# PONDICHERRY UNIVERSITY

(A Central University established under Parliament Act No.53 of 1985)

# PROSPECTUS 2020-21

## TOWARDS EXCELLENCE

# INFRASTRUCTURE

# PONDICHERRY UNIVERSITY

*(A Central University established by an Act of Parliament No. 53 of 1985)*

ACCREDITED WITH "A" GRADE BY NAAC

# From the Vice-Chancellor's Desk

I take this opportunity in welcoming all the aspirants seeking admission to various programmes in Pondicherry University for the academic year 2020-21.

Pondicherry University, a Central University, established in 1985 by an Act of Parliament with the sole aim to provide instructional and research facilities to encourage inter-disciplinary studies. The University spread over 800 acre lush-green campus on the sea shore of Bay of Bengal, is an ideal place for Academic and Research pursuits. This student-friendly institution of higher learning has been emerging as a world-class university with an incredible increase not only in students' intake every year but also in ranking and performance.

Pondicherry University was the first in the country to introduce "Choice-Based Credit System" (CBCS), which is now being followed by many other Universities. The University has 15 Schools, 38 Departments, 12 Centres and 1 Chair offering over 140 PG, PG-Diploma/Certificate & Research programmes with a student strength of 6557, of which 3148 (48%) are female students. Besides offering innovative on-campus programs, the University offers UG/PG programmes through Distance Education in order to reach out to the students who could not realize their dreams in the on-campus stream.

The University has two off-campuses also, one located in Port Blair (Andamans) with two Departments viz., Ocean Studies and Marine Biology and Coastal Disaster Management and another Post-Graduate Centre at Karaikal. The Pondicherry University's Community College is the first of its kind in the University system of higher education in India to offer job-oriented courses viz., B.Voc. Courses, Certificate and Diploma Courses, keeping in mind the needs and demands of the local community. In short, Community College is "for" the Community and "of" the Community.

Presently, 92 Colleges offering various courses in Arts & Science, Education, Law, Dental, Medical & Para-Medical, Veterinary and Engineering are affiliated to Pondicherry University. Apart from this, the University has entered MoU for academic collaboration with 76 Universities/Institutions, of which 40 are International and 36 are National, during last three years.

The campuses of the University are ICT enabled which provides an E-learning and E-connect environment. The University is situated in a serene environment. The serenity along with a complex structure of curricular, co-curricular and extra-curricular activities will shape the physical, mental and intellectual growth of the students.

I am confident that efforts to excel in the field of higher education and the inculcation of moral values in the students at the University Campus will continue in future with a greater zeal. We, as a team at Pondicherry University strive to prepare students to become better citizens of our country irrespective of their cultural and financial background and contribute in the welfare of society and country's development.

On behalf of the University, I wish all aspirants every success in your chosen program at Pondicherry University.

**PROF. GURMEET SINGH**
**VICE-CHANCELLOR**

| | |
|---|---|
| VISITOR | **Shri. RAM NATH KOVIND**<br>His Excellency, the President of India |
| CHANCELLOR | **Shri. M. VENKAIAH NAIDU**<br>Hon'ble Vice-President of India |
| CHIEF RECTOR | **Dr. KIRAN BEDI, IPS(Retd)**<br>Her Excellency, the Lt. Governor of Puducherry |
| VICE-CHANCELLOR | **Prof. GURMEET SINGH** |

Director (Studies, Educational Innovation & Rural Reconstruction)
Prof. S. BALAKRISHNAN

Director (Culture & Cultural Relations)
Prof. RAJEEV JAIN

Registrar (i/c)
Dr. B. CHITHRA

Finance Officer (i/c)
Prof. AMARESH SAMANTARAYA

Controller of Examinations (i/c)
Prof. D. LAZAR

Librarian
Dr. R. SAMYUKTHA

## DEANS OF SCHOOLS

| | |
|---|---|
| Prof. ILAMATHY JANAKIRAMAN | : Sri Subramania Bharathi School of Tamil Language & Literature |
| Prof. K.CHANDRA SEKHARA RAO | : School of Management |
| Prof. P. TIRUPATHI RAO | : Ramanujan School of Mathematical Sciences |
| Prof. M.S. PANDIAN | : School of Physical, Chemical & Applied Sciences |
| Prof. P.P. MATHUR | : School of Life Sciences |
| Prof. P.K. SUBRAMANIAM | : School of Humanities (i/c) |
| Prof. P. MOORTHY | : School of Social Sciences & International Studies |
| Prof. T. CHITHRALEKHA | : School of Engineering & Technology |
| Prof. MUMTAZ BEGUM | : School of Education |
| Prof. GOPAL KRUSHNA PAL | : School of Medical Sciences (i/c) |
| Prof. C. K. RAMAIAH | : School of Performing Arts (i/c) |
| Prof. MOHANAN BHASKARAN PILLAI | : School of Law (i/c) |
| Prof. C. K. RAMAIAH | : School of Media & Communication |
| Prof. K. THARANIKKARASU | : Madanjeet School of Green Energy Technologies |

## SCHOOLS, DEPARTMENTS / CENTRES & RESPECTIVE HEADS / COORDINATORS

| | |
|---|---|
| **Sri Subramanla Bharathi School of Tamil Language & Literature** | Dr. Ilamathy Janakiraman |
| **School of Management** | |
| Department of Management Studies | Dr. B. Charumathi |
| Department of Management (Karaikal Campus) | Dr. S.A. Senthil Kumar |
| Department of Commerce | Dr. D. Lazar |
| Department of Commerce (Karaikal Campus) | Dr. S. Amilan |
| Department of Economics | Dr. Amaresh Samantaraya |
| Department of Tourism Studies | Dr. Sampada Kumar Swain |
| Department of Banking Technology | Dr. S. Sudalai Muthu |
| Department of International Business | Dr. M. Banumathi |
| **Ramanujan School of Mathematical Sciences** | |
| Department of Mathematics | Dr. Rajeswari Seshadri |
| Department of Statistics | Dr. P. Dhanavanthan |
| **School of Physical, Chemical and Applied Sciences** | |
| Department of Physics | Dr. V.V. Ravi Kanth Kumar |
| Department of Chemistry | Dr. R. Venkatesan |
| Department of Earth Sciences | Dr. Rajneesh Bhutani |
| Department of Applied Psychology | Dr. Surendra Kumar Sia |
| Department of Coastal Disaster Management (i/c) | Dr. K. Dharanirajan |
| **School of Life Sciences** | |
| Department of Biochemistry & Molecular Biology | Dr. P.P. Mathur |
| Department of Biotechnology | Dr. A.Hannah Rachel Vasanthi |
| Department of Microbiology | Dr. Joseph Selvin |
| Department of Food Science and Technology | Dr. S. John Don Bosco |
| Department of Ecology & Environmental Sciences | Dr. S. Jayakumar |
| Department of Ocean Studies & Marine Biology | Dr. R. Mohanraju |
| Centre for Bioinformatics (Centre Head) | Dr. A. Dinakara Rao |
| **School of Humanities** | |
| Department of English | Dr. H. Kalpana |
| Department of French | Dr. S. Pannirselvame |
| Department of Hindi (i/c) | Dr. C. Jaya Sankar Babu |
| Department of Sanskrit | Dr. Chakradhar Behera |
| Department of Philosophy | Dr. B.R. Shantha Kumari |
| Department of Physical Education and Sports | Dr. G. Vasanthi |
| Centre for Foreign Languages | Dr. S. Pannirselvame |
| Escande Chair in Asian Christian Studies (Coordinator) | Dr. N. Jonas |
| **School of Social Sciences and International Studies** | |
| Department of Anthropology | Dr. Jesurathnam Devarapalli |
| Department of Sociology (i/c) | Dr. B.B. Mohanty |
| Department of History | Dr. N. Chandramouli |
| Department of Social Work | Dr. R. Nalini |
| Department of Politics & International Studies | Dr. Mohanan Bhaskaran Pillai |
| Centre for European Studies | Dr. G. Chandhrika |
| UNESCO-Madanjeet Singh Institute of South Asia Regional Cooperation (UMISARC) & Centre for South Asian Studies | Dr. D. Purushothaman |
| UGC Centre for Maritime Studies (Coordinator) | Dr. A. Subramanyan Raju |
| UGC Centre for Southern Asia Studies (Centre Head) | Dr. P. Moorty |
| Centre for Women's Studies (Centre Head i/c) | Dr. C. Aruna |
| Centre for Study of Social Exclusion and Inclusive Policy(i/c) | Dr. M. Thanuja |
| **School of Engineering & Technology** | |
| Department of Computer Science | Dr. S. Siva Sathya |
| Department of Computer Science (Karaikal Campus) (i/c) | Dr. G. Kumaravelan |
| Department of Electronics Engineering (i/c) | Dr. R. Nakkeeran |
| Centre for Pollution Control and Environmental Engineering(Centre Head i/c) | Dr. S. Gajalakshmi |
| **School of Education** | |
| Centre for Adult & Continuing Education | Dr. K. Devan |
| **School of Medical Sciences** | |
| **School of Performing Arts** | |
| Department of Performing Arts (i/c) | Dr.K.R.Rajaravivarma |
| **School of Media & Communication** | |
| Department of Electronic Media & Mass Communication (i/c) | Dr. M. Shuaib Mohamed Haneef |
| Department of Library and Information Science (i/c) | Dr. Rekha Rani Varghese |
| **Madanjeet School of Green Energy Technologies** | |
| Department of Green Energy Technology | Dr. P.Elumalai |
| Centre for Nanoscience & Technology | Dr. A. Vadivel Murugan |
| **School of Law** | Dr. Mohanan Bhaskaran Pillai |

| | |
|---|---|
| Dean(i/c), College Development Council | Dr. K. Chandrasekhara Rao |
| Dean, Students' Welfare | Dr. A.Shahin Sultana |
| Dean, International Relations | Dr. Uma Chandrasekaran |
| Dean, Research | Dr. Prathap Kumar Shetty |
| Director(i/c), Directorate of Distance Education | Prof. C.K. Ramaiah |
| O.S.D., UGC - Human Resource Development Centre | Prof. Venkata Raghotham |
| Principal(i/c) Community College, Puducherry Campus | Prof. G. Chandrasekaran |
| Community College, Mahe Centre | Dr. M.P. Rajan |
| Central Instumentation Facility(i/c) | Dr. Bala Manimaran |
| Central Maintenance Workshop | P. Kasirajan |
| Centre Head, Karaikal Campus | Dr. S.A. Senthil Kumar |
| Coordinator, Study India Program | Prof. Uma Chandrasekaran |

# ADMINISTRATIVE OFFICERS

| | |
|---|---|
| **Vice-Chancellor's Secretariat** | |
| Assistant Registrar (Vice-Chancellor's Secretariat) | S. Alamelu |
| **Office of the Registrar** | |
| Assistant Registrar (Registrar's Secretariat) | M.P.T. Sagayaraja |
| Deputy Registrar (Administration- Teaching & Non-Teaching, Recruitment Cell) | - |
| Assistant Registrar (Administration) | N. Giridharan |
| Assistant Registrar (Establishment-Teaching) | K. Mahesh |
| Assistant Registrar (i/c) (Recruitment Cell) | K. Sivagurunathan |
| Asst. Registrar (Legal Cell) | G. Venguidesvarane |
| Assistant Registrar (Planning & Development) | N. Giridharan |
| Assistant Registrar (Purchase & Stores) | P. Vaithenathan |
| Assistant Registrar (Academic-Admissions) | P. Rajasekaran |
| Coordinator (Academic-General) | Dr. K. Devan |
| Assistant Registrar (Public Relations) | K. Mahesh |
| Public Grievances Officer | Dr. K. Devan |
| Assistant Registrar (Transport) | P. Rajasekaran |
| Assistant Registrar (Special Reservation Cell) | Dr. N. Ravi |
| Assistant Registrar (IPR Cell) | - |
| **Office of the Controller of Examinations** | |
| Assistant Registrar (Exams) | G. Venguidesvarane |
| Assistant Registrar (Exams) | S. Murugaiyan |
| Assistant Registrar (Exams) | V. Raman Geetha |
| Assistant Registrar (i/c) (Exams) | S. Govindasamy |
| Assistant Registrar (Exams-DDE) | Arvind Gupta |
| **Office of the Finance Officer** | |
| Deputy Registrar (F&A) | R. Segar |
| Assistant Registrar (i/c) (Finance & Accounts) | R. Malarvizhi |
| **Vigilance and Security Wing** | |
| Officer on Special Duty (i/c) | Dr. S.I. Humayun |
| **Engineering Wing** | |
| Executive Engineer (Civil) | N. Sankaramurthy |
| Assistant Engineer (Civil) | G. Raghupathi |
| Assistant Engineer (Civil) | S. Venkatesan |
| Assistant Engineer (Electrical) | V. Mourougavelou |

# OTHER OFFICERS

| Central Library | |
|---|---|
| Deputy Librarian | Dr. U. Nagalingam |
| Computer/ Information Scientist (SS) | Z. Olirvel |
| Assistant Librarian | Dr. M. Baskar |
| Assistant Librarian | Dr. G. Sivasubramanian |
| Assistant Librarian | K.M. Shibu |
| Assistant Librarian | Dr. P. Vijayakumar |
| **Computer Centre** | |
| Systems Manager | Marie Stanislas Ashok |
| Systems Analyst | K. Palanivel |
| Programmer | W. J. Kalesha |
| **Placement Cell** | |
| Placement Officer | Dr. S.K.V. Jayakumar |
| **Horticulture** | |
| Horticulturist | - |
| **Health Centre** | |
| Chief Medical Officer | Dr. Sheela Das |
| Senior Medical Officer | Dr. S. Makalakshmi |
| **Media Centre** | |
| Producer | A. Sanjeev Kumar |
| **Central Maintenance Workshop** | |
| Technical Officer Gr. – II | P. Kasirajan |
| **Central Instrumentation Facility** | |
| Centre Head | Dr. Bala Manimaran |
| **Directorate of Physical Education & Sports** | |
| Director(i/c) | Dr. G. Vasanthi |
| Assistant Director | Dr. G. Sivaraman |
| Assistant Director | Dr. K. Chandrasekaran |
| **Centre for Bioinformatics** | |
| Information Officer | M. Sundara Mohan |
| **DDE - Spot Admission Centre & Community College, Mahe** | |
| Assistant Registrar | C.M. Srikala |
| **Hostels** | |
| Chief Warden (Boys) | Dr. S. Sudalai Muthu |
| Chief Warden (Girls) | Dr. P.T.V. Lakshmi |
| Deputy Chief Warden - I Year Hostels | - |
| Deputy Chief Warden - II Year Hostels | Dr. P.B. Shankar Narayan |
| Deputy Chief Warden - Ph.D Hostels | Dr. P. Sridharan |

| Wardens: Boys' Hostels | |
|---|---|
| Bharathidasan | Dr. A. Joseph Kennedy |
| Kabirdas | Dr. A. Ramesh Naidu |
| Ilango Adigal Hostel & Mess | Dr. P.B.Shankar Narayan |
| C. V. Raman | Dr. C. Satheesh Kumar |
| Subramania Bharathi | Dr. K. Suresh Joseph |
| Tagore | Mr. Iftekhar Alam |
| Kalidas | Dr. Santhosh Mathew |
| Kannadasan | Dr. K.R. Rajaravivarma |
| Kamban | Dr. A. Praveen |
| Foreign Students | Dr. C. Satheesh Kumar |
| Sarvapalli Radhakrishnan | Dr. A. Praveen |
| Moulana Abul Kalam Azad | Dr. S.I. Humayun |
| Sri Aurobindo | Dr. C. Thirunavukkarasu |
| Amudham Mess | - |
| New Mega Mess | Dr. A. Joseph Kennedy |
| Karaikal (Boys - I) | Dr. G. Kumaravelan |
| Karaikal (Boys - II) | Dr. S. Amilan |
| Boys' Hostel, Port Blair | Dr. S. Balaji |
| **Wardens : Girls' Hostels** | |
| Madame Curie, Madame Curie Annexe & Mess | Dr. Rekha Rani Varghese |
| Ganga | Dr. Pothula Sujatha |
| Yamuna | Dr. Manisha Kumari |
| Womens Studies | Dr. Manisha Kumari |
| Saraswathy | Dr. S.N. Fathima |
| Cauvery | Dr. S. Lasitha |
| Narmatha | Dr. Sudesh Pundir |
| Kalpana Chawla | Dr. Pothula Sujatha |
| Foreign Students | Dr. Rekha Rani Varghese |
| Mother Teresa Mess | Dr. Sudesh Pundir |
| Valmiki | Dr. E. Sreekala |
| Karaikal (Girls) | Dr. D.H. Malini |
| Girls' Hostel, Port Blair | Dr. G. Padmavati |

MADAME CU
HOSTEL

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# PUDUCHERRY

Puducherry is situated on the Coromandal Coast, 160 kms. south of Chennai. It is now a growing city and the capital of the Union Territory bearing the same name.

Puducherry, which attracted the French to settle here two centuries ago still carries several marks of French culture and heritage. It is also the place where the national poet Shri Subramania Bharathiar wrote several of his masterpieces that fanned the flames of freedom and also enriched modern Tamil literature. Bharathidasan, a staunch disciple of Subramania Bharathiar, whose poems stressed social revolution and emancipation of women, was also an eminent son of Puducherry.

Several intellectual activities are fostered in many institutions like the Sri Aurobindo Ashram and the French Institute which caters to research needs in Science, Indology and Culture. The Romain Rolland Library which is more than 150 years old and preserves a rich collection of several rare French and Tamil manuscripts, is a veritable repository of treasures.

The Puducherry Museum houses rare kinds of pottery from the Arikkamedu site which was a bustling port city in the first century A.D. where Roman ships called in for trade and friendship.

Some of the other places worth seeing are Auroville, the different beaches and backwaters, lakes and gardens, temples, churches and mosques and other heritage Buildings and monuments. Puducherry Tourism provides more detailed information in this regard.

# THE UNIVERSITY

Pondicherry University is a Central University established by an Act of Parliament in October 1985. The University is located at Kalapet, 10 kms from the town of Puducherry, in a serene and beautiful campus of 800 acres adjoining the scenic Bay of Bengal. It is an affiliating University with a jurisdiction spread over the Union Territory of Puducherry, Lakshwadeep and Andaman and Nicobar Islands, and has satellite campuses at Karaikal and Port Blair.

The University's objectives are to disseminate and advance knowledge by offering teaching and research facilities, to make provisions for studies in French and integrated courses in Humanities and the Sciences, and to promote inter-disciplinary studies and research. The University's motto is 'Vers la lumière' meaning 'towards the light'.

**Vision**

* To serve as an enabler of societal transformation through state-of-the art higher education and research that match global benchmarks by providing access, resources and opportunities.
* To become an institution of global eminence.
* To adapt to ever-changing needs of the society and industries.

**Mission**

To deploy globally competent resources in terms of people, infrastructure and partners through development of trained human resources, who will serve as agents of value based societal transformation in various spheres of life enriched with technology - assisted education, research, training and cultural integration. The University has entered into MoUs with a good number of reputed international institutions in India and abroad for collaboration and faculty development.

The salient features of the University include:

- Add-On Courses.
- Remedial coaching for weaker section students.
- Fee waiver for differently abled students.

# QUALITY LIVING

Unique features of Pondicherry University

- 100% Wi-Fi enabled campus
- 100% power backup
- 100% network of campus
- Library with remote access
- Sophisticated laboratories & instrumentation facilities
- Buildings with ramps & lifts
- Solar lights
- Free state-of-the-art Day Care Centre & Pre- Primary School
- 24 hours Health Centre & ambulance facility
- State-of-the-art sports facilities
- Free education and lodging to differently abled students

# COMMON FACILITIES

## LIBRARY

The University Library is named after Ananda Rangapillai, who was the Dubash of Lord Dupleix, a Governor of Pondicherry during the French rule. Established in 1986, it has transformed through the past two decades into a Knowledge Resource Centre catering specially to the information needs of the students, research scholars and faculty. The mission of the Library is to enhance learning and facilitating research. In tune with its mission, it is in the process of a major expansion in its infrastructure and information services.

### Working Hours

The Central Library functions from 8.30 a.m. to 08.30 p.m. & the Library Annexe Reading Hall from 8.30 a.m. – 12.00 midnight on week days and 9.30 a.m. to 12.00 midnight on week-ends, Vacation and Holidays.

### Membership

The Library has 7124 members comprising of faculty, students, research scholars and non-teaching staff. Besides these members, the Library also attracts a lot of scholars and visitors from other academic institutions and research organizations in pursuit of information and research tools.

### Collection

The University Library collection is hybrid with its traditional information resources being gradually supplemented by the electronic resources. **The total Library collection is 4,40,930 of which 2,23,082 is print and 2,17,848 is Electronic.**

**Details of Print**

Books (Print) – 2,14,484, Theses – 779, Dissertations – 4,962, Journal archives – 13,110, UN Documents – 2,857.

**Details of E-resources**

E-Journals – 18,066, E-Databases – 20, E-Theses – 1660 and E-Books – 1,98,102. The Exclusive collection for Competitive Examinations is a popularly sought after one.

### Services

Parallel to the traditional library services, the automated Library presently facilitates value-added services such as research assistance, referral service, citation analysis of research output, institutional repository, orientation programmes, workshops, conferences, exhibitions, information product presentations, free trials, newsfeeds, e-alerts and open sources. Access to a digital library of e-reference works, e-books, e-databases, e-journals, e-theses, online tutorials and the OPAC (Online Public Access Catalogue) is also made available through Discovery Service on the Library portal. Remote login facility is another unique service that provides 24x7 access to all the e-resources in the library portal remotely from anywhere in the world. Information access facility been made possible to the visually challenged was one of the facets contributing to winning a National award by the University in 2011. The state-of-the-art Louis Braille Centre enables the differently-abled to access content using modern technology.

### E-Shodhsindhu Consortium Service (ESS)

Pondicherry University Library is a member of the E-ShodhSindhu Consortium and has access to more than 7534 e-journals and 4 e-databases. As the access is IP based, e-resources are accessible in the University network. Pondicherry University Library has been identified as one of the 30 Document Delivery University Libraries in India under the E-ShodhSindhu Consortium to cater to the journal article requests of all the universities in the country.

### U.N. Depository

The Dag Hammarskjold Library of the U.N. Secretariat in New York has arranged for the distribution of U.N. Documents and publications to users and research scholars around the world through its depository libraries since 1946. There are about 405 Depository Libraries in 145 countries and 16 of them are in 13 cities of India. Pondicherry University Library has the honour of being one of the 16 U.N. Depository libraries in India.

### Infrastructure

An independent library building with a beautiful inspiring ambience of greenery around is focused on development with technology. The spaces have been revamped and modernized with modular furniture and a large number of computers to access e-resources with high speed bandwidth facility, comparable to any world class library. An additional new building with 50,000 sq. ft. namely the Library Annexe offers 24 hour reading facility, Scholars Hub, Competitive Exam Book Section, a special laboratory for the Visually Challenged (Louis Braille Center), multimedia lecture hall, auditorium, cafeteria, etc. Five School Libraries as Reference Libraries manned by qualified library professionals were established in 2011 to cater to the immediate reference needs of the departments of each respective school of different disciplines. Exclusive Campus Libraries have been established at Karaikal and Port Blair. Pondicherry University has the credit of being the third university in the country which established the surveillance system with Radio Frequency and Identification (RFID) and Closed Circuit Television (CCTV) functional in 2012.

### Personnel

The Library has a team of highly qualified information professionals with the potential and drive to facilitate the best possible library services to information seekers.

### Librarian

Dr. R. Samyuktha

# COMPUTER CENTRE

The Computer Centre was established under a sanction by the UGC in the year 1992. A full-fledged and well-equipped Computer Centre is available for the use of students, research scholars, faculty and non-teaching staff of the University. The Centre functions between 9.30 a.m. and 5.30 p.m. on all working days and holidays. However most of the services are rendered on a 24x7 basis.

### Academics

The Academic staff of the Computer Center offer regular theory, laboratory and project guidance courses to students of the University for

- M.Tech. (Computer Science & Engineering)
- M.Tech. (Network & Information Security)
- M.C.A.
- M.Sc. (Computer Science)
- P.G.D.C.A

### IT Infrastructure & Management

The Centre is responsible for the establishment and management of IT infrastructure in the entire University such as campus wide network, servers and also IT enabled Services (ITeS).

### Campus Network

Campus Network providing integrated data, voice and video services to the campus comunity was established and is being managed by the Centre.

Faculty members, Schools/Departments, Officers, Library, seminar halls, class rooms, hostels and quarters are connected to the Intranet.

The above network serves as the backbone of the entire University for all ICT needs thereby contributing to its teaching/learning, research and administrative functions.

### NMEICT/NKN

The University is connected to the National Knowledge Network (NKN) under MHRD's NMEICT scheme through 1 Gbps link. Internet services are provided from this facility. The utilization is very high and it is proposed to enhance the capacityfrom the present 1 Gbps to the next higher bandwidth.

### Voice Communications

Internal voice telephone system namely intercom is provided through SIP phone system using VoIP technology. This digital voice system is seamlessly integrated with the campus network and facilitates instant access to voice.

### Campus Connect - Wi Fi

The Campus was first Wi Fi enabled in the year 2009. Under the MHRD Campus Connect project a modern/secure Wi Fi facility was established on the campus. The utilization of the bandwidth is one of the highest among the central universities in the country. Work is in progress to extend this facility to some of the new buildings.

### Web and E-mail Services

The bilingual Web Portal for the University serves as the main platform for dissemination of information/notices/other online services being provided to its stakeholders. All notices, circulars, etc., are regularly published on this portal. The web portal is being entirely revamped using modern technologies. Shortly this new portal shall go live.

Email services are offered to the employees/scholars of the University through the national cloud of Government of India.

### Software Applications & Online Services

The Centre facilitates and plays a responsible role in the development and deployment of software (developed either in-house or by outsourcing) to meet the requirements of the University. Some are listed below:

Online Leave Management System for Faculty

Online Admissions Fee Collection and Hostel Fees Collection

Online Complaint Management System

Online Employee Management System

The centre plays a responsible and vital role in the conduct of end-to-end online Admissions to various PG/Research programmes offered by the university year after year.

### In-house Training

In-house training on creating awareness and usage of various ICT system and tools are regularly imparted to the employees, research scholars and students.

### Other Services

The Centre also offers technical support and facilitation for operations of Electronic Surveillance System for the Vigilance & Security Wing and Bio-Metric Attendance System (BAS) for the Administration.

### Computer Systems

DELL Blade Servers, Tower Servers, MS Windows/Red Hat LINUX/Sun Solaris operating environments are available.

## Details of Academic/ Technical/ ICT Staff

**Marie Stanislas Ashok, M.E.**
Systems Manager & Head

**K. Palanivel, M.Tech.**
Systems Analyst

**W.J. Kalesha, M.Tech.**
Programmer

**S. Kanagalingam, M.C.A.**
Senior Technical Assistant

**B. Rasan, M.C.A.**
Senior Technical Assistant

**P. Chinnachamy, B.E.**
Senior Technical Assistant

**S.Balan, B.Tech.**
Technical Assistant

# CENTRAL INSTRUMENTATION FACILITY

Excellence in teaching and research by science departments and centres need state-of-the-art sophisticated equipment, various workshops and support facilities. These equipment and facilities help the faculty, research scholar and students to carry out globally competitive R & D in basic and applied sciences. Since individual researchers may not be able to generate huge research funds for these research instruments, Pondicherry University has established the Central Instrumentation Facility (CIF) with a mission to enrich the resources on a shared basis for promoting R & D with the following objectives:

- To strengthen technological infrastructure to carry out advanced research in various science disciplines under one roof and make their services available to academic departments and schools.
- To provide guidance in acquisition of data and train personnel in operation and maintenance of sophisticated instruments.
- To organize short-term courses/workshops on the use and application of various spectroscopic and analytical techniques for students, teachers and technical personnel from the University, affiliated institutions, universities in the region and industry.

Cif is governed by the Management Advisory Committee consisting of the Vice-Chancellor as Chairman, deans of science schools, Heads of science departments, outside experts and Centre Head as Member Secretary. CIF is also supported by the Department of Science and Technology (DST) under the PURSE - Promotion of University Research and Scientific Excellence - Project.

CIF takes care of the operation and maintenance of the analytical instruments and caters to the analytical needs of all the science departments and affiliated institutions of the University. Analysis of samples from other educational & research institutions in the region and from industries is also carried out.

CIF also has a Mechanical section with facilities to fabricate mechanical components such as sample mounts/cells/ adopters, etc., required for scientific research needs. It is also involved in repairing and maintaining accessories such as hydraulic press, compressors, pumps, cold water circulators, etc., of the analytical instruments.

### Faculty

**Dr. Bala. Manimaran, Ph.D.**
Professor & Head(i/c),
Specialization: Organometallics, Nanoscale Materials and Supramolecular Chemistry

### Technical Officer

Er. S. Ramasamy, M.Tech.
Technical Officer (on contract)
Specialization: Electronic Design & Technology, Analytical Instrumentation

### Details of Major Research Equipment Available

| Sl.No | Name of the Instrument | Make | Model |
|---|---|---|---|
| **I.** | **Spectroscopy Systems** | | |
| 1. | UV-VIS-NIR Spectrophotometer | Shimadzu-Japan | UV 3600 Plus |
| 2. | FT-IR Spectrometer | Thermo-USA | Nicolet-6700 |
| 3. | Spectroflourimeter | Horiba Jobin Yvon, USA | Flurolog-F3-111 |
| 4. | 400 MHz FT-NMR | Bruker- Biospin | Avance II |
| 5. | Wavelength Dispersive X-ray Fluorescence Spectrometer | Burker-AXS, Germany | S4 Pioneer |
| 6. | Broad Band Dielectric Spectrometer | Novo control-GmBh, Germany | Concept 80 |
| 7. | Circular Dichroism Spectrometer | Jasco, Japan | J815 |
| 8. | Laser Confocal Raman Microscope with spectrameter attachment | Renishaw, UK | Invia Raman |
| 9. | Isotope Ratio Mass Spectrometer | Isoprime Ltd, UK | Isoprime 100 |

| Sl.No | Name of the Instrument | Make | Model |
|---|---|---|---|
| **II.** | **Chromatography Systems** | | |
| 10. | High Performance Liquid-Chromatography | Shimadzu, Japan | LA20 |
| 11. | High Performance Thin Layer Chromatography System | CAMAG, USA | Sampler-ARS4<br>Developer- ADC2<br>Scanner- TLC4 &<br>Visualizer-TLC2 |
| 12. | Ion Chromatography System | Thermo Scientific, USA | ICS-1100 |
| 13. | Fast Protein Liquid Chromatography | GE Health Care Life Sciences, USA | AKTA pure |
| **III.** | **Microscopy Systems** | | |
| 14. | High Resolution Transmission Electron Microscope. | FEI-USA | Tecnai G2 F30 S-Twin |
| 15. | Electron Probe Micro Analyzer | CAMECA, France | SX100 |
| 16. | Scanning Electron Microscope with EDX and Cathode-luminescence detector | Hitachi, Japan | S 3400N |
| **IV** | **Physical Property Determination Systems** | | |
| 17. | Thermal Analysis System | Water-TA instruments, Austria | TG-DTA-SDT600 and DSC- Q20 |
| 18. | Vibrating Sample Magnetometer with High & Low Temperature attachments | Lakeshore, USA | 7404 |
| 19. | Particle Size Analyzer-Zeta sizer | Malvern, UK | Nano Series |
| 20. | Surface Area Analyzer(BET System) | Miromerities, USA | Gemini VII 2390t |
| 21. | Physical Property Measurement System | Quantum Design,USA | PPMS-II/ Evercool-II |
| **V** | **Others** | | |
| 22. | Femto Second Laser System | New Port Corporation/ Spectra Lab-USA | Mai-Tai-HP 1050 as Main Laser |
| 23. | Semi-Macro Elemental Analyser (CHNS-O) | Elementar-UK | Vario EL cube |
| 24. | Fluoresence Assisted Cell Sorter | BD-Bio Sciences-USA | FACS Aria III |
| 25. | Planetary Micromill | Fritsch,Germany | Pulverisette-7 |
| 26. | Gamma Ray Chamber | BRIT, India | GC 5000 (Co-60 source) |

# CENTRAL MAINTENANCE WORKSHOP

The Central Maintenance Workshop is a core support facility to carry out all engineering works related to civil, electrical, mechanical and electronics and to support the scientific research of the departments and centres of the University. The minutiae about the service shops which are currently offering service support to the academic community and facilities being developed are as under.

### Electronics Shop

The electronics shop offer the services of repairing, servicing and upkeep of Instruments, equipment and appliances available in the University. The electronics shop also offers design and fabrication of electronic modules required for the research works of the students and faculty including fabrication of Printed Circuit Boards in accordance with the requirement of Users from initial design to final stage ensuring quality and consistency. The transfer of electronics shop and acquisition of varieties of test and measuring instruments and PCB making facility is in progress.

### Mechanical Shop

The mechanical shop offers service support in the fabrication of mechanical modules required for advanced scientific and engineering research.The mechanical shop also offers service support in the reconditioning and upkeep of all kind of instruments, equipment and appliances available in large number in the University. The mechanical shop is equipped with precision milling machine, high speed drilling machine and portable welding machine. The progress of strengthening the mechanical shop is underway by adding multifarious machineries like radial drilling machine, shaping machine, sheet folding machine, hydraulic pipe bending machine and varieties of portable machineries. The mechanical shop has recently acquired hi speed precision mini metal working lathe and mini milling machine.

### Welding Shop

The welding shop offers welding of metal items both small and large in size according to the user's specifications. The Central Maintenance Workshop is equipped with gas and arc welding facility and recently augmented spot welding (heavy and portable) for making quick, strong spot welds in a wide range of uncoated mild, galvanized ferrous sheet metals.

### Additional service shops under development:

The development of the following additional service shops is under progress for achieving goals & objectives of CMW with the support of the University.

### Advanced Glass blowing and Glassware fabrication shop

The establishment of an advanced glass blowing shop is in progress considering the expanding volume of works and in proportionate to the creation of new science and engineering departments and increase in student strength. The advanced glass blowing shop offers service support to all the science and engineering departments of the University in the repairing and fabrication advanced laboratory glasswares and fabrication of special glassware of the highest quality and purity for advanced scientific research works. The advanced glass blowing shop fabricates simple glassware to complex quartz laboratory apparatus which finds application in the semiconductor, optical fibre, photovoltaic, chemical and applied sciences research with fabulous craftsmanship utilizing state-of-the-art facilities and technology.

### Fitting Shop

The acquisition of radial drilling machine, surface plates, and work benches with bench vices, precision digital measuring instruments and cutting tools is in progress for carrying out advanced fitting works with high accuracy and precision. The fitting and bench work facility offers fixing of material in the engraved piece made with very accurate dimensions.

### Carpentry Shop

The key function of the carpentry shop is to repair and replace the damaged wood surfaces, repair desk and other classroom furnishings, repair of windows, doors, broken window glasses and blinds. The carpentry shop offers repair service for classrooms, offices, and also provides special service to classrooms during semester breaks.

### Painting Shop

The painting shop offers cleaning and painting of the aged instruments and equipment to enhance its life, including full bodywork and dent repairs.

### CAD Shop (Computer Aided Design Shop)

The CAD shop will be offering drafting of Electrical, Electronic and Mechanical engineering drawings to the users. The CAD working stations, software and plotter are in the process of being acquired.

### Electrical Repair and Service Shop

The electrical shop offers service support in the repair and recondition of motors , pumps, panel boards , testing of electrical equipment's etc.,. The acquisition of the facilities required for the repair and testing of electrical equipment's and gadgets is under progress.

### Plastic Shop

The plastic shop offers injection moulding facility for the moulding and fabrication of plastic parts for user specific requirement for conducting scientific research and experiments. The plastic shop also offers plastic welding facility for welding similar and dissimilar plastic parts. The acquisition of various hand working tools, hand extruders, welding machines for injection welding, ultrasonic welding, hot gas welding and hot seal welding are being acquired

**Testing and Calibration Shop**

The testing and calibration facility calibrates the measuring instruments and tests the power conditioning devices viz., UPS & Inverters and a variety of batteries. It also certifies whether the products comply with the approved standards and specifications. The measuring equipment and testing tools required for testing and calibration are being acquired.

**Technical Staff of Central Maintenance Workshop:**

**P. Kasirajan, M.E,**
Technical Officer Gr. – II
Specialization: Electronics and Instrumentation Engineering

**R.Jeyanthi, DECE,**
Technician Gr-II
Specialization: Electronics & Communication Engineering

**P.Vikkaraman, M.A,**
Technician Gr-II
Specialization: Engineering Fitting Works

The central maintenance/engineering workshop is a place where a regular industry and academic working environment converges. The workshop provides solution to all engineering and technical problems and special fabrication works for research works associated with the academic community. It also offers service support to the various sections and affiliated instituions of the University, thus striving to ensure the best support facility for creating a better teaching, learning, and research environment for the students.

## HEALTH CENTRE

The Health Centre of Pondicherry University functions round the clock in association with Pondicherry Institute of Medical Sciences with basic facilities for the benefit of students and staff. An ambulance is also available for emergency medical care.

## BANK

Indian Bank operates a branch with all services in the University Campus. ATM facility is also available in the campus.

## CANTEEN

Four canteens are available on the campus.

## POST OFFICE

A post office functions on the campus where all postal services including savings bank facilities are available.

## SHOPPING COMPLEX

A Shopping Complex is also available on the campus to facilitate essential services for students, faculty and staff of the University.

# FOREIGN, NON-RESIDENT INDIAN (NRI) & OVERSEAS CITIZEN OF INDIA (OCI)

### Admission

Self-supporting candidates of various categories as given below may apply directly using the link to the special online application form for Foreign/NRI/OCI applicants.
**Foreign Candidates:** holds Non-Indian passport
**NRI:** holds an Indian passport and parents have the status of Non Resident Indian
**NRI with OCI:** holds an OCI Card issued by the Govt. of India

This Prospectus gives all details for Admissions 2020 – 21. For more details about various P.G. and Integrated P.G. Programme of study and Ph.D. please visit the respective department profile on the University website www.pondiuni.edu.in and prospectus available in the website.

Foreign/ NRI/ OCI applicants do not have to write the Entrance Examination for admission to any of the courses. Applicants with educational qualifications outside India should upload copies of the relevant certificates and mark sheets together with the English version of such documents duly attested, if they are in a different language. Foreign students must have a VALID STUDENT VISA. The medium of instruction and communication is English for all courses except in specific language departments. Proficiency tests in English are not prescribed as a condition for admission. However, all students shall be able to read, write, comprehend and speak English fluently. Admission to various P.G. and Integrated P.G. Programmes of study will be decided by the Admission Committee of the respective Department/ Centre.

### Application Fee

The application fee shall be paid online. The application fee for students from Non-SAARC countries is US$100. The application fee for students from *SAARC countries is US$50. (*Afghanistan, Bangladesh, Bhutan, India, Maldives, Nepal, Sri Lanka).

### Admission to Ph.D Programme

For admission to Ph.D. programmes the applicant should submit along with the online application, the details of the proposed research. Admission is subject to the recommendations of the Admission Committee of the concerned department and availability of supervisors in the proposed area of research in the department. Admission to the Ph.D. programme needs a valid RESEARCH VISA.

The NRI, OCI and foreign candidates who apply for Ph.D. (Full-time) programme and fulfil the required eligibility criteria for Ph.D. (Full-time) are exempted from entrance test, but they shall give a seminar before the Admission Committee

### Study India Program

Study in India Program (SIP) is open to students from abroad to study a semester/ two semesters of various courses available in the University on transfer of credits basis. Before they apply under the SIP, students may inform themselves regarding the approval from their parent Institution for transfer of credits for courses to be studied in Pondicherry University, India.

The students can seek assistance through e-mail prior to their application and arrival. Course details are made accessible to students and their respective advisors on our website for mapping the suitability and credit equivalence. Credits earned are transferred to their respective Institutions within a month of the close of the semester.

For enrolling into the SIP, please send an application at least three months in advance. Students have the option of choosing courses and credits from any of the relevant departments of the University. If your semester schedules are different from our calendar, the specific department Head will be contacted to know whether you can be accommodated especially for lab work based courses.

The SIP also offers bespoke need-based short-term courses or study programs based on requests from a university/higher education Institution abroad. Such customized programs may be of shorter duration (1 to 5 weeks) for groups of students accompanied by a coordinator from their institution.

In addition to academics, students can experience differentfacets of Indian culture. Assistance is provided to students to make their stay and experience comfortable and rewarding.
SIP Applicants may email their interest to:
dean.int-rel@pondiuni.edu.in and uc.atwork@gmail.com

*For details of MSG Scholorships to students from SAARC countries, see page 118 of this brochure.

# FINANCIAL ASSISTANCE

## FELLOWSHIPS/SCHOLARSHIPS OFFERED BY UNIVERSITY:

### Ph.D. Non-Net Fellowship-UGC*

All the full time scholars admitted to Ph.D. programmes in the Schools/Departments/ Centres of the University campus alone will be eligible for a fellowship of ₹ 8000/- p.m. and a contingencies grant per year.

### Scholarship for PG courses (Two and 3 years programs only)/ M.Sc and M.A Integrated courses:

### Merit Scholarship*

(i) The first three candidates who secure the highest percentage of marks in P.G. admission entrance examination shall be eligible for the award of Merit Scholarship @ ₹2,000, ₹1,500 & ₹1,000 p.m. respectively for the first semester. Scholarship is sanctioned on the basis of entrance examination marks(#).

(ii) For the subsequent semesters the Merit scholarship at the same rate of ₹2,000, ₹1,500 & ₹1,000 p.m shall be awarded to the first three candidates who secure highest marks in the previous semester(SGPA).

### Merit-cum-Means Scholarship(MCM)*

20% of the students in each P.G. degree programme are eligible for the award of MCM Scholarship of the University. The scholarship is based both on the merit in each semester(SGPA) and the parental income of the student. The annual income of the parents should not exceed ₹2,50,000/- (Rupees two lakh fifty thousand only). The amount of scholarship is ₹750/- p.m. For the 1st Semester scholarship is sanctioned on the basis of entrance exam marks.

Besides, for the award of scholarship, the candidates should also fulfill the following conditions:

(i) secure at least 70% attendance every month.

(ii) pass in all papers registered for each semester.

(iii) the Head of the Department concerned shall certify fulfillment of conditions i and ii.

### Scholarships for M.Sc. Marine Biology & Disaster Management*

All selected candidates will be awarded a scholarship of ₹ 1000/- p.m. to study these courses at Port Blair, Andamans.

## FELLOWSHIPS / SCHOLARSHIPS / OFFERED BY OTHER AGENCIES:

### Junior Research Fellowship

UGC / CSIR NET qualified JRFs are eligible to receive fellowships @ ₹31,000/- p.m. for two years. This may be enhanced to ₹35,000/- p.m on completion of two years and subject to fulfilling certain conditions laid down by the UGC /CSIR. They are also eligible for a contingent grant as per UGC rate. The award of fellowship and contingency grants are subject to approval by the UGC / CSIR.

### N.B.H.M. Scholarship

The National Board for Higher Mathematics, Mumbai (Department of Atomic Energy) provides scholarships for those students who clear the NBHM examination.

### Government of India SC/ST/OBC Scholarship

The governments of various states provide Government of India Scholarship to candidates belonging to the SC/ST/OBC communities.

### Rajiv Gandhi National Fellowship / Maulana Azad National Fellowship

The UGC provides Rajiv Gandhi National Fellowship for SC/ ST & OBC scholars and Maulana Azad National fellowship for minority scholars who pursue Ph.D. programmes. Every year, the UGC notifies the eligibility and other conditions for the award of the said fellowships.

### Indira Gandhi Scholarship for Single Girl Child

UGC provides Indira Gandhi Scholarship for Single Girl Child for eligible students pursuing PG programmes.

### PG Merit Scholarship for University Rank Holders*

The undergraduate level rank holders of different universities are eligible for this Scholarship to pursue their Master's Degree.

### Government of Puducherry Fellowship / Scholarship Merit and Merit-cum-Means Scholarship

The Government of Puducherry awards Merit and Merit-cum-means scholarships for students belonging to the U.T. of Puducherry enrolled in various courses of the University.

The Government of Puducherry provides two fellowships to residents/ natives of Puducherry @ ₹3,000/- per month to two students admitted in the M.Sc. Biotechnology programme in the Department of Biotechnology.

### Madanjeet Singh Group Scholarship

Full scholarships are given to 8 students per annum to pursue M.Tech (Green Energy Technology) and 16 students per annum to pursue M.A(South Asian Studies) from the member states of SAARC countries covering living expenses(₹10,000 p.m), free hostel accomodation in campus and tuition fees.

### Ministry of New and Renewable Energy(MNRE)

Ministry of New and Renewable Energy (MNRE) selected CGET as nodal centre and awards 15 M.Tech Fellowship and 5 Ph.D Fellowship to admitted candidates having GATE/CSIR qualification.

### GATE Scholarship

UGC provides scholarship for GATE qualified M.Tech students.

### M.TECH. Computational Biology & M.Sc. Biotechnology

Admitted students through GAT-B score are eligible to get DBT Fellowship.

* An Undertaking should be given by the scholar/student saying that in case he/she leaves the Ph.D/PG programme in between before submission of the thesis/before the course completion, he/she will reimburse the entire amount to the University.

\# Conditions apply

**Note:**

i. The students are eligible for only one scholarship.

ii. The award/continuance of any scholarship is subject to satisfactory progress and performance, proper conduct, fulfillment of attendance criteria, etc.

# SYSTEM OF INSTRUCTION

## Choice Based Credit System (CBCS)

The University introduced the Choice Based Credit System(CBCS) from the academic year 1992-93. Under this system, students have a good deal of freedom in designing their own curriculum to suit their needs. The students have provision to take any course offered in any department as long as they fulfill the prerequisites for that course, have the consent of the concerned course instructor and the students' faculty advisor. The students can also take as many courses as they can handle subject to a maximum of 30 credits in any semester. Each course is associated with a credit value and this accrues to the student when he/ she successfully completes the course. The minimum credits required for the award of degree in various PG programs are given in the following table. The medium of instruction is English for all programs except for languages (other than English).

| S.No | Program | Hard-core Courses credits | Soft-core Courses credits | Total (Minimum credits required for award of the degree) |
|---|---|---|---|---|
| 1 | M. A./ M.Sc./ MCA/All M.Tech. except M.Tech (ECE)/ any other 2 year P.G. Programme not mentioned below | 48 to 60 | 12 to 24 | 72 |
| 2 | M.Com. | 68 to 78 | 12 to 22 | 90 |
| 3 | All M. B. A. programmes | 72 to 86 | 14 to 28 | 100 |
| 4 | 5 year Integrated P.G. | 148 to 162 | 30 to 44 | 192 |
| 4.1 | Exit option to get UG degree in 5 year Integrated PG Programmes | | | 120 |
| 5 | M.Tech (ECE) | 53 | 21 | 74 |
| 6 | L.L.M | 43 | 0 to 3 | Min:43, Max:46 |

1) The courses offered under a Program of Study are designated as Hard Core and Soft Core.

2) A course designated as Hard Core for a particular program of study must invariably be completed by the student to receive the degree in that program. The Hard Core Course cannot be substituted by any other course. However students undergoing study in foreign universities under MOU for a semester or two will be permitted to do equivalent courses at foreign universities.

3) The Soft Core courses are to be chosen from (a) a list of courses marked as Soft Core courses for a particular programme and (b) any course offered by other departments as Soft Core course.

4) If a student finds that he/she has registered for more courses than possible to study in a semester, he/she can drop one or more of the courses within the time limit prescribed in the Academic Calendar (normally before the end of the 3rd week of the semester).

Each student, soon after he/ she joins the course, will fill a plan of study detailing the courses he/ she plans to take. Depending upon the availability of the courses every semester, he/ she registers for a set of courses before the semester starts by filling in the appropriate forms. Each student should submit the registration card to the Head of the Department on or before the last date prescribed for the same.

### PASSING MINIMUM

In order to be declared passed, a student should get
a) A minimum of 40% marks in the end-semester exam, and
b) A minimum of 50% marks in aggregate when internal assessment and end-semester marks are added.
c) In order to be declared passed, an LLM student must score a minimum of 50% marks in aggregate in each of the specified courses. There is no separate minimum passing marks in internals and end-term written examination.

### LETTER GRADES

Performances of students in each paper are expressed in terms of marks as well as in Letter Grades. In case of fractions the marks shall be rounded off to the nearest integer. The class interval for the purpose of awarding the grades can be arrived at by dividing the difference between the highest mark secured and the minimum pass mark by 6 as there are six passing grades. The formula is given below:

$$K = (X-50)/6$$

Where, K = class interval, X= the highest mark in the subject. K should not be rounded off to less than two decimal places. The numbers given in Range of Marks column, (X-K), (X-2K), (X-3K), etc., can be rounded off to the nearest whole number.

The grades may be awarded as given in the following table.

| Range of Marks in % | Letter Grade | Points for Calculation of SGPA |
|---|---|---|
| X to (X-K)+1 | O | 10 |
| (X-K) to (X-2K)+1 | A+ | 9 |
| (X-2K) to (X-3K)+1 | A | 8 |
| (X-3K) to (X-4K)+1 | B+ | 7 |
| (X-4K) to (X-5K)+1 | B | 6 |
| (X-5K) to 50 | C | 5 |
| Below 50 | F | 0 |
| Failure due to lack of attendance | FA | 0 |

In courses where the number of students who have secured 50 marks and above is less than 10 and in all courses for which student appear in supplementary exam, irrespective of the number of students who appear in supplementary exam of a course, then grade shall be awarded based on the Table below

| Range of Marks in % | Letter Grade | Points for Calculation of GPA/ CGPA |
|---|---|---|
| 81-100 | O | 10 |
| 71-80 | A+ | 9 |
| 66-70 | A | 8 |
| 61-65 | B+ | 7 |
| 56-60 | B | 6 |
| 50-55 | C | 5 |
| Below 50 | F | 0 |
| Failure due to lack of attendance | FA | 0 |

The SGPA will be calculated as weighted average of points secured by the student in all the papers passed by him /her in a semester. The weights are the number of credits for each paper. For example, if a student gets A grade in a 4 credit course, B+ grade in a 2 credit course, A+ grade in a 3 credit course and F grade in a 3 credit course during a semester, SGPA will be calculated as this: (8x4+7x2+9x3)/(4+2+3)=(32+14+27)/9=73/9=8.11. Hence, the credits earned by the student in the semester will be 9, and SGPA will be 8.11. Cumulative Grade Point Average (CGPA) shall be calculated as weighted average of SGPA and credits earned by the student in consecutive semesters.

Those students with a CGPA of 9.0 and above who did not fail in any of the courses taken by him/ her shall be awarded Distinction. A student with CGPA of 6.0 and above shall be placed in First class. A Student with CGPA of 5.0 or more but less than 6.0 shall be placed in second class. Students who secure less than 50% marks in any paper will get F Grade and will be treated as failed in that paper. Students who fail due to insufficient attendance should repeat the course as and when it is offered.

## PONDICHERRY UNIVERSITY STUDENTS ACADEMIC ACTIVITY MANAGEMENT SYSTEM (PU-SAMS)

Innovative methods of management of academic progression of students from the time of their admission to exit in the institutions of higher learning is both a challenge and opportunity. The challenge comes from managing a large number of students, faculty, departments, programs and courses in such a way that maximal knowledge transfer, optimal utilization infrastructure and best offer of services can be effected. Opportunity comes from the possibilities of innovations in accountability, accreditation and enhancement of learning experience. Towards this end, Pondicherry University has developed the Student Academic Activity Management System (PU-SAMS).

The software PU-SAMS is an online-platform that is meant to manage the entire range of CBCS – from admission, online payment of tuition fees, registration of courses, approval of registration by the faculty, allocation of courses to the faculty, time-table, student attendance, internal assessment, online payment of examination fee, end-semester assessment, conversion of marks to grades, declaration of results, grade card generation and distribution. The software works on the principle of differential access and need-to-know basis.

PUSAMS is tuned to help all the stake holders that include students, teachers, HoDs, Deans, Administrators and the Vice-Chancellor to monitor academic activities across PU on real time basis.

## PONDICHERRY UNIVERSITY RESEARCH SCHOLARS ACADEMIC ACTIVITY MANAGEMENT SYSTEM (PU-RAMS)

PU-RAMS is an online-platform that is meant to manage the complete ambit of a PhD scholar's research acativity - from provisional registration of PhD, research supervisor allocation, constitution & approval of doctoral committee members, course work, doctoral committee meetings, confirmation, pre-PhD synopsis submission, thesis reviewer selection, thesis submission, thesis review status and submission of documents related to conduct of viva. All the payments related to Ph.D can be done online through RAMS. The software works on the principle of differential access and need-to-know basis.

The features of PU-RAMS include complete implementation of Pondicherry University's regulation which is based on the UGC Ph.D Guidelines. Timely progression of academic & research progress, all research document uploads, application submissions (Registration, synopsis, thesis), selection of supervisor/co-supervisors/DC members/thesis reviewers and Viva Voce examiner, auto-generated letters/note sheets/ application forms, capturing date & time of progress, electronic data and customized output, easy to access user interface, fee payment and validations, report generation and review are key features of the PU-RAMS.

PU-RAMS has been helping all the stake holders including research scholars, faculty, heads, deans, administration and the Vice-Chancellor to monitor research work across Pondicherry University.

# APPLICATION PROCEDURE AND ENTRANCE EXAMINATION

## ONLINE

Application form is to be submitted online through the University website *www.pondiuni.edu.in* by following the instructions posted therein.

## APPLICATION FEE

| Name of the Course | Application fees (Per Course) | | |
|---|---|---|---|
| | SC*/ ST* | PH**/ Transgender** | Others |
| P.G. | 300 | Nil | 600 |
| Ph.D | 500 | Nil | 1000 |
| MBA | 500 | Nil | 1000 |

* Subject to submission of relevant certificate.
** Subject to submission of relevant certificate from Govt. Medical Officer.

The application fee for students from Non-SAARC countries is US$100(i.e. 7400 in equivalent Indian currency). The application fee for students from *SAARC countries is US$50. (i.e. 3700 in equivalent Indian currency). (*Afghanistan, Bangladesh, Bhutan, India, Maldives, Nepal, Sri Lanka). Application fee is to be paid online by following the instruction available in the University website.

## FILLING OF APPLICATION FORM

1. Apply separately for each course.

2. The Candidates have to submit application for each of the MBA programmes separately.

3. Fill in all columns with complete and correct information after going through the prospectus. Incomplete/ false/ wrong information will entail rejection of application. **Any claim based on wrong information, wrong course code, centre code, category (OBC/SC/ST/EWS/Gen), etc. will not be entertained at a later stage**.

4. Application forms are to be filled and submitted online, as per instructions in the University website:
*www.pondiuni.edu.in*

5. Due care should be taken in filling the application form. Enter correct course in the relevant column which is very important.

6. All columns should be filled correctly and unambiguously.

7. While filling in the qualification and marks, care should be taken to provide the relevant marks/ grades.

8. **Defence personnel** also should apply online only. The payment of application fees shall be through online mode. They should however, take a print out of the online application form and forward the same through the respective Head Quarters to

**The Assistant Registrar(Academic-Admissions)**
**Pondicherry University**
**R.V. Nagar, Kalapet,**
**Pondicherry-605 014.**

9.Candidates can apply for more than one course. Before applying for another course the candidates may ensure that there is no "overlap of entrance exams among the courses to which they have applied". The Date and Time of Entrance Examination of each course is given along with the eligiblity criteria. The University will not be responsible, if the candidate could not take the entrance exam for a particular course(s), due to such overlapping.

10. Helpdesk facilities are available to candidates for help in filling the application form, payment of fees and clarification regarding entrance exam related matters.

11. After proper filling of the application form and payment of fee online, candidates can download their printable application from the University website by following the instructions therein.

## HALL TICKET

The Hall Ticket will be uploaded by the University after closing of application registration. **The candidate must download his/her hall ticket and produce at the examination centre.**

## ENTRANCE EXAM USING CBT METHODS

1.The Entrance Exam will be conducted using Computer Based Test methods. The candidates should report in time to the exam centre allotted for the entrance exam. After verification of hall ticket and other documents, he/she will be allowed to enter the test hall and will be allotted a separate computer system, User id and password. Necessary instructions will be given in advance.

Once the candidate logs into the system allotted, the respective question paper will be displayed on the screen and candidate can choose the correct answer by clicking on the choice. If the candidate later wants to change the choice already made for a particular question, the old choice can be removed and new choice made. On completion of answering the questions and/or before leaving the hall, the candidate should submit by clicking on the SUBMIT button on the screen. Once submitted, the candidate cannot redo/ continue the test. The Question paper will consist of 100 Multiple Choice questions to be answered in 120 minutes duration. A correct answer will be given 4 marks while negative mark of -1 will be given for a wrong answer. (Space for work sheet will be provided on request of the candidate)

2. **Defence personnel** must take the Online Based Entrance Test method at any one of the centers as notified by the University.

3. With regard to Ph.D subjects (e.g. Chemistry, Physics, etc.) which are offered both in the University departments and in the affiliated institution(s), the candidates should appear for a common entrance examination. The selection will be based on a common merit list. The candidates will have the option to join either the University department or the affiliated Institution as per their choice vis-à-vis their position in the merit list, subject to fulfillment of eligibility and residential conditions. In such cases, one application is enough.

## MOCK TEST DETAILS

To ensure that each candidate becomes familiar with online based test, a provision for Mock Test Trial is available on the website during the period of application and thereafter. A candidate can take the mock tests any number of times from anywhere, any time and thus become familiar with writing online based entrance examination.

## GENERAL CONDITIONS OF ADMISSION

■ Admission to the various courses of the University is open to all those who have the prescribed qualifications without any discrimination of race, caste, creed, language or sex.

■ Students should have, in general, obtained their Bachelor's/ Master's degree from a recognized University under 10+2+3 / 10+2+3+2 system, i.e., the candidate should have studied for 15 years to obtain his/her/ bachelor's degree and 17 years to obtain his/ her Master's degree to apply for admission to P.G. and Ph.D. programmes respectively offered at each school/ department/ centre.

■ The minimum eligibility criteria for different courses are as prescribed in the appropriate sections. Candidates qualified through other system of studies should obtain eligibility certificate from the University before admission.

■ Unless otherwise specifically stated, candidates should have secured a minimum of 50% of marks in part III (core and allied) of their U.G. degree examination for admission to courses under Humanities and Social Sciences subjects and a minimum 55% of marks in part III (core and allied) of their U.G. degree for admission to courses under science disciplines. For the Five Year Integrated Programmes, the candidates should have passed the +2 examination with at least 50% marks. **Eligibility marks will not be rounded off.** For example 49.99% will not be rounded off to 50% for the purpose of admission.

■ Candidates awaiting their results are also eligible to apply. Such candidates, however, must produce the mark sheet/ degree certificate as the proof of fulfilling the prescribed eligibility criteria on or before 1st September 2020 failing which provisional admission, if granted, will be cancelled.

## CRITERIA FOR RESOLVING TIE IN THE ENTRANCE EXAM MARKS

The following criteria shall be followed, in sequence to resolve ties, where candidates secure the same marks in the written test :

**For PG / Ph.D**

(a) **First criterion:** The Candidates with more positive marks in the entrance examination.
(b) **Second criterion:** The Candidates with less negative marks in the entrance examination.
(c) **Third criterion:** Twelfth standard (+ 2) or equivalent exam marks .
(d) **Fourth criterion:** 10th standard or equivalent marks.
(e) **Fifth criterion:** Age of the candidates (in days).
(f) **Sixth criterion:** In cases of ties that remain unresolved after applying the above five criteria, the criteria evolved by the University as deemed fit would be applied for resolution of the tie.

**For 5 Year Integrated PG:**

(a) **First criterion:** The Candidates with more positive marks in the entrance examination.
(b) **Second criterion:** The Candidates with less negative marks in the entrance examination.
(c) **Third criterion:** 10th standard or equivalent marks
(d) **Fourth criterion:** Age of the candidates (in days).
(e) **Fifth criterion:** In cases of ties that remain unresolved after applying the above four criteria, the criteria evolved by the University as deemed fit would be applied for resolution of the tie.

■ All admissions are provisional, subject to verification of required documents, as per prescribed norms.

■ Any course (P.G. degree and P. G. Diploma) may not be offered if sufficient number (at least 5) of students are not available.

■ The students will be required to take up a group health insurance (for hospitalization, etc.) through the University.

■ Admitted students are required to carry the University Identity Card all the time while they are inside the campus.

■ Students are instructed not to miss the classes since 70% of attendance is required to appear for the examination. Those who need accommodation in the hostels must report to their departments prior to registration and counselling.

■ The University reserves its right not to offer a course advertised, for any administrative or other reasons.

# ENTRANCE EXAMINATION CENTRES WITH CODES

The entrance examination for admission to each programme will be held as per the scheduled time table in the following centres provided sufficient number of candidates opt for the given centre. Candidates should indicate 2 centres in the order of preference in the Online application form. The University reserves the right in allocation of centres to the candidates depending on the availability and administrative factors. The candidates cannot claim allocation based on their option alone. They may also be alloted centres other than those opted by them. The University's decision on the allotment of centre is final.

| CODE AND CENTRE NAME | | | |
|---|---|---|---|
| 01 Aizwal | 11 Hyderabad | 21 Kakinada | 31 Puducherry |
| 02 Allahabad | 12 Imphal | 22 Lucknow | 32 Pune |
| 03 Bangalore | 13 Indore | 23 Madurai | 33 Ranchi |
| 04 Bhopal | 14 Jaipur | 24 Mangalore | 34 Sambalpur |
| 05 Bhubaneshwar | 15 Jammu | 25 Mahe/ Thalassery | 35 Shillong |
| 06 Chennai | 16 Karaikal | 26 Mumbai | 36 Srinagar |
| 07 Coimbatore | 17 Kochi | 27 New Delhi | 37 Thiruvananthapuram |
| 08 Chandigarh | 18 Kolkata | 28 Vellore | 38 Tiruchirapalli |
| 09 Guwahati | 19 Kozhikode | 29 Patna | 39 Vijayawada |
| 10 Gwalior | 20 Kottayam | 30 Port Blair (Andamans) | 40 Vishakapatnam |

# SELECTION PROCEDURE

### PG / PG Diploma programmes

The selection of candidates for admission to all the P.G./P.G.Diploma programmes except L.L.M programme & M.P.Ed will be based on the marks obtained in the entrance examination only with the following exceptions:

Overseas Candidates from SAARC countries who were selected for the MSG scholarships (Refer page 121).

For L.L.M programme see page 148 for detailed selection process.

For M.P.Ed programme selection will be based on Entrance Examination and Physical Fitness Test.

### Ph.D. programmes

The admission to the Ph.D Programmes shall be made as per the following criteria :

- Entrance Exam - 70 %
- Personal Interview & Academic Record - 30 %

■ NET/JRF qualified candidates with fellowships will be given direct admission to Ph.D. programmes. For further details refer the chapter "Admission requirements for Ph.D. Programmes".

■ The minimum cut off mark for general candidates in respect of Ph.D. admission shall be half of the average of the entrance examination marks scored by all the candidates in the respective subject. The minimum cut of mark for OBC/SC/ST/ Differently Abled candidates will be 10% below the cut off marks of the general category candidates.

■ For the purpose of working out the average, only 'zero' and above will be taken into account.

### Other Conditions

■ The entrance examination will be of 2 hours duration.

■ Mere appearance in the entrance examination does not entitle a candidate for admission to any course in this University. He/ she will be granted admission only if he/ she fulfils the eligibility criteria fixed for the courses. Even if a candidate is placed in the admission list based on his/ her performance in the entrance test but does not meet the eligibility criteria, he/ she will not be granted admission. Candidates are advised to take up the examination only if they satisfy the eligibility criteria.

■ Admission granted will be cancelled at any time, if it is found that the information furnished by the candidate is false or incorrect or if, at a later stage, it is found that the candidate does not fulfill the eligibility criteria prescribed for the course.

■ Individual entrance exam mark, rank and the list of selected/waitlisted candidates will be hosted on the University website along with admission schedule/ instructions.

■ **No individual admission intimation will be sent to the selected/ waitlisted candidates. Hence, the applicants are advised to see the University website regularly for updates regarding admission**.

■ The candidates selected for admission to M.Sc. & Ph.D. Marine Biology and Disaster Management offered in Andaman centre should give an undertaking in writing to the University that they join the course at their own risk and shall take an insurance policy to the tune of Rs.5 lakhs.

■ The University reserves the right to increase/ decrease the intake of any of the programmes. The University also reserves the right not to offer any of its courses due to administrative reasons.

# RESERVATION

**SC/ST Candidates**
In accordance with the policy of the Government of India and the guidelines of the University Grants Commission, the University has reserved 15% of seats in each course for candidates belonging to the Scheduled Castes and 7.5% seats for those belonging to the Scheduled Tribes with a provision for inter-changeability between these categories, wherever necessary. All SC/ST candidates who have passed the qualifying examination are eligible to apply for PG admission irrespective of the percentage of marks obtained in the qualifying examination except otherwise specified. Candidates should submit a certificate about their caste from a Revenue Officer not below the rank of the Tahsildar at the time of admission.

**OBC Candidates**
27% reservation for OBC category (Non-Creamy Layer) is impletemented by the University as per Government of India instructions.

**EWS Candidates**
In accordance with the policy of the Government of India, the University implements 10% reservation in admission for Economically Weaker Section (EWS) candidates in each course. The candidates have to produce the necessary certificate from the Revenue Department, in the format prescribed by Government of India.

**Differently abled Candidates**
5% of seats in each course are reserved for differently abled candidates. Each differently abled candidate shall be required to submit a certificate from a government hospital indicating the extent of physical disability and also the extent to which the disability hampers the candidate in pursuing his/her studies. The candidates may have to undergo a fresh medical examination if required by the University before being admitted. All differently abled candidates who have passed the qualifying examination are eligible to apply for PG admission irrespective of the percentage of marks obtained in the qualifying examination except otherwise specified.

**Candidates from the Union Territory of Puducherry**
25% of the seats are reserved for Puducherry Union territory candidates with respect to
M.B.A. (Tourism & Travel Management)
M.Sc. (Physics)
M.Sc. (Biochemistry & Molecular Biology)
M.Sc (Computer Science)
M.Sc. (Applied Geology)
M.A. (Economics)
M.Tech. (Computer Science & Engineering)
M.A. (Mass Communication)
M.A. (South Asian Studies)
Master of Library & Information Science
Master of Education
Master of Social Work
M.Tech. (Network & Information Security)
M.Tech. (Environmental Engineering & Management)
M.Sc. (Applied Psychology)
M.Sc. (Electronic Media)
M.Sc. (Food Science & Nutrition).
M.C.A.
M.Com (Business Finance)
20% reservation is given for Pondicherry UT candidates in MBA(Business Administration) course.

In respect of MCA, M.Sc. Computer Science & M.Com. (Business Finance) courses which are offered in both Karaikal and Puducherry campuses the reservation will be as follows:

Karaikal Campus: 25% for Karaikal residents failing which for students from other regions of Puducherry.

Puducherry Campus: 25% for Puducherry, Mahe & Yanam residents, failing which for students from Karaikal.

Two students hailing from the Union Territory of Puducherry shall be admitted to M.Sc. Biotechnology programme based on the merit list.

**Reservation of two seats under Supernumerary Quota for Jammu & Kashmir candidates:**
As per the instructions of UGC/AICTE, two seats under supernumerary quota have been created for admitting students from the State of Jammu & Kashmir in the following courses:
1. Five Year Intg. M.Sc programme in Physics, Chemisty & Applied Geology- 1 seat
2. Five Year Intg. M.Sc programme in Mathematics, Computer Science & Statistics- 1 seat
The admission shall be made based on the entrance examination.

**Reservation in Ph.D programmes offered in Affiliated Institutions**
The regional reservation to the Ph.D programmes offered at affiliated Institutions shall be made to the extent mentioned under the respective institutions in the chapter 'Ph.D ADMISSION REQUIREMENTS'.
The statutory reservation will be as per the concerned Government reservation adapted by the affiliated colleges.

**Definition of Residence of Union Territory of Puducherry**
(Subject to modifications issued by Govt. of Puducherry from time to time)

An applicant is considered to be a Puducherry resident if he/she is an Indian National and satisfies at least one of the following criteria:

(i) Candidates or his/her parents who have resided continuously in this Union Territory at least for the last five years as on 1-4-2020.

(ii) Candidates who have passed the Matric/S.S.L.C. or any other public examination and for that purpose had undergone academic studies continuously **for five successive classes preceding the qualifying examination** in a recognized educational institution located in this Union Territory, with continuous residence in this Union Territory during the said 5 years.

(iii) Children of native of U.T. of Puducherry who have declared any place in U.T. of Puducherry as their home town and so certified by their respective Heads of Office. Nativity Certificate in the prescribed format has to be enclosed. (G.O. Ms. No. 64, dated 25.05.2006)

(iv) a) Children whose parents are Central/State Government Servants/Defense Personnel/Central Paramilitary Forces/Employees of Public Sector Undertakings wholly or substantially owned either by the Central Government or by the Puducherry Administration posted and serving in U.T. of Puducherry for at least a minimum continuous period of **three** years immediately prior to the last date of submission of applicaton.

b) Children of the above said employees should have studied HSC/S.S.L.C. (9th and 10th Standard) of two years in any of the schools in the U.T of Puducherry and should have passed the qualifying examinations(HSC/S.S.L.C) from the same school. (G.O. Ms. No. 04, Puducherry dated 09.02.2016 of the Chief Secretariat (Hr. & Tech.Edn.), Puducherry).

v) Children of Defense Personnel who were killed or disabled in action and who have declared Puducherry as their home town.

vi) French nationals in U.T. of Puducherry and covered by the terms of the "Treaty of Cession of the French Establishments of Pondicherry, Karaikal, Mahe and Yanam" shall be treated on par with candidates who produce the prescribed Puducherry State Residence Certificate. Such French nationals will not be required to produce Residence Certificate but instead should produce a "Certificate of Registration" issued for this purpose by the French Consulate at Puducherry. Children of French Nationals shall not be considered for admission under the quota of non-residents.

**Admission of Defence Personnel**

1) Admission will be provided for Army and Air Force Personnel in the following courses of Pondicherry University as per the number of seats mentioned against each in accordance with the terms and conditions of the MoU and regulations of the University.

| Sl.No. | Name of the Course | No. of Seats |
|---|---|---|
| | **ARMY PERSONNEL** | |
| 1. | M.A (South Asian Studies) | 10 |
| 2. | MBA (All five) | 2 each (10) |
| 3. | Ph.D. - All subjects of Social Sciences and Humanities (External / Full time) | Maximum of 20 per year (subject to a maximum of 2 seats in each Department) |
| 4. | Resident Research Scholars in South Asian Studies (Chairs of Excellence) | Maximum of five per year |
| | **AIR FORCE PERSONNEL** | |
| 1 | MBA (Business Administration) | 4 |
| 2 | MBA (International Business) | 4 |
| 3 | Ph.D. - All subjects of Social Sciences and Humanities (External / Full time) | 5 |
| 4 | M.A South Asian Studies | 5 |
| 5 | Resident Research Scholars in South Asian Studies (Chairs of Excellence) | 5 |
| 6 | M.Tech (ECE) | 2 |
| 7 | M.Tech (Computer Science) | 2 |
| 8 | M.Tech (Nanoscience and Technology) | 2 |

2) The number of seats to be allotted will be over and above the sanctioned strength in each subject mentioned above.

3) The defence personnel nominated by the respective Headquarters have to fulfill the minimum eligibility criteria prescribed for various courses.

4) The nominated defence personnel shall, however, write the Entrance Examination. A separate merit list will be prepared for these seats from amongst the defence candidates.

**Concession for the Wards of Kashmiri Migrants in Admissions Based on the Instructions of MHRD:**

(i) Relaxation in cut-off percentage up to 10% subject to minimum eligibility requirement.
(ii) Increase in intake capacity up to 5% course-wise.
(iii) Reservation of at least one seat in merit quota in technical/ professional institutions.
(iv) Waiving of domicile requirements for Kashmiri migrants only. Kashmiri Pandits/ Kashmiri Hindu Families (Non- Migrants) living in the Kashmiri Valley need domicile certificate.

# ADMISSION REQUIREMENTS

## Admission requirements for Ph.D. programmes

**Educational Qualification**
**(Ph.D. Full-time and Part-time)**

(a) Candidates who have studied under 10+2+3+2 pattern of education (or 10+2+5) and qualified for the Master's Degree in the subject concerned or in an allied subject and have qualifications as prescribed by the regulations for the subject concerned under all the Schools/ Departments/ Centres of Humanities and Social Sciences, Management, Commerce, Science, Education, Fine Arts and Languages and such other disciplines of Pondicherry University, or a degree accepted as equivalent by the University securing a minimum of 55% marks (or equivalent grade).

(b) Candidates who have studied under 10+2 pattern of education and qualified for the Master's degree in the Schools/ Faculty of Law, Engineering and Technology, Agriculture, Veterinary Science or the degree of Doctor of Medicine or Master of Surgery in the Faculty of Medicine/Dentistry/Paramedical of this University or any other University, through regular full time study, recognized by this University securing a minimum of 55% marks (or equivalent grade).

(c) Candidates who have studied under 10+2 pattern of education and qualified for the Degree of Master of Science of three-year duration in the School/ Faculty of Medicine of this University or of any other university recognized by this University securing a minimum of 55% marks (or equivalent grade).

(d) Candidates of Indian origin or overseas students who have qualified for a Master's degree of an accredited overseas university securing a minimum of 55% marks (or equivalent grade).

(e) A relaxation of 5% of marks, from 55% to 50%, or an equivalent relaxation of grade is allowed for those belonging to SC/ST/OBC(non-creamy layer)/differently-abled categories.

**Requirement of Experience & Other Conditions**
**Ph.D. Part-Time (Internal)**

(a) Teacher candidates working in College/ University departments and such other institutions recognized by Pondicherry University with at least two years of continuous teaching experience at degree and/ or post-graduate level in the subject concerned.

(b) Teacher candidates teaching in Recognized Schools at the Higher Secondary School level/ Polytechnic colleges situated within the jurisdiction of Pondicherry University and have put in at least 5 years of continuous teaching experience in the subject concerned after obtaining Master's Degree

(c) Non-teaching staff employed in a time scale of pay in this University and other affiliated research institutions provided that (i) the candidate has at least 7 years of work experience after obtaining Master's Degree of which at least two years should be relevant to the field of research, proof of which to be evidenced through two research papers published in UGC approved journals(wherever applicable) or standard journals OR (ii) the candidate has at least 5 years of work experience with M.Phil. in the subject concerned and published two research papers in UGC approved journals(wherever applicable) or standard journals in the subject concerned.

(d) Candidates under the regulations of part-time (Internal) shall be required to carryout part time research work in the concerned department or in a department approved for research by this University. Interdisciplinary research for such part-time internal candidates shall be allowed only with the approval of the Chairperson of the Academic Council.

(e) Candidates under the regulations of part-time (Internal) are prohibited from engaging in any other assignment/employment or joining any other course of study without the prior approval of the Chairperson of Academic Council.

**Requirement of Experience & Other Conditions**
**Ph.D. Part-time (External)**

(a) Permanent academic staff of colleges/ universities/ other educational institutions of higher learning/ research & development laboratories and organizations with at least three years of continuous teaching/ research experience.

(b) Employees with a minimum of ten years of experience after obtaining Master's degree in Government, Local Bodies, recognized Institutes, Public Sector Undertakings, Non-Governmental Organizations, provided the candidate has experience in the relevant field of research for at least three continuous years out of ten years of service and has published, at least, two papers in UGC approved journals or standard journals or reports/ monologues/ book of equivalent standard or a patent registered, in the concerned subject/ area of research.

(c) Technocrats, scientists, social scientists & scholars and administrators with at least 10 years of experience in India or abroad after obtaining Master's Degree and educational qualifications as prescribed for Ph.D. full-time and Part-time programme, having sufficient exposure in research & development and generated useful data/ patent/ knowledge as evidenced by at least two papers in UGC approved Journals or Standard Journals or report/ monologues/ book of equivalent standard or patent registered in the concerned subject/ area of research.

**General Conditions**

(a) The candidate would be required to give a seminar before the Admission Committee on the proposed topic of research in the concerned School/ Department/ Centre. The admission committee/University may also adapt any other method of evaluation of the candidate which will also form the basis for considering the provisional admission to the candidate. The Admission Committee/ University should be convinced of the potential of the candidate to carry out research.

(b) All the Ph.D. applicants called for inteview should submit at the time of interview, a clear written proposal of the research to be conducted, giving sufficient back-ground material and the proposed line of research, and obtain the consent of a research supervisor duly recognized by the University within the University area. In case of candidates working outside the University area, a co-supervisor duly recognized by the University may be permitted, if necessary, in addition to the University Supervisor on the recommendation of the Doctoral Committee.
Mere possession of required educational and other qualifications and being called for interview alone can not be claimed as a right for admission to the Ph.D. programme in the University.

**Mode of admission**
(Full-time and Part-time)

(a) The admission to the Ph.D programmes shall be made as per the following criteria :

- Entrance Exam - 70 %
- Personal Interview & Academic Record - 30 %

The candidates mentioned in para (b), (c), (d), & (e) below are exempted from writing entrance test.

(b) Regular Teacher candidates awarded QIP/FIP by UGC/AICTE or such other organization of Government of India working in institutions admitted to the privileges of this University and other universities provided they are qualified, have at least one year of continuous teaching experience at degree and/ or post-graduate level in the subject concerned and granted leave for the required period to do full-time PhD are exempted from the admission test.

(c) The admission test is waived off for candidates who have qualified the National Eligibility Test conducted by UGC/ CSIR or such other National Level examination recognized by the University as equivalent, and awarded a Junior Research Fellowship (JRF) for pursuing Doctoral research. In case of candidates belonging to SC/ST/Minorities/ any other reserved categories, admission test is waived off provided such candidates have qualified in the National Level Exam/Test conducted by a Government Agency and awarded Fellowship for pursuing Doctoral research. These candidates could be admitted at the beginning of monsoon and winter semesters, on the recommendation of the Ph.D. Admission Committee. NET qualified candidates without JRF will have to take the entrance test.

(d) Candidates admitted under MoU between Pondicherry University and a university/institution in India or abroad where specific clause(s) exist for registration of candidates to PhD degree by the university and those selected under international cultural/educational exchange schemes of Government of India/ UN bodies are exempted from taking the admission/entrance test.

e) Regular teachers of Pondicherry University and Regular teachers from affiliated colleges who have cleared the NET Lecturership and who seek admission to part-time Ph.D. are exempted from the Entrance Exam and are eligible to register immediately after completing their probation in the University/ College.
(f) Non-resident Indians and foreigners residing/ working abroad and working in academics/ research/ industry at least for ten years after obtaining Master's degree, are also exempted from entrance test but they shall give a seminar in person/through video conferencing before the Admission Committee which shall evaluate and give its opinion about suitability of the candidate for admission to the Ph.D. Part time (external) program. NRI and foreign candidates with enormous professional experience and having proven aptitude for the research exhibited through publications will only be considered by the admission committee under this clause. Their publications will be evaluated by the Department Committee before called for giving a seminar. NRI and foreign candidates who apply for Ph.D. (Full-time) programme and fulfill the required eligibility criteria for Ph.D. (Full-time) are also exempted from the entrance test, but they shall give a seminar before the Admission Committee.

**Note for Ph.D Admission under Exemption category**
The eligibility for exemption from the entrance examinations will be decided by the Admission Committee on a stringent criteria and the decision of the committee will be final in this regard. The Admission Committee is expected to meet only after the dates of the entrance examinations. In the past, many candidates who have claimed exemption, have not been finally found eligible for such exemption. Keeping the above in view, hall tickets for entrance examination will be issued, including for those who have claimed "exemption from entrance examination" in the application form. It is up to the candidate, at their own risk, to decide whether to write the entrance examination or stick to their claim for exemption. Since there is a possibility that the claim for exemption from entrance examination by the candidate may be rejected by the Admission Committee, **all candidates are advised to take-up the entrance examination,** if they are not very clear about their claim for exemption.

## Ph.D. ADMISSION REQUIREMENTS

| Course Code | Subject | Intake | Eligibility criteria for admission | Date & time of Entrance Examination |
|---|---|---|---|---|
| 167 | Adult & Continuing Education | - | Master's degree in Humanities, Social Sciences or any other related discipline with a minimum of 55% of marks | - |
| 101 | Anthropology | 4* | Master's degree in Anthropology with a minimum of 55 % of marks. | - |
| 157 | Applied Psychology | - | Master's degree in Psychology/ Applied Psychology with a minimum of 55% of marks | - |
| 143 | Asian Christian Studies | - | M.A. degree in Christian studies from any University or its equivalent with a minimum of 55% of marks | - |
| 146 | Banking Technology | - | MBA (Banking Technology)/ MBA (Finance/ Systems)/ M.Com. Business Finance/ PGDM of IIMs/ equivalent Management Degree with Banking/ Finance specializations/ M.E./ M.Tech. (Computer Science/ Information Technology)/ MCA / M.Sc. (Computer Science)/ M.Sc. (Information Technology)/ other professional degrees like C.A., ICWAI, ACS, CAIIB, etc. with a minimum of 60% of marks in all degrees | - |
| 102 | Biochemistry & Molecular Biology | 4* | Master's degree in Biochemistry/ Molecular Biology/ Biotechnology/ Microbiology/Life Sciences/Zoology/Botany or in any other related areas with a minimum of 55% of marks. | - |
| 104 | Bioinformatics | 12 | Master's degree in Bioinformatics/ Life Sciences/ Computer Science/ Physics/ Chemistry/ Applied Mathematics/ Statistics/ IT & Engineering or any other relevent areas with a minimum of 55% of marks. | SLOT-II |
| 103 | Biotechnology | 9 | Master's degree in Agriculture/Bioinformatics/ Biochemistry/ Biotechnology/Botany/ Microbiology/ Veterinary Science/ Zoology or in any other related areas with a minimum of 55% of marks | SLOT-VII |
| 107 | Chemistry | 22 | Master's degree in Chemistry/Chemical Sciences and any other related areas in Chemistry with a minimum of 55% of marks. Candidates wishing to apply for the fields of Physical Chemistry should have studied mathematics at +2 level and those for theoretical Chemistry should have studied allied mathematics at B.Sc. level. For organic and inorganic chemistry fields, mathematics at +2/B.Sc level is not mandatory. | SLOT-IX |
| 105 | Commerce | 4* (Karaikal) | Master's degree in Commerce with a minimum of 55% of marks | - |

*Note: Candidates who have qualified for JRF(UGC-NET/CSIR-NET/DBT-BINC) are exempted from entrance exam. They can apply directly.*

** Only UGC/CSIR-NET with JRF Fellowship holders will be considered and they are exempted from Entrance Exam.*

| Course Code | Subject | Intake | Eligibility criteria for admission | Date & time of Entrance Examination |
|---|---|---|---|---|
| 106 | Computer Science & Engg./ Computer Science # | 9 Full time<br>2 Part time/ Full time<br>8 JRF* (Puducherry)<br>5 Full time (Karaikal) | M.E. / M.Tech in Computer Science and Engineering/ Network and Internet Engineering/ Network and Information Security or Information Technology OR MCA/ M.S./ M.Sc. in Computer Science/ Information Technology/ Software Engineering or equivalent with a minimum of 55% of marks | SLOT-IX |
| 147 | Disaster Management (Port Blair, Andamans) | - | Master's degree in Geology/ Geography/ Geo-Physics/ Chemistry/ Physics/ Maths/ M.Tech./ ME in Computer Science or related field with a minimum of 55% of Marks | - |
| 140 | Drama & Theatre Arts | - | Master's degree in Drama & Theatre Arts or any discipline in Performing Arts with a minimum 55% of marks and should have knowledge and experience in Drama and Theatre Arts | - |
| 110 | Earth Sciences | 8 | Master's degree in Geology/Applied Geology/Marine Geology/ Geophysics with a minimum of 55% of marks. | SLOT-I |
| 111 | Ecology & Environmental Sciences | - | Master's degree in Ecology & Environmental Sciences or anyrelated branch of Science or Technology with a minimum of 55% of marks. | - |
| 108 | Economics | 6* | Master's degree in Economics with a minimum of 55% of marks | - |
| 151 | Education | 8 | M.Ed/M.Ed. (Elementary Education)/ M.Ed. (Educational Technology)/ M.A. Education with B.Ed./ M.Sc.Education with B.Ed. with a minimum of 55% of marks | SLOT-III |
| 154 | Electronic Media | - | Master's Degree with 55% of marks in Electronic Media, Journalism, Mass Communication, Fine Arts, Visual Arts & Performing Arts | - |
| 138 | Electronics and Communication Engineering | 4 | B.E./B.Tech. degree followed by M.E/M.Tech. degree in Electronics/ Communication Systems/ Electronics and Communication Engineering/ Electronics and Telecommunication Engineering / other related specializations with an overall minimum aggregate of 55% of marks in the qualifying examination (M.E./M.Tech.) | SLOT-I |
| 109 | English | - | Master's degree in English with a minimum of 55% of marks | - |
| 112 | Environmental Technology | 4 | Master's degree in Science/ Technology with a minimum of 55% of marks | SLOT-VIII |
| 169 | European Studies | - | Master's degree in Social Sciences and European Languages with a minimum of 55% of marks | - |
| 152 | Food Science & Nutrition | - | Master's degree in Food Science and Nutrition/ Home Science/ Microbiology/ Biotechnology with a minimum of 55% of marks | - |
| 158 | Food Science & Technology | - | Master's degree in Food Science and Technology/Food Engineering/Food Technology/ Food Process Engineering/ Agricultural Engineering/ Chemical Engineering/ Microbiology/Industrial Biotechnology/ Biotecnology with a minimum of 55% of marks | - |

*# Candidate admitted for Ph.D. Programme with*
*i) Masters in Computer Science & Egineering or equivalent Engineering Degree will be offered Ph.D. in Computer Science & Engg. Degree*
*ii) Masters in Computer Science or Computer Applications or equivalent Science degree will be offered Ph.D. in Computer Science Degree*

** Only UGC/CSIR-NET with JRF Fellowship holders will be considered and they are exempted from Entrance Exam.*

| Course Code | Subject | Intake | Eligibility criteria for admission | Date & time of Entrance Examination |
|---|---|---|---|---|
| 113 | French | - | Master's degree in French with a minimum of 55% of marks | - |
| 159 | Green Energy Technology | 12 | **Bioenergy and Biofuels (2):** M.Tech Biotechnology OR M.Tech. Energy/ Green Energy Technology/ Nanotechnology/ Environmental Engineering with B.Tech in Biotechnology with at least 55% marks in qualifying examination. **Materials for Energy Conversion and Storage (6):** M.Sc. Physics/ Chemistry (with allied Mathematics at BSc level)/ Materials Science OR M.Tech. Energy /Green Energy Technology with B.E./B.Tech in Electrical Engineering/ Electronics with at least 55% marks in qualifying examination. **Solar Thermal Energy Technology (2):** M.Sc. Physics OR M.Tech Energy/ Thermal Engineering/ Green Energy Technology with at least 55% marks in qualifying examination. **Solar Photovoltaics (2):** MSc -Physics/ Material Science OR M.Tech Material Science/ Nanatechnology /Energy/ Green Energy Technology with B.E /B.Tech in Material Science /Electronics Engineering with at least 55% marks in qualifying examination. | SLOT-VIII |
| 115 | Hindi | 4 | Master's degree in Hindi with a minimum of 55% of marks | SLOT-V |
| 114 | History | - | Master degree in History/ Ancient History and Archaeology with a minimum of 55% of marks. | - |
| 145 | International Business | 6* | MBA (International Business) MBA (Marketing, Finance, HR, Tourism, Systems), MIBA, M.Com., Master's degree in Foreign Trade, Economics, and other relevant disciplines with a minimum of 55% of marks. | - |
| 144 | Law | - | Master's degree in Law with a minimum of 55 % marks | - |
| 156 | Library & Information Science | - | Master's degree in Library and Information Science with a minimum of 55% marks | - |
| 117 | Management<br>Specialization<br>HumanResource- 2*<br>Finance - 3+2*<br>Insurance - 1* | 3+4*<br>(Puducherry)<br>1*<br>(Karaikal) | Master's degree in Business Administration, Management, Commerce, Industrial Engineering, Industrial Management, Production Engineering, Foreign Trade, Operations Research, Statistics, Public Administration, Sociology, Social Work, Economics, Psychology, Tourism, Hospitality, Hospital Management, Mass Communication and other relevant disciplines with a minimum of 55% of marks. Candidates with affiliation to Professional bodies such as ICAI, ICSI and ICWAI and any other relevant disciplines may also be considered. | SLOT-II |
| 119 | Marine Biology (Port Blair, Andaman) # | 8 | Master's degree in Marine Biology / Zoology / Botany / Biochemistry / Biotechnology / Fisheries / Life Science with a minimum of 55% of marks | SLOT-III |
| 155 | Mass Communication | 6 + 2* | Master's Degree with 55% of marks in Mass Communication, Journalism, Electronic Media | SLOT-II |
| 174 | Maritime Studies | - | M.A. in Political Science/International Relations/South Asian Studies/Security Studies/Economics/History/Maritime related studies with minimum of 55% of marks. | - |

*# Admission process for Ph.D will be carried out at Department of Ocean Studies and Marine Biology in the University campus at Port Blair.*

** Only UGC/CSIR-NET with JRF Fellowship holders will be considered and they are exempted from Entrance Exam.*

| Course Code | Subject | Intake | Eligibility criteria for admission | Date & time of Entrance Examination |
|---|---|---|---|---|
| 118 | Mathematics | 4* | Master's degree in Mathematics with a minimum of 55% of marks | - |
| 128 | Microbiology | 4+5* | Master's degree in Microbiology/ Biotechnology/ Botany/ Biochemistry/Veterinary Science/ Zoology/Medicine or in any other related areas with a minimum of 55% of marks. | SLOT-IX |
| 160 | Nanoscience and Technology | 14 | M.Sc. Physics(05), M.Sc. Chemistry(01) M.Sc. Biotechnology (02) M.Tech in Nanoscience and Technology(05) M.Tech. Material Science(01) with a minimum of 55% of marks | SLOT-III |
| 120 | Philosophy | - | Master's degree in Philosophy with a minimum of 55% of marks | - |
| 121 | Physical Education & Sports | 7 | Master's degree in Physical Education with a minimum of 55% of marks | SLOT-V |
| 122 | Physics | 16 + 4* | Master's degree in Physics/ Material Science and Technology with a minimum of 55% of marks | SLOT-II |
| 116 | Politics & International Studies | - | Master's degree with at least 55% marks in Political Science, International Relations, Area Studies, Public Administration and Defence Studies | - |
| 123 | Sanskrit | 6 | Master's or Acharya degree in Sanskrit with a minimum of 55% of marks | SLOT-II |
| 170 | Social Exclusion and Inclusive Policy | - | Master degree in Anthropology/ Sociology / Social Work with a minimum of 55% of marks. | - |
| 153 | Social Work | 5* | Master's degree in Social Work with a minimum of 55% of marks | - |
| 124 | Sociology | 6 | Master's degree in Sociology with a minimum of 55% of marks | SLOT-V |
| 150 | South Asian Studies | - | M.A. in Political Science/ International Relations/ South Asian Studies/ Economics/ related Social Sciences disciplines with minimum of 55% of marks | - |
| 161 | Southern Asia Studies | - | M.A. in Political Science/ International Relations/ South Asian Studies/ Economics/ History/ Sociology/ Defence Studies or related disciplnes with minimum of 55% of marks | - |
| 149 | Statistics | 8 | Master's degree in Statistics with a minimum of 55% marks | SLOT-V |
| 125 | Tamil | - | Master's degree in Tamil with a minimum of 55% of marks | - |
| 142 | Tourism Studies | 4* | M.B.A Tourism, M.T.A, M.A. (Tourism), M.T.M, Master's degree in Hospitality Management, M.B.A with a minimum of 55% of marks. | - |
| 126 | Women's Studies | - | Master's degree in any Social Science discipline with a minimum of 55% of marks | - |

* *Only UGC/CSIR-NET with JRF Fellowship holders will be considered and they are exempted from Entrance Exam.*

# Ph.D. PROGRAMMES OFFERED IN AFFILIATED COLLEGES/ INSTITUTIONS OF PONDICHERRY UNIVERSITY

## ICMR-Vector Control Research Centre (VCRC), Puducherry

(The Centre follows the policy of Govt. of India and the guidelines of University Grants Commission/ Pondicherry University with regard to Reservation)

| Course Code | Subject | Intake | Eligibility criteria for admission | Date & time of Entrance Examination |
|---|---|---|---|---|
| 129 | Zoology (Full Time-5) (Part time internal -1) | 6 | Master's degree in Zoology/ Medical Entomology/ Public Health Entomology or any other related area with minimum of 55% of marks. | SLOT-V |
| 128 | Microbiology (Full Time) | 5 | Master's degree in Microbiology (General/Medical) or Molecular Biology/Genetics/Virology/Immunology or any other related area with minimum of 55% of marks. | SLOT-IX |

## Regional Medical Research Centre (RMRC), Port Blair, A&N Islands

(Reservation for admission to Ph.D. programme is made as per University norms. Admission to Ph.D. programme is made on All India basis)

| | | | | |
|---|---|---|---|---|
| 135 | Medical Entomology | 1 | Master's degree in Public Health Entomology/Medical Entomology/ Entomology / Zoology | SLOT-I |
| 171 | Medical Microbiology | 2 | Master's degree in Medical Microbiology/Microbiology/Applied Microbiology/Biotechnology/Molecular Biology | SLOT-VI |

## Kanchi Mamunivar Government Institute for P.G. Studies and Research, Puducherry

*(Ph.D. admissions are restricted to candidates belonging to Union Territory of Puducherry only)*

| | | | | |
|---|---|---|---|---|
| 136 | Botany | 4 | Master's degree in the subject concerned or a Master's degree accepted as equivalent by the University with a minimum of 55 % of marks | SLOT-III |
| 122 | Physics | 4 | Master's degree in Physics/ Material Science and Technology with a minimum of 55 % of marks | SLOT-II |
| 125 | Tamil | 2 | Master's degree in Tamil with a minimum of 55% of marks | SLOT-III |
| 129 | Zoology | 3 | Master's degree in the subject concerned or a Master's degree accepted as equivalent by the University with a minimum of 55 % of marks | SLOT-III |
| 118 | Mathematics | 1 | Master's degree in the subject concerned or a Master's degree accetpted as equivalent by the University with a minimum of 55% of marks. | SLOT-IX |
| 105 | Commerce | 5 | Bachelor's and Master's degree in Commerce with a minimum of 55% of marks. | SLOT-IX |
| 109 | English | 2 | Master's degree in English with a minimum of 55% of marks | SLOT-III |

## ● Pondicherry Engineering College (PEC), Puducherry

*(Reservation shall be in accordance with the policy of the UT Government of Puducherry. 75% of the seats are reserved for candidates from UT of Puducherry and 25% of the seats reserved for candidates from other States/UTs.)*

| Course Code | Subject | Intake | Eligibility criteria for admission | Date & time of Entrance Examination |
|---|---|---|---|---|
| 107 | Chemistry | 2 | Master's degree in Chemistry / Chemical Sciences / Material Science / Applied or Industrial Chemistry / Pharmaceutical Chemistry / any other related areas in Chemistry with a minimum of 55% of marks.<br>Candidates wishing to apply for the fields of Physical Chemistry / Photochemistry / Materials Science should have studied maths at +2 level and those for Theoretical Chemistry should have studied allied maths at B.Sc level. | SLOT-IX |
| 137 | Civil Engineering | 6 | (a) B.E./B.Tech degree and M.E./ M.Tech. degree in Civil Engineering with a minimum of 55% of marks or equivalent with specialization in:<br>i) Structural Engineering ii) Geotechnical Engineering<br>iii) Hydraulic & Water Resource Engineering iv)Ocean Engineering v) Environmental Engineering / Environmental Technology / Advanced Construction Technology vi) Geo informatics<br>(b) B.E/B.Tech degree and M.E. / M.Tech. degree with a minimum of 55% marks or equivalent with specialization in: Energy Technology / Environmental Engineering/ Environmental Management/ Biotechnology/ Chemical Engineering/ Industrial Biotechnology | SLOT-II |
| 106 | Computer Science & Engineering | 41 | B.E./ B.Tech degree in CSE/IT/ECE/EEE/E&I and M.E. / M.Tech in Computer Science and Engineering or Information Technology with a minimum of 55% marks. | SLOT-IX |
| 141 | Electrical and Electronics Engg. | 21 | B.E./B.Tech. degree in Electrical and Electronics Engineering/ Electronics and Instrumentation and M.E/ M.Tech. degree in Electrical and Electronics Engineering/ other related specializations with a minimum of 55% of marks. | SLOT-II |
| 138 | Electronics & Communication Engg. | 21 | B.E./B.Tech. degree in Electronics and Communication Engineering and M.E/M.Tech. degree in Electronics/ Communication Systems/ Electronics and Communication Engineering/ any related specializations with an overall minimum aggregate of 55% of marks or equivalent in the qualifying examination M.E./M.Tech. | SLOT-I |
| 118 | Mathematics | 3 | Master's degree in Mathematics with a minimum of 55 % of marks | SLOT-IX |

## Pondicherry Engineering College (PEC), Puducherry

*(Reservation shall be in accordance with the policy of the UT Government of Puducherry. 75% of the seats are reserved for candidates from UT of Puducherry and 25% of the seats reserved for candidates from other States/UTs.)*

| Course Code | Subject | Intake | Eligibility criteria for admission | Date & time of Entrance Examination |
|---|---|---|---|---|
| 139 | Mechanical Engg. | 23 | B.E./ B.Tech. Degree in mechanical Engg. and M.E./M.Tech. Degree in Mechanical Engg./other related specilization listed here, with a minimum of 55% of marks. i) Energy Engineering/ Technology ii) I.C. Engines iii) Thermal Engineering iv) Refrigeration & A.C. Engineering v) Engineering Design vi) CAD vii) CAD/CAM viii) Product Design and Manufacturing ix) Manufacturing Engineering x.) Producation Engineering xi) Foundry Engineering xii) Welding Technology xiii) Logistics and SCM<br>b) M.E./M.Tech Degree in other branch of Engineering with a minimum of 55% of marks with specilization in i) Chemical Engineering ii) Ocean Engineering iii) Nano Science and Technology iv) Industrial Engineering/Management v) Environmental Engineering vi) Structural Engineering vii) Industrial Metallurgy viii) Automobile Engineering ix) Aerospace Engineering x) Materials Science and Engineering. | SLOT-I |
| 122 | Physics | 6 | Master's degree in Physics/ Material Science and Technology with a minimum of 55 % of marks | SLOT-II |

## Sri Manakula Vinayagar Engineering College, Puducherry

*(Reservation shall be in accordance with the policy of the UT Government of Puducherry. 75% of the seats are reserved for candidates from UT of Puducherry and 25% of the seats reserved for candidates from other States/UTs.)*

| | | | | |
|---|---|---|---|---|
| 139 | Mechanical Engg. | 7 | B.E./ B.Tech. degree and M.E./ M.Tech. degree in Mechanical Engg. or a Master's degree accepted as equivalent by the University with a minimum of 55 % of marks | SLOT-I |

## Zoological Survey of India (ZSI), Port Blair

*(Admission will be made on All India basis)*

| | | | | |
|---|---|---|---|---|
| 111 | Ecology | 1 | Master's degree in Zoology/Marine Biology/Wildlife Biology/ Ecology/ Life Sciences with a minimum of 55% of marks | SLOT-IX |
| 132 | Taxonomy | - | Master's degree in Zoology/Marine Biology/ Wildlife Biology/ Ecology/ Life Sciences with a minimum of 55% of marks | - |
| 133 | Zoogeography | 1 | Master's degree in Zoology/Marine Biology/Wildlife Biology/ Ecology/ Life Sciences with a minimum of 55% of marks | SLOT-II |

## ● Bharathidasan Govt. College for Women, Puducherry

*(Admission and Reservation will be made on All India basis)*

| | | | | |
|---|---|---|---|---|
| 134 | Home Science (All branches) | 7 | Master's degree in any branch of Home Science with a minimum of 55% of Marks. | SLOT-I |

## ● Mother Theresa Post Graduate & Research Institute of Health Sciences, Puducherry

*(Reservation shall be in accordance with the policy of the UT Government of Puducherry. 75% of the seats are reserved for candidates from UT of Puducherry and 25% of the seats reserved for candidate from other states/UTs.*)*

| | | | | |
|---|---|---|---|---|
| 172 | Pharmacy | 4 | Master's degree in Pharmacy with minimum of 55% of marks or equivalent grade. The degree should have been obtained from an Insitution approved by Pharmacy Council of India and AICTE. | SLOT-III |
| 173 | Nursing | 5 | M.Sc(N) of any speciality with minimum of 55% marks and registered at any State Nursing Registration Council | SLOT-II |

** If any vacancy arises, conversion may be done to ensure filling of seats which may not be applicable for SC/ST category.*

## ● College of Nursing, Pondicherry Institute of Medical Sciences, Puducherry

*(Reservation as applicable for Minority Insitution and the admission will bemade on All India basis.)*

| | | | | |
|---|---|---|---|---|
| 173 | Nursing | 4 | M.Sc(N) of any speciality with minimum of 55% marks and registered at any State Nursing Registration Council | SLOT-II |

## ● Ecole Francaise D'extreme- Orient, Puducherry

*(Admissions are made on All India basis)*

| | | | | |
|---|---|---|---|---|
| 123 | Sanskrit | - | Master's or Acharya degree in Sanskrit with a minimum of 55% of marks | - |

**Note:**

1) With regards to Ph.D disciplines like Chemistry, Physics, etc. which are offered both in the University departments and in the affiliated institution(s), the candidates should appear for a common entrance examination. The selection will be based on a common merit list. The candidates will have the option to join either the University department or the affiliated Institution as per their choice vis-à-vis their position in the merit list, subject to fulfillment of eligibility and residential conditions.
2) The intake for Ph.D programmes are subject to change based on the availability of vacancies with the concerned supervisors.
3) For Ph.D programmes of affiliated colleges, the entrance exam is conducted by the University. Further, selection process will be done by the respective college/institution. The admission to said Ph.D programmes subject to the condition that the college/ institution has University approval i.e. continuance of affiliation/recognition to conduct the Ph.D programmes for the academic year 2020-21.

## POSTGRADUATE PROGRAMMES

| Course Code | Title of P.G. course and Subject | | In-take | Eligibility criteria for admission | Date & time of Entrance Examination |
|---|---|---|---|---|---|
| 349 | M.A. | Anthropology | 45 | Bachelor's degree in any discipline with a minimum of 50 % of marks | SLOT-IX |
| 350 | M.A. | Economics | 78 | Bachelor's degree in Economics (with Quantitative Techniques / Statistics) or any Bachelors degree in Social Sciences with Economics as a subject mathematics as a subject at +2/ Higher Secondary level or Bachelor's degree in Commerce or Bachelor's degree in Engineering/ Mathematics/ Statistics/ Operations Research/ Cooperation and Banking with a minimum of 50% of marks, as recognized by Pondicherry University or as recognized by the UGC | SLOT-IV |
| 356 | M.A. | English & Comparative Literature | 125 | Bachelor's degree in English with a minimum of 50% of marks in part III or a high second class in English under part I or Part II. | SLOT-VIII |
| 357 | M.A. | French (Translation & Interpretation) | 75 | Bachelor's degree in French with a minimum of 50%. (or) any undergraduate degree with 2 years of French in Part-1 with atleast 55% of marks in French and 50% in the aggregate of the main subjects in Part-III. (or) any undergraduate degree with an aggregate of 50% in the main subjects in Part-III with 3 years of French(from Certificate to Advanced Diploma) in a university, or an accrediated institution (or) DELF B1 from CIEP, Paris. | SLOT-II |
| 358 | M.A. | Hindi | 32 | Bachelor's degree in Hindi with a minimum of 50% of marks or any degree with Hindi as a subject of study under part I or II or Pass in any recognised degree awarded by the voluntary Hindi Organisations recognised by the Government of India. | SLOT-III |
| 359 | M.A. | History | 60 | Bachelor's degree in History with 50% minimum marks or B.A. in social sciences (political science, economics and sociology) with history as an ancillary or subsidiary paper with 50% marks | SLOT-VII |
| 408 | M.A | Human Rights and Inclusive Policy | 20 | Bachelor's degree in any discipline with a minimum of 50% of marks | SLOT-IV |
| 386 | M.A. | Mass Communication | 60 | Bachelor's degree in any discipline with a minimum of 50% of marks | SLOT-IV |
| 361 | M.A. | Philosophy | 39 | Bachelor's degree in any discipline with a minimum of 50% of marks | SLOT-I |
| 362 | M.A. | Politics and International Relations | 60 | Bachelor's degree in any discipline with a minimum of 50% of marks | SLOT-VI |
| 399 | M.A | Political Science | 50 | Bachelor's degree in any discipline with a minimum of 50% of marks | SLOT-VIII |
| 363 | M.A. | Sanskrit | 19 | Bachelor's degree in Sanskrit with a minimum of 50% of marks or Sanskrit as a subject under part I or II/ minor/ optional in the bachelor's degree or traditional degree of (Sastri/ Siromani/ Vidya Praveena) | SLOT-I |

| Course Code | Title of P.G. course and Subject | | Intake | Eligibility criteria for admission | Date & time of Entrance Examination |
|---|---|---|---|---|---|
| 364 | M.A. | Sociology | 50 | Bachelor's degree in any discipline with a minimum of 50% of marks | SLOT-III |
| 385 | M.A. | South Asian Studies | 50 | Bachelor's degree in any discipline with a minimum of 50 % of marks | SLOT-II |
| 366 | M.A. | Tamil | 75 | Bachelor's degree in Tamil/ B.Litt. with a minimum of 50% of marks or any Bachelor's degree (other than Tamil) having Tamil under part I with a minimum of 50% of marks | SLOT-I |
| 409 | M.A. | Women's Studies | 20 | Bachelor's degree in any discipline with a minimum of 50% of marks | SLOT-V |
| 367 | M.Sc. | Applied Geology | 25 | Bachelor's degree in Geology as the major subject and any two out of the following - Mathematics, Physics, Chemistry, Biology as ancillary subjects with a minimum of 55% of marks | SLOT-IV |
| 388 | M.Sc. | Applied Psychology | 65 | B.A./ B.Sc. (Hons) three years course in Psychology with at least 55% marks OR Bachelor's degree with at least 55% marks in aggregate in any discipline with Psychology as one of the subjects for all three years. | SLOT-VII |
| 368 | M.Sc. | Biochemistry & Molecular Biology | 65 | Bachelor's degree in Biochemistry/ B.Sc. (M.L.T.)/ Chemistry/Biotechnology/Zoology/Botany/Plant Sciences/Physiology/Microbiology/Life Sciences or in any oher related areas with a minimum of 55% of marks. | SLOT-VI |
| 378 | M.Sc. | Bioinformatics | 50 | Bachelor's degree in any relevant area of Physics/ Chemistry/ Computer Science/ Life Sciences with a minimum of 55% of marks. | SLOT-III |
| 303 | M.Sc. | Biotechnology | 32* (30+2*) | Bachelor's degree under 10+2+3 pattern of education in Physical, Biological (Biochemistry / Bioinformatics / Biotechnology/ Botany/ Microbiology/ Zoology), Agricultural, Veterinary and Fishery Sciences, Pharmacy, Engineering/ Technology, 4-year B.Sc. (Physician Assistant Course); MBBS/ B.D.S with at least 55% marks | Through GAT-B Exam Score |
| 369 | M.Sc. | Chemistry | 60 | Bachelor's degree in Chemistry with a minimum of 55% of marks in Part III. Candidates should have studied Maths at +2 level. | SLOT-VII |
| 370 | M.Sc. | Computer Science | 75 (Pondicherry) 32 (Karaikal) | Bachelor's degree in Computer Science/ Computer Applications/ Information Technology OR any other equivalent course with a minimum of 55% of marks | SLOT-VI |
| 379 | M.Sc. | Disaster Management (at Port Blair)# | 39 | Bachelor's degree in any discipline in Science/ B.C.A./ B.A. Geography/ B.E. Civil Engineering / Electrical and Electronics Engineering with a minimum of 55% of marks | SLOT-IV |
| 371 | M.Sc. | Ecology | 40 | Bachelor's degree in any discipline, i.e. in Science, Arts, Humanities, Technology, etc. with a minimum of 55% of marks and working knowledge of Mathematics and Science subjects at higher secondary level. | SLOT-IX |

** Two students are admitted under Pondicherry Domicile quota based on merit in the GAT-B exam*

*# The admission process for M.Sc Disaster Management will be conducted at Pondicherry University main campus for the convenience of the students.*

| Course Code | Title of P.G. course and Subject | | Intake | Eligibility criteria for admission | Date & time of Entrance Examination |
|---|---|---|---|---|---|
| 411 | M.Sc. | Environmental Sciences | 40 | Bachelor's degree in any discipline, i.e. in Science, Arts, Humanities, Technology, etc. with a minimum of 55% of marks and working knowledge of Mathematics and Science subjects at higher secondary level. | SLOT-IX |
| 387 | M.Sc. | Electronic Media | 60 | Bachelor's Degree with a minimum of 55 % of marks in any discipline from a recognized university under 10+2+3 system. | SLOT-II |
| 389 | M.Sc. | Food Science and Nutrition | 50 | Bachelor's degree in Food and Nutrition/ Food Technology/ Food Science/ Clinical Nutrition and Dietetics of Composite/ General Home Science/ Biochemistry/ Biotechnology /Microbiology/ Chemistry/ Agriculture/ dairy / fisheries at B.Sc./ BAMS with a minimum of 55% marks. | SLOT-II |
| 396 | M.Sc. | Food Science and Technology | 22 | B.Sc./ B.Tech in Agriculture/ Agricultural Engineering/ Food Technology/Home Science/Food Science and Nutrition/Food Science and Quality Control/ Clinical Nutrition/Biochemistry/ Biotechnology/ Microbiology. Mathematics at +1/+2// P.U.C level is compulsory(emempted for students with B.Sc/B.Tech Food Science and Technology/Food Technology) | SLOT-VII |
| 373 | M.Sc. | Marine Biology (at Port Blair)# | 65 | Bachelor's Degree in Botany / Biochemistry / Biotechnology / Fisheries/ Aquaculture / Microbiology / Zoology with a minimum of 55% marks | SLOT-VIII |
| 372 | M.Sc. | Mathematics | 80 | Bachelor's degree in Mathematics with a minimum of 55% of marks | SLOT-IV |
| 308 | M.Sc. | Microbiology | 32 | Bachelor's degree in Microbiology / Biotechnology/ Botany/ Biochemistry/B.Sc., MLT/ Zoology/ or in any other branch of Life Sciences with a minimum of 55% of marks | SLOT-IV |
| 374 | M.Sc. | Physics | 69 | Bachelor's degree in Physics with Mathematics and Chemistry as ancillaries and a minimum of 55% of marks | SLOT-VI |
| 314 | M.Sc. | Quantitative Finance | 38 | A candidate who has secured 55% marks or above in any one of the following or equivalent is eligible to apply. B. Sc. (Mathematics), B. Sc. (Statistics), B.Com/B.B.A/B.B.M (with Mathematics), B.A/B.Sc(Economics/Econometrics) with Mathematics, Bachelor's degree in Engineering (Computer Science & Engineering/ Information Technology) or Bachelor's degree in Computer Science/ Computer Applications/ Information Technology. | SLOT-I |
| 375 | M.Sc. | Statistics | 75 | Bachelor's degree in Statistics or Mathematics with Mathematical Statistics as a allied subject with a minimum of 55% of marks | SLOT-IX |
| 376 | M.Tech. | Computer Science & Engineering | 30 | B.Tech./ B.E. in Computer Science and Engineering/ Information Technology or equivalent OR M.Sc. in Computer Science/Information Technology/ Software Engineering OR MCA with Bachelor's degree in Computer Science/ Computer Applications/ Information Technology OR equivalent Mathematics /Statistics/ Physics/ Electronics/ Applied Sciences with a minimum of 55% of marks | SLOT-II |

*# Admission process for M.Sc Marine Biology will be carried out at Pondicherry University main campus and students will then proceed to Port Blair for the course work during the study period.*

| Course Code | Title of P.G. course and Subject | | Intake | Eligibility criteria for admission | Date & time of Entrance Examination |
|---|---|---|---|---|---|
| 310 | M.Tech | Computational Biology | 30 | i) Minimum of 55% of marks in Master's degree in any relevant area of Bioinformatics/ Physics/ Chemistry/ Mathematics/ Statistics/ Computer Science/ Biotechnology/ Biochemistry/ Microbiology/ Plant Biology/ Botany/ Animal Biology/ Zoology<br>ii) Minimum of 55% of marks in B.Tech/B.E degree in Industrial Biotechnology, Biotechnology, Pharmaceutical Technology, Food Technology, Bioinformatics, Chemical Engineering, Leather, Bioengineering, Information Technology, Information Science, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Mechanical Engineering, Biomedical Engineering, Electronics and Instrumentation Engineering | Through GAT-B Exam Score |
| 304 | M.Tech. | Electronics and Communication Engineering | 38 | B.E./B.Tech. degree in Electronics/ Electronics and Communication Engineering/ Electronics and Telecommunication Engineering with a minimum of 55% of marks. | SLOT-I |
| 393 | M.Tech. | Environmental Engineering & Management | 30 | B.Tech. / B.E. degree with a minimum of 55% of marks. or M.Sc. in Physics/Chemistry /Mathematics/ Life / Environmental Sciences with a minimum of 55% of marks with Mathematics as one of the subject at +2 level. | SLOT-VIII |
| 307 | M.Tech. | Green Energy Technology | 32*+8# (# SAF Spon-sored) | B.E/B.Tech in Mechanical, Electrical, Electronics, Chemical or Biotechnology OR<br>M.Sc in Physics, Chemistry, Material Science, Nanoscience or Photonics with Mathematics at B.Sc level with at least 55% marks in qualifying examination. | SLOT-IV |
| 305 | M.Tech. | Nanoscience & Technology | 32 | B.E/B/Tech. in Nanoscience and Technology/ Polymer Science and Engg./ Electrical/ Electrical and Electronics/ Electronics and Communication/ Electronics and Instrumentation/ Chemical Technology/ Materials Science and Engg./ Mechanical Engg./ Metallurgical Engg./ Biotechnology with a minimum of 55% of marks. (or) M.Sc. in Physics/ Chemistry/ Applied Physics/ Applied Chemistry/ Electronics/ Materials Science/ Nanoscience and Technology/ Biotechnology/ Biochemistry with a minimum of 55% of marks. | SLOT-III |
| 394 | M.Tech. | Network & Information Security | 30 | B.Tech. / B.E. in Computer Science and Engineering / Information Technology / Electronics & Communication Engineering / Electrical and Electronics Engineering / Electronics & Instrumentation Engineering OR M.Sc. in Computer Science / Information Technology / Software Engineering OR MCA with Bachelor's degree in Computer Science/Computer Applications / Information Technology or equivalent / Mathematics / Statistics / Physics / Electronics/ Applied Science with a minimum of 55% of marks in each degree. | SLOT-II |

** Among admitted students, 15 MNRE-NREF scholarship is available for those who have GATE qualification.*

| Course Code | Title of P.G. course and Subject | | Intake | Eligibility criteria for admission | Date & time of Entrance Examination |
|---|---|---|---|---|---|
| 381 | M.B.A. | Banking Technology | 91 | a) Bachelor's degree in Engineering/Technology (Computer Science & Engineering/ Information Technology) or Bachelor's degree in Computer Science/ Information Technology or Bachelor's degree in Computer Applications or Bachelors of Engineering/Technology degree in ECE (or)<br>b) Bachelor's degree in Electrical and Electronics Engineering/ Electronics and Instrumentation/ Instrumentation and Control Engineering (or)<br>c) B.Com. (Computer Applications) (or )<br>d) Any other Bachelor's degree with PGDCA (only from recognized universities)with a minimum of 55% marks in all degrees/ diploma<br>Note:<br>The candidates who have graduated in the following degrees,<br>•BE/B.Tech in Instrumentation and Control Engineering (ICE)<br>•B.Com Computer Applications<br>•Any other Bachelor's Degree with PGDCA, should have studied all the following subjects during their undergraduate course:<br>a.Computer Programming<br>b.Data base Management<br>c.Computer Network<br>d.Information System/System Analysis/Software Engineering | SLOT-V |
| 397 | M.B.A. | Business Administration | 168 (148 through CAT Score + 2 Andaman & Nicobar + 18 Foreign & NRI students) | Bachelor's degree in any discipline with a minimum of 50 % of marks.<br>Admissions will be based on CAT scores, Group Discussion and Personal Interview. | Through CAT Score 2019 |
| 395 | M.B.A. | Insurance Management (Karaikal) | 50 | Bachelor's degree in any discipline with a minimum of 50% of marks | SLOT-IV |
| 382 | M.B.A. | International Business | 91 | Bachelor's degree in any discipline with a minimum of 50 % of marks | Through CAT Score 2019 |
| 383 | M.B.A. | Tourism & Travel Management | 89 | Bachelor's degree in any discipline with a minimum of 50 % of marks | Through CAT Score 2019 |
| 351 | M.Com. | Business Finance | 91 (Pudu cherry)<br>50 (Karaikal) | Bachelor's degree in Commerce/ Foreign Trade/ Corporate Secretaryship/ B.B.A./ B.C.M./ B.A Co-op./ B.Com. (Edn.)/ B.Com.(Vocational) with a minimum of 50% of marks | SLOT-IX |
| 311 | M.Com. | Accounting & Taxation | 75 | Any Bachelor's degree in Commerce or any other degree with degree level papers in Accounting are eligible with a minimum of 50% of marks | SLOT-VI |
| 392 | M.Ed. | Master of Education | 63 | B.Ed. degree / Four year Integrated B.A. B.Ed./ B.Sc. B.Ed. / B.Com. B.Ed. of recognised universities with a minimum of 50% of marks | SLOT-III |

| Course Code | Title of P.G. course and Subject | | Intake | Eligibility criteria for admission | Date & time of Entrance Examination |
|---|---|---|---|---|---|
| 352 | M.C.A. (Two Years Programme) | Computer Applications | 75 (Puducherry) 50 (Karaikal) | Bachelor's degree in Computer Applications/ Computer Science/ Information Technology OR Bachelor's degree in Commerce/ Corporate Secretaryship/ Economics / Business Administration with Mathematics/ Business Mathematics / Statistics with Computer Applications as one of the subjects OR Bachelor's degree in Science with Mathematics/ Statistics as one of the subjects with a minimum of 55% marks | SLOT-VIII |
| 390 | M.Lib.I.Sc. | Master of Library and Information Science | 44 | Any degree with a minimum of 50% of marks | SLOT-III |
| 354 | M.P.A. | MPA (Drama & Theatre Arts) | 39 | Bachelor's degree in any discipline with a minimum of 50 % of marks | SLOT-II |
| 377 | M.P.Ed. | Physical Education | 50 | Bachelor of Physical Education (B.P.Ed.) or equivalent with at least 50% marks. OR Bachelor of Science (B.Sc.) in Health and Physical Education with at least 50% marks.<br><br>**Admission Procedure**<br>Admission shall be made on merit on the basis of marks obtained in the entrance examination and Physical Fitness & Game Proficiency Test as follows:<br>(a) Men: 100 meters; Shot-put (16 lbs); 12 minutes run/ walk<br>Women: 100 meters; Shot-put (8 lbs); 8 minutes run/ walk<br>(b) **Games Proficiency Test in any one of the following games:** Badminton, Basketball, Cricket, Football, Handball, Hockey, Kabaddi, Kho-Kho, Tennis and Volleyball. (a and b) Maximum: 50 marks.<br>Practical = 50 % Marks<br>Entrance Examination (Theory) = 50 % Marks<br>**(only those students who have attended the Entrance Examination are eligible for Physical Fitness Test.)** | SLOT-IX<br><br>Physical FinessTest will be conducted at Thiruvalluvar Stadium, Pondicherry University and the students who have attended the Entrance Exam should report. The dates will intimated separately |
| 391 | M.S.W. | Master of Social Work | 65 | Bachelor's degree in any discipline with a minimum of 50 % of marks | SLOT-VII |
| 312 | L.L.M | | 25 | LL.B. Degree or its equivalent with not less than 50% of marks(45% in case of SC/ ST) in the aggregate in all the 3 years/ 5years of B.L/ L.L.B Degree Course. | SLOT-VIII |

## • Five Year Integrated M.Sc. Programme for +2 Students in the School of Physical, Chemical and Applied Sciences

| | | | | | |
|---|---|---|---|---|---|
| 380 | M.Sc. | Applied Geology | 39 | Pass in +2 with 50% of marks and should have studied Physics, Chemistry and Mathematics | SLOT-I |
| | M.Sc. | Chemistry | 39 | | |
| | M.Sc. | Physics | 39 | | |

## • Five Year Integrated M.A. Programme for +2 Students in the School of Social Sciences and International Studies

| | | | | | |
|---|---|---|---|---|---|
| 315 | M.A. | History | 25 | Pass in +2 with a minimum of 50% of marks | SLOT-V |
| | M.A. | Political Science | 25 | | |
| | M.A. | Sociology | 25 | | |

## • Five Year Integrated M.Sc. Programme for +2 Students in the Ramanujan School of Mathematical Sciences

| | | | | | |
|---|---|---|---|---|---|
| 384 | M.Sc. | Mathematics | 25 | Pass in +2 with a minimum of 50% of marks with Mathematics, Physics and Chemistry as subjects of study (Candidates with other branches in +2 are not eligible for this programme) | SLOT-III |
| | M.Sc. | Computer Science | 25 | | |
| | M.Sc. | Statistics | 25 | | |

## • Five Year Integrated M.A.(SEAL) Programme for +2 Students in the Social & Economic Administration and Law

| | | | | | |
|---|---|---|---|---|---|
| 413 | M.A. | Social & Economic Administration and Law (SEAL) | 20 | Candidates seeking admission for the M.A (SEAL) (Five Year Integrated Programme) Course are required to pass :<br>i) The Higher Secondary, Intermediate or Senior Secondary School Certificate Exam, conducted by the Centre or State Government Board<br>OR<br>ii) The Pre- University or Pre-Degree Examination of a recognized university<br>OR<br>iii) The French Baccalaureate or any other qualification equivalent to the above mentioned qualifications approved by the Academic Council of the University.<br><br>iv) The candidate should have a minimum score of 50% in the qualifying examination. | SLOT-V |

## P.G. DIPLOMA PROGRAMME

For admission to P.G. Diploma courses, candidates possessing the eligibility criteria indicated below and qualified under 10+2+3 system of study are eligible to apply.

| Course Code | Course | Intake | Eligibility criteria for admission | Date & time of Entrance Examination |
|---|---|---|---|---|
| 483 | Green Energy Technology | 19 | B.E/B.Tech in Mechanical, Electrical, Electronics, Chemical or Biotechnology or M.Sc in Physics, Chemistry, Material Science, Nanoscience or Photonics with Chemistry and Mathematics at B.Sc level with at least 55% marks in qualifying examination. | SLOT-IV |
| 484 | Criminology & Forensic Science | 19 + 5 sponsored | Any Bachelor's degree with minimum of 55% marks. | SLOT-II |
| 485 | Intellectual Property Rights | 19 + 5 sponsored | Any Bachelor's degree with minimum of 50% marks. | SLOT-VI |

## Post Graduate Programmes in Self Finanace Mode

| | | | | | |
|---|---|---|---|---|---|
| 410 | M.Tech. | Communication and Information Systems | 21 | B.E./B.Tech. degree in Electronics/ Electronics and Communication Engineering/ Information Technology/ Electronics and Telecommunication Engineering with a minimum of 55% of marks | SLOT-IX |
| 401 | M.B.A | Data Analytics | 30 | Bachelor's degree such as B.Com/ BBA/ BCA/ B.Sc. (Mathematics/Statistics/Computer Science)/ B.E./ B.Tech with 50% marks.<br>Admissions will be based on CAT scores, Group Discussion and Personal Interview | Through CAT SCORE 2019 |
| 404 | M.B.A | Business Administration (Part-Time) | 40 | Bachelor's degree in any discipline with a minimum of 50% marks, two years' work experience and currently working in an organization.<br>***The admission will be based on entrance examination held in Pondicherry Centre only.***<br>Those who are appearing for MBA Part - Time programme must come for group discussion and personal interview at DMS, Pondicherry University. The dates will intimated separately. | SLOT-IV |
| 412 | M.B.A | Financial Technology | 40 | a) B.E./B.Tech. (IT, CSE)<br>b) B.Sc. (Computer Science, IT, Statistics, Mathematics)/ BCA<br>c) B.Com/B.Com (Computer Applications)<br>d) BBA/B.A Economics<br>e) B.Com (Information Technology)<br>f) B.Com (E-commerce) | SLOT-V |
| 414 | M.B.A | Logistics & Supply Chain Management | 72 | Any graduate degree with 50% marks is eligible. | SLOT-IX |

**Note: The exact date and time for entrance examination will be intimated later.**

# FEES

1. The following fees are applicable only to the students admitted to Pondicherry University departments.
2. The course fees for students admitted to Ph.D. programmes offered at affiliated institutions shall be as prescribed by the respective institution.

## Fee Table:1 - Ph.D. Programmes (Full Time and Part-Time Internal) (in ₹)

| Sl. No. | Item | | Inital Payment at the time of admission | Subsequent semester wise payment | Account No. |
|---|---|---|---|---|---|
| 1. | Research Fee per annum | Humanities | 2500 | 2500 | 6659344508 |
| | | Science | 3500 | 3500 | |
| | For Foreign National (Per annum) SAARC / Developing Countries | Humanities | US $ 250 | US $ 250 | |
| | | Science | US $ 500 | US $ 500 | |
| | Developed Countries & NRI | Humanities | US $ 750 | US $ 750 | |
| | | Science | US $ 1250 | US $ 1250 | |
| 2. | Registration Fee | | 1000 | | |
| 3. | Matriculation Fee | | 500 | | |
| 4. | Recognition Fee | | 500 | | |
| 5. | Sports Fund | | 250 | 250 | 6659645681 |
| 6. | Medical Examination / Facilities Fund | | 250 | 250 | |
| 7. | Library Fund | | 1000 | 1000 | |
| 8. | Advanced Lab Facility Fund(for Science Departments except Mathematics, Statistics, Applied Psychology and Library Science) | | 5000 | 5000 | |
| 9. | Amenities Development Fund | | 6000 | | |
| 10. | Students' Welfare Fund | | 250 | 250 | |
| 11. | Alumni Association Fund | | 500 | | |
| 12. | Caution Deposit (Refundable) | | | | |
| | Science Courses | | 2000 | | |
| | Other Courses | | 1000 | | |
| 13. | ICT Fund & Computer | | 1500 | 1500 | |
| 14. | Group Medical Insurance (for full-time candidates only) | | 301 | | 845872540 |
| 15. | University Development Fund | | 2000 | | 6659355859 |
| | **TOTAL Humanities** | | **17551** | **5750** | |
| | **TOTAL Science** | | **24551** | **11750** | |

## ● Fee Table:2 - Ph.D. Programmes Part-Time External (in ₹)

| Sl. No | Item | | Inital Payment at the time of admission | Subsequent semester wise payment | Account No. |
|---|---|---|---|---|---|
| 1. | Research Fee per annum | Humanities | 2500 | 2500 | 6659344508 |
| | | Science | 3500 | 3500 | |
| | For Foreign National (Per annum) SAARC / Developing Countries | Humanities | US $ 250 | US $ 250 | |
| | | Science | US $ 500 | US $ 500 | |
| | Developed Countries & NRI | Humanities | US $ 750 | US $ 750 | |
| | | Science | US $ 1250 | US $ 1250 | |
| 2. | Registration Fee | | 1000 | | |
| 3. | Matriculation Fee | | 500 | | |
| 4. | Recognition Fee | | 500 | | |
| 5. | Sports Fund | | 250 | 250 | 6659345681 |
| 6. | Medical Examination / Facilities Fund | | 250 | 250 | |
| 7. | Library Fund | | 1000 | 1000 | |
| 8. | Advanced Lab Facility Fund(for Science Departments except Mathematics, Statistics, Applied Psychology and Library Science) | | 5000 | 5000 | |
| 9. | Amenities Development Fund | | 6000 | | |
| 10. | Students' Welfare Fund | | 250 | 250 | |
| 11. | Alumni Association Fund | | 500 | | |
| 12. | Caution Deposit (Refundable) | | | | |
| | Science Courses | | 2000 | | |
| | Other Courses | | 1000 | | |
| 13. | ICT Fund & Computer | | 1500 | 1500 | |
| 14. | University Development Fund | | 2000 | | 6659355859 |
| | **TOTAL Humanities** | | **17250** | **5750** | |
| | **TOTAL Science** | | **24250** | **11750** | |

## Fee Table:3 - All M.A. Programmes (Except M.A. Economics) (in ₹)

| Sl. No | Item | Semester | | | | Account No |
|---|---|---|---|---|---|---|
| | | I | II | III | IV | |
| 1. | Tuition Fee | 1500 | 1500 | 1500 | 1500 | 6659344508 |
| | For Foreign National SAARC / Developing Countries | US $ 350 | US $ 350 | US $ 350 | US $ 350 | |
| | Developed Countries & NRI | US $ 500 | US $ 500 | US $ 500 | US $ 500 | |
| 2. | Registration Fee | 300 | | | | |
| 3. | Matriculation Fee | 100 | | | | |
| 4. | Recognition Fee | 400 | | | | |
| 5. | Sports Fund | 500 | | 500 | | 6659345681 |
| 6. | Medical Examination / Facilities Fund | 600 | | 600 | | |
| 7. | Library Fund | 1500 | | 1500 | | |
| 8. | Computer Lab Fund | 2000 | | 2000 | | |
| 9. | Amenities Development Fund | 6000 | | | | |
| 10. | Students' Welfare Fund | 400 | | 400 | | |
| 11. | Alumni Association Fund | 200 | | | | |
| 12. | Caution Deposit (Refundable) | 1000 | | | | |
| 13. | Placement Activity Fund | 200 | 200 | 200 | 200 | |
| 14. | Academic Activity Fund | 1000 | | 1000 | | |
| 15. | Digital Activity Fund | 2000 | | 2000 | | |
| 16. | Group Medical Insurance | 118 | | | | 845872540 |
| 17. | University Development Fund | 1200 | | | | 6659355859 |
| | **TOTAL** | **19018** | **1700** | **9700** | **1700** | |

## Fee Table:4 - M.Com & M.A Economics/M.P.Ed./M.Ed./M.Lib.I.S./M.S.W./M.P.A./P.G. Diploma Programmes (in ₹)

| Sl. No | Item | Semester | | | |
|---|---|---|---|---|---|
| | | I | II | III | IV |
| | | | | Not applicable to P.G. Diploma Courses | |
| 1. | Tuition Fee | 3000 | 3000 | 3000 | 3000 |
| | For Foreign National SAARC / Developing Countries | US $ 350 | US $ 350 | US $ 350 | US $ 350 |
| | Developed Countries & NRI | US $ 500 | US $ 500 | US $ 500 | US $ 500 |
| 2. | Registration Fee | 300 | | | |
| 3. | Matriculation Fee | 100 | | | |
| 4. | Recognition Fee | 400 | | | |
| 5. | Sports Fund | 500 | | 500 | |
| 6. | Medical Examination / Facilities Fund | 600 | | 600 | |
| 7. | Library Fund | 1500 | | 1500 | |
| 8. | Computer Lab Fund | 2000 | | 2000 | |
| 9. | Amenities Development Fund | 6000 | | | |
| 10. | Students' Welfare Fund | 400 | | 400 | |
| 11. | Alumni Association Fund | 200 | | | |
| 12. | Caution Deposit (Refundable) | 1000 | | | |
| 13. | Placement Activity Fund | 200 | 200 | 200 | 200 |
| 14. | Academic Activity Fund | 1000 | | 1000 | |
| 15. | Digital Activity Fund | 2000 | | 2000 | |
| 16. | Group Medical Insurance | 118/59 | | | 845872540 |
| 17. | University Development Fund | 1200 | | | |
| | **TOTAL (Except P.G. Diploma courses)** | **20518** | **3200** | **11200** | **3200** |
| | **TOTAL P.G. Diploma courses only** | **20459** | **3200** | | |

## Fee Table: 5 - ALL M.Sc/M.Tech Programmes (Except Five Year Integrated P.G. Programmes and M.Sc./ M.Tech Programmes offered by Dept. of Computer Science ) (in ₹)

| Sl. No | Item | Semester | | | | Account No. |
|---|---|---|---|---|---|---|
| | | I | II | III | IV | |
| 1. | Tuition Fee | 3000 | 3000 | 3000 | 3000 | 6659344508 |
| | For Foreign National SAARC / Developing Countries | US $ 350 | US $ 350 | US $ 350 | US $ 350 | |
| | Developed Countries & NRI | US $ 500 | US $ 500 | US $ 500 | US $ 500 | |
| 2. | Registration Fee | 300 | | | | |
| 3. | Matriculation Fee | 100 | | | | |
| 4. | Recognition Fee | 400 | | | | |
| 5. | Sports Fund | 500 | | 500 | | 6659345681 |
| 6. | Medical Examination / Facilities Fund | 600 | | 600 | | |
| 7. | Library Fund | 1500 | | 1500 | | |
| 8. | Laboratory Fund/Computer Lab Fund/Wet Lab Fund | 2000 | | 2000 | | |
| 9. | Amenities Development Fund | 6000 | | | | |
| 10. | Students' Welfare Fund | 400 | | 400 | | |
| 11. | Alumni Association Fund | 200 | | | | |
| 12. | Caution Deposit (Refundable) | 1000 | | | | |
| 13. | Advanced Lab Facility Fund | 2500 | | 2500 | | |
| 14. | Placement Activity Fund | 200 | 200 | 200 | 200 | |
| 15. | Academic Activity Fund | 1000 | | 1000 | | |
| 16 | Digital Activity Fund | 2000 | | 2000 | | |
| 17. | Group Medical Insurance | 118 | | | | 845872540 |
| 18. | University Development Fund | 1200 | | | | 6659355859 |
| | **TOTAL M.Sc/ M.Tech** | **23018** | **3200** | **13700** | **3200** | |

## Fee Table: 6 - M.Sc. / M.Tech Programmes offered by Dept. of Computer Science (in ₹)

| Sl. No | Item | Semester | | | | |
|---|---|---|---|---|---|---|
| | | I | II | III | IV | |
| 1. | Tuition Fee | 3000 | 3000 | 3000 | 3000 | 6659344508 |
| | For Foreign National SAARC / Developing Countries | US $ 350 | US $ 350 | US $ 350 | US $ 350 | |
| | Developed Countries & NRI | US $ 500 | US $ 500 | US $ 500 | US $ 500 | |
| 2. | Registration Fee | 300 | | | | |
| 3. | Matriculation Fee | 100 | | | | |
| 4. | Recognition Fee | 400 | | | | |
| 5. | Sports Fund | 500 | | 500 | | 6659345681 |
| 6. | Medical Examination / Facilities Fund | 600 | | 600 | | |
| 7. | Library Fund | 1500 | | 1500 | | |
| 8. | Computer Lab Fund | 4000 | | 4000 | | |
| 9. | Amenities Development Fund | 6000 | | 6000 | | |
| 10. | Students' Welfare Fund | 400 | | 400 | | |
| 11. | Alumni Association Fund | 200 | | | | |
| 12. | Caution Deposit (Refundable) | 2000 | | | | |
| 13. | Industry Interface Fund | 5000 | | 5000 | | |
| 14. | Placement Activity Fund | 3000 | | 3000 | | |
| 15. | Academic Activity Fund | 4000 | | 4000 | | |
| 16. | Field Study/ Tour Fund | | | | | |
| 17. | Digital Activity Fund | 2000 | | 2000 | | |
| 18. | Group Medical Insurance | 118 | | | | 845872540 |
| 19. | University Development Fund | 1200 | | | | 6659355859 |
| | **TOTAL** | **34318** | **3000** | **30000** | **3000** | |

## Fee Table: 7- MCA Programme (in ₹)

| Sl. No | Item | Semester | | | | Account No. |
|---|---|---|---|---|---|---|
| | | I | II | III | IV | |
| 1. | Tuition Fee | 3000 | 3000 | 3000 | 3000 | 6659344508 |
| | For Foreign National SAARC / Developing Countries | US $ 350 | US $ 350 | US $ 350 | US $ 350 | |
| | Developed Countries & NRI | US $ 500 | US $ 500 | US $ 500 | US $ 500 | |
| 2. | Registration Fee | 300 | | | | |
| 3. | Matriculation Fee | 100 | | | | |
| 4. | Recognition Fee | 400 | | | | |
| 5. | Sports Fund | 500 | | 500 | | 6659345681 |
| 6. | Medical Examination / Facilities Fund | 600 | | 600 | | |
| 7. | Library Fund | 1500 | | 1500 | | |
| 8. | Computer Lab Fund | 4000 | | 4000 | | |
| 9. | Amenities Development Fund | 6000 | | 6000 | | |
| 10. | Students' Welfare Fund | 400 | | 400 | | |
| 11. | Alumni Association Fund | 200 | | | | |
| 12. | Caution Deposit (Refundable) | 2000 | | | | |
| 13. | Industry Interface Fund | 5000 | | 5000 | | |
| 14. | Placement Activity Fund | 3000 | | 3000 | | |
| 15. | Academic Activity Fund | 4000 | | 4000 | | |
| 16. | Field Study/ Tour Fund | | | | | |
| 17. | Digital Activity Fund | 2000 | | 2000 | | |
| 18. | Group Medical Insurance | 118 | | | | 845872540 |
| 19. | University Development Fund | 1200 | | | | 6659355859 |
| | **TOTAL** | **34118** | **3000** | **30000** | **3000** | |

## Fee Table: 8- LLM Programmes (in ₹)

| Sl. No | Item | Trimester | | | |
|---|---|---|---|---|---|
| | | I | II | III | |
| 1. | Tuition Fee | 4000 | 4000 | 4000 | 6659344508 |
| | For Foreign National SAARC / Developing Countries | US $ 350 | US $ 350 | US $ 350 | |
| | Developed Countries & NRI | US $ 500 | US $ 500 | US $ 500 | |
| 2. | Registration Fee | 300 | | | |
| 3. | Matriculation Fee | 100 | | | |
| 4. | Recognition Fee | 400 | | | |
| 5. | Sports Fund | 500 | | | 6659345681 |
| 6. | Medical Examination / Facilities Fund | 600 | | | |
| 7. | Library Fund | 1500 | | | |
| 8. | Computer Lab Fund | 2000 | | | |
| 9. | Amenities Development Fund | 6000 | | | |
| 10. | Students' Welfare Fund | 400 | | | |
| 11. | Alumni Association Fund | 200 | | | |
| 12. | Caution Deposit (Refundable) | 1000 | | | |
| 13. | Placement Activity Fund | 200 | 200 | 200 | |
| 14. | Academic Activity Fund | 2000 | | | |
| 15. | Digital Activity Fund | 2000 | | | |
| 16. | Group Medical Insurance | 59 | | | 845872540 |
| 17. | University Development Fund | 1200 | | | 6659355859 |
| | **TOTAL** | **22459** | **4200** | **4200** | |

## Fee Table: 9 - ALL FIVE YEAR INTEGRATED P.G Programmes (in ₹)

| Sl. No | Item | Semester | | | Account No. |
|---|---|---|---|---|---|
| | | I | II/ IV/ VI/ VIII*/ X* | III/ V/ VII*/ IX* | |
| 1. | Tuition Fee | 3000 | 3000 | 3000 | 6659344508 |
| | For Foreign National SAARC / Developing Countries | US $ 350 | US $ 350 | US $ 350 | |
| | Developed Countries & NRI | US $ 500 | US $ 500 | US $ 500 | |
| 2. | Registration Fee | 300 | | | |
| 3. | Matriculation Fee | 100 | | | |
| 4. | Recognition Fee | 400 | | | |
| 5. | Sports Fund | 500 | | 500 | 6659345681 |
| 6. | Medical Examination / Facilities Fund | 600 | | 600 | |
| 7. | Library Fund | 1500 | | 1500 | |
| 8. | Laboratory Fund/Computer Lab Fund/Wet Lab Fund | 2000 | | 2000 | |
| 9. | Amenities Development Fund | 6000 | | | |
| 10. | Students' Welfare Fund | 400 | | 400 | |
| 11. | Alumni Association Fund | 200 | | | |
| 12. | Caution Deposit (Refundable) | | | | |
| | Science Courses | 2000 | | | |
| | Other Courses | 1000 | | | |
| 13. | Advanced Lab Facility Fund (only for Science Departments) | 1000 | | 1000 | |
| 14. | Placement Activity Fund | 200 | 200 | 200 | |
| 15. | Academic Activity Fund | 1000 | | 1000 | |
| 16. | Digital Activity Fund | 2000 | | 2000 | |
| 17. | Group Medical Insurance | 301 | | | 845872540 |
| 18. | University Development Fund | 1200 | | | 6659355859 |
| | **TOTAL (Sciences)** | **22701** | **3200** | **12200** | |
| | **TOTAL (Humanities)** | **20701** | | **11200** | |

* In respect of 5 Years Intg. M.Sc Computer Science,
(i)fee to be paid for VII and IX semester will be as paid by 2 Year M.Sc Computer Science for III semester.**
(ii)fee to be paid for VIII and X semester will be as paid by 2 Year M.Sc Computer Science for IV semester.**

**Please refer Table 6 .

## Fee Table: 10 - ALL MBA Programmes (in ₹)

| Sl. No | Item | Semester | | | | Account No |
|---|---|---|---|---|---|---|
| | | I | II | III | IV | |
| 1. | Tuition Fee | 8000 | 8000 | 8000 | 8000 | 6659344508 |
| | For Foreign National SAARC / Developing Countries | US$1000 | US$1000 | US$1000 | US$1000 | |
| | Developed Countries & NRI | US $ 2000 | US $ 2000 | US $ 2000 | US $ 2000 | |
| 2. | Registration Fee | 300 | | | | |
| 3. | Matriculation Fee | 100 | | | | |
| 4. | Recognition Fee | 400 | | | | |
| 5. | Sports Fund | 500 | | 500 | | 6659345681 |
| 6. | Medical Examination / Facilities Fund | 600 | | 600 | | |
| 7. | Library Fund | 1500 | | 1500 | | |
| 8. | Computer Lab Fund | 4000 | | 5000 | | |
| 9. | Amenities Development Fund | 10000 | | 10000 | | |
| 10. | Students' Welfare Fund | 1000 | | 1000 | | |
| 11. | Alumni Association Fund | 1000 | | | | |
| 12. | Caution Deposit (Refundable) | 2000 | | | | |
| 13. | Industry Interface Fund | 10000 | | 10000 | | |
| 14. | e- Resource Fund | 3000 | | 3000 | | |
| 15. | Placement Activity Fund | 3000 | | 3000 | | |
| 16. | Academic Activity Fund | 15000 | | 15000 | | |
| 17. | Field Study/ Tour Fund/ Industrial Visit | 3000 | | 3000 | | |
| 18. | Digital Activity Fund | 2000 | | 2000 | | |
| 19. | Group Medical Insurance | 118 | | | | 845872540 |
| 20. | University Development Fund | 1200 | | | | 6659355859 |
| | **TOTAL** | **66718** | **8000** | **62600** | **8000** | |

## Fee Table: 11 - MBA Programmes (on Self-Financing basis) (in ₹)

| Sl. No | Item | Semester | | | | |
|---|---|---|---|---|---|---|
| | | I | II | III | IV | |
| 1. | Tuition Fee | 50000 | 50000 | 50000 | 50000 | 6659344508 |
| | For Foreign National SAARC / Developing Countries | US$1000 | US$1000 | US$1000 | US$1000 | |
| | Developed Countries & NRI | US $ 2000 | US $ 2000 | US $ 2000 | US $ 2000 | |
| 2. | Registration Fee | 300 | | | | |
| 3. | Matriculation Fee | 100 | | | | |
| 4. | Recognition Fee | 400 | | | | |
| 5. | Sports Fund | 500 | | 500 | | 6659345681 |
| 6. | Medical Examination / Facilities Fund | 600 | | 600 | | |
| 7. | Library Fund | 1500 | | 1500 | | |
| 8. | Computer Lab Fund | 5000 | | 5000 | | |
| 9. | Amenities Development Fund | 10000 | | 10000 | | |
| 10. | Students' Welfare Fund | 1000 | | 1000 | | |
| 11. | Alumni Association Fund | 1000 | | | | |
| 12. | Caution Deposit (Refundable) | 2000 | | | | |
| 13. | Industry Interface Fund | 10000 | | 10000 | | |
| 14. | Digital Resource Fund | 5000 | | 5000 | | |
| 15. | Placement Activity Fund | 5000 | | 5000 | | |
| 16. | Academic Activity Fund | 15000 | | 15000 | | |
| 17. | Field Study/ Tour Fund | 5000 | | 5000 | | |
| 18. | Digital Activity Fund | 2000 | | 2000 | | |
| 19. | Group Medical Insurance | 118 | | | | 845872540 |
| 20. | University Development Fund | 1200 | | | | 6659355859 |
| | **TOTAL** | **115718** | **50000** | **110600** | **50000** | |

## Fee Table: 12 - MBA (Part Time)Programmes (on Self-Financing basis) (in ₹)

| Sl. No | Item | Semester | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | I | II | III | IV | V | VI | |
| 1. | Tuition Fee | 40000 | 40000 | 40000 | 40000 | 40000 | 40000 | 6659344508 |
| 2. | Registration Fee | 300 | | | | | | |
| 3. | Matriculation Fee | 100 | | | | | | |
| 4. | Recognition Fee | 400 | | | | | | |
| 5. | Sports Fund | 500 | | 500 | | | | 6659345681 |
| 6. | Medical Examination / Facilities Fund | 600 | | 600 | | | | |
| 7. | Library Fund | 1500 | | 1500 | | | | |
| 8. | Computer Lab Fund | 5000 | | 5000 | | | | |
| 9. | Amenities Development Fund | 10000 | | 10000 | | | | |
| 10. | Students' Welfare Fund | 1000 | | 1000 | | | | |
| 11. | Alumni Association Fund | 1000 | | | | | | |
| 12. | Caution Deposit (Refundable) | 2000 | | | | | | |
| 13. | Industry Interface Fund | 10000 | | 10000 | | | | |
| 14. | Digital Resource Fund | 5000 | | 5000 | | | | |
| 15. | Academic Activity Fund | 15000 | | 15000 | | | | |
| 16. | Digital Activity Fund | 2000 | | 2000 | | | | |
| 17. | University Development Fund | 1200 | | | | | | 6659355859 |
| | **TOTAL** | **95600** | **40000** | **90600** | **40000** | **40000** | **40000** | |

## Fee Table: 13 - M.Sc./M.Tech. Programmes (on Self-Financing basis) (in ₹)

| Sl. No | Item | Semester | | | | |
|---|---|---|---|---|---|---|
| | | I | II | III | IV | |
| 1. | Tuition Fee | 22000 | 11000 | 11000 | 11000 | 6659344508 |
| | For Foreign National SAARC / Developing Countries | US $1000 | US $1000 | US $1000 | US $1000 | |
| | Developed Countries & NRI | US $ 2000 | US $ 2000 | US $ 2000 | US $ 2000 | |
| 2. | Registration | 300 | | | | |
| 3. | Matriculation Fee | 100 | | | | |
| 4. | Recognition fee | 400 | | | | |
| 5. | Sports Fund | 500 | | 500 | | 6659345681 |
| 6. | Medical Examination / Facilities Fund | 600 | | 600 | | |
| 7. | Library Fund | 1500 | | 1500 | | |
| 8. | Laboratory Fund/Computer Lab Fund/Wet Lab Fund | 7000 | 7000 | 7000 | 7000 | |
| 9. | Amenities Development Fund | 6000 | | | | |
| 10. | Students' Welfare Fund | 400 | | 400 | | |
| 11. | Alumni Association Fund | 1200 | | | | |
| 12. | Caution Deposit (Refundable) | 1000 | | | | |
| 14. | Advanced Lab Facility Fund | 10000 | 10000 | 10000 | 10000 | |
| 15. | Placement Activity fund | | | 2000 | | |
| 16. | Academic Activity Fund | 10000 | 10000 | 10000 | 10000 | |
| 17. | Field Study/ Tour Fund/ Industrial Visit (if applicable) | | 2000 | | 2000 | |
| 18. | Digital Activity Fund | 2000 | | 2000 | | |
| 19. | Group Medical Insurance | 118 | | | | |
| 20. | University Development Fund | 1200 | | | | 6659355859 |
| | **TOTAL** | **64318** | **40000** | **45000** | **40000** | |

**Payment of Fees**

All students including Ph.D. scholars shall pay all the fees to the University at the time of admission. For the subsequent semesters, the fees should be paid within ten days from the beginning of each semester. Examinations fees shall be payable on or before the last date prescribed in this regard. If the above dates fall on Saturdays or Sundays or any other holidays, the last date for payment of the above fees will be the preceding working day.

Differently abled students are exempted from payment of all fees, including examination fees. They should pay only the prescribed refundable caution deposits and Group Medical Insurance premium. However if they avail any scholarship from Government/ other agencies, they are not entitled from exemption of fees

SC/ST students who are eligible for Post-matric scholarships/Top class scholarships are permitted to pay the fees as soon as they receive the scholarship amount by submission of an undertaking to this effect at the time of admission. In any case, such SC/ST students should pay the fees within 90 days from the date of admission through the said scholarships failing which they have to pay the fees on their own or otherwise their admission stands cancelled.

The Account Number in which various kinds of fees/funds/deposits are to be remitted in the Indian Bank Branch at the University campus is indicated against each. The facility of online payment is available. If a student does not pay the fee on time, late payment fine, shall be levied as follows at the time of payment:

(i) 5.00 rupees per day for the first
10 days
(ii) 10.00 rupees per day thereafter upto the last day of the month in which the fees is due.

The Vice-Chancellor, or on his behalf, any other officer to whom this power has been delegated, may relax any of the conditions for payment of fees in special cases, on recommendation of the Academic Advisory Committee. The names of defaulters shall be removed from the rolls of the University with effect from the first day of the following month. A student whose name has been struck off from the rolls of the University, under the above clause, may be re-admitted on the recommendation of the Dean/ HOD/ Coordinator of the Dept./Centre concerned and on payment of arrears of fees in full and other dues, together with a re-admission fee of ₹1000/- plus University Development Fund of ₹ 500/-.

**Refund of fees, caution deposits, etc.**

Caution deposit money is refundable, on an application from the student on his/her leaving the University, after deducting all dues against him/her.

If any student does not claim the refund of any amount lying to his/her credit within one calendar year of his/ her leaving the University, it shall be deemed to have been donated by him/ her to the Students' Aid Fund. The period of one year shall be reckoned from the date of announcement of the result of the examination taken by the student or the date from which his/her name is struck off from the rolls of the University whichever is earlier.

If, after having paid the fees, a candidate desires to discontinue he/ she shall be refunded all fees after deducting ₹1000/- provided he/she discontinues **on or before 01.09.2020**. All such claims shall be submitted **before 30.09.2020**. Due to automation, the University will not be able to process any belated claim.

If a student owes any money to the University on account of any damage he/she may have caused to the University property, it shall along with outstanding tuition fees and fines, if any, be deducted from the security deposit due to him/ her. These provisions shall not apply to students in the affiliated colleges.

Students shall not be issued hall tickets or allowed to appear for examination unless they have cleared their dues, paid the prescribed examination fee and produced a "No-dues" certificates.

# HOSTELS

At present, Pondicherry University has twenty one hostels in the campus, of which, thirteen are for boys and eight for girls. Out of the thirteen boys' hostels, nine are for PG students and four for research scholars. Out of eight girls' hostels, seven are for PG students and one is for research scholars. The Karaikal campus has two hostels one for boys and one for girls. One boys hostel and one girls hostel is available at Port Blair Campus also.

**Foreign Students' Hostels**

The University has Air Conditioned & non-Air Conditioned hostel rooms available for foreign students. 40 rooms are available in C.V.Raman Hostel for boys and 49 rooms are available in Madame Curie hostel for girls. The fee structure for the foreign students is different from that of the general hostel students.

**Hostel Admission**

Since limited hostel facility is available, hostel accommodation will be given to one third of the students admitted in each course. Hostel admission will be given on the recommendations of Head of the Department, subject to the approval of the Chief Warden and availability of rooms. Preference will be given to students coming from distant places.

**Hostel fees**

**Refundable:** The caution deposit of Rs.3,000/- (for Indian nationals) is to be paid while joining the hostels. This will be refunded after the inmate vacates the hostel by means of account transfer/ account payee cheque, subject to surrender of original challan after deducting dues, if any. Open cheque will not be issued under any circumstances. Therefore, students must necessarily open their bank accounts in Indian Bank, Pondicherry University Branch.

**Non - Refundable:** The hostel fees is to be paid every year at the beginning of the academic year in June/ July as follows(Subject to revision):

- P.G students - ₹ 900/- p.a.
- Ph.D - ₹ 1800/- p.a.
- General Amenities Fund - ₹ 700/- p.a.
- Establishment Charges - ₹ 300/- p.a.
- Application Fees (at the time of admission only) – ₹ 75/-

**No room rent is charged by Pondicherry University from SC/ ST students (copy of community certificate duly attested by a Gazetted Officer is to be produced). Rent free accommodation will be provided to differently-abled students. Differently-abled Students have to pay their Mess Fees and then claim for subsidy from the University hostels (copy of Disability Certificate duly attested by a Gazetted Officer is to be produced to avail this facility).**

However, they have to pay all other fees like Application for admission, General Amenities Fund, Establishment charges, Caution Deposit.

**Duration of Stay**

PG – 2 years, Ph.D-4 years, Integrated - 5 years from the date of admission to the hostel.

**Note:** Except Research scholars, all students must vacate the hostel during summer and winter vacation. Disciplinary action will be taken against those hostellers who do not pay their dues on time. Students must obtain No Dues certificate for Mess & Room Rent from the Hostel Office before writing their semester exams, producing challans for payment of Hostel fees and dues. Those who avail bank loan must keep their original challans of caution deposit for claiming refund while vacating the hostel, and photo copies of other challans with bank seal.

**Discipline**

All hostel-related communications from the hostel inmates to the University authorities shall be routed through the proper channel, i.e. through the wardens of the respective hostels and Chief Warden. Any subversive activity, misdemeanor, obnoxious behaviour, flouting of hostel rules & regulation, misconduct, disobedience, ragging, failure to clear dues, etc. shall be severely punished, and even result in dismissal from the hostel and as well as from the department by the University authority whose interpretation of the rules shall be final.

Set of rules and regulations applicable to the inmates of the hostels will be given to each student at the time of admission into hostel.

Consumption of alcohol and narcotics is considered as a serious offence. Therefore, intoxicating drugs or liquor should not be consumed in the campus. Smoking in the hostel premises is prohibited. Fire-arms should not be brought to the hostel in any case. Such acts will mean immediate expulsion of the resident from the hostel. Accommodating outsiders/passed out students in the hostel leads to trespassing and such students will be handed over to the police for prosecution. Therefore inmates must be careful before entertaining outsiders.

As per the University hostel rules & regulations under clause 10.24, damaging University / public property is illegal. It will be considered as an act of indiscipline and misconduct, and will be punished under Prevention of Damage to Public Property Act, 1984

**Mess**

Dining in the hostel mess is compulsory for hostel students. No permission will be granted for dining outside the hostel mess under any circumstances. Subramania Bharathi Hostel and Bharathidasan Hostel are managed by the research scholars and the rest of the mess are outsourced. Five well-equipped mega mess (three for boys & two for girls) are available for the use of inmates of the University. The hostel mess are run by experienced and qualified caterers. The mess offer meals at reasonable rates.

**Mess Fees**

The mess fee is to be paid in two instalments at the beginning of each semester in a year i.e. June and January. The Mess Fees is Rs.65/- per day per head.

If Ph.D scholars fail to pay the hostel mess fee within the stipulated time, the fees may be recovered/deducted directly from the scholar's stipend / fellowship /JRF. They also will be evicted from the University hostel,

**Ragging**

Ragging or teasing in any form is strictly prohibited in the University. Students are therefore, forbidden from indulging in such activities within the hostel premises. Ragging will invite very severe punishment including expulsion from the University. It is also punishable under law. No introductory meeting of the students is to be held in the hostels by the senior students.

**General facilities**

The University Health Centre offers medical facilities round-the-clock to the students residing in the hostels. For the mobility of the students from hostels to departments, Library, Computer Centre, etc., bus facility is provided within the campus. Wifi connectivity is also provided to all the hostels to enable the students to have internet access.

* **Detailed Pondicherry University Hostel rules & regulations are available in the hostel office. Refer University website.**

# CONDUCT & DISCIPLINE

## Pondicherry University has zero tolerance towards
## (a) Ragging
## (b) Sexual Harrasment

Students enrolled in Pondicherry University must abide by their duties and responsibilities to the University, to faculty and to other students. Failure to maintain appropriate standards of conduct will attract disciplinary action.

Students should not bring mobile phones to the Seminar Halls, Research Labs and Examination Halls and should not use mobile phones in the classroom.

**Misconduct**
Students' misconduct includes but is not limited to the following:
a) disruption of classroom activity or hindering the learning of other students anywhere in the University;
b) copying / cheating on assignments or in examinations and assignments;
c) behaviour which interferes functioning of the University, disrupts education, endangers the health or safety of staff or students, or damages any property within the campus including University property;
d) pasting posters or conducting students' meetings / protests / processions within the campus without prior permission of the University Authorities;
e) the possession or use of intoxicating beverage inside the campus;
f) the possession or use of illicit drugs inside the campus;
g) the falsification of documents or providing false information in order to obtain admission to classes;
h) the possession of weapons; and
i) the failure to return loaned materials or settle dues to the University

**Disciplinary Measures**
**Disciplinary action may include:**
a) Reprimand or warning;
b) fail mark for an assignment or course;
c) suspension for a semester or more
d) withholding of official transcripts;
e) suspension of campus privileges including hostel accommodation;
f) suspension or expulsion from the University;
g) any other disciplinary action which the University authorities deem appropriate in the circumstances.

**Prohibition of Ragging**
Ragging in any form is strictly prohibited.

Senior students are not permitted to invite their juniors to their rooms for any introduction meetings.

In the past, six students (hostellers) who were involved in ragging were expelled from the hostel for a period of one year.

## Redressal Mechanisms

The Anti - Ragging committee of the University consists of all Deans. The list of members with their contact numbers is available on the University website

**1) Anti-Ragging Committee**
Students can report any incident of ragging to the Registrar/Deans of respective Schools/Dean of Students' Welfare/ Chief Wardens (Boys & Girls) directly for remedial action

**2) Students' Grievances Redressal Cell**
Students can report any grievances directly to the Dean, Students' Welfare for redressal.

**3) Sexual Harassment Prevention Committee (SHPC)**
The University has an SHPC and the list of members with their contact phone numbers is available on the University website. Any sexual harassment complaint can be reported to the Chairperson or any member of SHPC for redressal or can be recorded in the register kept for this purpose in Registrar's office

**4) Women's Cell**
Grievances relating to gender bias and discrimination affecting women in the campus can be reported to the Head of Women's Cell and the list of members of the cell with their contact phone numbers are available on the University website.

**5) Legal Services Clinic**
'Legal services clinic' is setup in Pondicherry University for the students of the institution and especially for the students hailing from North Eastern states

# PROGRAMMES A-Z


Pg. No.

**M.A.**

113. Anthropology
66. Economics
101. English & Comparative Literature
103. French (Translation & Interpretation)
104. Hindi
117. History
124. Human Rights & Inclusive Policy
131. Mass Communication
106. Philosophy
117. Politics and International Relations
117. Political Science
105. Sanskrit
114. Sociology
121. South Asian Studies
60. Tamil
123. Women's Studies

**M.Sc.**

84. Applied Geology
87. Applied Psychology
89. Biochemistry & Molecular Biology
97. Bioinformatics
91. Biotechnology
81. Chemistry
138. Computer Science
155. Computer Science (Karaikal)
158. Disaster Management
93. Ecology
93. Environmental Sciences
131. Electronic Media
95. Food Science and Nutrition
95. Food Science and Technology
156. Marine Biology
74. Mathematics
96. Microbiology
79. Physics
76. Quantitative Finance
75. Statistics

Pg. No.

**M.Sc./M.A. (Five Year Integrated Programmes)**

84. Applied Geology
81. Chemistry
138. Computer Science
116. History
74. Mathematics
79. Physics
117. Political Science
114. Sociology
75. Statistics
118. Social & Economic Administration and Law (SEAL)

**M.Tech.**

138. Computer Science & Engineering
97. Computational Biology
140. Communication and Information Systems (Self Finance)
140. Electronics & Communication Engineering
141. Environmental Engineering & Management
144. Green Energy Technology
146. Nanoscience & Technology
138. Network & Information Security

**MBA**

69. Banking Technology
69. Financial Technology (Self Finance)
63. Business Administration
63. Data Analytics (Self Finance)
152. Insurance Management
71. International Business
71. Logistics & Supply Chain Management(Self Finance)
67. Tourism & Travel Management
63. MBA Business Admin istration(Part-Time)(Self Finance)

Pg. No.

**MCA, M.COM., M.ED., M.Lib.I.S, L.L.M, M.P.ED., MSW, M.P.A.**

138. Computer Applications
155. Computer Applications (Karaikal)
65. Business Finance
154. Business Finance (Karaikal)
65. Accounting & Taxation
135. Library and Information Science
148. L.L.M
126. Master of Education
110. Master of Performing Arts (Drama &Theatre Arts)
107. Physical Education & Sports
115. Master of Social Work

**Ph.D.**

127. Adult & Continuing Education
112. Anthropology
87. Applied Psychology
108. Asian Christian Studies
69. Banking Technology
89. Biochemistry & Molecular Biology
97. Bioinformatics
91. Biotechnology
81. Chemistry
65. Commerce
154. Commerce (Karaikal)
138. Computer Science & Engineering
155. Computer Science(Karaikal)
158. Disaster Management
110. Drama & Theatre Arts
84. Earth Sciences
93. Ecology & Environmental Sciences
66. Economics
126. Education
131. Electronic Media
140. Electronics & Communication Enginerring
101. English
120. European Studies

Pg. No.

141. Environmental Technology
95. Food Science & Nutrition
95. Food Science & Technology
103. French
144. Green Energy Technology
104. Hindi
116. History
71. International Business
135. Library & Information Science
156. Marine Biology
131. Mass Communication
63. Management
152. Management (Karaikal)
125. Maritime Studies
74. Mathematics
96. Microbiology
146. Nano Science & Technology
106. Philosophy
107. Physical Education & Sports
79. Physics
117. Politics & International Studies
105. Sanskrit
124 Social Exclusion and Inclusive Policies
115. Social Work
114. Sociology
121. South Asian Studies
122 Southern Asia Studies
75. Statistics
60. Tamil
67. Tourism Studies
123. Women's Studies

**P.G. DIPLOMA**

144. Green Energy Technology
148. Criminology & Forensic Science
148. Intellectual Property Rights

# SCHOOLS & DEPARTMENTS/ CENTRES


Pg. No.

**60. Sri Subramania Bharathi School of Tamil Language and Literature**

**62. School of Management**
63. Department of Management Studies
65. Department of Commerce
66. Department of Economics
67. Department of Tourism Studies
69. Department of Banking Technology
71. Department of International Business
152. Department of Management (Karaikal)
154. Department of Commerce (Karaikal)

**73. Ramanujan School of Mathematical Sciences**
74. Department of Mathematics
75. Department of Statistics

**78. School of Physical, Chemical and Applied Sciences**
79. Department of Physics
81. Department of Chemistry
84. Department of Earth Sciences
87. Department of Applied Psychology
158. Department of Coastal Disaster Management

**88. School of Life Sciences**
89 Department of Biochemistry & Molecular Biology
91 Department of Biotechnology
93. Department of Ecology & Environmental Sciences
95. Department of Food Science and Technology
96. Department of Microbiology
97. Centre for Bioinformatics
156. Department of Ocean Studies & Marine Biology

**100. School of Humanities**
101. Department of English
103. Department of French
104. Department of Hindi
105. Department of Sanskrit
106. Department of Philosophy
107. Department of Physical Education and Sports
108. Centre for Foreign Languages
108. Escande Chair in Asian Christian Studies

**109. School of Performing Arts**
110. Department of Performing Arts

**112. School of Social Sciences and International Studies**
113. Department of Anthropology
114. Department of Sociology
115. Department of Social Work
116. Department of History

Pg. No.

117. Department of Politics & International Studies
120. Centre for European Studies
121. UNESCO Madanjeet Singh Institute of South Asia Regional Cooperation (UMISARC) & Centre for South Asian Studies
122 UGC Centre for Southern Asia Studies
123. Centre for Women's Studies
124. Centre for Study of Social Exclusion and Inclusive Policy
125. UGC Centre for Maritime Studies

**126. School of Education**
127. Centre for Adult & Continuing Education

**128. School of Medical Sciences**

**129. School of Media & Communication**
131. Department of Electronic Media & Mass Communication
135. Department of Library & Information Sciences

**137. School of Engineering & Technology**
138. Department of Computer Science
155. Department of Computer Science (Karaikal)
140. Department of Electronics Engineering
141. Centre for Pollution Control and Environmental Engineering

**143. Madanjeet School of Green Energy Technologies**
144. Department of Green Energy Technology
146. Centre for Nanoscience and Technology

**148. School of Law**

**160. Add-On courses**

**163. Placement Cell**

**163. Students Welfare**

**164. The Directorate of Physical Education and Sports**

**165. UGC- Human Resource Development Centre**

**166. Pondicherry University Community College**

**168. Mahe Centre Community College**

**169. Directorate of Distance Education**

# SRI SUBRAMANIA BHARATHI SCHOOL OF TAMIL LANGUAGE AND LITERATURE

## Dean: Prof. ILAMATHY JANAKIRAMAN

The Department of Tamil was started in 1986. It was later promoted as Sri Subramania Bharathi School of Tamil Language and Literature in 2003. The School is functioning with several academic and research activities for the betterment of Tamil language & literature. Every year, the School of Tamil is conducts the following Tamil Literature functions for the benefit of the students, scholars as well as faculty members of the School of Tamil

1. Endowment Lectures : 14
2. Guest Lectures : 25
3. Bharathi Day Celebration: As part of the birth anniversary of the National Tamil poet Bharathi.
4. Students interaction programmes with eminent Tamil scholars from leading Tamil institutions.
5. Weekly Seminar(Research Forum) called "Aivarangam" every Wednesday for the benefit of research scholars and students and national seminars and workshops.

The Top M.A. students are awarded scholarships by the University. Besides the University Fellowship, Research Scholars are given fellowships like UGC-NET/JRF, RGNF etc. All the Ph.D Scholars produced bythe School of Tamil are working as Assistant Professors, Associate Professorsand Professors in variousgovernment colleges, universities andprivate colleges. Most of the M.A Students are working as school teachers and PG assistants in various government schools and government aided schools.

The School has produced more than 140 Ph.D Scholars. At present 31 Scholars are doing research for Ph.D in the School and all the Scholars were qualified for UGC-JRF. 4 Post Doctoral Fellowship (PDF) Scholars are doing research in the School of Tamil.

This School offers facilities for intensive teaching and research in different areas of Tamil Literature such as Ancient Tamil Grammar, Sangam Literature, Siddha Literature, Epic Literature, Devotional Literature, Modern Literature, Comparative Literature, Folklore and Yoga. The thrust area of the School is literary Theory and Grammar.

The School of Tamil has established a Computer Lab with 32 computers and 2 Printers for the benefit of M.A./ Ph.D students/Scholars with internet connection including A/C facilities. The School of Tamil has a Library which is having 3000 books for the benefit of M.A.,/Ph.D., students/scholars with A/C facilities.. The School of Tamil has a Seminar Hall with public address system and LCD Project including A/C facilities.

The School has UGC sponsored Special Assistance Programme (Phase – III) in the following research area from April 2015 - March 2020.

"Siddha Literature and Manuscripts (116 Lakhs).

## PROGRAMMES OF STUDY

**M.A.** Tamil
**Ph.D.** Tamil

## ENTRANCE EXAMINATION

**M.A.** The Entrance examination will consist of 100 Multiple Choice Questions on Tamil Language and literature.

**Ph.D.** The Entrance examination will consist of 100 Multiple Choice Questions on Tamil language and literature.

## FACULTY

### Professor & Head

**K. Ilamathy Janakiraman, Ph.D.**
(Annamalai University, Chidambaram)
*Specialization:* Siddha Literature, Religious Literature, and Creative Literature.

### Professor

**M.Mathialagan, Ph.D**
(Annamalai University, Chidambaram)
*Specialization:* Modern Literature, Literary Criticism and Diaspora Literature.

### Associate Professor

**M. Jeeva, Ph.D.**
(Pondicherry University, Puducherry)
*Specialization:* Post Modernism, Semiotics, Theatre Arts

### Assistant Professor (Senior Scale)

**M. Karunanidhi, Ph.D.** (University of Madras, Chennai)
*Specialization:* Folklore and Manuscriptology.

### Assistant Professors

**B. Ravikumar, Ph.D.**
(Pondicherry University, Puducherry)
*Specialization:* Modern Literature, Literary Criticism & Creative Literature
**R. Srividhya, Ph.D.**
(Pondicherry University, Puducherry)
*Specialization:* Modern Literature, Feminism & Post colonialism.

# SCHOOL OF MANAGEMENT

Dean: Prof. K. Chandra Sekhara Rao

## *Puducherry Campus*

Department of Management Studies
Department of Commerce
Department of Economics
Department of Tourism Studies
Department of Banking Technology
Department of International Business

## *Karaikal Campus*

Department of Management
Department of Commerce

School of Management (SOM) is one of the prestigious Schools of Excellence in the campus primarily focusing on business related courses. The following academic Programs (P.G & Doctoral) are offered by various departments of the School of Management.

| Department | Academic Programs | Locations |
|---|---|---|
| Dept. of Management Studies | Ph.D<br>MBA<br>MBA (DA)*#<br>MBA (PT)# | Main Campus |
| | Ph.D<br>MBA (IM)* | Karaikal Campus |
| Dept. of Commerce | Ph.D<br>M.Com (BF)*<br>M.Com (AT)* | Main Campus |
| | Ph.D<br>M.Com (BF) | Karaikal Campus |
| Dept. of Economics | Ph.D<br>M.A. (Eco) | Main Campus |
| Dept. of Tourism Studies | Ph.D<br>MBA (TTM) | Main Campus |
| Dept. of Banking Technology | Ph.D<br>MBA (BT)<br>MBA (FT)# | Main Campus |
| Dept. of International Business | Ph.D<br>MBA(IB)*<br>PGDFT | Main Campus |

*DA - Data Analytics
*IM - Insurance Management
*BF - Business Finance
*AT - Accounting. & Taxation
*TTM -Tourism & Travel Management
*BT - Banking Technology
*FT - Financial Technology
*IB - International Business
*ECO - Economics.
#Self-Financing Programme

### ADMISSONS

CAT score will be considered for admissions to MBA, MBA (Data Analytics), MBA (International Business) and MBA (Tourism & Travel Management) courses.

University conducts All India entrance examination for all other courses.

For Ph.D. programme, a written test is followed by a Personal Interview/ Seminar presentation.

### MAJOR THRUST AREAS OF TEACHING & RESEARCH

The School of Management provides specialized skill based academic programmes with focus on teaching and learning in the fields of -

- General Management
- Functional areas like Finance/HR/Marketing/ Systems.
- Interdisciplinary areas like Banking Technology /Tourism/ Insurance and International Business.
- Corporate Accounting, Taxation and Business Finance. Basic and Applied areas of Economic Theory.

The School emphasizes on Research at Ph.D level in the following Major Areas.

- Production and Operations Management
- Human Resource Management
- Marketing Strategy and Brand Management
- Financial Services and Financial Engineering
- IT applications in Banking
- Insurance and Risk Management
- Monetary Policy and RBI operations
- Micro Finance
- Commodity Derivates.
- Tourism and Hospitality Management

### INFRASTRUCTURE

All the departments of the School of Management are well equipped with Air conditioned Wi-Fi enabled classrooms. Well qualified full time core faculty supported by adjunct faculty/ experts from the industry is the hallmark of the School. Every department has a dedicated Computer Lab with domain specific softwares. The School has a separate Auditorium, a School Library and state-of–the-art Lecture Hall Complex.

The School subscribes to advanced database resources like CMIE i3 data service, Bloomberg database in addition to E resources, HBR cases, SPSS Software, Indian Economy Databases, Capital Line, etc.

### PLACEMENT FOCUS

The distinctive competitive strength of the School is its thrust on students' placement.

All the management programmes offered by Pondicherry University are job oriented and the respective departments facilitates the student placement process.

# DEPARTMENT OF MANAGEMENT STUDIES (DMS)

School of Management

The Department of Management Studies (DMS) has a unique position in the University by establishing the first MBA programme in 1986. For the past 34 years, it has been catering to the needs of management education and research besides providing consulting and training to corporate and government organisations through outreach programmes. Its alumni hold high and coveted positions in industry, government and academia in India and abroad. DMS has been consistently ranked among India's Top B-Schools by reputed magazines and other ranking organizations. In response to the demand from the industry, DMS has launched two new MBA programmes, namely, two-year full time MBA (Data Analytics) and three-year MBA (Part-time) under self-financing mode from the academic year 2019-20. For its flagship MBA programme with dual specialisation, DMS has a sanctioned strength of 168 seats [which includes 148 through CAT score + 2 Andaman & Nicobar + 18 Foreign/NRI], besides seats for Indian Army and Air force under MoU. DMS has a sanctioned strength of 30 for MBA (Data Analytics) and 40 for MBA(Part-time). MBA (Part-time) caters to the needs of young working professionals to upgrade themselves whereas MBA (Data Analytics) caters to the needs of community of analysts in the areas of research and business.

## PROGRAMMES OF STUDY

**M.B.A.** (Dual specialization)
M.B.A. Data Analytics (self-financing)
M.B.A. Part–Time (self-financing)
Ph.D. Management

## ENTRANCE EXAMINATION

**Admission Process for M.B.A in DMS**

The Department is admitting students for its MBA programme through CAT score. The short-listed candidates will be called for Group Discussion and Personal Interview in the ratio of 1:3. The dates will be notified in the University website.

**Admission Process for M.B.A (Data Analytics - Self Financing) in DMS**

The Department is admitting students for its MBA (Data Analytics - Self Financing) programme through CAT score. The short-listed candidates will be called for Group Discussion and Personal Interview in the ratio of 1:3. The dates will be notified in the University website.

**Admission Process for M.B.A (Part-Time - Self-Financing) in DMS.**

The Common Entrance Examination for **M.B.A (Part-Time-Self Financing)** Programme will be conducted by Pondicherry University in **Pondicherry centre only** which consists of objective type questions. The entrance test question paper pattern is as follows:

| | | |
|---|---|---|
| **Section A-** | English Comprehension | 20 Questions |
| **Section B-** | Quantitive Aptitude | 20 Questions |
| **Section C-** | Logic Reasoning | 20 Questions |
| **Section D-** | Data Interpretation | 20 Questions |
| **Section E-** | General Awareness | 20 Questions |

Those who are appearing for the MBA–Part Time programme shall come for group discussion and personal interview at **DMS, Pondicherry University**. The dates will be notified in the University website.

**Admission Process for Doctoral Research [Ph.D.] in DMS (Pondicherry Campus and Karaikal Campus Together)**

The admission to Ph.D. Programme is as per Pondicherry University norms.

The Entrance Examination for Ph.D. Research Programme will be conducted by Pondicherry University, which consists of objective type questions and it will be followed by personal interview for shortlisted candidates.

The broad areas for the entrance test include all Functional areas of Management, Strategic Management, Information Systems, Operations Research and Research Methodology, English and Test of Reasoning.

## ABOUT THE MBA PROGRAMMES IN DMS

1. MBA – 2 years (4 semester) Full time programme
2. MBA - 3 years (6 semester) Part-time programme under self-financing mode
3. MBA Data Analytics – 2 years (4 semesters) Full time programme under self-financing mode.

These courses prepare students for a successful professional career in management. While the first year for the regular course and first two years for the part-time course are devoted to foundational courses, the final year would enable students to gain in-depth knowledge of the specialization of their chosen fields. Each student can choose dual specialization.

The course structure of the MBA programmes comprises of core and elective papers. The core papers equip students with conceptual knowledge in the basic areas of management. The elective papers help students to enhance their application oriented skills in the chosen functional areas of management such as Finance, Marketing, Human Resource, Systems and Operations.

For all MBA programmes, weekly guest lectures by eminent persons from both industry and academia, Industrial visits, and placement-training programmes/ workshops are organized. Besides, an annual Industry-Institute Interface flagship event, *Synapse,* brings together top executives from the industry for a weekend of intense panel discussions and sharing of industry expectations and experience with the students.

Memorandum of Understanding (MOU) signed with international partner institutions such as University of East Paris - France, Chungbuk National University - South Korea and Koblenz University of Applied Sciences - Germany, offers opportunities to study one semester (III/ IV) abroad with a waiver of tuition fees.

## THRUST AREAS OF RESEARCH

1. Marketing
2. Finance
3. Human Resources
4. Operations & Supply Chain
5. Systems

## INFRASTRUCTURE FACILITIES

Department of Management Studies is equipped with a seminar hall, air-conditioned class rooms, a well equipped computer centre along with a central library .

## STUDENTS PLACEMENTS

Leading IT/ ITES, Private & Public sector banks/ Indian as well as Multinational corporations, in manufacturing, service and technology-based companies visit the Department for recruitment of students. The campus recruitment drive is spearheaded by a Faculty Coordinator and student representatives.

## FACULTY

### Professor & Head

**B. Charumathi, Ph.D.** (University of Madras, Chennai)
*Specialization:* All areas of Accounting & Financial Management, HRD and Entrepreneurship.

### Professors

**R. Panneerselvam, Ph.D.** (Anna University, Chennai)
*Specialization:* Operations Management, Systems, Operations Research & Quantitative Techniques & Simulation.
**T. Nambirajan, Ph.D.** (Pondicherry University, Puducherry)
*Specialization:* Production & Operations Management, Supply Chain Management and MIS.
**R. Chitra Sivasubramanian, Ph.D.**
(Madurai Kamaraj University, Madurai)
*Specialization:* Human Resources Management and Strategic Management.
**S. Victor Anand Kumar, Ph.D.**
(Cochin University of Science and Technology)
*Specialization:* Marketing Management, Tourism Marketing & Executive Skills Development.
**Uma Chandrasekaran, Ph.D.**
(Pondicherry University, Puducherry)
*Specialization:* Marketing Management, Services Marketing, Human Resources Management and Communication Skills Development.
**R. Kasilingam, Ph.D.** (Alagappa University, Karaikudi)
*Specialization:* Financial Management, Business Law, Security Analysis & Portfolio Management and Advanced Data Analytics.
**R. Venkatesakumar, Ph.D.** (VIT University, Vellore)
*Specialization:* Marketing Management, Quantitative Methods, Research Methodology, Statistics, Data Analytics.

### Associate Professors

**S. Riasudeen, Ph.D.** (University of Madras, Chennai)
*Specialization:* Human Resource Management, Human Resource Analytics and Business Law.

### Assistant Professors

**L. Mothilal, Ph.D.** (Osmania University, Hyderabad)
*Specialization:* Business Environment, Public Systems Management. and Marketing Management.
**B. Rajeswari, Ph.D.** (Gandhigram Rural Institute - Deemed University, Dindigul)
*Specialization:* Marketing Management, Operations Management and Quality Management.
**K. Lavanya Latha, Ph.D.**
(Sri Venkateswara University, Tirupati)
*Specialization:* Marketing Management, Human Resource Management and Entrepreneurship.
**G. Madan Mohan, Ph.D.** (University of Madras, Chennai)
*Specialization:* Financial Management, Project Management and Managerial Economics.

# DEPARTMENT OF COMMERCE

School of Management

The Department of Commerce is one of the pioneering departments of Pondicherry University. Differentiating itself from the traditional M.Com course, the Department offers specialized Post-Graduate course in Commerce, M.Com (Business Finance) with focus on 'Finance'. The Department aims at imparting in-depth knowledge and professional skills required for handling the "Finance Functions" of the various corporate enterprises.

As there is a need for Accounting & Taxation professionals in all sectors of economy, the Department introduced another specialized M.Com. (Accounting & Taxation) programme from the academic year 2011-2012. This course is designed to cater to the manpower requirements of corporate sector having knowledge in the area of Accounting & Taxation, supplementing the manpower supplied by professional courses like Chartered Accountancy and Cost and Management Accountancy.

The Department also offers a Ph.D. programme and encourages research in the field of Accounting, Finance, Banking, Marketing, Personnel Management and other related fields. 95% of the Ph.D scholars of the Department are JRF, MANF, RGNF fellowship holders, and the rest of the scholars get University fellowship.

The Department imparts knowledge through lectures, interactive sessions, case analysis, group discussions on contemporary themes, internship training & project work. Besides, career guidance & counselling, institute-industry interaction programme, application of ICT, industrial/field visits, educational tour and students' participation in academic activities of Universities and other institutions are also arranged to give practical exposure to the students.

The Department is supported by UGC under SAP (DRS) to achieve academic excellence with a thrust on one of the most contemporary areas in finance i.e. "Derivatives and Risk Management". The Award of SAP and continuation of it to level II is a proof of the capability of this department and the team work. All faculty members in the Department are research guides. More than 400 publications in national and international journal are to the credit of the faculty of the Department. The Department has also conducted 4 International conferences, in addition to more than 20 national seminars and workshops.

## PROGRAMMES OF STUDY

**M.Com.** Business Finance
**M.Com.** Accounting & Taxation
**Ph.D.** Commerce (Full Time and Part-Time)

## ENTRANCE EXAMINATION

The Entrance Examination for M.Com Business Finance, M.Com Accounting & Taxation consists of 100 multiple choice questions on Accounting, Banking, Organizational Behavior, Taxation, Insurance, Costing, Statistics, Auditing, Legal Aspects of Business, Business Economics, Foreign Trade, Corporate Secretaryship and Cooperation.

The Entrance Examination for PhD programme consists of 100 multiple choice Questions at the post graduate level as per UGC-NET syllabus

## INFRASTRUCTURE FACILITIES

The Department is housed in the School of Management building with spacious air conditioned class rooms, overhead LCD Projector and well equipped common computer lab with 50 computers (with internet connection). In addition, student's access to on-line journals from Science Direct, EBSCO host, etc. also is available.

## PLACEMENT

Commerce students are employed in various leading companies as well as in various national educational institutions. Our students are placed to work in the areas of Finance, Consultancies. Accounting and Taxation. Many more have undertaken research studies. Placement Assistance is also provided by the Department.

## Professors

**Malabika Deo, Ph.D.** (Pondicherry University)
*Specialization:* Business Statistics, Financial Management, Portfolio Management, International Finance, Operation Research and Derivative Management.

**P. Natarajan, Ph.D.** (Alagappa University)
*Specialization:* Project Management, Entrepreneurship Development, Fund Management and Researcg Methodology.

## Professor & Head

**D. Lazar, Ph.D.** (Madras University)
*Specialization:* Corporate Finance, Micro Finance, Business Analysis, Investment and Portfolio Management, Derivative and Risk Management, Management Accounting.

## Associate Professor

**V. Kavida Ph.D.** (Alagappa University, Karaikudi)
Specialization: Accounting & Finance, Intellectual Property Valuation, International Finance, Banking and Financial Services

## Assistant Professors

**K.B. Nideesh, Ph.D.,** (Pondicherry University)
*Specialization:* Taxation, Finance, Accounting.

**P.S. Velmurugan, Ph.D.** (Pondicherry University)
PDF (Arkansas State University, USA) **(On EOL)**
*Specialization:* International Trade, Credit Insurance, International Financial Management.

**S. Shijin, Ph.D.** (IIT, Madras)
*Specialization:* Investment and Portfolio Management, Financial Statement Analysis, Accounting, Statistical Methods for Data Analysis

# DEPARTMENT OF ECONOMICS

School of Management

The Department of Economics was established in 1986. Over the last thirty three years, the Department has carved out a niche in the economics education map of India. The Department discharges three functions, namely teaching, research and extension. So far, it has produced a large number of post-graduates, as well as M.Phil. and Ph.D. scholars who are placed in some of the premier institutions in the country and elsewhere. The Department has also emerged as a popular centre for training officials from government and corporate sectors, especially in the area of econometrics.

## PROGRAMMES OF STUDY

**M.A.** Economics
**Ph.D.** Economics (Full-Time, Part-Time (Internal & External)

## ENTRANCE EXAMINATION

The Entrance examination for M.A. Economics consists of 100 multiple choice questions of UG level (Economics).
The entrance examination for Ph.D. Economics consists of 100 multiple choice questions of PG level (Economics).

## THRUST AREA OF RESEARCH

The thrust areas of research in the Department covers development studies, economic demography, environmental economics, financial economics, gender studies, industrial economics, international economics, microfinance, money and banking, and open-economy macroeconomics. The faculty members and Ph.D. scholars of the Department have published a large number of research papers in the above areas, in reputed national and international journals in economics.

## PLACEMENTS:

The alumni of the Department are employed as faculty members in various Central Universities, IITs and other reputed educational institutions; as executives/managers in multinational companies/ banks, government, and also in Indian civil services. Every year a number of PG students of the Department successfully clear UGC-NET/JRF and SLET examinations. Many of the students of our Department are pursuing Ph.D. with fellowships in IIMs, IITs, other Central Universities and reputed institutes of higher learning in economics namely, CDS, Trivandrum; ISEC, Bangalore; IIPS and TISS, Mumbai; IFMR, MIDS and MSE, Chennai, etc

## FACULTY

### Professor

**M. Ramachandran, Ph.D.**
(University of Hyderabad, Hyderabad)
*Speciliazation:* Open Economy, Macroeconomics, Applied Econometrics and Public Economics.

### Professor & Head

**Amaresh Samantaraya, Ph.D.**
(University of Hyderabad, Hyderabad)
*Specialization:* Monetary Economics, Macroeconomics, Economics of Money and Banking and Applied Econometrics.

### Professor

**V. Nirmala, Ph.D.** (Madurai Kamaraj University, Madurai)
*Specialization:* Agricultural Economics, Labour Economics and Gender Studies.

### Assistant Professors

**Yasmeen Sultana, Ph.D.** (University of Madras, Chennai)
*Specialization:* Microfinance, Welfare Economics, Gender Studies, Health Economics, Islamic Economics
**A. Sankaran, Ph.D.** (Bharathidasan University, Trichirapalli)
*Specialization:* Industrial Economics and Entreprenership Development.
**R. Lusome, Ph.D.** (IIPS Mumbai)
*Specialization:* Economic Demography.
**C. Jerome Samraj, Ph.D.** (University of Madras)
Specialization: Environmental Economics and Development studies.

# DEPARTMENT OF TOURISM STUDIES

School of Management

The Department of Tourism Studies (DTS) is one of the first university-based departments to introduce Master of Tourism Administration in 1991. This Department offers two-year full-time MBA (TTM) program and research program leading to the award of Ph.D. degree in Tourism Studies. The sole objective is to prepare young graduates professionally equipped with specialized knowledge and skills to lead in the feild of tourism and allied areas of businesses and young scholars to carry out cutting-edge research studies.

The Department maintains close rapport with its alumni for lucrative placements and collaboration in academic activities. The Department has been maintaining an impeccable and impressive track record of placements from its inception.

The DTS is the only tourism department in the country funded by the UGC with its Special Assistance Program (SAP) at DRS Level –II. Apart from the regular curriculum, the students are exposed to participate in extracurricular and co-curricular activities. With the active support of alumni, industry and the University, the Department has been striving tirelessly to emerge as a Centre of Excellence in tourism management education, consultancy and research. The Department is a member of Travel Agents Association of India (TAAI), Indian Association of Tour Operators (IATO) and South Indian Hotels and Restaurants Association (SIHRA).

## The Department aims at

- Designing distinctive programs which are relevant, contemporary, and participative;
- Developing individuals personally as well as professionally;
- Promoting practical management skills alongside theoretical business knowledge;
- Generating cutting-edge research, both theoretical and actionable;
- Fostering a vibrant and entrepreneurial business culture; and
- Delivering pragmatic solutions to the industry that are expected to address sustainable and responsible tourism issues.

## PROGRAMMES OF STUDY

**MBA** Tourism & Travel Management
**Ph.D.** Tourism Studies

## ENTRANCE EXAMINATION

**MBA (TTM)**

Admission of students to the two year MBA (Tourism and Travel Management) or MBA (TTM) programme offered by the Department of Tourism Studies of Pondicherry University is based on CAT scores secured by the candidates for admission to the MBA program in Tourism and Travel Management from the academic year 2020-2021. Candidates having CAT-2019 score and aspiring to join MBA (TTM) are herby informed to look for the notifications in the University website and apply online.

**Ph.D in Tourism Studies**

Admission to full-time Ph.D. program is open to UGC-JRF in Tourism Administration & Management candidates only, subject to the merit of research proposal and presentation and interaction. There are four vacancies for the academic year 2020-21, against which only UGC JRF candidates shall be admitted.

## INFRASTRUCTURE FACILITIES

The physical infrastructure comprises well equipped air-conditioned classrooms with Information and Communication Technology (ICT) enabled state-of-the-art technology devices, computer lab with travel related software, Wi-Fi facility, audio-video system, LCD projectors and other multimedia aids, access to national and international online journals and magazines.

## COURSE CURRICULUM

The course curriculum of MBA (TTM) divided into four semesters with 103 credits is focused on the core management and core tourism subjects along with allied subjects. The broad objective of the curriculum is to enhance domain knowledge and essential employable skills. The students are trained to be confident to take up higher responsibilities.

The course curriculum aims at

- Enriching domain knowledge;
- Giving thrust on practical exposures;
- Fostering Value-based education;
- Enhancing capacity to comprehend;
- Explaining complex concepts with examples and cases; and
- Improving employable skills and competencies

## CO-CURRICULAR ACTIVITIES

The Department conducts special training sessions for development of soft-skills and career guidance. Real life exposure to the students is provided through three different destination familiarization visits. Due emphasis is given to case study analysis, brain-storming exercises, role plays, assignments, and presentations so as to equip the students with all essential and desirable skills and competencies to compete for job and entrepreneurial ventures in the industry very confidently . The MBA (TTM) students, as part of their curriculum undertake 6 to 8 weeks Internship Training for familiarization of organizational work culture and functioning of official system after the second semester in various travel and tour companies, hotels, resorts, airlines destination management organizations, etc

On- Campus Placement

## EXTRA-CURRICULAR ACTIVITIES

**Institute-Industry Interface**: The Department organizes a two-day annual Institute-Industry Interface Event namely 'AKANKSHA' in the month of February. The primary objective is to build and nurture long-term relationships with the industry and academic bodies through the event. About two dozen distinguished industry and academic leaders participate in various panel discussions to deliberate on the burning issues of tourism, travel, and hospitality industries.

**Celebration of World Tourism Day**: The Department organizes relevant events on the theme declared by the UNWTO for the celebration of World Tourism Day on 27th September. Events include Quiz Competitions, Workshop, Tableau, Marathon, Tree Plantation, Cultural Walk, Poster Design, Street Play, Radio Talk, and Cultural program.

**Celebration of Festivals**: The celebration of national and regional festivals is also an integral part of providing platform for students to experience and enjoy several traditions and cultural practices belonging to different regions and religions.

## PLACEMENTS

Placement is an ultimate outcome of the MBA (TTM) program that the Department is committed to preparing the students with soft skills to be successful in their career endeavours. Leading tourism, travel and hospitality companies visit for on- campus placement. A few companies that regularly recruit our students are: Thomas Cook, Ease My Trip, Pickyourtrail, Infinity Solutions, FCM Travel Solutions, Ria Travels, International Travel House, Zenith Holidays, Easystay and Akshaya India

## ACADEMIC LEADERSHIP

The Department organized a three-day international conference on "Responsible Tourism Practices in India: Issues and Challenges" from 7-9 Dec 2019. Prof. Harold Goodwin, an eminent scholar of Responsible Tourism delivered the keynote address in the conference.

With the support of UGC through its funding for Special Assistance Programme, the Department has been organizing workshop/symposium on various themes related to the tourism industry since 2009

### Professors

**Y. Venkata Rao, Ph.D.** (Tezpur University)
*Specialization:* Human Resource Management, International Management and Organizational Behaviour.

### Professor & Head

**Sampada Kumar Swain. Ph.D & D.Litt.** (Utkal University)
*Specialization*: Sustainable Tourism, Ecotourism, Responsible Tourism and Tour operation/ Travel Agency Management

### Assistant Professors

**Jitendra Mohan Mishra, Ph.D.** (HNB Garhwal University)

(On EoL)
*Specialization:* Ecotourism, Accounting for Tourism, Tourism Geography and Tourism Planning.

**Anu Chandran R.C, Ph.D.** (Kerala University)
*Specialization:* Destination Branding, Cultural Tourism and Travel Journalism.

**Sibi P.S., Ph.D.** (Pondicherry University)
*Specialization:* Airline Management, Hospitality Management and Tourism Product Development.

**Sherry Abraham, Ph.D.** (Bharathidasan University)
*Specialization:* Hospitality Management, Ecotourism and Event Management.

# DEPARTMENT OF BANKING TECHNOLOGY

School of Management

The department of Banking Technology came into existence to offer a specialized M.B.A. programme in Banking Technology from the academic year 2005-06. The UGC has sanctioned this programme under its Innovative/Interdisciplinary scheme during the 10th plan. Now the Department has been admitted for regular UGC funding with 8 faculty members and state-of-art Computer Lab facility. The Department offers inter-disciplinary Ph.D. Programme in the area of Computer Science & Engineering and Management from the academic year 2009-2010. A specialized and self-financed MBA programme in Financial Technology will be offered from the academic year 2020-21.

**Vision: To be a Global Centre of Excellence in all aspects of Technology Management in Banking and Finance Industry.**

**Mission: To create man power with know-how and know-why skills required for Managing Technology used in BFSI.**

## PROGRAMMES OF STUDY

**MBA Banking Technology**
**MBA Financial Technology (Self financing)**
**Ph.D.**

## ENTRANCE EXAMINATION

The Entrance Exam for MBA Banking Technology programme will be a Common Admission Test conducted by the University consisting of the following Sections:

| | | |
|---|---|---|
| Section A | English Comprehension | 15 Marks |
| Section B | Quantitive Aptitude | 15 Marks |
| Section C | Test of Reasoning & Data Interpretation | 30 Marks |
| Section D | Computer Science | 30 Marks |
| Section E | General Awareness | 10 Marks |

Candidates need to submit the application for MBA Banking Technology/ MBA Financial Technology programmes through online. The selection will be done by the University as per the norms of merit consisting of test score, group discussion and personal interview and other statutory regulations.

**Ph.D. Entrance Examination**

Admission test for PhD Programme contains two sections to suit the requirements of both M.Tech. and MBA/ M.Com students. Entrance test consists of 80 objective type questions drawn from the domain specific subjects at Post Graduate level and 20 from English & Test of reasoning. Shortlisted candidates will be called to make a presentation before the Admission Committee on the proposed area of research, publications made, conference papers presented, etc.

**MBA Banking Technology** is a specialized inter-disciplinary programme primarily focused on developing future managers in banking, finance and systems domain with a strong technology background to meet the growing technological challenges faced by banking, banking solutions, financial and financial solution sectors.

**More specifically, this programme is aimed at:**

- Providing basic knowledge on the working of financial markets, banking operations, stock market operations, forex market, capital flows, arbitrage operations and derivative instruments, working of currency markets for possible global exposure on the working of financial networks.
- Imparting managerial skills and knowledge required to manage modern business enterprises involved in providing finance and banking solutions.
- Developing skills in the technologies used in modern banking sector, data warehousing, data analytics, information security, cloud computing, block chain, machine learning, agile technology, IT infrastructure management, information system audit, business intelligence, etc.

**Major Highlights of the Curriculum**

1. Industry Integrated Curriculum
2.Consistent Placement Record
3.Two Months Banking Internship in Public Sector Banks
4. Soft skill Training by Professionals
5. Banking Technology Training at IDRBT
6. Case Studies on Fortune 500 Companies
7. Live Forex and Stock Trading Training
8. Bloomberg and CMIE Database based courses
9. Digital Library with OPAC system and Wi-Fi enabled campus

**MBA Financial Technology (Self Financing Mode)**

The Department introduced a new specialized MBA programme in Tinancial Technology from the academic year 2020-2021. The Fintech industry uses technology to disrupt the traditional world of financial services in the areas of payments, lending, insurance, trading and funding. This new MBA (Fintech) programme will cater to the need of Digital transformation of business. This M.B.A. Financial Technology (Fintech) program is designed to prepare the students for their careers in financial services, insurance, management, consulting, technology, digital business and data analytics.

**Focus:**

**M.B.A. (Financial Technology)** is a specialized inter-disciplinary programme primarily focused on developing manpower with know-how and know-why skills regarding transformation and management of technology used in Fintech services industry.

This programme is tailored for graduates who plan to pursue a career in the financial technology, Big DAta Analytics in Data Science industry as well as those seeking career advancement, especially engineers, mathameaticians, physicists, computer programmers and other high-tech professionals.

**Aims and Objectives:**
More specifically, this programme is aimed at:
■Imparting managerial skills and knowledge required to manage modern digital business enterprises involved in providing various business domains.
■Providing basic knowledge on the working of finance, operations, manufacturing, sales & marketing and human resource management.
■Developing skills in the technologies used in digital business, digital business transformation, digital twins, internet of things, data warehousing, information security, digital commerce, IT infrastructure management, information system audit, data analytics, deep learning, blockchain, business intelligence, etc.

**Major Highlights of the Curriculum**
1. MBA (Financial Technology) is a blend of modern management, digital business along with IT subjects that are required to develop software solutions to transform and manage digital business.
2.Industry Integrated Curriculum
2.Two Month Internship in Digital Business Organizations
4. Soft skill training by professionals
5.Digital Technology training at ESCI
6. Case studies on Fortune 500 Companies
7. Forex and Stock Trading Training
8. Bloomberg and CMIE Database based courses
9. Digital Library with OPAC system and Wi-Fi enabled campus

**Ph.D.**
The Department of Banking Technology has initiated the Doctoral Programme in an interdisciplinary area of Computer Science & Engineering and Management, focusing on Research in the field of Banking and Finance (BFSI) Industry. This Programme is open to both Management (MBA/ M.Com), Engineering (M.Tech. - Computer Science/ IT/ MCA /M.Sc. Computer Science/IT) streams of students.

**Broad areas of Research**
■Banking Technology Management, Financial Management, Management of Banking & Financial Institutions, Financial Technology services
■Financial Inclusion, Security Analysis and Portfolio Management, Derivatives Management, Corporate Governance
■Information Security, Data Warehousing & Data Mining, Network Management, Software Architecture, Cyber-crimes, Big Data Analytics

## INFRASTRUCTURE FACILITIES

The Department has a well-equipped computer laboratory with the necessary software and hardware to cater to the learning process of students. The lab is connected to the internet which allows students to enrich knowledge round the clock. However, all the students have to use their own personal laptops for regular classes.

The Department subscribes to corporate databases like CMIE Prowess annually for organizing Corporate Finance Lab. Access to Bloomberg Database is through the Central Library. Access to on-line International Journals is available through Intranet in the campus.

## PLACEMENTS

The MBA programme with a focussed curriculum on dual electives of Finance and Information Technology has been attracting good number of IT companies, in addition to banking including RBI and other financial institutions, The software companies with verticals in the areas of banking, insurance, capital markets and business solutions are finding interest in in this MBA: Banking Technology degree programme. Flagship companies where students are placed include: TCS, HCL Technologies, Reserve Bank of India, Bank of America, Royal Bank of Scotland, UCO Bank, Oracle, HDFC, IOB, SBI, IDBI, LVB, Federal Bank, ICICI Bank, Bandhan Bank, SIB, CSB, CUB, Cholamandalam Fiance, IndusInd Bank, Bank of Maharastra, Zafin Labs, etc. The Department provides all the required assistance for campus placement activities.

## Professors

**K. Chandra Sekhara Rao, Ph.D.** (Archarya Nagarjuna University)
*Specialization:* Financial Management, Security Analysis & Portfolio Management, Derivatives Management and Global Financial Markets & International Banking.
**V. Prasanna Venkatesan, Ph.D.** (Pondicherry University)
*Specialization:* Software Architecture, Object-Oriented Systems, Agile Software Development, Programming Languages, Banking Technology Management.

## Professor & Head

**S. Sudalaimuthu, Ph.D.** (Bharathiyar University)
*Specialization:* Accounting, Corporate Finance and System.

## Professor

**V. Mariappan, Ph.D.** (Madurai Kamaraj University) *Specialization:* Banking Operations, Strategic Management, Cyber Crimes and IT Laws.

## Associate Professor

**A. Balakrishnan, Ph.D.** (Delhi University)
*Specialization:* Fixed Income Secruities, Security Analysis & Portfolio Management, Treasury and Derivatives Management.

## Assistant Professors

**C. P. Abdul Gafoor, Ph.D.** (Pondicherry University)
*Specialization:* Banking and Economics.
**S. Janakiraman, Ph.D.** (Anna University)
*Specialization:* Data Analytics, Machine Learning, Networks & Security, Information Systems Audit.
**A. Suganthy, M. Tech** (Pondicherry University), *Specialization:* Information Security, Object-Orinted Systems, Project Management.

# DEPARTMENT OF INTERNATIONAL BUSINESS

School of Management

The process of globalization has enabled India to emerge as an economic super power and it is attracting investments from giant global business players of multi-nations. At the same time, a sizable number of Indian MNCs are also gearing up their international business operations across the world. It is in this emerging and transforming scenario, that Pondicherry University established during the academic year 2006-07, the Department of International Business (DIB) under the School of Management to offer a specialized two-year full time post graduate degree in MBA-International Business for students to have a thorough understanding of those aspects of business which are trans-boundary in nature.

## PROGRAMMES OF STUDY

**MBA** International Business
**MBA** Logistics and Supply Chain Management
**Ph.D.** International Business

## ENTRANCE EXAMINATION

**MBA :**
Candidates who desire to join M.B.A. (International Business) Programme for the Academic Year 2020-21, should have CAT (Common Admission Test 2019) scores conducted by IIMs. Look out for Admission Notification in the Pondicherry University Website: www.pondiuni.edu.in in mid-January 2020. Apply online for MBA-IB Programme of Department of International Business as per the instructions. We will shortlist eligible applicants based on CAT score in the third week of March 2020 and shall be notified and called for counselling and admission. A separate advertisement has been made for this course.
**MBA (LSCM):** Candidates who desire to join MBA Logistics & Supply Chain Management Programme should look out for Admission Notification in the Pondicherry University Website: www.pondiuni.edu.in
**Ph.D.**
Admission to Ph.D. Programme in International Business shall be based on the field of specialization and the vacancies available with eligible guides in the department. The selection procedure is based on the entrance test covering all the functional areas of Management at the MBA level and English & Test of reasoning. The short listed candidates in the written test will be called for an Interview at Pondicherry University.
**MBA (International Business):**
The DIB has designes the MBA-International Business Programme with a special focus on imparting training and molding aspirants to acquire necessary core competencies, which are specifically required to manage global business operations. Besides giving conventioanal managemnt education inputs, a highly competent set of faculty has designed and developed a course structure that will provide core competency skills in chosen areas of International Business renging from geo-political issues, managing in emerging economic, international finance, international logistics, international tourism, hospitality and customer relationship management, retail management, expost and import system, cross-cultural management, foreign language and environmental issues. The course curriculum is so organized that the students are groomed to take up the challenges of new millennium, which are truly international and competitive in nature and not restricted by geographical or political boundaries.

The Programme offers specialization stream in Marketing, Finance, HR and Systems with greater international thrust in each of the functional areas of Management.
The uniqueness of the MBA(IB) Programme is that each student during his/her study period will be carrying out three different projects (Summer Project, Internship in Export-Import procedures/ International Operations and a final semester Project) in leading organizations to gain practical exposure

**MBA (Logistics & Supply Chain Management):** ***Self Financing Mode***
The MBA program in Logistics and Supply Chain Management (LSCM) has the main goal of educating professionals able to take decisions in logistics and supply chain management considering its operational, tactical and strategic aspects from an integrqatred perspective by covering subjects from technology, engineering and business.
Rapid developments in the international business on one hand and the consequential impact of the same on India's domestic market on the other, call for a professional approach and sensitivity to the international business environment. The MBA: Logistics and Supply Chain Management is a specialized program for developing a competent cadre of business executives to meet the country's growing requirements of training personnel in the field of Logistics and Supply chain management. The main academic focus is on equipping the participants with an in-depth knowledge of global business and to instill in them an urge to take up competitive global challenges. The program also focuses on equipping its students with all the knowledge and expertise in dealing with the corporate world ranging from International Marketing, International Finance, Economic Analysis, International Logistics, Supply Chain Management, Warehouse management and software related to Logistics and supply chain management.

**Program Features**
The MBA: Logistic and Supply Chain Management Program - a multidisciplinary and integrative curriculum reinforcing the strategic, international and ethical dimensions of business - has the following salient features:

**Program Thrust Areas:**
**Logistics and Supply Chain Management**
- Basics of Logistics and Supply Chain Management
- Distribution Management for Global Supply Chain
- Procurement, Storage and Warehouse Management
- Port and Airport Management for Logistics
- International Logistics and Management
- Containerization and Multimodal Transport

- Supply Chain Risk Modeling and Management
- Applied GIS and Spatial Data Analytics
- Publis Private Partnership and Port Development
- Supply Chain Software's
- Inventory Management & Material Requirements Planning

**Ph.D.(International Business)**
The Department offers Ph.D. Programme in International Business with inter-disciplinary thrust covering all the functional areas of management. The Department has all the facilities and infrastructure to encourage the candidates to do serious research in their chosen fields of research.

## INFRASTRUCTURE FACILITIES

The DIB is housed in the School of Management with state-of-art facilities, fully equipped with all infrastructural requirements needed for the students to develop themselves as global leaders. Some of the facilities which are offered include the following:

- Congenial air conditioned class rooms with audio visual aids
- 24x365 days internet campus
- Class rooms with Wi-Fi connectivity
- Laptop connectivity for every student for effective participation
- Placement cell with good track record
- Well equipped central library
- Guest lectures by top executives from MNCs
- Industry - Academia Interface Meet

## PLACEMENTS

The Department has a very good Placement record. For further details visit http:/www.pondiuni.edu.in/department/department-international-business

## INTERNATIONAL SEMESTER EXCHANGE FOR STUDENTS

- Friedrich-Alexander-UniversityErlangen-Nurnberg,Germany
- Carleton University, Ontario, Canada
- Cleveland State University, USA
- Michigan State University, USA

## FACULTY

### Professor & Head

**M. Banumathi, Ph.D. (**Avinashilingam Deemed University)
*Specialization:* Strategic Management, Green Marketing, International Trade, International Economics

### Professors

**Lalitha Ramakrishnan, Ph.D.** (Sri Venkateswara University, Tirupathi) (On Temporary transfer from Karaikal Campus)
*Specialization:* Marketing Management, Strategic Management, Gender issues in Business.

**P. Sridharan, Ph.D.** (Pondicherry University)
*Specialization:* International Finance, Banking, Insurance.

**Bushan D. Sudhakar, Ph.D.** (Maharaja Krishnakumarsinhji Bhavnagar University)
*Specialization:* Advertising, Branding & Business Negotiations

**Y. Srinivasulu, Ph.D.** (Andhra University)
*Specialization:* Marketing Management, Services Marketing, Industrial Marketing

**P. G. Arul, Ph.D.** (Bharathidasan University, Trichirappalli)
*Specialization:* International Trade & Logistics, Human Resource Management

### Assistant Professors

**Rajeesh Viswanath, Ph.D. (**Dibrugarh University)
*Specialization:* Organisational Behaviour, Cross Cultural Management, Human Resource Management

**S. Thiyagarajan, Ph.D.** (University of Madras, Chennai)
*Specialization:* Quantitative Techniques, Operations Research, Advertising.

# RAMANUJAN SCHOOL OF MATHEMATICAL SCIENCES

## Dean: Prof. P. Tirupathi Rao

### Department of Mathematics
### Department of Statistics

**Five Year Integrated Programme**

From the Academic year 2006-07, the School offers five year integrated M.Sc. programme in the three branches of Mathematics, Statistics and Computer Science. The intake of students for each subject is 25, making a total of 75 for the Integrated M.Sc. programme.

## COURSE PATTERN

The students of the five year M.Sc Integrated program of Ramanujan School of Mathematical Sciences would be crediting courses in all the three branches, viz. Mathematics, Statistics and Computer Science in the first three years, apart from two compulsory courses in English, one in Environmental Science and the other in Public Administration. A student has to complete a total of 120 credits in the first three years of the program. The students of the 4th and 5th years of the programme have to take the courses in the respective departments of Mathematics, Statistics and Computer Science.

## INFRASTRUCTURE FACILITIES

The Integrated Programme has seminar halls/ class rooms with modern audio/ video facilities and well-equipped computer laboratory.

## ENTRANCE EXAMINATION

The selection for the 5 year integrated programme will be based on an entrance examination consisting of 80 questions in Mathematics of objective type at Higher Secondary level (i.e. Plus 2 level) and 20 questions in Basic Statistics at Higher Secondary level (i.e Plus 2 level) including the topics measures of central tendency, measures of dispersion, probability, conditional probability, ranodom variable, binomial, poisson and normal distributions.

# DEPARTMENT OF MATHEMATICS

Ramanujan School of Mathematical Sciences

The Department was established in 1986 and it aims to train people who are oriented towards research and teaching in advanced areas of Mathematics. The Department was supported for the development of infrastructure by the Department of Science and Technology (DST), Government of India under FIST programme during 2009-14 and University Grants Commissions (UGC) - Special Assistance Programme (SAP) - DRS-I level during 2009-14. Presently, the Department is supported by the University Grants Commission - Special Assistantce Programe (SAP) - DRS-II level for enriching Research Support for the period 2015-20. The National Board for Higher Mathematics (NBHM) gives support for purchase of library books related to Mathematics. The faculty members are involved in national and international projects.

## PROGRAMMES OF STUDY

**M.Sc.** Mathematics
**M.Sc.** Mathematics (Five Year Integrated Course)
**Ph.D.** Mathematics (Full-time)

## ENTRANCE EXAMINATION

The question paper for admission to M.Sc. Mathematics will comprise of 100 multiple choice questions on Mathematics at the B.Sc. level Mathematics.

For admission to Ph.D. there will be 100 multiple choice questions on Mathematics at the M.Sc. level Mathematics.

## INFRASTRUCTURE FACILITIES

The Department has a separate building, a seminar hall and a well-equipped computer laboratory. Various mathematical softwares for course work and research are also available.
The National Board for Higher Mathematics (NBHM) gives support for Library. .

## FACULTY

### Professors

**M. Subbiah, Ph.D.** (I.I.T., Kanpur)
*Specialization:* Hydrodynamic Stability
**S. R. Kannan, PhD.** (I.I.T., Madras)
*Specialization:* Fuzzy Clustering in Data Analysis
**T. Duraivel, Ph.D.** (Pondicherry University, Puducherry)
*Specialization:* Commutative Algebra

### Professor & Head

**Rajeswari Seshadri,** Ph.D. (I.I.Sc., Bangalore)
*Specialization:* Computational Fluid Dynamics

### Associate Professor

**A. Joseph Kennedy, Ph.D.** (University of Madras, Chennai)
*Specialization:* Combinatorial Representation Theory

### Assistant Professors

**S. Francis Raj, Ph.D.** (SASTRA University, Thanjavur)
*Specialization:* Graph Theory.
**S. N. Fathima,** Ph.D. (Mysore University, Mysore)
*Specialization:* Number Theory, Special Functions
**I. Subramania Pillai, Ph.D.**
(University of Hyderabad, Hyderabad)
*Specialization:* Topological Dynamics.

# DEPARTMENT OF STATISTICS

[DST-FIST & UGC-SAP(DRS-1) Department]

Ramanujan School of Mathematical Sciences

The Department of Statistics was established in 2006. Currently, the department offers M.Sc. Statistics, M.Sc. Five Year Integrated (Statistics), Ph.D. (Statistics) and M.Sc Quantitative Finance programmes. The Department aims to train students in the development and applications of Statistical techniques for analyzing data arising in the scientific investigation of problems in various disciplines. It also provides training in handling modern statistical software in the analysis of such data. In the present scenario, it is rather impossible, even to think of any field which does not employ modern statistical tools to arrive at rational conclusions from research studies and a statistician is always an indispensable part of any research team carrying out research investigation.

The Department is supported for development of infrastructure by the Department of Science and Technology (DST), Government of India under FIST program and University Grants Commission (UGC) – Special Assistance Program (SAP) – DRS – I level. The faculty members are actively engaged in research and publish papers in national and international journals.

## PROGRAMMES OF STUDY

**M.Sc.** Statistics
**M.Sc.** Statistics (Five Year Integrated)
**M.Sc.** Quantitative Finance
**Ph.D.** Programme in Statistics (Full-time and Part-time)
**P.G.D.S.R.M.**(Post Graduate Diploma in Statistical Research Methodology)

## ENTRANCE EXAMINATION

The question paper for the Entrance Examination for admission to the **M.Sc. (Statistics)** Course will consist of 100 multiple choice questions with the following break up.

**Statistics:** (No. of questions – 75)

Descriptive Statistics, Statistical Methods (Theory of Attributes, Correlation & Regression), Probability Theory, Random Variable (including Bivariate case), Mathematical Expectation (Including conditional cases), Probability Inequalities (including Laws of large numbers), Distribution Theory (discrete and Continuous probability distributions), Sampling Distributions, Theory of Estimation, Testing of Hypothesis (including Non Parametric methods), Applied Statistics (Sampling, SQC, Design of Experiments), Time series analysis and Index Numbers, Vital Statistics and Official Statistics at B.Sc. Statistics (Major/Hons) level.

**Mathematics:** (No. of questions – 25)

Algebra, Sequence and Series, Matrices, Differential Calculus and Integral Calculus at the B.Sc. Allied level.

As per the UGC regulations 2016, the entrance examination for admission to **Ph.D.(Statistics)** program will consist of 100 multiple choice questions on two parts.

Part-1: **Research Methodology** (50 questions) on the topics of Scientific Research, Empirical Research, Methods of Mathematical and Applied Statistics, Prototyping of Classical Research, Protocols of Applied Research, Linear Algebra and Matrix Theory, Programming in R, Multivariate Statistical Analysis, Regression Analysis, Time Series Analysis and Statistical Data Mining Methods.

Part-2: **Advanced Statistical Theory** (50 questions), on the topics of Probability Theory, Statistical Quality Control, Distribution Theory, Theory of Estimation, Sampling Theory, Stochastic Processes, Testing of Statistical Hypotheses, Design of Experiments, Biostatistics, Decision Theory, Econometrics, Demographic Techniques, Reliability Theory, Actuarial Statistics, Simulation Techniques, Elements of Queuing Theory, Survival Analysis, Operations Research, Bayesian Inference, Inventory Control Theory, Database Management System and Non Parametric Inference.

## INFRASTRUCTURE FACILITIES

The Department of Statistics has a new premises constructed exclusively for the Statistics department with facilities like seminar halls, Statistical Computing Laboratories, classrooms with LCD projectors and Wi-fi connectivity for conducting classes. There are around 70 terminals in the computing laboratories with high end configuration that support standard statistical software like IBM SPSS 19.0, MINITAB 17 and R language. Students will have ample opportunities to use of these softwares that will help them in placement after completion of the course. The course curriculum includes a blend of theoretical and applied papers.

Statistics books (both text and reference books) worth more than 20 lakhs are available in the University Central Library in addition to e–resources and e–journals. The recent syllabus for M.Sc. course provides broad choice of opportunities for students to select the elective subject according to their preferences. Since the updated syllabus includes UGC-CSIR NET examination syllabus contents, students will be benefitted in taking such and other competitive examinations for All India services.

## PLACEMENTS AND BEST PRACTICES

The placement activities of the Department are taken care by a Placement Cell which comprises of a student member and a faculty advisor. The placement cell organizes campus recruitment programs every year and takes pride in facilitating placement for eligible students in multinational companies and other companies in the private sector. Many MNCs conduct the campus placement/recruitments in the Department in the core areas of statistics and general recruitments along with other departments. Our students are excelling their careers on Five broad spectrum of **TRACS**

- Teaching & Learning
- Research & Higher Education,
- Administrative Placements & Self Employment
- Consulting & Data Practicing
- Statistical Software Training & Skill Development

Department is also caring all the co curriculum activities for overall development of students by undertaking the necessary programs with different faculty coordinators.

- Coordinator- Alumni activities for better liaison between the current and past students;
- Coordinator- Student affairs for exploring interactions among university and industry;
- Coordinator- Eminent invited lecture series;
- Coordinator- Upgrading the class room Infrastructure and laboratory;
- Coordinator- Procurement of books, software and other laboratory equipments;
- Coordinator- Placements, Career Planning and Soft skills developments;
- Coordinator- Statistical Training and Research Motivations in classical and applied statistics; etc.

The Department hosts regular academic activities in the form of conferences, workshops, seminars, educational tours, placement activities, alumni networking, skill development programs, promotion of research and intellectual properties, statistical software training, etc.

Semester wise Academic planning, Special invited lecture series with eminent people, Campus recruitment, Career guidance, Student coordinating activities for overall development, Choice based credit system, Freedom for selecting either internal or external soft core papers and pursue the courses as per the flexibility of students need are some other interesting features of the courses.

The Department is also involved in the up gradation of academic orientation and syllabus modification as per the current trends and changing requirements of job market as well as emerging changes in new knowledge inputs. There are periodical meetings of Board of Studies to take up the above mentioned activities.

## FACULTY

### Professor & Head

**P. Dhanavanthan, Ph.D.** (University of Madras)
*Specialization:* Distribution Theory, Operations Research

### Professor

**P. Tirupathi Rao, Ph.D.** (Andhra University)
*Specialization:* Stochastic Modeling, Optimization Methods, Statistical Computing and Biostatistics.

### Associate Professor

**Kiruthika, Ph.D.** (University of Madras)
*Specialization:* Multivariate Analysis, Artificial Neural Network

### Assistant Professors

**V. S. Vaidyanathan, Ph.D.** (University of Madras)
*Specialization:* Data Mining Methods, Distribution Theory and Inference.
**Navin Chandra, Ph.D.** (Banaras Hindu University)
*Specialization:* Reliability Theory, Bayesian Inference and Survival Analysis
**Sudesh Pundir, Ph.D.** (Panjab University)
*Specialization:* Distribution Theory, Statistical and Bayesian Inference and High Dimensional Data Analysis.
**R. Vishnu Vardhan, Ph.D.** (Sri Venkateswara University)
*Specialization:* Biostatistics Classification Techniques. Multivariate Analysis, Statistical Computing

# Master's Degree in Quantitative Finance

Information plays a vital role in business decision making and adequate data are required to derive such information. It is observed that most of the organizations do not the have information required to make decisions and others manage through professionals with the required skill sets to classify, analyze and interpret information. The fact based decision making requires managers who know how to summarize, analyze and interpret financial data. Financial analyses with Statistics and Mathematical tools are extensively used by organizations for better decision making.
Masters Degree in Quantitative Finance is a UGC **Innovative and Interdisciplinary program** a specialized course, jointly offered by the Ramanujan School of Mathematical Sciences and School of Management from 2012. UGC has sanctioned this course under its "Innovative Programme – Teaching and Research in Interdisciplinary and Emerging areas" scheme. The primary focus of this course is to develop manpower with "knowhow" and "know why" skills regarding application of Statistics and Mathematical tools in financial analysis. It focuses on the fundamentals of Mathematics, Statistics, Econometrics, Computer Science and Risk Management. It provides the necessary analytical tools to solve practical problems in a complex and rapidly evolving world of financial services industry.

Students are trained for corporate roles across several verticals of business like Financial Analysts, Research Analysts, Analytics in marketing, Operations Research, Insurance and Risk Management, etc. This course will also expose the students to popular analytics software tools like, SPSS, Minitab, R Language, Python, Eviews, STATA, Gretl, Financial Analysis through Excel, CMIE- PROWESS, Bloomberg etc.

**For Whom**

This course is for all those who are dreaming to have a career as Financial Analyst and Business Analytics and for those who are interested in applying Statistical and Mathematical knowledge in Economics, Monetary Policy and Corporate Finance. This is an intensive program wherein students will study subjects which are necessary in the process of analysis such as Stock Market and Financial Institutions, Derivatives Market, Risk Management and Strategies, Forex Market etc.

## MAJOR HIGHLIGHTS OF THE CURRICULUM:

This course is designed to provide an in depth knowledge of handling financial data like stock market, commodity market, FOREX market etc and statistical and mathematical analytics tools that can be used for fact based decision making. The subjects offered under this programme are a blend of Data Science, Econometrics, General Management, Behavioral Finance, Portfolio and derivatives, Risk Management, International Finance, Time series analysis and Forecasting, Fixed Income Securities along with advanced Statistics, Mathematics and Information Technology that enables to build models and analyze the financial positions of organizations.

**Eligibility & Entrance Examinations**

Aspirants with a passion for learning analytics having a Bachelor's degree in B. Sc. (Mathematics), B. Sc. (Statistics), B. Com./B.B.A/B.B.M with Mathematics, B. A. / B. Sc. (Economics/Econometrics) with Mathematics, Bachelor's degree in Engineering (Computer Science & Engineering/ Information Technology) or Bachelor's degree in Computer Science/Computer Applications/Information Technology. Candidates are admitted for M.Sc Quantitative Finance programme based on an All India level entrance examination conducted by the University. The entrance examination is similar to that of any standard All India Management Admission tests (on the lines of CAT/GMAT/GRE) with objective type questions in General English, Reasoning, Problem Solving and decision making, basics of Computer Science, General Knowledge and Contemporary Business Issues

## UNIQUE FEATURES:

- Industry Linked Course Curriculum
- Computer Lab based Subjects
- Field Study based Assignments
- Learning through Experience
- Internships
- Industrial visits / Training Modules

## GUEST LECTURES AND WORKSHOPS

Enrichment lectures by professionals and face to face/ virtual workshops/training regarding placements and group discussions are organized on a regular basis.

## TEACHING LEARNING PROCESS:

This course will be conducted through class room sessions, online sessions, mentoring sessions, projects and internships with emphasis on Intuitive, Interactive and Innovative (I3) practices

- Intuitive: Class Room Lectures by professors and Adjunct/ Visiting faculty from Industries.
- Interactive : computer labs, Internships, workshops and case studies
- Innovative: Live Projects, Industry and Activity Based Learning.

## INFRASTRUCTURE FACILITIES

The course has a separate building, a seminar hall and a well-equipped computer laboratory. Various statistical/ Econometric software's for course work and research are also available.

## CAREERS

After completion of this programme, students will be capable of taking positions with financial institutions like investment banking, up wealth management companies, securities trading and government regulatory organizations like Reserve Bank of India, Securities and Exchange Board of India, Insurance Regulatory and Development Authority. Careers include financial engineers Financial Analysts and a range of positions requiring advanced understanding of quantitative finance like financial model building.

## PLACEMENTS

Placement activity is provided for studens in Multinational companies, public and private sectors. The following companies visit the campus regularly.

## OUR RECRUITERS

Ernst & Young, JP Morgan, Institute of Economic Growth, S & P Global, Axis bank, HDFC Bank, SPI Globa, BNP Paribas, Aditya Birla Housing Finance, Max Life Insurance, Suryodaya Bank, Anvil Share and Stock Broking, PKC Consultancy, Shri Ram Finance. Learny Technologies.

## CO ORDINATOR

**Prof. P. Dhanavanthan**, Professor and Head, Department of Statistics, Ramanujan School of Mathematical Sciences, Pondicherry University, Puducherry.

## DEPUTY CO-CORDINATOR

**Dr. D. Lazar**, Professor and Head, Department of Commerce,
School of Management, Pondicherry University, Puducherry.

# SCHOOL OF PHYSICAL, CHEMICAL AND APPLIED SCIENCES

Dean: Prof. M.S. Pandian

## Department of Physics
## Department of Chemistry
## Department of Earth Sciences
## Department of Applied Psychology
## Department of Coastal Disaster Management (Port Blair)

The School is uniquely placed to conduct interdisciplinary teaching and research activities in Physical, Chemical and Applied Sciences. The Departments of this School offer M.Sc (two year) and Ph.D. programmes in Physics, Chemistry, Earth Sciences, Disaster Management (Port Blair) & Applied Psychology. The Departments of Physics, Chemistry and Earth Science also offer Integrated M.Sc programmes of five years duration in Physics, Chemistry and Applied Geology for the +2 students.

Ph.D programmes of Indian Institute of Astrophysics, Bangalore and Physical Research Laboratory, Ahmedabad are co-ordinated by the School under MoUs.

All the Departments have distinguished faculty and excellent laboratory and computational facilities. There are more than 200 research scholars engaged in frontline areas of research. A high percentage of M.Sc. students of the School have qualified National Level Tests, like UGC-CSIR NET and GATE which stands as testimony for the quality of teaching and research. Students and researchers of the school routinely use Central Instrumentation Facility (CIF) and Library.

The department of Physics, Chemistry and Earth Sciences are supported by DST-FIST and UGC-SAP programmes. Sophisticated research equipments have been procured under these funding and are extensively used for teaching and research. The faculty members of the School have attracted funding for research from various National Agencies and Industries.

# DEPARTMENT OF PHYSICS

School of Physical, Chemical and Applied Sciences

The Department of Physics came into existence in June 1987. The Department offers postgraduate programmes and conducts research in frontier areas of Physics and Material Science. The Department has been recognized for special funding by DST under the Fund for Improvement of Science and Technology Infrastructure (FIST-Level II) and also UGC-SAP DRS-II Programmes. The faculty members have obtained major research grants exceeding Rs 25 crores from different funding agencies such as DST, AICTE, UGC, IFCPAR, NBHM, DRDO, DAE, INSA, CSIR and NAB. The research activities have resulted in publication of more than 800 research papers in peer-reviewed journals including 9 patents. The members of the faculty are accorded with several national and international awards, they are also fellows of the national academies, members in national and international scientific advisory committees and referees of many national and international journals. Our faculty members are involved in collaborative research projects with leading scientists in various laboratories and also with Industries in India and abroad.

## PROGRAMMES OF STUDY

**M.Sc.** Physics (2 years), with four specializations Condensed Matter Physics, Electronics, Laser Physics, Astrophysics.
**M.Sc.** Physics (5 year Integrated)
**Ph.D.** Physics (Full-time) in experimental and theoretical fields of Physics & Material Science.

## ENTRANCE EXAMINATION

The question paper will consist of 100 multiple choice questions.
**For Five year integrated M.Sc.(Physics) programme,** the questions are drawn from Physics, Chemistry and Mathematics at +2 (HSC) level with equal weightage.
**For two year M.Sc. (Physics)** the questions are from all the Physics and basic Mathematics subjects of UG degree with Physics as main and Mathematics and Chemistry as ancillaries.
**For Ph.D course**, the objective questions are drawn from all the subjects under the PG course in Physics.

## ADMISSION

Admission to the above programmes is through a national level entrance examination. CSIR-UGC JRF Fellowshi holders are exempted from the entrane test for admission to Ph.D programme.

## RESEARCH / PLACEMENT OPPORTUNITIES

The students of the Department have been placed in leading scientific laboratories as well as in MNCs. Our students have been successful in the national level examinations viz., GATE / CSIR-UGC resulting in research placements in India and abroad. Research seminar sare periodically organized involving eminent Indian and foreign scientists. The Department has conducted several International/National level conferences/seminars / workshops to encourage research activities in the University. For empowering students and showcasing their talents, programs such as Research scholar seminars, Reflections are organised by the scholars/students of the department.

## AREAS OF RESEARCH

- Materials for High Energy Density Battery
- Solid State Ionics
- Laser Dynamics, Nonlinear Optics and Solitons
- Magnetism and Magnetic Materials
- Nanomaterials
- Computational Biophysics and Statistical Mechanics
- Quantum Mechanics and Field Theory
- Spintronics, Multiferroics and Photovoltaics
- Atomic Physics
- Plasma Physics
- Computational Fluid Dynamics
- Quantum Information Science
- Thin Films and Plasmonics

## INFRASTRUCTURE FACILITIES

**Teaching and Research facilities in the Department of Physics:** Powder X-ray diffractometer (PAN ANALYTIC XPERT), AFM/STM (BRUKER MULTIMODE 8), Differential Scanning Calorimeter (SETARA LABSYS), VSM,FTIR (Shimadzu 8700 Spectrophotometer), DC magnetron sputtering system (Hind-Hivac), Impedance analyzer – 30 to 40 MHz (NOVOCONTROL), Hioki LCR mater with cryostat (80 K to 400 K), Particle size analyser, Surface Area Analyser, Glove box-VAC-USA,Battery cycle tester, Susceptibility meter (Bartington England), High temperature furnaces, Spinner magnetometer (Molspin England), Multifrequency Ultrasonic Interferometer, Laser based experiments, Computer laboratory, High End Computing Cluster, Nd-YAG and Titanium Sapphire Laser.The advanced research facilities accessible to Department of Physics are available in the Central Instrumentation Facility, www.pondiuni.edu.in/cif.

## FACULTY

### Professor & Head

**V. V. Ravi Kanth Kumar, Ph.D.** (S. V. University, Tirupati)
*Specialization*: Photonic Crystal Fibers, Glass / Glass-ceramics, Spectroscopy, Condensed matter Physics.

### Professors

**G. Chandrasekaran, Ph.D.** (Annamalai University)
*Specialization*: Magnetism and Magnetic materials,
**Ramaswamy Murugan, Ph.D.** F.A.S.Ch (Pondicherry University)
*Specialization*: Materials for Lithium Batteries, Spintronic and Multiferroic materials.
**S. Sivaprakasam, Ph.D.**(University of Hyderabad)
Specialization: Laser Dynamics.
**R. Sivakumar, Ph.D.** (I.I.T, Madras)
*Specialization*: Fluid dynamics, Computational Physics, Hydrogen Storage Materials.

### Associate Professors

**A. Ramesh Naidu, M.Phil, Ph.D.** (University of Hyderabad
*Specialization*: Cognitive Neuroscience, Theoretical Condensed Matter Physics.
**S. V. M. Satyanarayana, Ph.D.** (IGCAR, Kalpakkam)
*Specialization*: Computational Biophysics, Statistical Mechanics, Nonlinear Dynamics, Quantum Information Science.
**Alok Sharan Ph.D.** (I.I.T, Kanpur)
*Specialization*: Lasers, Experimental nonlinear Optics.
**Rabindra Nath Bhowmik Ph.D.** (Jadavpur University / Saha Institute of Nuclear Physics, Kolkata)
*Specialization*: Magnetism and Magneto-transport phenomena.
**Suraj Kumar Sinha, Ph.D.**
(Institute for Plasma Research, Gandhinagar)
*Specialization*: Plasma Physics.

### Assistant Professors

**B. Muthukumar, Ph.D.**
(Saha Institute of Nuclear Physics, Kolkata)
*Specialization*: Quantum mechanics and field theory on non-commutative spaces.
**Gangineni Ramesh Babu, Ph.D.**
(Technical University/ IFW, Dresden, Germany)
*Specialization*: Spintronics and Multiferroics.
**D. Bharathi Mohan, Ph.D.**
(University of Hyderabad, Hyderabad)
*Specialization*: I-VII Semiconductors, Plasmonics and Solar Cells.
**K.V.P. Lata, Ph.D.** (Indian Institute of Astrophysics)
*Specialization*: Atomic Physics: Ab-initio electronic structure calculations; CP Violation, Beyond standard model.

### UGC-Assistant Professor

**Yugeswaran Subramanian, Ph.D**(Bharathiar University, Coimbatore)
Specialization: Thermal Plasma Processing, Advanced Coatings, Waste treatment and Clean Energy.

**Refer the website http://www.pondiuni.edu.in/department/department-physics for detailed academic profile of all faculty members.**

**All the faculty members are recognised supervisors for guiding Ph.D. candidates.**

# DEPARTMENT OF CHEMISTRY

School of Physical, Chemical and Applied Sciences

The Department of Chemistry at Pondicherry University is a leader of the molecular revolution, addressing the most challenging and important questions in the physical and life sciences of the 21st century. By leveraging its multi-disciplinary vision, its culture of synergistic collaboration and translational science, and its excellence in the physical, biological and engineering sciences, the department with its distinguished faculty and alumni is opening new fields and frontiers and fundamentally new and innovative ways to address the increasingly complex scientific, health, energy and environmental problems of our time.

Since its inception in 1989, the department has been is engaged in imparting the highest level and quality of academic education and has focused upon addressing key scientific problems, which have gathered worldwide appreciation and recognition. The department has 16-member faculty expertise in frontier level of research and have had the exposure and scope to carry out research of preliminary originality contributing genuinely towards the enhancement of academic and industrial interactions. We have contributed towards the publication of over 300+ research papers and 5 patents. There are about 10 ongoing research projects sponsored by various government organizations.

**Vision and Mission**

- Boldly explore and advance new chemical frontiers in life sciences, physical sciences, medicine, energy, materials, and environmental sciences through visionary research, innovation, collaboration, and scholarship
- Discover, Create and Understand
- Design and model molecules that modulate biological processes
- Create materials for energy storage, reaction enhancements, and applied materials
- Understand the contribution of geometric and electronic structure to function
- Inspire and Educate
- Inspire a knowledge platform that supports an inventive culture
- Educate future leaders about how chemistry underlies living systems and physical processes
- Lead and Collaborate
- Lead in fostering solutions to problems of global significance by collaborating across many disciplines both within and external to Pondicherry University

**Research Activities:**

The department is engaged in a number of innovative areas of work. Our research crosses traditional boundaries and engages with other disciplines, both within Pondicherry University and with external stakeholders across a range of sectors. The importance of the Department's research in the real world is exemplified by our many industrial collaborations and successful start-ups. This collaborative network is reflected in our 8 main research themes.

Catalysis:

The research areas are diverse across the theme, encompassing: small molecule and novel–materials synthesis, the development of routes to new pharmaceuticals and therapeutics, new energy vectors, new polymeric materials, efficient use of renewable resources, novel heterogeneous systems for chemicals essential for modern society, electrocatalysis, innovative healthcare solutions, chemical biology, theory and computation.

**Synthesis:**
Our major synthetic research are (a) developing new and efficient catalyst, (b) preparing small drug and probe molecules (c) preparing new functional materials (d) developing new, energy efficient, and greener synthetic routes.

**Chemical Biology:**
Our collaborative research areas are (a) understanding biology at the molecular level; synthesis and modification of biomolecules; development of biomolecular machines; molecular basis of biological mechanism (b) mechanistic studies of metalloenzyme redox catalysis; small molecule activation at metal centres in enzymes; new energy storage and generation solutions (c) creation of hit-lead-probe-drug candidates; development of diagnostic methods; molecular imaging of disease; novel methods for the interrogation of diseased systems; molecular strategies in targeted delivery; De Novo synthetic biology, novel therapeutic strategies.

**Dynamics and Mechanism:**
Precision gas-phase kinetics and reaction dynamics studies are undertaken through quantum theoretical and collaborative efforts for experimental investigations to improve our understanding of molecular collisions at the most fundamental level.

**Functional materials and interfaces:**
Our expertise spans the discovery, understanding and development of theory for materials providing solutions in energy, healthcare, electronics, engineering and catalysis. Much of the research is naturally interdisciplinary and collaborative.

**Computational Chemistry and modelling:**
Theoretical research group at Pondicherry amply reflects this breadth and diversity, yet maintains coherence in terms of research themes and methodology. Core research activities range from fundamental studies of quantum theory in condensed matter, chemical reaction dynamics, and electronic processes in macromolecular systems, to computational soft and biological matter, computer simulation of novel materials, and applied computational research in inorganic and organic chemistry.

**Programs of Study:**
Chemistry at Pondicherry University offers teaching and research programs, namely, M.Sc. Integrated Chemistry a five years program, M.Sc. Chemistry a two years program and Ph.D. Chemistry (full-time / Part-time). The purpose of these programs is:

- To provide a strong foundation in fundamentals of Chemistry through various degree programs to develop human resources with high professional competence, work ethics and human value.
- To develop skill to carry out research in cutting edge areas, both of basic and applied nature, on par with international standards
- To develop diversified, integrated, interdisciplinary knowledge and skills as well as inculcation of the values needed to survive in the highly competitive knowledge and skilled society.
- Give students with relevant experience at master's level the opportunity to carry out focussed research in the discipline under close supervision.
- Give students the opportunity to acquire or develop skills and expertise relevant to their research interests.
- Provide all students with relevant and useful researcher development training opportunities to broaden their horizons and properly equip them for the opportunity which they seek following their PhD studies.

## Admission to Programs:

**5-years M.Sc. Integrated Chemistry** is a ten-semester program, enabling to explore the links within the subject and related sciences. The core material is taken by all students, with opportunities to specialize later in the program. The fifth year is devoted exclusively to research. Minimum Qualification: 10+2 school completion certificate from any central/state board with Mathematics, Physics, Chemistry as main papers. Admission procedure: The admission to this program is through a common entrance examination with the question paper having 100 multiple choice questions, out of which 20 questions are from English at +2 level and Test of Reasoning and the remaining 80 questions are distributed among Chemistry, Mathematics and Physics at +2 level.

**2-years M.Sc. Chemistry** program offers the right proportion of a combination of theory and laboratory-based courses. Theory courses are offered at two levels spread over four semesters. Class room attendance, interaction with peers and faculty, problem-solving approach and integration with online learning management system are features of the program. Minimum Qualification: B.Sc. Chemistry or equivalent from any UGC recognized university/ college. Candidates who do not possess mathematics in their +2 examination must prove their competence by registering designated course mathematics course through NPTEL/MOOC. Admission procedure: The admission to this program is through a common entrance examination consists of 100 multiple choice questions, out of which 90 questions will be distributed among common subdomains of chemistry like Inorganic, Organic, Physical and Analytical Chemistry at under graduate level and 10 questions will be from mathematics at +2 level.

**PhD Chemistry** is offered by the Department of Chemistry as a full-time/Part-time modes introduces students to research skills and specialist knowledge. Students are integrated into the research culture of the Department by joining a research group, supervised by one of our academic staff, in one of the following areas of chemistry: solid state chemistry and inorganic materials, coordination chemistry, analytical chemistry, bio-inorganic chemistry, bio-organic chemistry, organometallic chemistry, synthetic organic chemistry, carbohydrate chemistry, photochemistry, polymer science, homogeneous and heterogeneous catalysis, green chemistry, nano chemistry, quantum chemistry, computational chemistry, cheminformatics, reaction dynamics, molecular and magnetic resonance spectroscopy. Minimum Qualification: M.Sc. Chemistry/Chemical Sciences or equivalent from any UGC recognized university/college. Candidate possessing other degrees like M.Sc. Materials Chemistry, M.Sc. Industrial Chemistry, M.Sc. Biochemistry are also considered for admission but to specific research groups. Admission procedure: Admission to this program will be through a common entrance examination with question paper having 100 multiple choice questions distributed in all sub-branches of chemistry at post graduate level. Shortlisted candidates from the entrance examination must appear for an interview to evaluate their research aptitude. The cumulative marks from entrance examination and interview will be taken for admission. Prospective students having CSIR-UGC JRF, are exempted from the entrance test and may appear for the interview directly.

### Research Funding and Facilities

Premier national funding agencies such as DST, CSIR, UGC and AICTE support research work of the faculty members. Apart from individual major sponsored research projects by the faculty members, the department is also supported by the Department of Science & Technology (DST), Government of India through FIST (Level-I) program and by the University Grants Commission through UGC-SAP (DSA-I) program to aim for higher impact research activities.

Department houses some selected instrumental facilities to support day-to-day teaching and research activities. The major facilities: HRMS, Single Crystal XRD, FT-IR, LC-MS, HPLC, C/H/N/S analyzer, UV-Vis spectrometer, Fluorescence spectrometer and electrochemical workstations. In addition to this, the Central instrumentation Facility offers numerous advanced level instrumentation and analysis support to the department activities. The Department has excellent computational facility and computer networking for both intra and internet facilities. This computational centre provides the necessary infrastructure to theoretical and computational research activities.

In addition to above, individual research groups have laboratory space, fume hoods, essential laboratory equipment, anaerobic facilities, specialized equipment and others.

### PLACEMENT AND FUTURE PROSPECTS

The academic curriculum of the Department helps a good number of students to qualify in national level competitive examinations including NET, GATE, and to find placement in major pharmaceutical, chemical manufacturing, industries and as academic professionals in colleges and universities through campus recruitment and personal contacts. Research students have opportunities for post-doctoral positions in various international and national institutes through government agencies and personal contacts.

## FACULTY

### Professor & Head

**R. Venkatesan,** Ph.D. (IIT-Bombay, Mumbai)
*Specialization:* Applied Material Chemistry, Photochemistry, Electrochemistry, Computers in Chemical Education.

### Professors

**Bidhu Bhusan Das,** Ph.D. (IIT-Kanpur, Kanpur)
*Specialization:* Synthesis and state-of-the-art structure-property relations in Electronic and Magnetic Materials, Powder XRD, Magnetic Resonance Spectroscopy (EPR, NMR).

**K. Anbalagan,** Ph.D. (University of Madras, Chennai)
*Specialization:* Nanomaterial Photocatalysis, Inorganic Photo-Chemistry, Nanosized Ferromagnetic materials, Surface Adsorption Dynamics.

**K. Tharanikkarasu,** Ph.D. (University of Madras, Chennai)
*Specialization:* Controlled Radical Polymerization, Anionic Polymerization, Fuel Cell Membranes, Nanocomposites, Anti-TB and Anti-Malarial agents.

**Bala. Manimaran,** Ph.D. (IIT-Bombay, Mumbai)
*Specialization:* Organometallaics, Nanoscale Materials and Supramolecular Chemistry, Coordination Chemistry.

**C. Sivasankar,** Ph.D. (IISc, Bangalore)
*Specialization:* Catalysis, Organometallics, Bioinorganic and Computational Chemistry.

**M. Bakthadoss,** Ph.D. (University of Hyderabad) Specialization: Stereo Selective Organic Synthesis, Heterocyclic Chemistry, Green Chemistry, Asymmetric Synthesis.

**G. Vasuki,** Ph.D. (Madurai Kamaraj University, Madurai) Specialization: Green chemistry, Stereo selective Synthesis and Chemistry Education (Constructivist Learning).

### Associate Professors

**N. Dastagiri Reddy,** Ph.D. (IIT-Kanpur, Kanpur)
*Specialization:* Main group organometallics, transition metal based homogenous catalysis.

**M.M. Balakrishnarajan,** Ph.D. (Bharathidasan University, Tiruchirapalli)
*Specialization:* Chemical Information Sciences, Computational Chemistry

**C. R. Ramanathan,** Ph.D. (University of Hyderabad, Hyderabad)
*Specialization:* Asymmetric synthesis, Drug design and discovery.

**Binoy Krishna Saha, Ph.D.** (University of Hyderabad, Hyderabad) Specialization: Crystal Engineering, Host-guest Chemistry, Polymorphism, Solid-state.

### Assistant Professors

**S. Sabiah,** Ph.D. (IIT-Madras, Chennai)
*Specialization:* Bio-inorganic chemistry, Coordination Chemistry and Metal-carbene Chemistry.

**Toka Swu,** Ph.D. (Nagaland University, Lumami)
*Specialization:* Material Science, Coordination Chemistry.

**R. Padmanabhan,** Ph.D. (University of Hyderabad, Hyderabad)
*Specialization:* Quantum Dynamics, Excitation energy transfer.
(For more information visit https://chempu.ac.in)

# DEPARTMENT OF EARTH SCIENCES

School of Physical, Chemical and Applied Sciences

The Department of Earth Sciences at Pondicherry University was started in September 1994. The Department is being supported by UGC- Special Assistance Programme at DRS level and by DST-FIST Programme. A National Facility for geochronology and isotope geosciences in housed in the Department. The Department strives to achieve academic excellence and to produce geoscientists with world class training.

## PROGRAMMES OF STUDY

**M.Sc.** Applied Geology (2 year)
**Integrated M.Sc.** Applied Geology (5 year)
These M.Sc. courses are designed to develop basic understanding of the earth and earth processes, as well as, skills to apply this knowledge to solve problems of global and national importance. The curriculum includes theory courses offered by experienced faculty, practical courses with world class laboratory facilities, intensive field training at the best locations in the country, and a project work supported by sophisticated equipment.

**Ph,D. Earth Sciences**
**(Full – time, part time (Internal &External))**
The research programme includes course designed to develop research orientation, and supervised research work in conventional , as well as, emerging areas of geosciences. State of the art research facilities, including XRD, ICP-AES, ICP-MS, TIMS, IRMS, optical microscopes and heating – freezing stage are available in the department. Additionally, XRF, EPMA, confocal Laser Raman Spectrometer and other sophisticated research equipment useful for geo scientific research are available in the Central Instrumentation Facility

## ENTRANCE EXAMINATION

Selection for M.Sc. Applied Geology will be based on performance in entrance examination which will include 100 Multiple Choice Questions in Geology at B.Sc. level.
Selection for Integrated M.Sc. Applied Geology will be based on entrance examination consisting of 100 Multiple Choice Questions distributed equally among Chemistry, Mathematics and Physics +2 level.
For admission to Ph.D. programme, entrance examination will consist of 100 Multiple Choice Questions in Geology at M.Sc. level.

## INFRASTRUCTURE FACILITIES

The Department has well equipped laboratories with sophisticated equipment to cater to the needs of practical course-work of M.Sc. students as well as for research. Major facilities available in the Department are listed below:

**Mineralogy, Petrology & Paleontology Laboratories:**
Student's and Research model Polarizing Microscopes with Photographic facility heating-freezing stage for fluid inclusion Analysis Stereoscopic zoom microscopes, Laser Particle Size Analyser, X-ray Powder Diffractometer, Isodynamic Magnetic Separator are available in the Department. SEM, XRF and EPMA are available in CIF to support paleontological / mineralogical / petrological studies.

**Museum:** The department has a Geology museum with a collection of about 800 rock forming minerals, ore minerals, industrial minerals, various type of rocks and fossils.

**Geochemical Laboratory:** Advanced analytical facilities like ICP-AES, ICP-MS are available. This laboratory also has other minor equipment like Furnace, Electronic balance, Spectrophotometer, Flame photometer, Conductivity meter, pH meter, MilliQ Water Purifier etc.

**Isotope Geoscience Laboratory:** Thermal ionization mass spectrometer with ultra-clean laboratory to carry out Rb-Sr, Sm-Nd and U-Th-Pb geochronological and isotope studies is available. This laboratory is also used for cosmogenic isotope studies (10Be, 26Al) in collaboration with IUAC, New Delhi.

**Computing and Remote sensing & GIS Facility:** Adequate number of PCs with internet connectivity through University intranet and online access for large number of journals and other e-sources. ERDAS, ArcGIS, ENVI-IDL, Total Station Microsurvey CADD2010 softwares and digital satellite imageries for remote sensing and GIS applications are available.

**IRMS Laboratory:** For measurement of stable isotope composition of H, C, O, S, in a variety of sample (water carbonates, sulphides Organic Metter etc) a lab is established
as a central facility.

**Field Equipment:** Global positioning system, Survey equipment, SLR and Digital cameras are available to carryout geological field studies.

**Geoscience Workshop:** Rock cutting machine, thin section preparing machine, Mounting machine for polished ore blocks are available for preparing thin sections and ore mounts. Ball mill and Planetary mill with agate grinding sets, Automatic sieve shaker are available for sample preparation.

**Geophysics Laboratory:** Digital refraction seismic timer with geophone, Terrameter, Portable magnetometer and Resistivity meters are available.

**Topographic maps and Geological maps:** Large collection of topographic maps in 1: 50000 scale covering southern states of India and Geological maps of Indian states, Districts and important mineral deposits in various scales have been procured.

## RESEARCH ACTIVITIES

The research areas offered by the Department are Geochemistry, Isotope Geochronology, Ore Geology, Tectonics, Metamorphic Petrology and Paleoclimate studies, Hydrogeology, Remote Sensing and GIS. Interdisciplinary research with the Departments of Chemistry and Physics are being actively pursued in the fields of EPR spectroscopy of minerals and paleomagnetism. Inter-institutional collaborative research involving IITs, and PRL are also in progress. Presently, 25 full-time and 2 part-time scholars are working for Ph.D. All the faculty have research projects funded by DST,CSIR, UGC, PRL, BRNS, PLANEX etc. Recognising the research capability of the Department, DST has provided funds under FIST programme (₹ 78 lakhs) for the Second Phase and UGC has sanctioned funds under SAP-DRS programme (₹ 70 lakhs) recently.

**Geochronology and Radiogenic Isotope Research**
A variety of studies, such as, Archean crust-mantle evolution, early oxygenation of the Earth, tectonic evolution of south Indian granulitic terranes, petrogenesis of carbonatites, origin of Proterozoic sedimentary basins and provenance of modern and ancient fluvial, deltaic and beach sediments and water-rock interaction studies are being carried out. Rb-Sr, Sm-Nd and Pb-Pb isotope compositions on whole-rock and mineral separates are being routinely analyzed using a clean isotope geochemistry lab and Thermal Ionization Mass Spectrometer (TIMS, Triton - model of Thermo-Finnigan) and LA-ICPMS. 10Be and 26Al isotope studies are undertaken to estimate denudation and sedimentation rates.

**Ore Geology**
There are active research programmes on the study of well known ore deposits in India and Russia to understand the environment and process of ore formation. These research programmes are supported by well equipped optical microscopy, fluid inclusion, XRD and LA-ICP MS labs in the Department and EPMA, WD-XRF and Laser Raman Microprobe in the Central Instrumentation Facility.

Stable isotope (hydrogen, carbon, nitrogen, oxygen and sulfur) analysis of carbonate, sulfide and sulfate ore minerals is also carried out using IRMS for understanding processes of ore formation.

**Rock Weathering and Sediment Geochemistry**
Research includes study of elemental, including REE, redistribution during the surface earth processes and its use in provenance and tectonic interpretations. Study of micro and macro-level geochemical and mineralogical changes in different rock types weathering under different climatic regimes is also being carried out. The research is carried out in well equipped laboratories with facilities for chemical digestion of geological samples and elemental analysis by ICP-MS, ICP-AES and EPMA

**Paleoclimatology and climate studies**
Research involves reconstruction of the past climate employing chemical and isotopic studies of various proxies such as lacustrine and deltaic sediments and tree-rings. The current projects deals with paleoclimate reconstruction of Cauvery river basin and high resolution temperature reconstruction of western Himalaya. Research also includes isotopic characterization of modern precipitation for understanding the evolution of isotopic composition of rainfall during precipitation. Modeling studies for proxy characterization and response analysis is also being carried out. The research work is supported by IRMS, particle size analyzer, XRD etc.

**Remote Sensing and GIS**
Research activities involved are lithological discrimination and mineral targeting using hyperspectral remote sensing and Planetary Geology. The lab is equipped with computational facilities to do image processing and GIS related work. Software – ERDAS Imagine 10, ENVI4.7, ARCGIS are available.

**Micropaleontology**
Research at post-graduate and PhD level is offered and the laboratory is equipped with Wet laboratory, Stereozoom Microscopes and SEM with all other essential facilities.

**Geophysics**
With the help of Proton Precession Magnetometer and the crustal modeling "Oasis Montaj" software ground magnetic studies are being carried out in the northeast part of Tamil Nadu.

**Geohydrology**
Groundwater and surface water chemistry, geochemical and geohydrological modeling, thermodynamics and speciation modeling, remote sensing and GIS applications in groundwater resource estimation and management is being done. Equipments such as Flame photometer, Spectrophotometer, Ion selective detectors and Resistivity equipments and groundwater modeling software are available.

## PLACEMENT OPPORTUNITIES

The academic curriculum of the Department helps a good number of students to qualify in national level competitive examinations including NET, GATE, and to find placement in major geoscientific organizations like AMD, GSI, CGWB, NHPC, ONGC, etc. Private companies also recruit students through on and off campus placements.

## ONGOING DEVELOPMENTS:

A Laser ablation system has been recently added to the ICP – MS. Research activities on paleoclimate has been initiated with setting up of IRMS based stable Isotope facility.

## FACULTY

### Professor & Head

**Rajneesh Bhutani, Ph.D.**
(Physical Research Laboratory, Ahmedabad)
*Specialization:* Isotope Geology, Tectonics.

### Professors

**S. Balakrishnan, Ph.D.**
(Jawaharlal Nehru University, New Delhi)
*Specialization:* Isotope Geology, Geochemistry.
**M. S. Pandian, Ph.D.** (Indian School of Mines, Dhanbad)
*Specialization:* Economic Geology, Mineral Exploration.
**D. Senthil Nathan, Ph.D.** (IIT, Kharagpur)
*Specialization:* Paleontology, Sedimentology.
**Pramod Singh, Ph.D.**
(Jawaharlal Nehru University, New Delhi)
*Specialization:* Geochemistry, Sedimentology.
**K. Srinivasamoorthy, Ph.D.** (Annamalai University)
*Specialization:* Hydrogeology, Remote Sensing and GIS.

### Associate Professor

**Subhadip Bhadra, Ph.D.** (IIT, Kharagpur)
*Specialization:* Structural Geology, Geochemistry.
**Nurul Absar, Ph.D.**
(Aligarh Muslim University, Aligarh)
*Specialization:* Sedimentary Geochemistry, Precambrian

### Assistant Professors

**S. Lasitha, Ph.D.** (Cochin University of Sci. & Tech.)
*Specialization:* Geophysics (Seismology & Gravity).
**Manisha Kumari, Ph.D.**
(Mohanlal Sukhadia University, Udaipur)
*Specialization:* Palaeontology, Stratigraphy, Micropalaeontology.
Crustal Evolution, Sedimentology.
**K. N. Kusuma Ph.D.**
(IIT Bombay)
*Specialization:* Hyperspectral Remote Sensing, GIS, Planetary Geology, Geomorpology.

# DEPARTMENT OF APPLIED PSYCHOLOGY

School of Physical, Chemical and Applied Sciences

The Department was established in the academic year 2007-08, with an aim to train students to make psychology more practically oriented and to apply the principles of psychology to cater to the needs of the society. The Department offers PG and PhD programmes. The two year M.Sc. (Applied Psychology) programme taught by competent faculty, instills in the students the professional competence and training to emerge as mental health professionals. The Department offers specialized focus on HRD Psychology, Clinical and Counselling Psychology. The Department is well equipped with state-of-the art laboratory and a well stacked library. The curriculum is integrated with field work in hospitals and industries in association with NGOs and consultancies

## Mission

A systematic study on the scientific nature, day to day application and problem solving nature of Psychology keeping the Indian context in view and serving the people in need proactively and thus serving the society and nation.

## Vision

To develop as a globally recognized destination for teaching and researching in the context of indigenous, cultural and value system resulting in the further strengthening of Psychology as an academic discipline to serve all the stake holders

## PROGRAMMES OF STUDY

**M.Sc.** Applied Psychology

The first two semesters are common for all the students in M.Sc. Applied Psychology. The papers include: Cognitive Psychology, Theories of Personality, Advanced Social Psychology, Research Methodology, Biological Psychology, Positive Psychology, Health Psychology, Statistics in Psychology, and practicum.

The students have to select either Clinical or Counselling or HRD Psychology as a specialisation in the third semester. The following are the papers to be taught:

i. Clinical Psychology

Psychopathology, Psychological Therapies, Community Psychology, Neuro Psychology, and Practicum – Clinical Psychology.

ii. HRD Psychology

Psychopathology, Organisational Behaviour, Human Resource Management, Training and Development in Organisations and Practicum - HRD Psychology.

iii. Counselling Pyschology

Psychopathology, Theories and Approaches to Counselling, Counselling Skills, Career Guidance and Counselling and Practicum – Counselling Psychology

**Ph.D. Applied Psychology (Full-time & Part-time)**

The department has experienced Faculty Members to guide the doctoral students in different areas of psychology.

## ENTRANCE EXAMINATION

The selection of the student for both MSc and PhD is through an all India entrance examination conducted by the University. It consists of 80 multiple choice questions on psychology and allied subjects and 20 on English and test of reasoning.

## FIELD WORK AND INTERNSHIP

There are two internships that students have to undergo. The first internship is called as Internship – General, and the second internship as Internship – Specialization. The first internship will be immediately after the first year during the summer vacation, and the second internship will be carried out in the beginning of the fourth semester.

## INFRASTRUCTURE FACILITIES

The Department has two well equipped laboratories for experimental, cognitive, clinical, industrial, and counseling psychology in addition to spacious class rooms with audio visual facilities. Apart from the test materials, equipments such as multi behavior therapy, EEG Alpha Bio Feedback, respiration, bio feedback, stammer suppression, aversion therapy etc are also available in the laboratory for their use in practice and research.

## FACULTY

### Professor & Head

**Surendra Kumar Sia, Ph.D.** (University of Delhi, Delhi)
*Specializaiton:* Organizational Psychology & Environmental Psychology, Positive Pyschology, Pyschology of Elderly.

### Professors

**Sibnath Deb, Ph.D., D.Sc.** (University of Calcutta, Kolkata)
*Specialization:* Clinical, Health, Counselling, Child Safety, Adolescent Reproductive Health including HIV/AIDS.

**B. Rangaiah, Ph.D.** (University of Mysore, Mysore)
*Specialization:* Cognitive Processes, Cross –Cultural, Mental Health, Statistics, Psychometrics

### Associate Professor

**D. Barani Kanth, Ph.D.**
(Periyar University, Salem)
*Specializaiton:* Industrial Psychology, Counselling Psychology

### Assistant Professors

**D. Dhanalakshmi, Ph.D.** (Osmania University, Hyderabad)
*Specialization:* Health Psychology

**Rejoyson Thangal, M.Sc.** (University of Mysore, Mysore)
*Specialization:* Evolutionary Psychology, Sociobiology, Human Development

# SCHOOL OF LIFE SCIENCES

## Dean: Prof. P.P. MATHUR

Department of Biochemistry & Molecular Biology
Department of Biotechnology
Department of Ecology & Environmental Sciences
Department of Food Science and Technology
Department of Microbiology
Department of Ocean Studies and Marine Biology
Centre for Bioinformatics

The School of Life Sciences is a leading School in Pondicherry University and stands one of the most innovative in the country in conducting interdisciplinary research and teaching in modern areas of Life Sciences. At present the School has six departments and one centre. M.Sc. and Ph.D. programs in Biochemistry & Molecular Biology, Microbiology, Biotechnology, Ecology, Environmental Sciences, Marine Biology, Food Science and Nutrition, Food Science and Technology and Bioinformatics are being offered. In addition, M.Tech in Computational Biology and P.G. Diploma in Biotechnology are also offered. M.Sc. Biotechnology is also offered under self-financing mode. The Department of Ocean Studies and Marine Biology is based in Port Blair, Andaman & Nicobar Islands.

All the departments have state-of-the-art laboratory facilities with sophisticated equipment to meet the needs of postgraduate and doctoral students. The infrastructure and research facilities in the various departments of the School are being supported by DBT, DST-FIST and UGC-SAP programs. The School of Life Sciences has Central Instrumentation facility in addition to the Central Animal House Facility, Marine Animal Facility and Food Processing Pilot Plant. All the teaching and research activities follow the regulatory guidelines and is overseen by various committees such as IBSC, IAEC, IHEC and ISCEC. A large number of students of the School have cleared competitive examinations like those conducted by CSIR, UGC, ICMR, ICAR-NET, DBT and GATE. Students have also got placement in reputed Institutes / Universities and industries in India and abroad.

The School has highly qualified and enthusiastic faculty who have received training at various prestigious institutions in India and abroad. Many of them have received national and international recognitions like Fellowship of the National Academy of Science India, Fellowship of Indian Science Congress Association, Fellowship of the National Academy of Medical Sciences, Fellowship of the National Academy of Agricultural Sciences, Fellowship of Royal Society of Chemistry and MC Namara Fellowship of World Bank.

The faculty of the School have received a large number of national and international awards like Asutosh Mookerjee Memorial Award, Rockefeller Foundation Biotechnology Career Award, Rockefeller Foundation Fellowship, Biotechnology Overseas Award (DBT), Innovative Young Biotechnology Award, INSA-DFG Exchange Award, INSA Young Scientist medal, NASI Young Scientist medal, ICMR International Fellowship, Fogarty Fellowship, CSIR-CNRS Fellowship, BOYSCAST Fellowship, Indo-US C.V. Raman Fellowship, Agasthiyar Award, Renato Dulbecco Memorial Award and Best Researcher Award from European Molecular Biology Organization (EMBO) etc.

The faculty members are involved in basic and applied research in different areas of Life Sciences and have established research collaborations within India and abroad. They have been invited to deliver lectures and chair sessions in various National and International Conferences / Seminars / Workshops. Faculty and students have published papers in high impact journals and held editorial assignments.

One of the most significant achievements of the School is that the faculty have received very significant research support through extramural funding from national and international agencies like DST, DBT, UGC, CSIR, ICMR, DRDO, AICTE, AERB, AYUSH, BRNS, Ministry of Earth Sciences, ONGC, MOEF & CC, Indo-Ireland, Indo-Mexico, Indo-Russia, European Union, US Fish a nd Wildlife Service, Population Council (USA) and Rockfeller Foundation (USA).

# DEPARTMENT OF BIOCHEMISTRY AND MOLECULAR BIOLOGY

School of Life Sciences

The Department of Biochemistry & Molecular Biology (DBMB) was started as Department of Biological Sciences under School of Life Sciences in 1987 and had been offering M.Sc., M.Phil. and Ph.D. degrees in Life Sciences. In 2004, it was renamed as department of Biochemistry & Molecular Biology. Since then this Department has been offering M.Sc. and Ph.D. courses in Biochemistry and Molecular Biology and the syllabus has been periodically revised(pondiuni.edu.in/downloads/syllabus)

DBMB offers a congenial environment for knowledge development, research training and for individual growth. The Department has an excellent complement of teaching by the faculty who are involved in basic and applied research in different areas of Biochemistry and Molecular Biology. The Faculty have teaching/postdoctoral research experience in Indian/ Foreign Universities/ Institutions. The Faculty have established research collaborations with Indian and foreign investigators. Faculty members were recipients of Rockefeller Foundation Biotechnology Career Award, Biotechnology Overseas Award (DBT),INSA-DFG Exchange Award, ICMR International Fellowship, Fogarty fellowship and CSIR CNRS Fellowship. A few faculty members have been Visiting Scientists to Population Council (USA), John Hopkins University (USA), University of Virginia, Cleveland Clinic (USA). Prestigious awards like, Subhash Mukherjee Memorial Infar India, Oration Award, Asutosh Mookerjee Memorial Award, Life time Achievement Award. Renato Dulbecco Memorial Award, Best Researcher Award from European Molecular Biology Organization (EMBO), INSA Visiting Scientist Award, Women Scientist Award by Biotechnology Research Society of India (BRSI) and Young Scientists' Award have been received by the faculty members. Fellowships of the National Academy of Sciences, India (NASI), National Academy of Medical Sciences (NAMS) and Indian Science Congress Association (ISCA) have been conferred on the faculty. Faculty members have travelled widely within India and abroad on various academic assignments and for participating in Conferences. A few faculty members have been serving on editorial boards of various National and International Scientific Journals in addition to serving as peer reviewers.

The Department has received support from DST as a special funding under DST-FIST beginning from 2002, 2009 and a continuing support in 2018 with level II. The Department has also received the UGC – Special Assistance Program in 2011 and was a part of DBT – BUILDER Program in 2010. The Department Faculty secured extramural funding worth several crores of rupees from different national funding agencies such as DST, DBT, UGC, CSIR, ICMR, DRDO and Ministry of Environment & Forests. The Department has also attracted funding from International agencies like Population Council (USA) and the Rockfeller Foundation (USA). The Department has established collaboration with the Cleveland Clinic, USA for training students in Reproductive Biology.

## PROGRAMMES OF STUDY

**M.Sc.** Biochemistry & Molecular Biology
**Ph.D.** Biochemistry & Molecular Biology

## ENTRANCE EXAMINATION

Selection of students for the M. Sc. is based on the National Level Entrance Examination conducted by the Pondicherry University at various centers in the country. The test consists of 100 multiple choice questions in Biochemistry, Molecular Biology, Zoology, Botany, Chemistry, Biophysics, Microbiology, Genetics, Physiology and allied areas at B.Sc level for admission of M.Sc Programme.

Admission to Ph.D. Programme is based on UGC/CSIR NET or equivalent qualification.

## THRUST AREAS OF RESEARCH

- Reproductive Endocrinology, Toxicology
- Microbial Biochemistry & Biotechnology
- Nanomedicine, Liver Regeneration
- Natural Principles, Cell Signaling, Degenerative diseases Cancer, Diabetes, Parkinson' s, Alzhemier's, Heart and Liver diseases
- Phytomedicine
- Gene delivery –Targeted therapy, Nano Oncology
- Tumorigenesis & Cell Signaling
- DNA Damage Response, DNA Repair
- Cellular & Molecular Neuroscience
- Endocrinology & Ageing Biochemistry
- Sensorineural Degeneration and Cell Therapeutics; Retinal Biology.

## LABORATORY AND INSTRUMENTATION FACILITIES AVAILABLE

DBMB has state-of-the-art laboratories with an excellent modern instrumentation facility for teaching and advanced research in Biochemistry and Molecular Biology. The Department has facilities to carry out research in *in vitro* and *in vivo* systems. The instrument facility includes- High Speed Refrigerated Centrifuges, Ultracentrifuge, Ultra sonicator, PCR, ELISA, Trans-blot apparatus, Geldoc apparatus, CO2-incubators, Phase contrast microscope, UV-Vis Spectrophotometers, Ultra pure water-purifier and cold room.

## OTHER FACILITIES

- The Department has an equipped animal cell culture facility.
- The Department has an exclusive computer laboratory with a high-speed internet connectivity.
- The faculty and students are provided access to the School of Life Sciences Animal House facility for experimental research.

## SPECIAL GRANTS RECEIVED

- The Department has been granted DST-FIST (Level II) support in 2018(Rs. 149.0 Lakhs)
- The Department received DST-FIST repeat support in 2009 (Rs. 70 Lakhs)
- The Department is a recipient of a Collaborative Research Grant awarded to the Departments of Biochemistry & Molecular Biology, Biotechnology and the Center for Bioinformatics, Pondicherry University under the IPLS program of the Department of Biotechnology, New Delhi, in 2010 (₹9 crores).
- The Department is a recipient of the UGC-SAP grant (₹ 45.3 lakhs) in 2011.
- The Department has also received grants under DST-PURSE programme.

## EMPLOYMENT ORIENTATION / SKILL FORMATION / KNOWLEDGE GENERATION

Every year a good number of students from this Department qualify in the UGC/CSIR-NET Exam and GATE and enter into Premier Research Institutes in India. Also some of our students get high scores in GRE/TOEFL exams and enter foreign Universities to pursue their Ph.D. programs. Our students have also been placed in Pharmaceutical, Biotechnology and Bioinformatics companies.

## FACULTY

### Professor & Head

**P. P. Mathur, Ph.D.** (Banaras Hindu University, Varanasi)
*Specialization:* Reproductive Biochemistry and Molecular Biology, Environmental Endocrinology and Bioinformatics

### Professor

**K. Jeevaratnam, Ph.D.** (IISc, Bangalore)
Specialization: Nutrition Biochemistry, Microbial Biochemistry and Biotechnology

### Assistant Professors

**R. Rukkumani, Ph.D.** (Annamalai University, Chidambaram)
*Specialization:* Cancer Biology & Nano oncology, Liver Toxicity, Phytotherapy, Molecular Medicine, Targeted therapy
**S. Sudharani, Ph.D.** (Pondicherry University, Puducherry)
*Specialization:* Immunology, Cell Signaling in Degenerative Diseases, Nanotherapy
**C. Thirunavukkarasu, Ph.D.** (University of Madras, Chennai)
*Specialization:* Hepatocarcinogenesis, Nano Medicine Liver Regeneration
**P. Latha, Ph.D.** (University of Madras, Chennai)
*Specialization:* Reproductive Biology and Phytomedicine
**Kitlangki Suchiang, Ph.D.**
(North Eastern Hill University, Shillong)
Specialization: Endocrinology, Ageing Biochemistry
**Madhu Dyavaiah Ph.D.** (University of Mysore)
Specialization: Biotechnology, DNA damage response
**Asmita Dasgupta Ph.D.**(Jadavpur University, Kolkata)
Specialization: Cellular and Molecular Neuroscience

### UGC-FACULTY RECHARGE PROGRAM

**UGC- Assistant Professor**
**Subbulakshmi Chidambaram, Ph.D.**
(University of Goettingen, Germany)
Specialization: Sensorineural Degeneration and Cell Therapeutics; Retinal Biology.

# DEPARTMENT OF BIOTECHNOLOGY

School of Life Sciences

The Department of Biotechnology, established in 1992, offers M.Sc. and Ph.D. programmes in Biotechnology. DBT, Govt. of India is supporting the Department to strengthen the M.Sc. Biotechnology teaching programme for the past 20 years. To augment vibrant research and to develop modern infrastructure facility, the members of the faculty attract extramural grants from national (UGC, DBT, DST, CSIR, AICTE, AERB, ICMR, BRNS and MOES) and international (Indo-Swiss Network, Rockefeller Foundation and Danish Government) agencies. Publications, Patents and job placements of alumini from the department attest the exemplary teaching and research work carried out in the Department. The department is also supported by DST(FIST) and UGC (SAP) grants for establishing state of the art facilities for teaching and research.

## PROGRAMMES OF STUDY

**M.Sc.** Biotechnology*
**Ph.D.** Biotechnology (Full-time)
**PG-Diploma** in Biotechnology(Add on course)

## ENTRANCE EXAMINATION

**M.Sc. Biotechnology**
Selection of students is based on GAT-B (Graduate Apptitude Test for Biotechnology) a computer based test conducted accros the country at various centres and based on the All India Merit list of students as per GOI reservation policy appearing in the test. Details can be accessed in the Regional Centre for Biotechnology (RCB)website https://www.rcb.res.in.
Candidates should apply to Pondicherry University for admissions separately to M.Sc. Biotechnology Programme All admitted students through GAT-B score are eligible to get DBT fellowship.

**Ph.D. Biotechnology (Full-time)**
The Department offers a full-time Ph.D. programme for which students are admitted through All India Entrance Examination conducted by the University. The number of students to be admitted for Ph.D. is decided on the basis of requirement and the number of vacancies available in the Department. The students admitted for Ph. D. programme through University Entrance Examination are offered a stipend of Rs. 8,000/- per month for a period of three years. Those with JRF-NET (CSIR/UGC/DBT/ICMR) are exempted from appearing in the entrance examination and can contact the respective faculty.

**PG-Diploma in Biotechnology (Add-On course)**
This is a two semester course offered during evening hours to students. Twenty Students are admitted based on merit in the qualifying examination and the reservation is given as per University norms.

## THRUST AREAS OF RESEARCH

- Drug discovery from microbes, plants and animals.
- Probiotics for disease control in fish, shrimp, poultry and cancer.
- Plant genomics and Genetic engineering of crop plants
- Nosocomial infections and Bacterial pathogens
- Host-pathogen interaction and quorum sensing.
- Stem Cell Biology
- Biological Nanomaterials
- Epigenetics and Protein Engineering
- Chemical Biology
- Scientific validation & standardization of AYUSH Drugs
- Functional Foods and Food-Drug interactions

## SPECIAL RESEARCH GRANTS RECEIVED

The Department receives research grants from different funding agencies like DBT, DST, UGC, CSIR, AYUSH, AERB, ICMR, MOES, BRNS, Puducherry Government and Industries. The Department is supported by the DST-FIST and the UGC-SAP (DRS I & DRS II) programmes.

## INFRASTRUCTURE FACILITIES

The Department is equipped with spacious laboratories with state-of-the art facilities such as Cold room, Photo-documentation, Plant tissue culture, Biosafety facility, Animal cell culture and Central Animal house facility. The Department also has equipments such as high speed refrigerated centrifuges, UV-Vis spectrophotometer, Bioreactor system, Fermenter, $CO_2$ incubators, $CO_2$-$O_2$ Incubator, Electrophoresis apparatus, Electroporator, Gel documentation and chemiluminescent system, Multimode reactor, PCR, Real-time PCR, Flash Chromatography, HPLC, GC, LCMS, Vacuum concentrator, TG and 2D Electrophoresis (IEF), Flow cytometer, Lyophilizer, Luminometer, MACS (Magnetic Active Cell Sorter) Phase contrast, Fluorescence and Inverted Microscopes, -80° C deep freezers, Ultrasonicator, Luminescence Spectrometer and Microplate Spectrofluorimeter.

## FACULTY

### Professor & Head

**A.Hannah Rachel Vasanthi, Ph.D** (Tamil University, Thanjavur)
*Specialization:* Biochemical Pharmacology and Toxicology, Herbal Drug Development

### Professors

**N. Sakthivel, Ph.D.** (University of Madras, Chennai)
*Specialization:* Plant Biotechnology, Molecular Plant-Microbe
Interaction, Biological Nanomaterials
**V.Arul, Ph.D.** (Madurai Kamaraj University, Madurai)
*Specialization:* Aqua Culture, Marine and Food Biotechnology
**N. Arumugam, Ph.D.** (University of Delhi)
*Specialization:* Genetic Manipulation of Crop plants, Molecular Plant Breeding.
**B. Sudhakar, Ph.D.** (Indian Institute of Science, Bangalore)
*Specialization:* Stem Cell Biology, Nano Biotechnology, Cancer Biology.

### Assistant Professors

**Lata Shukla, Ph.D.**
(Jawaharlal Nehru University, New Delhi)
*Specialization:* Plant Biotechnology, Free Radical Research.
**K. Prashanth, Ph.D.**
(JIPMER, Pondicherry University, Puducherry)
*Specialization:* Medical Biotechnology, Immunology, Medical Microbiology.
**V. Venkateswara Sarma, Ph.D.**
(University of Madras, Chennai)
*Specialization:* Microbiology, Microbial Biotechnology
**Arunkumar Dhayalan, Ph.D.**
(Jacobs University, Bremen, Germany)
*Specialization:* Epigenetics, Protein Engineering

# DEPARTMENT OF ECOLOGY AND ENVIRONMENTAL SCIENCES

School of Life Sciences

The major objective of this Department is to provide interdisciplinary high quality education to students in order to deepen their understanding of contemporary ecological and environmental issues. The faculty have received international and national research awards and medals. Some have also been elected to the fellowship of National Academies and professional societies and are on the editorial boards of national and international journals.

## PROGRAMMES OF STUDY

**M.Sc.** Ecology
**M.Sc.** Environmental Sciences
**Ph.D.** Ecology and Environmental Sciences (Full time)

## ENTRANCE EXAMINATION

Selection of students for M.Sc. and Ph.D. is based on All India Entrance Examination. The question paper will consist of 100 Multiple Choice Questions from all branches of Ecology & Environmental Sciences; Botany, Biotechnology, Biodiversity; Conservation Biology, Evolution, Genetics, Impact Assessment, Pollution and Toxicology, Remote sensing and GIS, Statistics and Zoology .

## THRUST AREAS

Biodiversity and Conservation; Environmental Pollution; Agro-Ecosystem; Weed Ecology; Land use Planning; Resource Management; Wetland Ecology; Mathematical Modelling; Human Ecology and Environmental Health; Remote Sensing and GIS; Environmental Informatics, Marine Ecology; Coastal Zone Management; Conservation Biology; Plant Animal Interactions; Ornithology and Wildlife Ecology.

## R & D PROJECTS

Faculty members received funds for research projects from UGC, DST, MOEF & Climate change, ONGC, Rockefeller Foundation, US Fish and Wildlife Service and other funding agencies.

## PLACEMENT

Students of the deparment have been placed in renowned research institutions and Universities in India and abroad, Government Organizations and NGOs.

## INFRASTRUCTURE FACILITIES

The department has well equipped laboratories with sophisticated equipments such as Atomic Absorption Spectrophotometer, Skalar Auto Analyzer; UV Spectrophotometer, Gel-apparatus, Cooling high speed Centrifuge, FTIR Stereoscopic microscopes and Flame photometer, etc.

## FACULTY

### Professor & Head

**S. Jayakumar, Ph.D.** (Bharathidasan University, Tiruchirapalli)
*Specialization:* Remote Sensing & GIS, Land cover dynamics and modelling, Landscape Ecology, Carbon dynamics, Environmental Informatics, Forest Ecology.

### Professors

**N. Parthasarathy, Ph.D.** (University of Madras, Chennai)
*Specialization:* Biodiversity & Conservation, Forest Ecology, Diversity and Ecology of lianas, Medicinal Plant Resources
**K. V. Deviprasad, Ph.D.**
(Purdue University, USA)
*Specialization:* Theoretical studies, Modeling, Policy, Climate Change and Environmental Law & Policy.

### Associate Professors

**D. Ramamoorthy, Ph.D.**
(Annamalai University, Chidambaram)
*Specialization:* Agriculture and Weed Ecology, Medicinally useful weeds, Ecology of Medicinal plants.
**S. S. Sundaravel, M.A., P.G.Diploma in Planning** (CEPT University, Ahmedabad)
*Specialization:* Environmental Impact Assessment, Climate Change and Vulnearability, Landscape Ecology & Planning.
**SM. Sundarapandian, Ph.D.**
(Madurai Kamaraj University, Madurai)
*Specialization:* Biodiversity and Conservation, Forest Ecology, Climate Change & Carbon Mitigation, Biological Invasion, Population Ecology, Medicinal Botany, Soil Biology & Fertility.

### Assistant Professor

**Suja P. Devipriya, Ph.D. (on EOL)**
(Cochin University of Science and Technology, Kochi)
*Specialization:* Photo catalysis, Water Quality and Water Treatment Technologies, Environmental Biotechnology, Solid Waste Treatment.

BIRDS OF OUR CAMPUS

SNAKES IN OUR CAMPUS
THEY ARE JUST AS SCARED OF YOU,
AS YOU ARE OF THEM.
THEY WILL BITE ONLY WHEN THREATENED.
THEY BELONG TO THE CAMPUS AS MUCH AS WE DO.
SO DON'T KILL THEM.

# DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY

School of Life Sciences

The Department of Food Science and Technology (Formerly Food Science and Nutrition) under the School of Life Sciences was established in the year 2007 offering post graduate courses and Ph.D programme in Food Science and Nutrition and Food Science and Technology (2009-2010 onwards). The major objective of the department is to implement education, research and outreach programs which are premeditated to provide a safe, nutritious, and affordable food supply that enhances human health. The faculty members in Food Science and Technology come from diverse backgrounds and cover a wide range of specialties. We have experts in the areas of food chemistry, food microbiology and food safety, food processing, food engineering, food analysis, biotechnology and bio-processing, clinical nutrition, biochemical and molecular nutrition, community nutrition and dietetics.

## PROGRAMMES OF STUDY

**M. Sc.** Food Science and Nutrition
**M. Sc.** Food Science and Technology
**Ph.D.** Food Science and Nutrition(Full time)
**Ph.D.** Food Science and Technology(Full time)

## ENTRANCE EXAMINATION

The selection of student is based on All India Entrance Examination.

**M.Sc. and Ph.D. in Food Science and Nutrition**

The question paper will consists of 100 Multiple Choice Questions in Human physiology, Food Microbiology, Biochemistry, Food Science, Nutrition, Dietetics and allied areas.

**M.Sc. and Ph.D. in Food Science and Technology**

The question paper will consists of 100 Multiple Choice Questions in Basic Mathematics, Food Microbiology, Biochemistry, Food Science, Food Process Engineering, Agricultural Engineering and allied areas

## THRUST AREAS OF RESEARCH

Food product development by using Novel Processing Techniques, Development of gadgets/ machineries for the Food Processing, Isolation and Characterization of Bioactive Phytochemicals, Safety Assurance of Food, Novel Food Products based on Functional Starter Cultures, Fermented Foods and Starter Culture and Meat Processing.

## INFRASTRUCTURAL FACILITIES

The Department is well equipped with spacious laboratories and sophisticated equipment. The Department has acquired a state-of-the-art food processing pilot plant. The pilot plant facility house various food processing equipment of semi industrial scale such as canning and retort unit, spray drying unit, modified atmosphere packing unit, industrial baking unit, freeze drying unit, tray drier and fluidized bed drier in addition to other smaller equipment.

## FACULTY

### Professor & Head

**S. John Don Bosco, Ph.D.**
(Tamil Nadu Agricultural University, Coimbatore)
*Specialization:* Agricultural Process Engineering

### Professor

**H. Prathap Kumar Shetty, Ph.D.**
(National Institute of Nutrition/ Mangalore University, Managlore)
*Specialization:* Food Safety, Food Biotechnology

### Associate Professor

**S. Haripriya , Ph.D.**
(Avinashilignam University for Women, Coimbatore)
*Specialization:* Nutritional Epidemiology, Antioxidant and Phytochemicals, Food Chemistry, Food Security, Community Nutrition

### Assistant Professors

**Narayanasamy Sangeetha, Ph.D.**
(Avinashilignam University for Women, Coimbatore)
*Specialization:* Food Product Development, Therapeutic Nutrition, Community Nutrition.

**Sunooj K.V., Ph.D** (University of Mysore)
*Specialization:* Food Chemistry, Food Engineering, Food Material Science, Cold Plasma Technology, Non Conventional Starch

**Seghal Kiran.G, Ph.D.** (Bharathidasan University )
*Specialization:* Fermentation Microbiome, Bioprocess Technology

# DEPARTMENT OF MICROBIOLOGY

School of Life Sciences

The Department was started in the year 2009 and was housed under the Department of Biochemistry and Molecular Biology, School of Life Sciences. The Department is committed to excellence in education, research and extension. The Department is strengthened with various research units and periodical update / modernization of the curricula. The Department brings together a variety of researchers as faculty of this programme who are specialized in their domains and united by the common goal of understanding the "Microbes".

The department has been offering M.Sc. and Ph.D. courses in Microbiology. As the microbial activities are so diverse, the microbiology programme is a multidisciplinary subject, which will have the roots of life science, environmental science, and engineering. Traditional microbiology is considered to be an important area of study in biology since it has enormous potential and vast scope in fermentation, bioremediation and biomedical technology. But recent developments from human microbiome project, metagenomics and microbial genome projects have expanded its scope and potential in the next generation drug design, molecular pathogenesis, phylogeography, production of smart biomolecules, etc. Modern Microbiology has expanded its roots in genome technology, nanobiotechnology, green energy (biofuel) technology, bioelectronics, etc. Considering recent innovations and the rapid growth of microbiological approaches and applications in human and environmental sustainability, the M.Sc. Microbiology curriculum is designed to enlighten students from the basics of Microbiology to recent developments.

## PROGRAMMES OF STUDY

**M.Sc.** Microbiology
**Ph.D.** Microbiology

## ENTRANCE EXAMINATION

**M.Sc. Microbiology**: The selection of students is based on All India entrance examination. The question paper will consist of objective type of questions of multiple choice. The questions will test the basic knowledge of the students in general and applied microbiology, biochemistry, cell and molecular biology and genetic engineering

**Ph.D. Microbiology**: For admission to the Ph.D program, UGC/CSIR- NET qualified students are directly admitted to the program. Students can join the Ph.D. Program based on merit as per list prepared following the All India Entrance Examination conducted by Pondicherry University and are entitled to receive the University Fellowship. Research Fellows selected in Research Projects who are desirous to register for Ph.D. have to appear for the Entrance Examination.

## THRUST AREAS OF RESEARCH

The faculty members are actively engaged in research and have published papers in international impact journals. Various funded projects by UGC, DST-SERB, DBT, DST Indo-Ireland and CSIR are being implemented in the Department. Based on the expertise of the faculty, the following thrust areas of research are being promoted in the Department:

Metagenomics and Microbial Bioprospecting
Fungal Genetics and Mycotoxicology
Microbial Biocatalysis and Drug Discovery
Enzyme Technology
Host-Pathogen interaction
Malaria Parasite Biology

## LABORATORY AND INSTRUMENTATION FACILITIES

The Department has state of the art laboratories with an excellent modern instrumentation facility for teaching and advanced research in Microbiology. The instrument facility includes- Laminar air flow, autoclave, microbial incubators, BOD incubator, High Speed Refrigerated Centrifuges, HPLC, Ultracentrifuge, PCR, CO2-incubators, microscopes, UV-Vis Spectrophotometers, water-purifier, -80°C, RT-PCR, Fluorescent microscope, Biosafety cabinet, FPLC and FTIR. Further major equipment are available in the central instrumentation facility.

## FACULTY

### Professor & Head

**Joseph Selvin, Ph.D.**
(Central Marine Fisheries Research Institute)
Specialization: Metagenomics and Bioprospecting

### Assistant Professors

**Maheswaran Mani, Ph.D.**
(Justus Liebig University, Germany)
Specialization: Infection-Immunity, Stem cell biology
**Sharmili Jagtap, Ph.D.** (National Chemical Laboratory, Pune)
*Specialization:* Enzyme Technology, Developmental Biology.
**Regina Sharmila Dass, Ph.D.**
(University of Mysore, Mysore)
*Specialization:* Fungal Genetics and Mycotoxicology.
**Busi Siddhardha, Ph.D.**
(Indian Institute of Chemical Technology, Hyderabad)
*Specialization:* Drug discovery and Microbial catalysis.
**Vinoth Rajendran, Ph.D. (DST-Inspire Faculty)**
(University of Delhi)
*Specialization:* Parasitology & Antimalarial Therapeutics.

# CENTRE FOR BIOINFORMATICS

School of Life Sciences

The Centre for Bioinformatics in Pondicherry University was started as Sub Distributed Information Centre of the Department of Biotechnology, Govt. of India (DBT) in 1991. The mandate of the Centre is to train manpower and conduct research in various areas of Bioinformatics and Computational Biology. Recognizing the progress made by the Centre, DBT upgraded the Centre to a full Centre level in 2002 and several new positions were sanctioned and additional funding was allocated.

The Centre was identified as a Centre of Excellence for Research and Training in the field of Bioinformatics by the Department of Information Technology, Govt. of India, New Delhi from 2007 to 2013 and awarded a special grant of ₹ 3.69 crores. The Centre has taken up several research projects and has offered modular courses in Bioinformatics under this Grant.

The Centre started an innovative M.Sc., program in Bioinformatics in 2007 supported by the University Grants Commission (UGC) under the scheme of "Innovative Programme - Teaching & Research in Interdisciplinary and Emerging Areas". For advanced research in Bioinformatics and Computational Biology, the Centre started a Ph.D. Programme in 2009. The Centre also received UGC Special Assistance Program (SAP) at the DRS-I level in 2012. The Centre for Bioinformatics has received a grant of ₹ 1 crore under DST-FIST program for procuring sophisticated equipment.

The Centre started an innovative M.Sc. program in Computational Biology fully funded by DBT in 2010. This programme is first of its kind in the country and was upgraded to M.Tech program in Computational Biology from 2014. The Centre has also signed an MoU with Institute of Bioinformatics (IoB), Bangalore for collaborative research and Ph.D. guidance. Ph.D. students can visit these labs for collaborative research and the details are available at www.bicpu.edu.in.

All students, research scholars and faculty are provided round-the-clock computing facility. The Centre has established a separate wet lab facility with sophisticated equipments. Most of the past students have been placed in various leading research institutions and industries.

Over the past few years, the Centre has taken up research activities in the areas of molecular evolution, systems biology, molecular modeling, structural biology, database development etc., and several papers have been published in highly reputed International and National Journals. The faculty and students have received projects/fellowships from various funding agencies like Department of Biotechnology, Department of Information Technology, University Grants Commission, Council of Scientific and Industrial Research-JRF/SRF, Department of Science and Technology, DST-Innovation in Science pursuit for Inspired Research (INSPIRE) and Rajiv Gandhi Fellowship.

The University supported the Centre with a separate state-of-art building of about 35000 sqfts with complete UPS power back up for all rooms. The building has 3 computer labs, 13 Faculty rooms, 13 individual research labs for faculty, common wet lab, common instrument room, a Library, class rooms and a seminar hall.

## PROGRAMMES OF STUDY

**M.Sc.** Bioinformatics
**M.Tech.** Computational Biology
**Ph.D.** Bioinformatics

## ENTRANCE EXAMINATION

**M.Sc. Bioinformatics**
Selection is based on an entrance examination conducted at various Centres by Pondicherry University. The test consists of multiple choice questions in Biology, Biochemistry, Molecular Biology, Biotechnology, Chemistry, Biophysics, Computer Science, Statistics and Mathematics.

**M.Tech. Computational Biology**
Selection of students is based on GAT-B (Graduate Apptitude Test for Biotechnology) a computer based test conducted accros the country at various centres and based on the All India Merit list of students appearing in the test. Details can be accessed in the Regional Centre for Biotechnology (RCB)website https://www.rcb.res.in.
Candidates should apply to Pondicherry University for admissions and GAT-B score can be submitted later to the respective department. Admissions will be based on GAT-B Score and as per GOI reservation policy.
All admitted students are eligible to get DBT fellowship.

**Ph.D. in Bioinformatics**
Selection is based on an entrance examination conducted at various Centres by Pondicherry University. The test consists of multiple choice questions in Bioinformatics, Computational Biology, Biochemistry, Molecular Biology, Biotechnology, Chemistry, Biophysics, Computer Science, Statistics and Mathematics at PG level. Candidates who have qualified for JRF (UGC / CSIR-NET / DBT-BINC) are exempted from entrance exam. They can apply directly.

The University has signed an MoU with Institute of Bioinformatics (IoB), Bangalore for collaborative research and Ph.D. guidance. Selected candidates can also work at IoB on collaborative projects.

## SPECIAL GRANTS

- DBT - Bioinformatics grant (Continuing Scheme)
- DBT – M.Tech. Computational Biology (Continuing Scheme)
- UGC – Special Assistance Program (2012-2017)
- DST-FIST program (2014-2019)
- DIT - CoE in Bioinformatics (2007 - 2013)
- DBT - Advanced P.G. Diploma in Bioinformatics (2001 -2008)
- UGC - Innovative Programme-Teaching and research in Interdisciplinary.

## INFRASTRUCTURE FACILITIES

### A. Computers and Communication facility

Tesla GPU server (4 Nos), Xeon Quad Core Servers (4 Nos.), Xeon Cluster Servers (3 Nos.), Apple iMac (2 Nos.), HCL Laptops (5 Nos.), HCL/HP Intel Core i5/ Duo Workstations (45 Nos.) – Works on both Windows and Linux Operating Systems.

Modern computing facilities and round-the-clock internet connectivity are provided to students to meet their academic and research needs.

### B. Wet lab

The Centre has developed a separate wet lab facility. The lab is functional with the following equipment: SPR Biocore-3000, High performance Liquid Chromatography (AKTA-HPLC), UV-Visible Spectrophotometer, ELISA Reader, Gel Documentation System, PCR Thermal Cycler, -80˚C Deep Freezers, -20˚C Freezer, Refrigerated Table Top Centrifuge, Quartz Distillation Unit, Water purification system, Bench To Freeze Dryer, Vertical Gel apparatus, Horizontal Gel apparatus, Western blot apparatus, UV illuminator, and pH meter. The Centre is having a cell culture facility.

### C. Software packages

Schrodinger Glide, Discovery Studio 3.1, Amber 16, Autodock, Dock, Modeller, Gromos 96, V-Life, Whatif, EMBOSS, BioEdit, Phred, Consed, GeneScan, Statistica, MEGA, R and Kaspersky end-point serurity-10.

### D. Resources & Services

A separate website, designed in-house and hosted in the web server, available at www.bicpu.edu.in is being maintained by the Centre. Information about courses, admissions, syllabus, seminar notifications & various opportunities for traineeship/ studentship / JRF are updated periodically. Bioinformatics related tools can be downloaded from the site.

In addition the centre has Domain Name Server (DNS), Database Server, E-Book Intranet Server, Proxy Server and Cluster Computing servers.

### E. Databases & Other information resources in the Centre

#### Books

Approximately 600 books available in the reference library of the Centre

#### Journals

Scientific American, Cell, Current Science

#### Access to E-Journals

University has access to UGC Infonet Journals, Science Direct, Blackwell Publishers, EBSCO Databases.

## PLACEMENT DETAILS

Some of the students trained in the Centre are placed in the following organizations between 2001 and 2017:

## Industry Placements

- HCL Info Systems
- Tata Consultancy Services
- Molecular Connections, Bangalore
- Institute of Bioinformatics, Bangalore
- Protein Lounge, Bhubaneswar
- Genemines, Chennai
- BIOBASE Databases Indian Pvt. Ltd., Bangalore
- Computational Research Lab, Pune
- Jubilant Biosys, Bangalore
- Wipro Technologies, Chennai
- Schrödinger, Hyderabad
- EnZene Biosciences Pvt. Ltd., Bangalore
- ABLE C Drive, Bangalore
- Persistent Systems Limited, Pune

## Teaching/ Research Placements

- Pusan National University, South Korea
- Stony Brook University, New York
- Sungkyunkwan University, South Korea
- University of Madras, Chennai
- Central Sericulture Research & Training Institute, Mysore
- Institute of Microbial Technology Institute, Chandigarh
- Centre for Cellular and Molecular Biology, Hyderabad
- Alagappa University, Karaikudi
- Indian Institute of Technology, Chennai
- Jawaharlal Nehru University, New Delhi
- National Institue of Immunology, New Delhi
- Kumaun University, Nainital
- Maulana Azad National Institute of Technology, Bhopal
- Amity University
- Yeungnam University, South Korea
- Maharshi Dayanand University, Haryana
- Technical University of Munich, Germany
- La Trobe University, Australia
- Swinburne University of Technology, Australia
- Louisiana State University, USA
- University of Illinois
- University of Lisbon, Portugal

# THRUST AREAS OF RESEARCH

Molecular Evolution, Systems Biology, DNA-Protein Interactions, Comparative Genomics, Protein Structure Modeling, Molecular modeling, X-ray Crystallography, Drug Design, Cell Signaling, Single particle analysis, Medicinal Chemistry, Computational Biology, Molecular Biology.

# FACULTY

## Professor & Centre Head

**A. Dinakara Rao, Ph.D.**
(Sri Ventakeswara University, Tirupati)
*Specialization:* Cell Signaling, Molecular Entomology, and Biochemistry.

## Professors

**Basant K. Tiwary, Ph.D.** (Bose Institute, Kolkata)
*Specialization:* Molecular Evolution and Systems Biology.

**P. T. V. Lakshmi, Ph.D.** (University of Madras, Chennai)
*Specialization:* Phytomatics, Genomics and Proteomics, biofuel from Cyenobacteria.

## Associate Professor

**R. Krishna, Ph.D.** (University of Madras, Chennai)
*Specialization:* X-ray Crystallography (Proteins), Molecular Modeling (Protein & DNA).

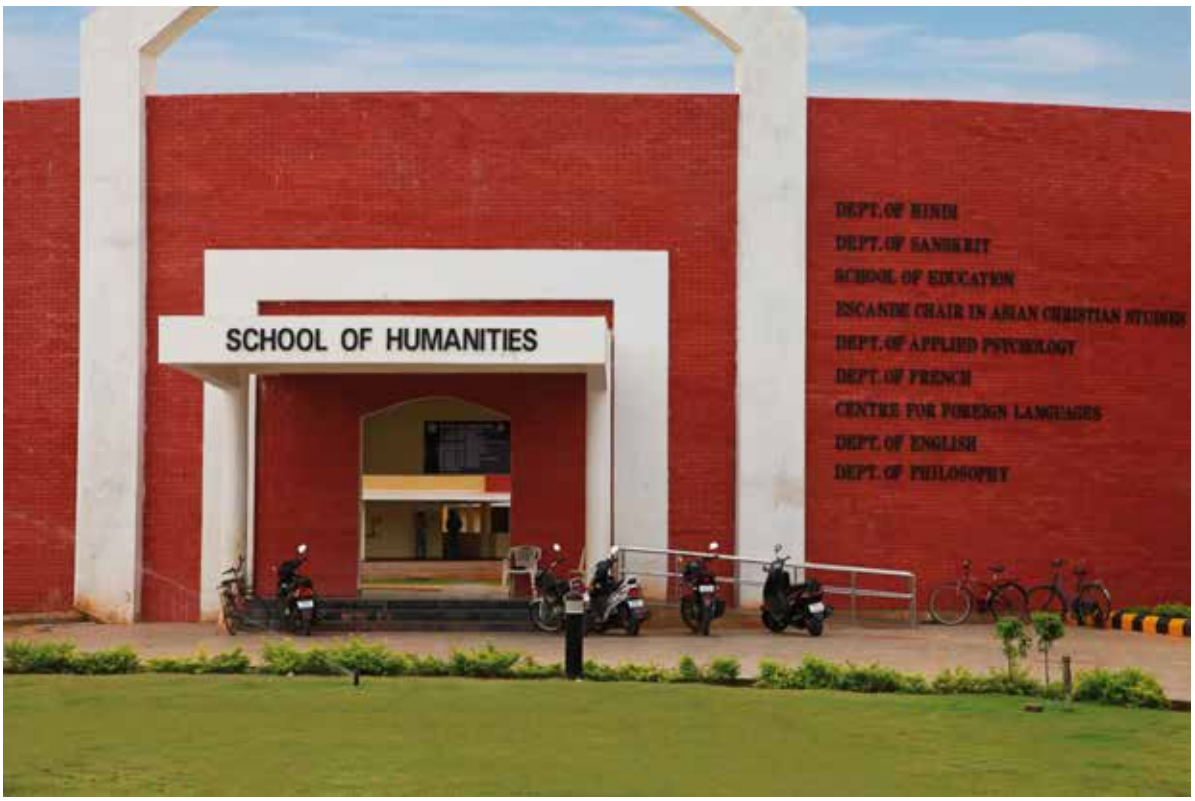
## Assistant Professors

**M. Suresh Kumar, Ph.D.** (University of Madras, Chennai)
*Specialization:* Structural Studies on Viral Proteins, Promiscuity of Antibodies, Inhibitors for Viral Proteases.
**Archana Pan, Ph.D.** (Jadavpur University, Kolkata)
*Specialization:* Comparative Genomics, Molecular Evolution, Drug Design.
**R. Amutha, Ph.D.** (University of Madras, Chennai)
*Specialization:* Computational Biology, Molecular Dynamics, Simulations, Drug Design.
**B. Syed Ibrahim, Ph.D.** (University of Madras, Chennai)
*Specialization:* Macromolecule Crystallography, protein-protein interaction analysis, Venom protein studies.
**A. Murali, Ph.D.** (Sri Venkateswara University, Tirupati)
*Specialization:* Structural Biology, Transmission electron microscopy, Single particle analysis, Nano-biotechnology.
**S. Mohane Coumar, M.Pharm, Ph.D.**
(Punjab University, Chandigarh)
*Specialization:* Drug design and Medicinal Chemistry Development.
**V. Amouda, Ph.D** (Pondicherry University)
Specialization: Database Management Systems, Algorithms.

# SCHOOL OF HUMANITIES

Department of English
Department of French
Department of Hindi
Department of Sanskrit
Department of Philosophy
Department of Physical Education and Sports
Centre for Foreign Languages
Escande Chair in Asian Christian Studies

Dean: Prof. P. K. SUBRAMANIAM




All the Departments offer P.G. and Ph.D. programmes. The School caters to the needs of a large number of students of the University and some of the faculty members of the School have made enormous contributions to their respective disciplines and they are known and recognised in the academic community for their scholarship

The Centre for Foreign Languages offers evening certificate and diploma courses in Japanese, French, Spanish, German and Arabic.

# DEPARTMENT OF ENGLISH

School of Humanities

The Department of English, one of the oldest departments of the University, was established in 1986, and since its inception, the Department has been the hub of teaching and research activity, attracting a cross-section of students and research scholars from all over the country. It has established itself as a stronghold of Comparative Literature, fostering Comparative Literary Studies between English and other literatures. In recent years, Translation Studies, Gender and Feminist Studies, Cultural Studies, Ecocritical Studies, Subaltern Studies and Disability Studies too have emerged as thrust areas, inspiring inter-disciplinary and intra-disciplinary insights among faculty and students alike.

At the Postgraduate level, the Department of English offers courses in poetry, drama, prose and fiction of canonical British Literature, American Literature, and other National literatures thus offering a good training for UGC-NET aspirants, and all those who are keen in furthering their research and academic output. A high point of our M.A. Programme is the research project that encourages individual initiative and independant study on the part of the students. Emerging areas of study such as Media Studies, Postcolonial Studies, and Gender Studies, along with an array of specialized electives, make the M.A. programme: a perfect blend of the traditional and the modern. A PG Diploma course on Professional Communication in English (PGDPCE) has been offered as an Add-on Evening programme to cater to the demands of the other Department Students and job-goers on and off the campus.

The faculty members of the Department of English also engage Functional English classes for the fast-mushrooming integrated courses in various other allied disciplines. As the Department celebrated its Silver Jubilee, it has set a distinct path to get even better in its academic standards and commitment to the community and nation at large by its focus on varied academic programmes such as seminars, conferences, short courses and symposia as well as national and international collaborations through various sponsored research projects. The Department takes pride in being one of the best Departments for high quality degree programs, affordability and career prospects.

## PROGRAMMES OF STUDY

**M.A.** English and Comparative Literature
**Ph.D.** English
(Full-time & Part-time (Internal & External))
**PG Diploma** in Professional Communication in English (PGDPCE)

## ENTRANCE EXAMINATION

**M.A.:** The entrance Examination would comprise 100 Multiple Choice Questions of a general nature drawn from Undergraduate syllabi from Indian Universities. The major focus is on poetry, prose, drama and literary criticism-British, American, Commonwealth and Indian—that an undergraduate is expected to be familiar with. In other words, an overall awareness of literature is what is tested.

**Ph.D.:** A national level entrance test - with 100 Multiple Choice Questions drawn from the postgraduate syllabi of Indian Universities, wherein a greater emphasis will be given to evaluating the research aptitude and awareness of International literary movements, theoretical perspectives and writing from across cultures.

## CO-CURRICULAR AND EXTRA-CURRICULAR ACTIVITIES

One of the highlights of the department is its weekly Research and Journal Alert Forum, (RJAF), which is a platform for sharing various research ideas. The RJAF functions by having invited talks, research scholars' and postgraduate students' presentations, panel discussions and audio-visual presentations. Besides the RJAF the postgraduate students are encouraged to have weekly cultural programmes and academic oriented programmes such as a theatre forum, a poetry forum, a creative writing forum, a debate forum, a quiz forum and so on that would help them to hone their personality as well as shape them into global citizens. In all, the creative talents of each student is cherished and encouraged at every level possible.

## ALUMNI AND PLACEMENT

The department has an active alumni programme by which students and the scholars are linked to their alma mater. Alumni are encouraged to develop develop healthy active bonds with the department and efforts to organize alumni meets are a part of the department agenda. The Placement cell of the Department makes an effective coordination between the outgoing students and prospective employers thereby leading to placement of more than 90 percent of our students in various academic and corporate bodies.

## INFRASTRUCTURE

The Department has well-ventilated classrooms and seminar halls having suitable seating capacity. Besides the faculty's personal computers, the office too is equipped with computers having internet facilities.

## FACULTY

### Professor

**Sujatha Vijayaraghavan, Ph.D.** (IIT, Chennai)
*Specialization:* Indian Writing in English, Translation Studies, Postcolonial Studies. Oral Literatures & Folklore Studies.

### Professor & Head

**H. Kalpana, Ph.D.** (Pondicherry University)
*Specialization:* Canadian and American Literature, Women's Literature, Feminist Studies and Gender Studies, Cultural Studies & New Literatures in English.

### Professors

**Clement Sagayaradja Lourdes, Ph.D.**
(Pondicherry University)
*Specialization:* Indian Writing in English and Translation Studies.
**T. Marx., Ph.D.**
(Manonmaniam Sundaranar University, Tirunelveli )
*Specialization:* Comparative Literature, Drama, Subaltern Studies and Translation.

### Associate Professors

**Binu Zachariah, Ph.D.** (University of Hyderabad, Hyderabad)
*Specialization:* Comparative Literature, Communication Skills & American Fiction.
**K. Reshmi, Ph.D.** (Avinashilingam University, Coimbatore)
*Specialization:* Feminist Writing, Ecocriticism, Comparative Literature & Canadian Literature.
**Ujjwal Jana, Ph.D.** (IIT, Kharagpur)
*Specialization:* Indian Aesthetics, Indian Writing in English, Narratology, Theatre Studies, Regional Studies & Literary Theory.

### Assistant Professors

**Lakhimai Mili, Ph.D** (NEHU, Shillong)
*Specialization:* Indian Writing in English and English Language Teaching
**S. Visaka Devi, Ph.D.** (Pondicherry University)
Specialization: Comparative Literature, Poetry and Translation Studies

# DEPARTMENT OF FRENCH

School of Humanities

The Department of French has strived to maintain a high standard in academics and research. Created in 1987, the Department of French aims to promote French & Francophone Studies as well as Translation Studies in India at the Post-Graduate and Doctorate levels, thus enhancing the historical links Puducherry has had with France, and renewing the bilateral ties and cultural dialogues with the Francophone countries. The French Dept. has a 100% placement ; its alumni are well placed, mostly in the teaching profession, or in the French Embassy at New Delhi, or as Language Specialists in reputed companies of the corporate world such as Renault - Nissan, Cognizant, TCS, Infosys, Ernst & Young, or banks like HSBC, Société Générale, and Deutsche Bank. As per the M.O.U.s signed with many Universities in France, the exchange of students and Faculty has been concretized. Under the Study India Programme too, French students come to pursue studies at our University, and the French Dept. acts as a liaison between them and the Depts where they follow courses.

Every year, there is an increasing demand for admission to M.A. French and Basic French courses offered by the Dept.

This Department of French of Pondicherry University is one of the first in French Studies in India to get the SAP ; this Project has now entered its Phase-II and was granted one Crore by the UGC. The Department of French is also designated by SWAYAM-ARPIT as the National Resource Centre for the French modules on MOOC.

## PROGRAMMES OF STUDY

**M.A.** French (Translation and Interpretation)
**Ph.D.** French (Full-time & Part-time (Internal & External))

## ENTRANCE EXAMINATION

**M.A.** French (Translation and Interpretation)
The Question Paper for the Entrance Examination will consist of 100 Multiple Choice Questions on French language, literature and civilization.
**Ph.D.**
The written examination will consist of 100 Multiple Choice Questions on French language, literature and civilization.

## LINKAGES WITH FRENCH UNIVERSITIES

M.A. students can pursue their studies for one or two semesters in any one of the French Universities, offering similar type of courses, which have signed a M.O.U with the Pondicherry University.

Every year, the passed-out students of the French Department are offered an opportunity by the French Embassy, New Delhi, to teach English language in schools in various regions of France for a period of one year. This also gives them an opportunity to do some courses in French Universities, and also to have first hand information of life in France. This experience enables them to farewell in this professional life.

## JOB OPPORTUNITIES

All the students, after their Post–Graduation, are absorbed as Assistant Professors, Teachers, Translators and Executives in companies like Renault, HSBC, TCS, CTS, HP, Wipro, Ford, GE, British Airways, etc.

## INFRASTRUCTURE FACILITIES

The Department has audio and video equipment designed for the teaching of language, as well as browsing facilities.

## FACULTY

### Professor & Head

**S. Pannirselvame, Ph.D.**
(Pondicherry University, Puducherry)
*Specialization:* French Language, French Linguistics, Translation, and Teaching of French as a Foreign language.

### Professor

**Nalini J. Thampi, Ph.D.** (CIEFL, Hyderabad)
*Specialization:* French and Francophone Literatures, Comparative Literature, and Women's Writing.

### Associate Professor

**C. Thirumurugan, Ph.D.**
(Pondicherry University, Puducherry)
*Specialization:* French and Comparative Literature, Translation.

### Assistant Professors

**Sarmila Acharif, Ph.D**(Pondicherry University, Puducherry)
*Specialization:* French Literature and Comparative Literatures.
**Jayapal Sharmili, Ph.D.** ( Pondicherry University )
*Specialization:* French and Francophone Literatures
**Ritu Tyagi, Ph.D.**(Louisiana State University, USA)
*Specialization:* French and Francophone Literatures, Women Writing, Autofiction and Diaspora Studies.

# DEPARTMENT OF HINDI

School of Humanities

Department of Hindi was established in 1993. The Department is offering quality education programmes and it facilitates for intensive study and research in different areas of Hindi Language and Literature and its applied and functional aspects such as translation, media, comparative studies, language technology, various contemporary discourses etc. Syllabus of the Hindi Department is based on the Model Syllabus of University Grants Commission and updated time to time in consultation with experts with due approval of Academic Bodies. Faculty members of the department have designed and floated courses on contemporary relevance and emerging areas which are offered as optional and soft core courses. Some of these courses are interdisciplinary in nature and aimed to nurture the skills of the students for their career development. Some of the courses offered in English medium too. Department is playing a vital role in spreading E -Literacy in the area of computing in Indian Languages and adopting innovative practices in teaching, learning and evaluation process. ICT integrated teaching, seminars, interactive classes, group discussions, internal and external assessment practices are enriching the teaching and learning. Department is also playing vital role in developing MOOCs, which provides opportunity to many for open online-learning and blended learning experience to campus students

## PROGRAMMES OF STUDY

**M.A.** Hindi
**Ph.D.** Hindi
(Full-Time & Part-Time {Internal & External})
**P.G.Diploma in Functional Hindi and Translation** (Evening Course)
**P.G.Diploma in Multilingual Computing and Language Technology** (Evening Course-Add-on Course)

## ENTRANCE EXAMINATION

**M.A :** The Entrance Examination would consist of 100 Multiple Choice Questions of undergraduate level based on Hindi Language, Literature, Literary Criticism & contemporary development.
**Ph.D:** The Entrance Examination would consist of 100 multiple choice questions of Postgraduate level based on Hindi Language, Literature, Literary criticism, research aptitude and contemporary development.

## INFRASTRUCTURE FACILITIES

The Department has good infrastructural facilities including interactive class rooms, Computers with internet and Wi-Fi facilities and ICT teaching aids to assist teachers and student in their pursuit of academic excellence.

## AIM AND VISION

The vision and mission of the Department of Hindi is to enhance the efficiency and proficiency of the Scholars and Students in the field of Language and literature. The Department envisages a creative environment and an atmosphere of learning by facilitating multi-disciplinary interaction. It aims to inspire the students to pursue the inherent urge to gain knowledge through various activities. Creative writing and cultural activities are encouraged through participation in FM Radio, publishing departmental magazine and Wall magazine.

## RESEARCH & EXTENSION ACTIVITIES

Faculty Members are engaged in Major Research Projects funded by MHRD, University Grants Commission, etc., and engaged actively in the extension activities such as spreading E-Literacy, developing e-content, referees, and editors in National Journals and are members in National Committees.
**Completed UGC Major Research Project:** "ICT for development of Hindi: Comprehensive study of using ICT in teaching, learning and using Hindi Language and Literature." Principal Investigator - Dr. C. Jaya Sankar Babu

## ON GOING RESEARCH PROJECTS

1. UGC-Consortium for Education Communication - MOOC Project - 'Bhasha Proudyogiki Ka Parichay' - [2018-19], Principal Investigator- Dr.C.Jaya Sankar Babu, Asst. Professor and Head (i/c)
2. UGC-Consortium for Education Communication-MOOC Project- 'Prayojanmoolak Hindi' - [2018-19], Principal Investigator - Dr.C Jaya Sankar Babu, Asst. Professor and Head (i/c).
3. SPARC PROJECT (sanctioned by Ministry of HRD, Government of India.) SPARC Project code: P149, Title of the Project 'The History of Hindi: from Apabhramsa to early modern Vernacular', Principal Investigator - Dr.C.Jaya Sankar Babu, Asst. Professor and Head (i/c) in collaboration with Prof. Eva De Clercq, Ghent University, Belgium.

## PLACEMENTS

Hindi Post Graduates have wide scope in various organizations such as Central Govt. and State Govt. organizations, Public Sector Undertakings, Govt. Enterprises, Public Sector Banks, Media and Publication Houses, etc. as Translators, Hindi Officers, Editors; and in Educational Institutions of various levels as Teachers. Those who acquired Ph.D. Degree and cleared NET are eligible for placement in Colleges, Universities and Higher Education Institutions.
Our students are represented from various states all over the Country. Many students have cleared UGC-NET and JRF Examinations. Our students have been placed well in various Govt. organizations, Universities, Banks and other Organizations. Special orientation and counseling programmes are being conducted for the students with an aim to nurture their knowledge and skills which ensures better employability.
Campus Placement Drive by MNCs also arranged time to time.

## FACULTY

### Associate Professor

**S. Padmapriya, M.Phil., Ph.D.**
(Sri.Venkateswara University, Tirupati)
*Specialization:* Modern Hindi literature, Visual Media and Hindi, Gender & Cultural Studies, Functional Hindi and Translation.

### Assistant Professor & Head(i/c)

**C. Jaya Sankar Babu, Ph.D.** (University of Mysore, Mysore)
*Specialization:* Journalism & New-Media Studies, Functional Hindi & Translation, Comparative Literature, Language Technology, ICTs and Cyber Discourse.

# DEPARTMENT OF SANSKRIT

School of Humanities

The Department of Sanskrit started functioning from the 7th August 1988 and it aims to train students who are oriented towards research and teaching in advanced areas of Vedanta, Nyaya, Yoga, Vyakarana, Literature and Literary Criticism as well as Indian knowledge systems both of contemporary Indian reality and contemporary western thought. Department is playing a vital role in research in Indian traditions of thought in the systems of Philosophy, linguistics, literary criticism. Sanskrit is offered as one of the languages for the 5 year Integrated students under MIL. Besides, it offers P.G. Diploma on Manuscriptology and Paleography, undertaking maintenance and preservation of heritage texts and manuscripts, imparting knowledge of scripts like Grantha. The objectives are sought to be achieved by training students and researchers through best practices in teaching, learning and evaluation process and through week-end Seminars, group discussions and use of ICT in teaching. General studies for competitive examination and coaching for NET/JRF are also provided.

## PROGRAMMES OF STUDY

**M.A.** Sanskrit
**Ph.D.** Sanskrit Full-time & Part-time (Internal & External)
**PG Diploma** in Manuscriptology & Paleography (Add-on)

## ENTRANCE EXAMINATION

The entrance examination for admission to M.A. programme will include 100 multiple choice questions of B.A. Sanskrit or Sastri level on the following topics: Prose, Poetry, Drama, Historical Kavya and Alankaras. Candidates seeking admission to M.A. should have 50% of marks in Sanskrit in graduation.

Admission to Ph.D. is through Entrance Examination which will be of 100 multiple choice questions at the M.A. level in the following areas. Candidates should have a minimum of 55 % in the qualifying M.A. Degree.

**Dramas:**
Abhijnanasakuntalam, Mrchakatikam, Uttararamacharitam
**Poetry**
Raghuvamsa (1-2) and Kumarasambhavam (5), Meghadutam
**Grammar**
Samjna, Sandhi, Karaka, Samasa, Linguistics and Nirukta
**Alankara**
Kavyadarsa, Dhvanyaloka,Rasagangadhara and Natyasastram (6)
**Darsanas**
Vedantasara, Tarka Samgraha, Sankhya Karika, Yogasutra,
**Upanisad**
Katha, Isavasya & Svetasvatara
**General Sanskrit**

## INFRASTRUCTURE FACILITIES

The Department has good infrastructural facilities including interactive class rooms, LCD and other teaching aids to assist teachers and students in their pursuit of academic excellence. The department has a small departmental library as well as school library. There is a large collection of books in Sanskrit in the main library of Pondicherry University. The aesthetically laid out and fully furnished Seminar Hall of the School of Humanities provides the venue for lectures and seminars regularly. There is a research scholars' room with computers, broadband connection and Wi-Fi facility.

## FACULTY

### Professors

**J. Krishnan, Ph.D.** ( University of Madras)
*Specialization:* Advaita Vedanta and Nyaya
**K. E. Dharaneedharan, Vidyavaridhi** (New Delhi)
*Specialization:* Nyaya, Mimamsa, Advaita, and Visistadvaita

### Professor & Head

**Chakradhar Behera. Ph.D.** (University of Pune)
*Specialization:* Vedanta, Sankhya, Yoga, Linguistics and Literature

### Assistant Professor

**Anil Pratap Giri, Ph.D,**
(Jawaharlal Nehru University, New Delhi) [On EOL}
*Specialization:* Indian Poetics, Grammar, Navya Nyaya Language & Methodology and Linguistics

# DEPARTMENT OF PHILOSOPHY

School of Humanities

The Department of Philosophy started functioning from the academic year 1989-90 and is offering Ph.D. and M.A. Programmes. The thrust areas of teaching and research are Metaphysics (Eastern & Western), Epistemology (Eastern & Western) and Social Philosophy (Eastern & Western).

## PROGRAMMES OF STUDY

**M.A.** Philosophy
**Ph.D.** Philosophy**:** Full-time & Part-time (Internal & External)

## ENTRANCE EXAMINATION

**M.A.** The written paper for admission will comprise of 100 Multiple Choice Questions of the Under-Graduate level.

**Ph.D.** The written paper for admission will comprise of 100 Multiple Choice Questions of the Post-Graduate level.

## FACULTY

### Professor & Head

**B. R. Shantha Kumari, Ph.D.**
(Pondicherry University, Puducherry)
*Specialization:* Advaita, Aesthetics, Classical Indian Philosophy, Indian Religion & Culture, Indian Mythology, and Research Methodology

### Professor

**S. Indira, Ph.D.**
(Sri Venkateswara University, Tirupati)
*Specialization:* Contemporary Indian Philosophy, Gandhian Philosophy, Yoga Philosophy, Social Philosophy & Applied Ethics.

# DEPARTMENT OF PHYSICAL EDUCATION AND SPORTS

School of Humanities

## PROGRAMMES OF STUDY

**M.P.Ed.** Master of Physical Education
**Ph.D.** Physical Education & Sports
Full-time & Part-time (Internal & External)

## ENTRANCE EXAMINATION

**M.P.Ed.:** Admission is through Entrance Examination which will be of 100 multiple choice question at the level of B.Sc in Phy. Ed, B.P.Ed, B.P.E.

The applicants should also undergo physical fitness tests and games proficiency tests conducted by the Department.

(a) Physical fitness - 3 tests (practical) = 25 Marks
(b) Proficiency in games (practical) = 25 Marks

* **Physical fitness test will be conducted at Thiruvalluvar Stadium,Department of Physical Education & Sports, Pondicherry University.** The dates will intimated separately

* **Students must bring the following Certificates:**

i) Fitness Certificate from recognized Medical Officer
ii) Community Certificate
**iii)** Qualification Certificate

Practical (a+b) = 50 % Marks
c) Entrance Examination (Theory) = 50 % Marks

**Ph.D.:** The questions for the entrance examinations will consist of 100 Multiple Choice Questions drawn from the M.P.Ed. / M.P.E./ M.P.E.S., viz., Research Methods, Elementary Statistics, Exercise Physiology, Measurement and Evaluation in Physical Education, Bio-Mechanics and Kinesiology, History of Physical Education, Sports Psychology, Training Methods, General Knowledge, Sports Medicine and Sports Management in games and sports.

***Physically challenged candidates are not eligible to apply.***

## INFRASTRUCTURE FACILITIES

The Department offers good facilities for the following games: Cricket, Football, Volleyball, Basketball, Tennis, Kabaddi, Hockey, Handball and Kho-Kho. The Department has a good out-door stadium with cinder track, Multi Sports Complex, a turf wicket cricket ground, a Physical Fitness Centre and Physiotherapy Lab and computer lab.

## FACULTY

### Professor & Head

**G. Vasanthi , Ph.D.** (Annamalai University, Annamalai Nagar)
*Specialization:* Physical Education, Sports Psychology, Measurements & Evaluation, Sports Medicine, Health Fitness and Welness, Volley ball, Table Tennis and Yoga.

shed in August 1987.

### Professors

**P. K. Subramaniam, Ph.D.**
(Pondicherry University, Puducherry)
*Specialization:* Physical Education, Research Methodology, Kinesiology, Statistics, Yoga and Volleyball.

**D. Sultana, Ph.D.** (Alagappa University, Karaikudi)
*Specialization:* Physical Education, Measurement & Evaluation and Basketball, Research Methodology, Exercise Physiology and Yoga

**M. Elayaraja, Ph.D.**
(Annamalai University, Annamalai Nagar)
*Specialization:* Physical Education, Physiology of Sports training, Exercise & Disease Management, Sports and Multimedia, Tennis & Cricket

**G.Vinod Kumar, Ph.D.,**
(Manonmaniam Sundaranar University,Tirunelveli)
Specialization: Physical Education, Sports Medicine, Biomechanics in sports, Research methods in Physical Education, Anatomy and Physiology, Applied Kinesiology, Sports Psychology and Yoga, Athletics & Football.

### Associate Professor

**K. Tiroumourougane, M.Phil.**
*Specialization:* Physical Education, Sports Management, Sport Bio mechanics, Hockey and Yoga.

### Assistant Professors

**R. Ram Mohan Singh, Ph.D.** (Bharathidasan University, Tiruchirapalli)
*Specialization:* Physical Education, Sports Psychology, Training Methods, Research Methods, Cricket and Health fitness & Wellness.

**A. Praveen, Ph.D.** (Tamil Nadu Physical Education and Sports University, Chennai)
*Specialization:* Physical Education, Sports Management, Training Methods, Exercise Physiology & Nutrition, Track & Field and Football.

**S. Jagadeeswari, Ph.D.** (Pondicherry University, Pondicherry)
*Specialization:* Physical Education, Methods in Physical Education, Sports Medicine, Research Methodology and Handball and Yoga Education and Ballbadminton.

# CENTRE FOR FOREIGN LANGUAGES

School of Humanities

Launched as an innovative project in June 2009, the Centre for Foreign Languages was started in order to cater to the compelling requirements of the present fast-moving world and its multi-linguistic links. In this era of globalisation and commercial tie-ups, knowing a foreign language is always an asset which gives one the required edge and enhances the job prospects. Apart from the business exchange, there is also a growing need to translate scientific and technical documents, and of course, famous literary works from foreign languages. In the world of music too, there is an urge to understand the wordings of many songs, specially from the Arabic and Latin American side. Films too need to be dubbed often.

## PROGRAMMES OF STUDY

- Add-On Evening Certificate of Proficiency Course (for 2 semesters) in :
- French
- Japanese
- German
- Spanish
- Arabic
- Chinese
- Korean

## FACULTY

### Centre Head

**S. Pannirselvame, Ph.D.**
(Pondicherry University, Pondicherry)
and Well qualified GUEST FACULTY in each of the afore mentioned languages

# ESCANDE CHAIR IN ASIAN CHRISTIAN STUDIES

School of Humanities

This Endowment Chair was established in the year 2004. The main objective of the Chair is to guide researchers on the study of Christianity in relation with other Religious, Cultural and Philosophical thoughts in Asia. India being a nation of multi-religious nation, a rational approach and a systematic research into the beliefs of Christianity and other major religions and their philosophical nuances will certainly facilitate an amicable coexistence among people of this nation and in Asia at large. Since belief in the principles and doctrines of an explicit religion is exclusively personal, only a rational appreciation of the specificities of all the religions along with due respect and tolerance towards them can provide the right ambience of universal brotherhood and solidarity. Thus, the Chair offers Ph.D. Programme in collaboration with the Department of Philosophy.

## PROGRAMMES OF STUDY

**Ph.D.** Asian Christian Studies (Full-time)

## ENTRANCE EXAMINATION

The written examination will comprise of 100 Multiple Choice Questions primarily on Holy Scriptures, Christianity in general and its Historial Development in various parts of the World and its allied areas, wherein due emphasis is placed on the research aptitude and rational approach.

## FACULTY

### Centre Head

**Fr. Dr. N. Jonas, Ph.D**
(Universita Urbaniana, Rome, Italy)
*Specialization:* Existentialism, Phenomenology, Judaism and Christianity.

# SCHOOL OF PERFORMING ARTS

## Dean(i/c): Prof. C.K. Ramaiah

Sri Sankaradass Swamigal School of Performing Arts was established in 1988-89 and renamed as School of Performing Arts in the academic year 2007-08. Ever since its inception, the School of Performing Arts has dedicated itself to excellence in instruction and expansion in its activities by training students for taking up unique career growth in the field of Theatre, Social Work and Education. The goal of the School has been to further enhance its reputation by imparting knowledge in all walks of life to the students and make them creative in their endeavor in the field of Performing Arts. The school itself comprises the department, namely Department of Performing Arts. The department offers MPA Drama & Theatre Arts and Ph.D. in Drama and Theatre Arts and PGDTA – Postgraduate Diploma in Theatre Arts (Add-on course offered in the evening)

# DEPARTMENT OF PERFORMING ARTS

School of Performing Arts

The Department of Performing Arts started functioning from the academic year 1988-89 and it offers M.P.A. in Drama &Theatre Arts and Ph.D. in Drama and Theatre Arts and PGDTA – Postgraduate Diploma in Theatre Arts (Add-on course offered in the evening).

## PROGRAMMES OF STUDY

**M.P.A.** Drama and Theatre Arts
**Ph.D.** Drama and Theatre Arts
Full- Time & Part-Time (Internal & External)
**PGDTA**- Postgraduate Diploma in Theatre Arts(Add-on course offered in the evening)

## ENTRANCE EXAMINATION

**M.P.A. Drama and Theatre Arts:**
For the M.P.A programme, the candidate must be a graduate in any subject with marks prescribed by the Pondicherry University. The entrance examination comprising of 100 Multiple Choice Questions covering at undergraduate level including general science, history, art and culture, world theatre, Indian theatre, regional theatre and their achievers and famous personalities (Refer M.P.A. Drama & Theatre Arts Model Question Bank on Pondicherry University website)

**Ph.D. Drama and Theatre Arts:**
The candidate should possess a masters degree in Drama and Theatre Arts with marks prescribed by Pondicherry University. The entrance examination comprising of 100 Multiple Choice Questions covering Drama and Theatre Arts / Performance studies/ Media Arts and related subject at postgraduate level (M.A. in Drama and Theatre Arts). (Refer Ph.D. Drama & Theatre Arts Model Question Bank in Pondicherry University website). After qualifying in the Entrance Examination, the Candidates must appear before the Admission Committee for an Interview. The Ph.D. Admission Committee will decide the candidate's eligibility for giving admission into Ph.D. degree programme in Drama and Theatre Arts based on their research skills and aptitude towards Drama and Theatre. The candidate should have adequate knowledge in English to write his/ her thesis as per the rules of the Pondicherry University for doing Ph.D. in Drama and Theatre Arts. If the Admission Committee feels that no one is satisfied from the rank list, the candidates may not be called for an interview from the overall merit list.

## THRUST AREAS OF THE DEPARTMENT

- Methodologies in Acting, Direction and State Crafts.
- Contemporary movements in performance and its relevance
- Performance as the medium for developing the culture in society
- Importance of Theatre in Education and Community development
- The significance of new methodologies in performance practices
- Providing probabilities to do cross cultural performance and Media practices
- History of Tamil Theatre studies through Ancient Tamil Literature, Inscription and Sculpture
- Configuration of Modern Theatre Arts from Traditional Arts.
- Conducting interdisciplinary research related to Performing Arts.
- Experiments with Tradition and Modern Theatre practices

## AIMS & OBJECTIVES

The Department aims to develop the best research practices under the 'Performance Tradition' internationally with different modes of presentations, various techniques, styles and systems employed in the form of creative communications as part of the syllabus. It also intends to provide more insights into Cultural Heritage of India, by guiding the students to realize that they are the inheritors of the glorious past a history of India.

Since the Art of Theatre is a product of Scientific and Artistic creation, the courses are structured in such a way so as to impart the students a clear interdisciplinary approach, encompassing all aspects of human life and also to explore all the possibilities of performance and translate the same through the stage and other medium. It also provides a platform to the students to learn more about the glorious history of the Performing Arts and other related disciplines in order to enhance the creative skills like Acting, Direction, Theatre Techniques and Design, Applied Theatre, Community Theatre and inter-disciplinary play productions.

## CAREER PROSPECTS

After completion of the course, the student can work in Schools and Colleges as Drama Teachers and Cultural Co-coordinators / Trainers. They can get job opportunities in the Government Departments like Song and Drama Division, Cultural Event Management, Government Developmental Projects, Social Awareness Projects, N.G.Os, in national and international reputed universities, colleges and schools, Theatre-Repertories and also in the field of Acting, Direction and as Designers in the Government and Private Satellite T.V. and Film industry. The passed out candidates can also pursue their research or practice independently in the field of Performing Arts and related subjects as theatre professionals.

During the last 32 years, the School has established national reputation as a center where young people successfully used their talents and skills for careers in theatre and theatre related arts, live and documentary productions, advertisement and motion pictures in relation to the requirements of the cultural

institutions/organizations. Developing different strategies in Theatre in Education and community empowerment, creating awareness among the social concerns, the significance of new technologies and challenges with new media in performance practices, providing probabilities to do cross cultural performance and media practices. The department also concentrates on the study of the history of Tamil Theatre through ancient Tamil Literature, inscription and sculpture configuration of Modern Theatre Arts from traditional arts and conducting interdisciplinary research related to Performing Arts.

## ACTIVITIES

■The students of the School of Performing Arts staging 20-25 plays every year.

■Students also actively participate in documentary films, play productions, film acting etc in and outside the university. Recently the students and faculty acted in a Tamil feature film "Baaram" (Burden), which was given one of the best Tamil film awards in Goa International Film Festival in 2018 and also nominated to UNESCO Gandhi Award 2019.

■Students of the School of Performing Arts are bringing out an online monthly magazine called THEATRON since 2018 covering all the professional works done by the students and research scholars in and outside the university.

■Every year students and research scholars as part their curriculum participate in national and international theatre and film festivals.

■The School of Performing Arts conducts many workshops by international experts and also arranged seminars to meet the needs of the students and research scholars.

## MOU AND COLLABORATIONS

■MoU has been signed with IGNCA (Indira Gandhi National Centre for the Arts), New Delhi.

■Another MoU has been signed with JIPMER and School of Performing Arts and Puduvai Vaani, Community Radio Station of Pondicherry University

## CONTRIBUTION TO INDUSTRY

School of Performing Arts has contributed at regional and national level and its alumina are placed in various top level positions in different fields including the following:

- Academicians in S.N.School of Theatre Arts, University of Hyderabad, Sri Sangaracharya Sanskrit University, Pondicherry University, School of Drama, Kerala, School of Culture and Creative Expressions, Ambedkar University, Delhi,
- Many students became Theatre Professionals
- Some are working in Field of cinema as Tamil Actors, Malayalam Actors, Malayalam Actress, Tamil Singers.
- Some are working in TV Media & Film Institutes, Doordarshan Puducherry, Asianet Satellite Communications Ltd. Kerala, Pune Film Institute, K.R.Narayanan National Film Institute, Kerala.
- Several students are graduated from National School of Drama, New Delhi
- Few students are graduated from Singapore Intercultural Theatre Acting Institute.

## FACULTY

### Assistant Professors and Head (i/c)

**K. R. Rajaravivarma, Ph.D.** (University of Madras)
*Specialization:* Acting, Actor Training, Movement and Choreography, Theatrical Martial Arts, Experiental Theatre, Folk Theatre and Dance.

### Assistant Professors

**Saravanan Velu, Ph.D.** (Tamil University)
*Bal Sahitya Academic Award Winner 2016.
*Specialization:* Children Theatre, Theatre and Education, Play Writing and Creative Writing Exclusively for Children.

### Instructors

**P. Murugavel, M.A., M.Phil.** (Pondicherry University)
*Specialization:* Folk Theatre, Classical and Folk Music, Theatre Music, Make-up & Costume Design, Set Design and Voice & Speech.

**L.V. Nagabhushana Rao, Ph.D.** (P.S. Telugu University)
*Specialization:* Set Design, Stage Craft, Mask Making, Property Design, Stage Management and Applied Theatre.

# SCHOOL OF SOCIAL SCIENCES AND INTERNATIONAL STUDIES

Dean: Prof. P. MOORTHY

Department of Anthropology
Department of Sociology
Department of Social Work
Department of History
Department of Politics and International Studies
Centre for European Studies
UNESCO Madanjeet Singh Institute of South Asia Regional Cooperation (UMISARC) & Centre for South Asian Studies
UGC Centre for Southern Asia Studies
Centre for Womens' Studies
Centre for Study of Social Exclusion and Inclusive Policy
UGC Centre for Maritime Studies

The programmes offered are highly innovative and challenging. With students drawn from different parts of India, as also abroad the school provides an excellent academic curriculum that has enabled the alumni to get positions in the emerging labour markets of emerging countries, including the US and Europe.

# DEPARTMENT OF ANTHROPOLOGY

School of Social Sciences and International Studies

The Department of Anthropology was established in the year 1999. The Department provides facilities for intensive training and research in the areas of Socio-Cultural Anthropology, Physical Anthropology, Medical Anthropology and Visual Anthropology. The Department aims to train candidates who are oriented towards advanced research and training related to Scheduled Castes, Scheduled Tribes, Rural Studies and Urban Populations. Ethnographic field work is part of the curriculum.

## PROGRAMMES OF STUDY

**M.A.** Anthropology
**Ph.D.** Anthropology
The programmes offered are highly innovative and challenging. With students drawn from different parts of India, the Department provides an excellent academic curriculum that has enabled the students to get positions in the emerging employment market.

## ENTRANCE EXAMINATION

**M.A:** The entrance examinations will consist of 100 Multiple Choice Questions relating to the general understanding of Indian society and culture, General Knowledge and General English.

**Ph.D.:** The entrance examination for admission to Ph.D. programme will consist of 80 Multiple Choice Questions at the level of P.G. in Anthropology and 20 questions from English and test of reasoning.

## SPECIAL GRANTS

Major research projects were received from University Grants Commission, Indian Council of Medical Research, etc.

## INFRASTRUCTURE FACILITIES

* Rich collection of books, Journals and reports in the Library.
* Computer facilities with free internet access for the students and scholars.
* Laboratory for Physical Anthropology.

## EMPLOYMENT ORIENTATION

Students of the Department find placement in Anthropological Survey of India, Social and Tribal Welfare departments and Non-Governmental Organizations (NGO).

## FACULTY

### Associate Professor & Head

**Jesurathnam Devarapalli, Ph.D.**
(Andhra University, Andhra Pradesh)
*Specialization:* Socio-Cultural Anthropology, Ecological Anthropology.
**Area of Interest**: Medical Anthropology

### Professor

**A. Chellaperumal, Ph.D.** (Madras University, Chennai)
*Specialization:* Socio-Cultural Anthropology,
**Area of Interest**: Anthropology of Religion, Tribal Folklore and Ethnopoetics.

### Assistant Professors

**Valerie Dkhar, Ph.D.** (NEHU, Shillong)
*Specialization:* Cultural Anthropology and Ecological Anthropology.
**Area of Interest**: Economic Anthropology and Gender Studies
**Ajeet Jaiswal, Ph.D.** (Delhi University, Delhi)
*Specialization:* Physical/ Biological Anthropology, Forensic Archeology, Nutritional Anthropology, Population and Demographic Studies.
**Area of Interest**: Anthropology of Health, Occupational Hazard and Public Health
**Rajesh Gururaj Kundargi, Ph.D.**
(Karnatak University, Dharward)
*Specialization:* Socio-Cultural Anthropology, Medical Anthropology.
**Area of Interest**: Anthropological Demography, Cognitive Anthropology, Qualitative Research Methods and Gender Studies.

# DEPARTMENT OF SOCIOLOGY

School of Social Sciences and International Studies

The Department of Sociology was established in 1993. The students were admitted to M.A and Ph.D programmes from 1993-94 academic year and the M.Phil programme was introduced from 1996-97. The Post-Graduate Diploma in Rural Development was launched from 2009-10. In the span of over two and half decades, the Department has trained a fairly large number of talented Post-graduate students drawn from different parts of the country. From its inception the Department has focused on understanding the complexities of modern social life through the application of advanced sociological theories and methods within an interdisciplinary framework building upon the traditions of the discipline. The students are encouraged to acquire critical reading, theoretical insights and research skills through rigorous training. The research areas undertaken by students and faculty members cover wide range of issues of public concern like the effects of economic development on society and culture, problems of weaker sections, gender and society, disaster management, environmental issues, social movements, minority studies, etc.

The Department equips students for a variety of careers including academics, civil services, activism and advocacy. The alumni are employed in reputed governmental as well as corporate organizations in India and abroad.

## PROGRAMMES OF STUDY

**M.A.** Sociology
**M.A.** Sociology (Five Year Integrated Course)
**Ph.D.** Sociology

## ENTRANCE EXAMINATION

**M.A.:** The entrance examination for M.A. will consist of 100 Multiple Choice Questions in the area of Undergraduate Sociology.

**M.A.** (Five Year Integrated Course): The question paper consist of 100 Multiple Choice Questions in the areas of General Knowledge, General English and Social Sciences

**Ph.D.:** The entrance examination for Ph.D. will consist of 100 Multiple Choice Questions on general sociology, sociological theories, Indian society and research methodology at the P.G. level

## FACILITIES

- Computer Laboratory with internet facilities.
- Rich collection of books, journals and reports in the Library.
- Class room with modern instructional equipment.

## FACULTY

### Professor & Head

**Bibhuti Bhusan Mohanty, Ph.D.**
(Sambalpur University, Sambalpur)
*Specialization:* Agrarian Change, Economic Sociology and Sociology of Development.

### Professors

**K. Gulam Dasthagir, Ph.D** (University of Madras, Chennai)
Specialization: Sociology of Water, Rural Development Sociology, Sociology of Gender, Sociology of Religious Minorities.

**Sudha Sitharaman, Ph.D.** (ISEC, Bangalore)
*Specialization:* Sociology of Religion and Religious Communities; Sociology of Social Movements.

### Associate Professors

**C. Aruna, Ph.D.** (Bharathiar University, Coimbatore)
*Specialization:* Gender Studies, Social Network and Migration Studies.
**Pradeep Kumar Parida, Ph.D.**
(Utkal University, Bhubaneshwar)
*Specialization:* Sociology of Development, Sociology of Disaster and Sociology of Education.

### Assistant Professors

**Mansy. M, Ph.D.** (University of Kerala,Thiruvananthapuram)
*Specialization:* Migration Studies, Public Health and Development Sociology.
**Imtirenla Longkumer, Ph.D.**
(Jawaharlal Nehru University, New Delhi)
*Specialization:* Gender Studies, Sociology of Religion, Cultural Studies, Sociology of Media.

# DEPARTMENT OF SOCIAL WORK

School of Social Sciences and International Studies

Established in October 2007, the Department's vision is to become a leading department for innovative, interdisciplinary approaches in educating social work practitioners and scholars, conducting research, and serving as a catalyst for positive social transformation.

## PROGRAMMES OF STUDY

**Master of Social Work** (MSW)
**Ph.D.** (Social Work)
Full- Time& Part-Time (Internal & External)

## ENTRANCE EXAMINATION

Admission to the MSW will be based on an All India entrance examination conducted by the University. The question paper for MSW programme shall consist of 100 Multiple Choice Questions.
The question paper for Ph.D. programme shall also consist of 100 Multiple Choice Questions drawn from various fields of social work.

## THRUST AREAS OF RESEARCH AND TEACHING

Community Development, Mental Health, Public Health, Families and Children, Disaster Management, Elderly Care, Gender Studies, Human Resource Management, Corporate Social Responsibility, Occupational Social Work and Disability Social Work.

## ACADEMIC PERSPECTIVE

The MSW programme offers specializations in Community Development, Human Resource Management and Medical & Psychiatric Social Work. Apart from classroom teaching, the MSW students shall undergo concurrent and block fieldwork in various government and non-government organizations, industries and hospitals. This practical training enables the students to acquire professional social work skills, values and ethics.

## MANDATORY FIELD ORIENTATION

■ The I MSW students will be oriented to the social work profession soon after their admission. Duration of the programme shall be five days. Attendance in the orientation programme is compulsory.

■ The MSW programme includes concurrent and block fieldwork, rural camp, study tour, extension work as part of the curriculum which is compulsory for all the students. The students have to bear the expenses of the above mentioned field activities.

## PLACEMENT

Social Work graduates have wide scope in various sectors – Development, Government, Public Sector, Health, Corporate, and National and International funding agencies. Our students are employed in leading organizations such as Bharat Dynamic Ltd., BHEL, Cater Pillar, ICDS, TCS, Ford, Grid Corporation, Central University of Karnataka, HelpAge India, ISRO, Intelligence Bureau, JIPMER, NIMHANS– to name a few.

# FACULTY

## Professor & Head

**R. Nalini, Ph.D.** (University of Delhi, New Delhi)
*Specialization:* Social Work and the Work Place, Corporate Social Responsibility, Social Work Research, Gender and Work, Womenand Disability, Social Work in Educational Settings.

## Professor

**A. Shahin Sultana, Ph.D.** (University of Madras, Chennai)
*Specialization:* Medical and Psychiatric Social work, Social Work with Families and Children, Early Childhood Care and Development, Social Case Work and Counselling, School Social Work, Social Policy and Social Welfare Administration Women and Youth Welfare.

## Associate Professor

**K. Anbu, Ph.D.** (Bharathiar University, Coimbatore)
*Specialization:* Social Work and the Work Place, Human Resource Management, Industrial Relations, Community Social Work, Social Work with adolescent and youth, Social Work Research.

## Assistant Professors

**C. Satheesh Kumar, Ph.D.** (University of Madras, Chennai)
*Specialization:* Community Development, Human Dimensions in Coastal Zone Management, Children and Environment
**P. B. Shankar Narayan, Ph.D.** (Pondicherry University, Puducherry)
*Specialization:* Human Resource Management, Labour Welfare and Labour Legislations, Diaster Management, Social Work in the Field of HIV/AIDS, Sexuality and LGBT
**Iftekhar Alam, Ph.D.** (Pondicherry University, Puducherry)
*Specialization*: Gerontological Social Work, Livelihood Promotion, Social Entrepreneurship and Community Development.

# DEPARTMENT OF HISTORY

School of Social Sciences and International Studies

The Department of History was established in December 1987 with following main objectives:

- To provide facilities for study and research in social, economic and cultural history of India
- To highlight the intellectual tradition and cultural heritage of India
- To explore the history of countries other than India
- To undertake the study of historiography and the philosophy of history
- To provide knowledge of the theory and practice of historical writing

## PROGRAMMES OF STUDY

**M.A.** History
**M.A.** History (5 Year Integrated)
**Ph.D.** History

## ENTRANCE EXAMINATION

**M.A. History (2 years):**
The selection is based on an Entrance Test of 2 hours duration at the graduate level. The question paper consists of 100 Multiple Choice Questions, testing the students' comprehensive understanding of the ancient, medieval and modern periods of Indian History.

**M.A. History (5 year Integrated):**
The selection is based on an Entrance Test of two hours duration at +2 level. The question paper consist of 100 Multiple Choice Questions in the areas of Social Sciences.

**Ph.D. History (Full-Time):**
The selection is based on an Entrance Test of 2 hours duration at the post-graduate level. The question paper consists of 100 Multiple Choice Questions, testing the students' ability for historical analysis and critical study and in-depth understanding of Historiography, History of India and Indian Archaeology.

## INFRASTRUCTURE FACILITIES

The Department is equipped with Smart Class Room facility for ICT integrated teaching. It has all the sophisticated equipment such as LCD projectors, public address systems, etc., for effective teaching. Besides the chalk and talk method, the teaching is done thorough Power Point presentations. Students are encouraged to develop their skills of communication through group discussions and individual seminars. State of the art survey and excavation equipment are used in archaeological, archival and historical data collection, analysis and report writing. The centralised facility of a well equipped computer laboratory in the University is an additional infrastructural facility available for the students of the Department.

## INVITED LECTURES AND FIELD TRIPS

The Department conducts national seminars and invites distinguished scholars for giving lectures throughout the academic year with a view to disseminate advanced knowledge in chosen fields of history. Field trips to nearby places of importance are undertaken every year. The students of the department are getting placements as teachers in the history departments of the colleges and Universities in different parts of India and as technicians in Governmental agencies like the Archaeological Survey of India and the State Departments of Archaeology and Museums.

## SAP DRS II

The Department is inducted under UGC Special Assistance Programme and has moved to Phase II. The thrust area for DRS II is " India and the India Ocean with Special reference to Coromandel and Malabar Coasts(Early Historic Period to Colonial Times)"

## FACULTY

### Professors

**K. Rajan, Ph.D.** (Mysore University, Mysore)
*Specialization:* Archaeology of South India, Field Archaeology, Early historic Archaeology and Indian Epigraphy.

**G. Chandhrika, Ph.D.**
(Annamalai University, Annamalai Nagar)
*Specialization:* Modern History, Intellectual History of Modern India, Historiography and Women's History.

### Professor & Head

**N. Chandramouli, Ph.D.** (Telugu University, Hyderabad)
*Specialization:* Ancient Indian History, Field Archaeology, Archaeology of South India, Rock Art of India, Indian Numismatics and Indian Epigraphy.

### Professor

**K. Venugopal Reddy, Ph.D.**
(Jawaharlal Nehru University, New Delhi)
*Specialization:* Modern History, Economic History of India, Nationalist Movement in India and Labour History.

### Assistant Professor

**Paokholal Haokip, Ph.D.**
(Jawaharlal Nehru University, New Delhi)
*Specialization:* Modern History, Overseas Slave Trade, Diaspora Studies, Colonial History of North East India and North West Burma and Genocide Studies.

# DEPARTMENT OF POLITICS AND INTERNATIONAL STUDIES

School of Social Sciences and International Studies

The salient features of the Department include:

- UGC Special Assistance Programme DRS-II Level.
- Exchange programmes with prestigious foreign and Indian universities.
- Interactions with distinguished Indian and foreign scholars through seminars, conferences, workshops and refresher courses.
- Promoting teaching and research in the areas of International Relations and Area Studies in general and South Asia in Particular
- Policy input to the makers of India's foreign and security policies as well as the theoretical understanding of International Relations.
- Publication of Scholarly Journals titled *International Journal of South Asian Studies*.
- Publication of Scholarly Books on the Thrust Areas of teaching and research programmes in the Department.

## PROGRAMMES OF STUDY

**M.A.** Politics & International Relations (2 Years)
**M.A.** Political Science (2 Years)
**M.A.** Political Science (Five Year Integrated)
**Ph.D.** Politics & International Studies (Full-time & Part-time (Internal & External)

## ENTRANCE EXAMINATION

**M.A. in Politics and International Relations (Two year)**
The selection is based on the entrance test consisting of 100 Multiple Choice Questions in the areas of contemporary International Relations (50), Indian History and Politics (25), Political theory and Thought (25).

**M.A. in Political Science (Two year)**
The selection is based on the entrance test of two hours' duration at degree level. The question paper will consist of 100 Multiple Choice Questions as distributed below:
Indian Polity (50), International Politics (25), Political Thought & Theory and Current Affairs (25).

**M.A. in Political Science (Five Year Integrated)**.
The question paper consists of 100 Multiple Choice Questions in the areas of General Knowledge, General English, Social Sciences and test of reasoning.

**Ph.D.** programme, The selection is based on an Entrance Test of two hours. The question paper will consist of 100 Multiple Choice Questions at UG level in the areas of International Relations (35), Indian Polity (35) Political Theory and Thought (15) Research Methodology (15).

## THE THRUST AREAS OF TEACHING AND RESEARCH

Specific focus on India's Foreign and Security Policy, Indian political system, Political Theory, Political Economy of Development, Public Administration, South Asian Regional ooperation and Peace and Conflict Resolution.

## INFRASTRUCTURE FACILITIES

The Department has good infra-structural facilities including interactive class rooms, Smart class rooms and other teaching aids to assist teachers and students in their pursuit of academic excellence and relavance.

## FACULTY

### Professor & Head

**Mohanan Bhaskaran Pillai, Ph.D.** (University of Kerala, Trivandrum)
Specialization: India's Foreign Policy, South Asian Studies, Political Theory, Development Studies, Research Methodology

### Professors

**P. Moorthy, Ph.D.**
(Jawaharlal Nehru University, New Delhi)
*Specialization:* Peace, Disarmament, Science and Technology, Nation Building and Human Resources Management.

**P. Lazarus Samraj, Ph.D.**
(Annamalai University)
*Specialization:* Indo-U.S. Relations, Terrorism, Indian Government & Politics

### Associate Professor

**N. K. Kumaresan Raja, Ph. D.**
(University of Madras)
*Specialization:* Pubic Administration, Public Policy and Governance & Land Administration

### Assistant Professors

**G. Rose, M. Phil.**
(Jawaharalal Nehru University, New Delhi)
*Specialization:* International Organisation, Theories of International Relations.

**Pramod Kumar Ph. D.**
(Jawaharlal Nehru University, New Delhi)
*Specialization:* Central Asian and Russian Studies, Energy Security and Sustainable Development.

# M.A. (SEAL) (FIVE YEARS INTEGRATED PROGRAMME)

Masters of Arts in Social & Economic Administration and Law

## PROGRAMME SUMMARY

M.A(SEAL) is a five-year integrated multi-disciplinary intensive programme on Social & Economic Administration and Law.

## PROGRAMME OBJECTIVES

* It is a Joint Degree Programme. And this tailor-made joint Degree is to synergize Pondicherry University and Paris-1 Panthéon-Sorbonne in the fields of Social & Economic Management and Law, as per the M.O.U. signed on 1st April 2019.

* The Programme further intends to bring together the students of Paris and India while strengthening and encouraging youth employment.

## ADMISSION PROCEDURE

Admission to this Programme is purely based on merit in the all India admission test organized by the Pondicherry University, Puducherry. The Entrance Test will consist of 100 Multiple Choice Questions in the areas of Sociology, Political Science, History, Law and International Relations.

## PROGRAMME

The students from Pondicherry University who opt for this Programme will spend the first two years in Pondicherry University, and the third year will be in Paris-1. The Paris-1 students will spend the first two years in Paris-1, and the third year in Pondicherry University. Each group will have to reach the B2 level in French / English.The Pondicherry University B.A. (SEAL) students will have the exit option in case they do not wish to continue their Masters. If the Paris-1 students wish to continue their Masters, they will join Pondicherry University for the M.A. (SEAL), as Paris-1 does not have an M.A. (SEAL). So, the M.A. Intg. (SEAL) will follow this course:

| Admission Requirements | | |
|---|---|---|
| **B.A. (SEAL)** | **Location** | |
| | **PU Students** | **Paris-1 Students** |
| Year 1 | Pondicherry University | Paris-1 |
| Year 2. | Pondicherry University | Paris-1 |
| Year 3 | *Pre-departure 8-week Internship in an Indo-French Corporate in India (June-July)<br>*From September to next year May, 3rd Year in Paris-1<br>*Post-Course Work 8-week Internship in an Indo-French Corporate in France (June-July), if the students wish | *Pre-departure 8-week Internship in an Indo-French Corporate in France (June-July)<br>*From August to next year May, 3rd Year in Pondicherry University<br>*Post-Course Work 8-week Internship in an Indo-French Corporate in India (June-July), if the students wish |
| DEGREE GIVEN AFTER EXIT OPTION | A Dual Degree : "Licence Administration Économique et Sociale" from Paris-1, and "Bachelor of Arts in Social, Economic Administration and Law" from Pondicherry University | |
| **M.A. (SEAL)** | **Location** | |
| | **PU Students** | **Paris-1 Students** |
| Year 4 | Pondicherry University | Pondicherry University |
| Year 5 | Pondicherry University | Pondicherry University |
| DEGREE GIVEN AFTER 5 YEARS' INTEGRATED PROGRAMME | A Dual Degree : "Licence Administration Économique et Sociale" from Paris-1, and "Master of Arts in Social, Economic Administration and Law" from Pondicherry University | |

## PROGRAMME OUTCOME

This Programme offers a professional qualification curriculum and aims to further the bilateral and educational links between India and France.The M.A. Intg. (SEAL) is an interdisciplinary blend of Social Sciences, Economics, Commerce, Management, and Law, and it would give the perfect grounding to appear for the U.P.S.C. / I.A.S. / I.F.S.. It will also be an excellent opportunity to work after the completion of this Degree in governmental institutions or corporates, specially in Indo-French companies ; there is also the possibility of these Graduates being absorbed by the very same companies where they would have done their Internships.

## PEDAGOGICAL METHOD

Classroom lectures, tutorials, seminars, case studies, etc, shall form part of the teaching methods. Students are also encouraged to develop self-learning skills to carry out independent research. Project writing and presentation of the Project and Viva Voce will also form part of the teaching methods.

## EVALUATION CRITERIA

The evaluation of this Programme is as per the UGC guidelines of evaluation. Internal Assessment 40% of Marks and End Semester Exam is for 60% marks.
1.Internal Assessments consist of Term Tests, Written Assessment / Seminar Presentations. (40% of Marks)
2.End Semester Exam consists of 3 Hours Written Test. (60% of Marks)

## INTERNSHIP

Between the second and the third year, the students should undertake a mandatory internship, either in France or India, for at least 8 weeks. They will have to present a written Report on their Internship and face the relevant Viva.

## PROJECT

During the fifth year, the students are required to choose any area of their interest in Social & Economic Administration and Law in order to complete the Project. This Project submission is also followed by a Viva in the fifth year (X Semester).

**COORDINATOR:** Prof. Nalini J Thampi

# CENTRE FOR EUROPEAN STUDIES

School of Social Sciences and International Studies

## THRUST AREAS OF TEACHING AND RESEARCH

The Centre for European Studies of the Pondicherry University has an ongoing Research Project funded by SPARC(Scheme for the Promotion of Academic and Research Collboaration), an initiative by MHRD, facilitating academic and research colloborations between top ranked Indian Institutions and globally ranked Foreign Institutions. A Joint Research Project on "Engendering Development Goals, Action Plans and Strategies: Dialogues between India and Europe" has been initiated with the colloboration of the University of Lausanne, Switzerland and the University of Paris 13, France. The following themes are the thrust areas of this collaborative research on select countries of European Union with comparative inputs from India:

- Gender and Sustainable Development
- Gender and Good Governance Practices
- Public Policy Initiatives
- Foreign Policy Initiatives
- Consitutional and Legal Frameworks
- Transnational Gender and Human Rights.

### PROGRAMMES OF STUDY

**Ph.D.** European Studies

### ENTRANCE EXAMINATION

For **Ph.D. Programme**, the question paper will consist of 100 Multiple Choice Questions in the areas of International Relations, European History, European Foreign Policy, European Politics, European Economy, Current Affairs of National and International Importance, Research Methodology and General English.

## OBJECTIVE OF THE CENTRE

- To promote holistic understanding of Europe with its cultural, social and economic moorings and strategic specificities.
- To create a hub of activities on European Studies
- To pursue theory and policy oriented studies and research.

## VISION OF THE CENTRE

- To blossom into a Centre of Excellence for European Studies in India
- To provide platform for interdisciplinary teaching and research
- To develop network with Centres for European Studies in India and in Europe
- To enhance the visibility of the EU in India

## INFRASTRUCTURE FACILITIES

The Centre has good infrastructure facilities including LCD and other teaching aids to assist teachers and students in their pursuit of academic excellence.

## DOCUMENTATION CENTRE

The Documentation Centre is inaugurated in the premise of the Centre on March 3, 2014, on the occasion of the international Conference organised by the Centre. It houses books and documents on several aspects of European Studies and on India-European Union Relations for the use of students, scholars and faculties.

## FACULTY

**Prof. G. Chandhrika**
Head, Centre for European Studies &
Principal Investigator, SPARC

**Dr. Paokholal Haokip**
Co-Principal Investigator, SPARC

# UNESCO MADANJEET SINGH INSTITUTE OF SOUTH ASIA REGIONAL COOPERATION (UMISARC) & CENTRE FOR SOUTH ASIAN STUDIES

School of Social Sciences and International Studies

The University launched Post Graduate Programme (M.A) in South Asian Studies in the Centre for South Asian Studies for the first time in the country during the Academic year 2008-2009 under the XI plan. Since 2008, the South Asia Foundation (SAF) has been supporting the Centre with 16 Madanjeet Singh Group (MSG) Scholarships to students (two- one male, one female from each SAARC country) to pursue this course. The teaching and research in South Asian Studies at Pondicherry University received major fillip with the signing of MoU between Pondicherry University and the SAF on June 20, 2009 for the establishment of the Madanjeet Singh Institute of South Asia Regional Cooperation (MISARC). In the year 2010, the UN Educational Scientific and Cultural Organization (UNESCO) agreed to associate with all the institutions of excellence established by SAF including MISARC of Pondicherry University. Hence, it has been now renamed as UMISARC (U stands for UNESCO). The Institute has thus become truly global.

The then Prime Minister of India, Dr. Manmohan Singh, inaugurated and dedicated the Institute on 29 June 2012 for promotion of peace and co-operation among the SAARC countries. The syllabus of Post Graduate Programme in South Asian Studies has been uniquely designed to provide cutting edge knowledge of South Asian history, society, culture, economy, governance and politics, etc., from an interdisciplinary perspective. Students are expected not only to develop broad knowledge base to critically understand contentious issues concerning South Asia, but also offer a holistic perspective to address them and contribute towards promoting peace and cooperation in the region. Along with the publication of an *International Journal of South Asian Studies*, the Institute offers a broad research platform for refined academic debates with regular guest lectures by eminent scholars, diplomats and policy makers, etc., besides various academic activities. The Institute offers Ph.D programme from the academic year 2010-11.

## PROGRAMMES OF STUDY

**M. A.** South Asian Studies
**Ph.D.** South Asian Studies

## ENTRANCE EXAMINATION

For **M.A** in South Asian Studies, the question paper will have 100 objective type questions with multiple choices in the areas of contemporary South Asian society, culture, politics, economy and foreign policy.

For **Ph.D** programme, the question paper will consist of 100 Multiple Choice Questions in the areas of contemporary international and South Asian affairs, political systems, economy, history and foreign policy of South Asian countries and research methodology.

## THE THRUST AREAS OF TEACHING AND RESEARCH

Political Ideas, International Relations Theory, Contemporary International Relations, Government and Politics in South Asia, Foreign Policy of South Asian Countries, South Asian Regional Cooperation, Peace, Stability and Security in South Asia, South Asia in World Affairs as well as Economic Development, Society, Culture and History of South Asia.

## OBJECTIVES OF THE INSTITUTE

- Offering of at least 16 fully paid MSG scholarships, including travel, lodging and tuition fees, to South Asian students including Indian students based on gender equity.
- Merit - cum - Means scholarships for eligible students.
- Subject to availability of funds, offering a number of visiting research fellowships to Ph.D.
- Collaboration and exchange programmes with prestigious foreign and Indian Universities.
- Interactions with distinguished Indian and foreign scholars through seminars, conferences, workshops and lecture series.
- A leading library specializing in South Asian Studies as well as cultural subjects of arts and literature.
- Creating a hub for research on regional cooperation in South Asia through networking with other centers of South Asian Studies in the country and overseas.
- Promoting international cultural convergence of talented writers, musicians, dancers and other art practitioners.
- Policy inputs to the policy makers of South Asian countries in general and India in particular for promoting peace, regional cooperation and development.

## INFRASTRUCTURE FACILITIES

The Institute has good infrastructure facilities including computer lab (28 Systems) with internet connections, LCD projectors etc., to support teachers and students in their pursuit of academic excellence. The Institute is housed in a centrally air-conditioned grand UMISARC building with fully furnished and well equipped class rooms, auditorium and seminar hall with state-of-the-art audio-visual facilities. The Institute has developed a separate library for teachers, researchers and students, who can access facilities available at this library along with the Central Library.

## SELECTION OF INDIAN STUDENTS FOR MSG FELLOWSHIP

- The selection of Indian students will be based on entrance examination conducted by the University.
- The Centre reserves the right of termination of the fellowship at any time.
- The continuation of fellowship shall be decided based on the performance of the fellow in terms of discipline, attendance, academic activities and over all conduct.

## FACULTY

### Associate Professor & Centre Head

**D. Purushothaman, Ph.D.** (Pondicherry University)
*Specialization:* Culture & Security Issues in South Asia/Indo-Nepal Relations/Climatic Changes in South Asia.

### Professor

**A. Subramanyam Raju, Ph.D.** (University of Hyderabad)
*Specialization:* South Asian Politics and Security Issues, Comprehensive Security, Maritime and Energy Security Issues, India-US and India-Sri Lanka Relations.

### Assistant Professors

**Santhosh Mathew, Ph.D.,**
(Mahathma Gandhi University, Kottayam)
*Specialization:* International Organizations, Political Economy, Comparative Politics.
**S. I. Humayun, Ph.D.** (University of Madras)
*Specialization:* Non-Traditional Security Issues in South Asia, Maritime Security Affairs.

# UGC CENTRE FOR SOUTHERN ASIA STUDIES

School of Social Sciences and International Studies

Sanctioned under the Area Studies Programme of the University Grants Commission in June 2005, this Centre functions as an academic unit of the School of Social Sciences & International Studies of Pondicherry University. The Centre focuses on academic activities and research related to Southern Asia including South Asia, parts of East Asia and South-East Asia that is the region between the Gulf of Hormuz and Strait of Malacca. In formulating and coordinating its programmes, the Centre is guided by an inter-disciplinary Advisory Committee, chaired by the Vice Chancellor of the University.
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## OBJECTIVES

To promote a comprehensive understanding of social, cultural, economic, political and strategic dimensions of the study area. To offer vitally important inputs to the policy planners to formulate policies advancing India's economic, strategic and political interests; and to promote research with emphasis on comparative study of the issues and problems between the regions.

## PROGRAMMES OF STUDY

**Ph.D.** Southern Asia Studies

## FACULTY

### Professor & Director

**P. Moorthy, Ph.D.** (Jawaharlal Nehru University, New Delhi)

# CENTRE FOR WOMEN'S STUDIES

## School of Social Sciences and International Studies

Established in July 1999, the Centre offers Ph.D. in Women's Studies. The overall approach to Women's Studies in this Centre is multidisciplinary. The prime aim of the Centre is the creation of a critical awareness and sensitivity towards women's issues in every field. **Students irrespective of their gender are admitted to the course**. A holistic approach to gender studies is envisaged. It encourages women's academic development and empowerment, the major objective being women's empowerment, the marking out and the definition of a female space.

### PROGRAMMES OF STUDY

**M.A.** Women's Studies
**Ph. D.** Women's Studies (Full-time & Part-time (Internal & External)

### ENTRANCE EXAMINATION

**M.A.:** The entrance examination for M.A. Women's Studies will consist of 100 Multiple Choise Questions in the area of Women/ Gender issues in general.

**Ph.D:** The entrance examination for admission to the Ph.D Programme will consist of 100 Mutliple choice Questions. It will be of the post graduate level. The candidate will be required to have a good understanding of the Women's Studies perspective and Women/ Gender issues in general. A general familiarity with feminist theory and feminist research methodology is expected.

## THE THRUST AREAS OF RESEARCH

- Women's Empowerment
- Gender Mainstreaming
- Feminist theories and their application
- Women-centric initiatives
- Socio-Cultural factors relating to marginalization of women
- Legal rights of /for women
- Restructuring women's roles in history
- Gender stereotyping
- Gender and Media
- Violence against women
- Indian Women's Issues
- Women and Work
- Eco-feminist perspectives

## FACILITIES

The Centre has the ambience and facilities for learning and carrying out research. In addition to the centrally available facilities of the University, the Centre provides required facilities for teaching and learning such as Computer, LCD projector, audio-Visual needs etc.

## FACULTY

### Associate Professor & Head (i/c)

**C. Aruna., Ph.D.** (Bharathiar University, Coimbatore)
*Specialization:* Gender Studies, Gerontology, Social Networks

### Assistant Professor

**Aashita, Ph.D** (Banaras Hindu University, Varanasi)
*Specialization:* Feminist theory, Feminism in the Third world, Gender Studies.

# CENTRE FOR STUDY OF SOCIAL EXCLUSION AND INCLUSIVE POLICY

School of Social Sciences and International Studies

From its inception in 2009, the Centre for Study of Social Exclusion and Inclusive Policy at Pondicherry University has been actively engaging in teaching, research and extension activities. Centres as itself, have been conceptualized and established by the UGC during the X Five year plan, to correct through teaching and research, the inequalities created through discrimination and deprivation promoted by hegemonic structures. The UGC X plan guidelines for the establishment of these centres recognizes that such hegemonic structures have been a 'pervasive feature of our society' promoting exclusion of large segments of population especially those in the margins. It is the goal of the Centre for Study of Social Exclusion and Inclusive Policy to contribute to the democratic process by checking the creation and propulsion of social exclusion through theory and policy contributions. From the academic year 2019-20, the Centre has taken its goal further through the introduction of a new interdisciplinary Social Science Postgraduate programme in Human Rights and Inclusive Policy. M.A. Human Rights and Inclusive Policy is in line with the subject focus of the Centre with special attention to different national and international bodies that protect Human Rights and facilitate Inclusive Policy.

**SIGNIFICANCE AND HIGHLIGHTS OF M.A. HUMAN RIGHTS AND INCLUSIVE POLICY**

The biggest challenge to humanity is to live with tolerance appreciating diversity in all life forms and cultures. This challenge leads to the rising conflicts and human rights violation. Understanding Human Rights is crucial for the wellbeing of people globally in promoting peace.

The M.A. Human Rights and Inclusive Policy at Pondicherry University, brings in a multidisciplinary Social Science approach to facilitate better understanding of different conflicts and the possibilities in promoting peace and tolerence. The Programme is structured to provide experiential learning with the fourth semester dedicated for Internship and Project work.

The Programme is recognized by UGC-NET/JRF examinations and UPSC examinations.

## PROGRAMMES OF STUDY

**M.A.** Human Rights and Inclusive Policy
**Ph.D.** in P.G. Discipline (with specialization in Social Exclusion and Inclusive Policy)

## ENTRANCE EXAMINATION

For **M.A. Human Rights and Inclusive Policy (2 years):** The Selection is based on an All India entrance examination of 2 hours duration and 100 multiple choice questions. The question will include undergraduate Social Sciences, Current affairs, General reasoning with specific focus on Human Rights issues.

For **Ph.D. Programme:** The entrance examination will consist of 100 Multiple Choice Questions on Research Methodology and Theories with an interdisciplinary Social Science approach.

## FACULTY

### Centre Head(i/c) & Assistant Professor

**Thanuja M, Ph.D.** (University of Madras, Chennai)
*Specialization:* Anthropology – Interface of Economic and Ecological Anthropology; Scheduled Tribes- Issues of rights and development policy.

### Assistant Professor

**A. Chidambaram, Ph.D.**
(Bharathiar University, Coimbatore)
*Specialization:* Social Work – Community Development; Disability & Education; Reproductive Child Health.

# UGC CENTRE FOR MARITIME STUDIES

School of Social Sciences and International Studies

The UGC Centre for Maritime Studies (CMS) was established during the academic year 2014-15 by the University Grants Commission under its Area Studies Programme. The CMS examines the relevant policies and mechanisms aimed at fulfilling the new maritime objectives of India. The CMS offers Ph.D.Programme in Maritime Studies.

## PROGRAMMES OF STUDY

**Ph.D.** Maritime Studies

## ENTRANCE EXAMINATION

For **Ph.D.** programme, the question paper will consist of 100 muliple choice questions in the area of International Relations, Foreign Policy, Maritime Affairs and Research Methodology.

## OBJECTIVES

The Centre promotes research, teaching and other academic programmes on the following areas of concern to Indian national interests. Considering India's strategic location across the east-west SCLOCS of the IOR, the Centre promotes studies on India's role in ensuring the safety of SLOCs, trade, energy security and cooperative linkages with other coastal states to combat the maritime threats and maintain a peaceful and stable order in the IOR

1. Maritime jurisdiction, resources, cooperation and conflicts with neighbours
2. Non-traditional threats to India's maritime security: piracy, maritime terrorism, environmental threats
3. Building maritime connectivity, merchant shipping, development of maritime infrastructure, national maritime development policy, foreign collaborative ventures.
4. India and Indian Ocean Security Regime
5. India and the Regional Initiatives

## VISION

- To blossom into a Centre of Excellence for Maritime Studies in India and later as an Institute of Maritime Studies
- To provide a platform for interdisciplinary teaching and research
- To develop network with other Institutions.
- To create awareness about the maritime affairs/issues in India.

## FACULTY

### Professor & Co-ordinator

**A. Subramanyam Raju, Ph.D.** (University of Hyderabad)
*Specialization:* South Asian Politics and Security Issues, Comprehensive Security, Maritime and Energy Security Issues, India-Sri Lanka Relations.

# SCHOOL OF EDUCATION

## Dean & Head: Prof. MUMTAZ BEGUM

The School of Education was established in 2007 with a nucleus Department of Education offering Masters Programme in Education. It has expanded its functioning after the appointment of the full fledged Faculty in 2009. In addition to the Two Year M.Ed. Programme which is approved by the National Council for Teacher Education (NCTE), the School offers Ph.D. in Education and Post Graduate Diploma in Teaching Skills (PGDTS) Programme (Add-on Course). The PGDTS Programme is offered in the evening for two semesters for any Graduate to develop competencies in teaching among the wrking teachers, research scholars and students of higher education, etc. on a Multi Disciplinary Perspective gain the skills.

With competent Faculty, the School offers the Programmes that provide opportunities for the capacity building of future Teachers and Teachers Educators. The specialisation areas include Educational Technology, Teacher Education, Economics of Education, Educational Planning and Administration, Value Education, Environmental Education and Guidance and Counselling. The Ph.D. Programme is offered in the thrust Areas of Education and allied Disciplines promoting Educational Research, in an interdisciplinary manner. The faculty members have wide teaching and research experience and have published Books and Articles in UGC CARE Listed Journals. They are Members in the National, International and Regional Committees.

**Milestones**

The School of Education received the NCERT Award for its innovative Project in the All India Competition on Innovative Practices and Experiments in Education for Schools and Teacher Education Institutions held in 2012-13. The present Dean and Head was honoured with the prestigious Commonwealth Fellowship Award for the year 2013 and was posted in Liverpool John Moores University for the above Post Doctoral Award. She also served as the Associate of Inter University Consortium of UGC and completed her Associateship in Three spells at the Indian Institute of Advanced Study, Shimla. She has bagged the Erasmus + Project Grant under the Title "CCIL@India" along with 3 International and 3 National Partner Institutions. Dr. Sreekala. E, Associate Professor has completed her Post Doctoral Research at Berlin, Germany with the Humboldt Fellowship Grants.

### PROGRAMMES OF STUDY

**M.Ed.** Master of Education (Two years)
Specialisation Subjects offered pertaining to Secondary and Senior / Higher Secondary stage as per the New Regulations of NCTE, 2014.
**Ph.D.** Education
**P.G. Diploma** in Teaching Skills (Add-on Course-Evening)

### ENTRANCE EXAMINATION

For the **M.Ed.** Programme, the candidates are selected on the basis of merit through All India Entrance Examination - PU.
The Question Paper consists of MCQs based on the syllabi generally offered for the Undergraduate Programme in Education (B.Ed.) by various Universities across India and approved by NCTE.

For **Ph.D.** Programme, the Question Paper consists of MCQs on Core Foundation Subjects in Education including Research Methodology and Statistics, generally offered in any M.Ed. Programme in India.

## INFRASTRUCTURE FACILITIES

School of Education has a modest Multi-Media Laboratory equipped with latest gadgets, Internet and LAN connectivity, Educational software, Data Analysis software. The classrooms are equipped with DLP Projector, Home Theatre, Visualiser & Interactive White Board which are used by both students and teachers during curriculum transaction. The School has Educational Psychology Laboratory with more than 400 Psychological tests and materials available for teaching, research and extension activities. There are around 6000 books related to Education and allied disciplines under 2600 titles available in the Central Library. There is also a Departmental LIbrary with Books, Journals, Periodicals, Thesis/Dissertations, etc. More than 10 Journals of National and International significance in addition to e-Journals are available including ERIC full Text. The European Union has funded to create **Content and Language Integrated Learning Resource and Training Centre** under the **CLIL@India** Project Grants. The Centre was inaugarated on 10.11.2017. The Centre has multiple number of computers and other related electronic gageds which are used by the M.Ed. Trainees and other Teachers who come for in service Training periodically.

## RESEARCH & EXTENSION ACTIVITIES

Faculty members have worked/are working on Projects funded by UGC, DST, ICSSR, NCERT, SSA and other National Institutions. All the Faculty are recognized Supervisors for guiding Ph.D. candidates. So far 33 Research Scholars have been awarded Ph.D. in Education. Full time Ph.D. scholars are receiving Research fellowships and scholarships which include UGC-JRF, MANF, RGNF and Pondicherry University Scholarship. Seven Post Doctoral Research Fellows(PDFs) have been selected by UGC and ICSSR under the mentorship of SOE Faculty. They are involved in Research cum Teaching activities since 2015.

## ACHIEVEMENTS

School of Education has

- Obtained Grants under Special Assistance Programme (SAP DRS-I) of UGC, New Delhi for five years since 2011.
- Prof. Mumtaz Begum is the Principal Co-ordinator of CLIL @ India Project funded by European Union under Erasmus+ Scheme.
- Received Grants under Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching(PMMMNMTT) Scheme, MHRD/GOI Initiative to carry out Innovative Teacher Education Programmes, Workshops, Seminars, Minor Research Projects etc., They are organised and conducted by Prof. Mumtaz Begum, the Principal Co-ordinator of the Scheme.

## PLACEMENT OF OUR ALUMNI

Since the inception of M.Ed. Programme, every year good number of students clear for UGC-JRF-NET Examination and become eligible for Assistant Professorship and for pursuing Research(Ph.D.). They have been placed in DIET's, Colleges of Education, Teacher Training Institutions, University, Departments, both at State and Central Levels, Government Schools and other allied Departments.

## FACULTY

### Dean & Head

**Mumtaz Begum, Ph.D.** (University of Madras)
*Specialization:* Teacher Education, ELT, Vocational Education, Special Education, Distance Education, Higher Education, Inclusive Education, Gender Education, Educational Administration and Leadership, Neuro Linguistics Programming.

### Professors

**M. Balamurugan, Ph.D.** (Annamalai University)
*Specialization:* Mathematics Education, Educational Planning and Administration, Teacher Education, Cognitive Psychology, Research Methodology, Value Education and Statistics in Education.

**K. Chellamani, Ph.D.** (Alagappa University)
*Specialization:* Research Methodology, Experimental Design, Neuro Linguistics, Cognitive Science, Portfolio Writing, English Language Teaching.

### Associate Professor

**Sreekala.E, Ph.D.** (RIE, Mysore)
*Specialization:* Sociology of Education, Blended Learning, Special Education, Higher Education and School Education.

### Assistant Professor

**Vijayakumar. R, Ph.D** (Bangalore University)
(On EOL)
*Specialization:* Foundations of Education, Multi-Media Technology of Education, Teacher Education, Environmental Education, Guidance and Counseling.

# CENTRE FOR ADULT & CONTINUING EDUCATION

School of Education

Established in 1989, the Centre offers Ph.D. in Adult & Continuing Education (Inter Disciplinary). It is under the School of Education and provides facilities for intensive training and field outreach activities. The prime aim of the Centre is to create critical awareness towards literacy, population education, extension programmes, youth development, social problems and societal issues. A holistic approach to outreach studies is envisaged.

## PROGRAMME OF STUDY

**Ph.D.** Adult & Continuing Education -Inter Disciplinary (Full-time & Part-time).

## ENTRANCE EXAMINATION

For the entrance examinations for admission to Ph.D Programme, the question paper will consist of objective type of Questions in the areas of General Knowledge, General English, Research Methodology and Statistics.

## RESEARCH ACTIVITIES

At present Four Research Scholars have been pursuing Ph.D. in Adult and Continuing Education. Full time scholars are recieving UGC-JRF, ICSSR fellowship and University scholarship. Thrust areas for research include

- Extension, Field Outreach and Community Development
- Continuing Education
- Non-Formal Education
- Societal Issues and Social Problems and
- Youth Development

## INFRASTRUCTURE FACILITIES

Computer, Overhead Projector, Colour television, DVP, LCD Projector, Free Internet Access.

## FACULTY

### Professor & Centre Head

**K. Devan, Ph.D.** (Pondicherry University)
*Specialization:* Anthropology, Youth Services, Social Problems, Extension and Field Outreach Activities, Societal Issues and Community Development.

# SCHOOL OF MEDICAL SCIENCES

## Dean (i/c): Dr. GOPAL KRISHNA PAL

The University at present does not offer any programme directly by the School of Medical Sciences.

# SCHOOL OF MEDIA & COMMUNICATION

Dean: Prof. Chennupati K. Ramaiah

## Department of Electronic Media and Mass Communication
## Department of Library and Information Science

The Department of Electronic Media, the Department of Mass Communication and the Department of Library and Information Science (DLIS) were started in the academic year 2007-08 with a motivation to grasp the ever-expanding knowledge domains of media and culture, media production, journalism, film, television and radio, informatics, knowledge management and library and information science. Initially all three departments were under the School of Physical, Chemical & Applied Sciences. Recognizing the meta-disciplinary nature of all these subjects, the three departments have now been coalesced into one single enclave called 'The School of Media and Communication'.

Further, the three subjects share commonality in teaching and research, and the same is evidenced in the synthesis of communication and information sciences in universities across the globe. Now the School of Media and Communication comprises of i) the Department of Electronic Media and Mass Communication, and ii) the Department of Library and Information Science. The Department of Electronic Media and Mass Communication (DEM&MC) was created in 2012, by combining the Department of Mass Communication and Department of Electronic Media. It offers two postgraduate programmes viz. M.A. in Mass Communication and M.Sc. in Electronic Media, PhD in Mass Communication and PhD in Electronic Media. The Department of Library and Information Science (DLIS) has been offering MLIS programme in Library & Information Science since 2007, Postgraduate Diploma in Library Automation and Networking (PGDLAN) in the evenings since 2009-10 and PhD since 2010.

The School of Media and Communication is one of the emerging interdisciplinary academic entities of the University. The broader arc of the school's curriculum encompasses Digital Media and Culture, Journalism for Print, Radio, Television and Internet, Media Production, Visual Communication and Visual Culture, Film Studies, Library & Information Science and Technology. Its profound aim is to produce informed scholars and skilled manpower to meet the needs of the national and international communities as well as industries. The school's main goal is to achieve excellence in all respects including teaching, research services and innovation. By that corollary, the school offers an innovative curriculum to impart knowledge to postgraduate students who come from diverse social, cultural and economic backgrounds.

## THRUST AREAS OF RESEARCH

### DEM&MC

The thrust areas of research include:
- Political Communication
- Film Studies and Visual Culture
- Film Philosophy
- Digital Media and Culture Studies
- Digital Art, Digital Humanities
- Health Communication
- Development Communication
- Television and Radio Studies
- Political Economy of Media/New Media
- Educational Communication/Technology-Enabled Learning
- Environmental Communication

### DLIS

The thrust areas of research include:
- ICT Applications in LIS
- Digital Libraries
- E-Publishing
- Hypertext and Multimedia
- Knowledge Management
- Heritage & Cultural Informatics
- School Libraries

## INFRASTRUCTURE

Department of Electronic Media and Mass Communication has state-of-the-art infrastructure that aids in video production, audio and video editing as well as multimedia labs for 2D and 3D Animation, Graphic design, Infographics, Print Journalism and Digital Journalism, etc.

The School has well-equipped classrooms with LCD Projectors and Public Address System, Wi-Fi facility in campus, access to e-books, e-journals and institutional repositories, latest books on these subjects.

Both departments organize several events like study tour, workshops, seminars and guest lectures by eminent academics from India and abroad.

## PLACEMENT OPPORTUNITIES

There is an ever increasing demand for Media and Communication professionals and students get plum assignments in various industries that include Journalism industry (Print/Television/ Digital/ Radio), Advertising, PR and Corporate Communications, Digital Marketing, Content Writing, E-learning, Graphic Design and 2D/3D Animation, UI/UX Designing, Web Designing, Technical Writing, NGOs, Filmmaking, Documentary filmmaking, Game Designing to name a few. LIS postgraduates get placed as Librarians, Information Scientists, Knowledge Managers, Cataloguers, Indexers, Information Analysts, Reference Service Specialists, Technical Editors, Consultants, etc. in traditional libraries & information centres and corporate sectors as well. Those who qualify UGC-NET or SET examination are eligible to enter academics. Those who qualify UGC-JRF can pursue their doctoral research in their chosen field with UGC fellowship.

# DEPARTMENT OF ELECTRONIC MEDIA AND MASS COMMUNICATION

School of Media & Communication

Established in 2007, the Department offers two courses: M.A. in Mass Communication, and M.Sc. in Electronic Media. The major objective of the Department is to train students in the spheres of journalism, television production, radio production, advertising, public relations, film studies, digital media, development communication, media and culture studies, photography, and audio and video editing. Our aim is to nurture cutting edge media professionals with effective communication and critical thinking skills. We work towards preparing young minds with a strong foundation in values and principles, who proactively intervene in the development of a humane society.

## PROGRAMMES OF STUDY

**M.A.** Mass Communication
**Ph.D.** Mass Communication
**M.Sc.** Electronic Media
**Ph.D.** Electronic Media

## ENTRANCE EXAMINATION

**M.A. Mass Communication**

The Entrance Examination consists of 100 Multiple Choice Questions out of which 80 questions deal with understanding of Media, Communication & Society, Fundamental Media Laws, Media Current Affairs, Journalism, Advertising, Corporate Communication, media history and recent trends in media, digital media and communication and 20 questions deal with English and test of reasoning.

**M.Sc. Electronic Media**

The Entrance Examination consists of 100 Multiple Choice Questions out of which 80 questions cover Media, Communication, Electronic & New Media, Media and Society, Visual Communication, Visual Culture, Television, Cinema, Graphics & Animation, Aesthetics, Sound, Media Management, Advertisement and 20 questions deal with English and test of reasoning.

**Ph.D.**

JRF students get direct admission to the doctoral programmes of mass communication and electronic media. Non-JRF students desirous of seeking admission into any of the two programmes will have to appear for an entrance examination conducted by the university at the national level. There will be 80 Multiple Choice Questions (MCQs) from subjects taught as part of mass communication and electronic media and 20 questions that from part of English, Maths & Reasoning.

## ACTIVITIES

**Print/Television/Digital Journalism**

To aid in practice-based journalism, the Department brings out a student's practice journal titled '*The Inquirer*' and also runs a digital version '*The Inquirer*' which can be accessed at http://www.puinquirer.edu.in/

**Television & Radio Production**

Students produce documentaries and short duration video programmes. They engage with socially relevant media projects. Likewise, students produce programmes for Puduvai Vaani, a FM Community Radio station of Pondicherry University. They also facilitate the community nearby to produce programmes thereby ensuring community participation.

**Online Journal and Digital Media Website**

The Department runs its own online research journal which can be accessed at www.communicationadnculturereview.in The journal has acquired ISSN No. and attracts research articles from foreign authors and Indian academicians. Similarly, the department also runs a website that documents digital media policies and ethics. The website can be accessed at www.ethicscultures.in

**Photo Journalism/Photography**

Students are offered intensive training on photo journalism and photography. They are encouraged to organize exhibitions upon the completion of their projects. Workshops on photography are organised regularly to enable students to get hands-on training on the same.

**Guest Lectures and Workshops**

Enrichment lectures by national and international media professionals and academicians as well as workshops by media practitioners are organised on a regular basis to amplify the theoretical and practical knowledge of students on various topics related to media and communication.

**MOUs and Collaborations**

- MoU has been signed between the Department of Electronic Media and Mass Communication, Pondicherry University, Puducherry, India, and UFR INGEMEDIA of Toulon University, Toulon, France. The MoU makes it possible to have students and faculty exchange, collaborative conferences, co-guidance of doctoral students between the two universities.
- Another MoU has been signed with IGNCA (Indira Gandhi National Centre for the Arts), New Delhi.
- An MoU has been signed with JIPMER and Puduvai Vaani, Community Radio station of Pondicherry University.

## OBJECTIVES

**M.A. MASS COMMUNICATION**

- To offer theoretical knowledge with focus on acquiring practical, professional expertise and competency in Journalism, Film, Broadcasting, Advertising, PR, and Digital Media.
- To provide strong foundation in research to facilitate interested students to pursue higher studies.
- To enable students to reflect critically on a wide range of social, economic and political issues.

**M.Sc. ELECTRONIC MEDIA**

- To facilitate students to understand the systems, processes, cultures associated with mass media and with special emphasis on interactive Television, and New Media.
- To provide wider training on audio-visual productions, Graphic Design, Animation and film making.
- To introduce and familiarize critical research skills in audio-visual media.

## CAMPBUZZ – CAMPUS NEWS BULLETIN

Students are encouraged to produce news bulletins to enable them to prepare themselves for Television journalism industry. The University Campus News Bulletin CampBuzz is uploaded in YouTube channel at PUCAMPBUZZ.

## FILM FESTIVALS, SHORT FILMS COMPETITIONS AND FILM SCREENING

Film Festivals are organized every year in collaboration with IAWRT, Vigyan Prasar, Tamil nadu Progressive Writers Association and other bodies. Such activities are useful to students in developing their literacy skills about films. Besides, these events also trigger interest in students to produce their own documentaries and short films.

## SEMINARS/CONFERENCES

The Department organises seminars and conferences at national and international levels inviting academicians who are experts in the fields from India and abroad. Seminars are conducted to facilitate academicians embark on research in their chosen domain. Papers presented are considered for publication as book chapters and other publications.

## PEDAGOGY

ICTs and software tools have found increasing relevance and acknowledgement in higher education across the globe. The school capitalizes on the initiative to use digital technologies in building interactive MOOCs and online courses as we believe in the ethos of multimodal learning. Multimodalitiy allows learners to engage with content in an efficacious manner. Being a media department, we invest in a pedagogy that strings together visual, audio and text keeping in mind, the changing learning styles of students and the widespread use of devices and platforms. Combining multimodal with classroom teaching and learning, we strive to achieve blended learning practices that offer choices to students both in terms of modalities and pedagogies. The DEMMC is currently developing MOOCs courses on Photo Journalism and Media Laws and Ethics which will be rolled out to a larger student community across the world.

## INTERNSHIP

Each student undergoes internship for not less than four weeks in a media organization during summer vacation between second and third semesters. After completion, students submit a report on the experience they gain during the internship. The training they get from media houses is particularly helpful in orienting students to the requirements of the industry.

## MEDIA PRODUCTION

The convergence of media requires students to be exposed to the application of a variety of media through a single platform. The students do media production in the first semester which includes Lab Journal Production, photo journalism and reporting, writing and editing for print media. They further engage with radio production, television production, web journalism, reporting, writing and editing for electronic media and other courses in four semesters. Students of Electronic Media engage in various genres of productions using single and multi-camera set-up, e-learning, graphic design, 3D animation, documentary and short film making, web development etc.

## PLACEMENT

Students get placements in news organizations, advertising agencies, public relations firms, news websites, television news channels, film industry, e-learning companies, newspapers, digital marketing companies, non-governmental organizations and academic institutions.

Students have been placed in various media organizations that include non-technical and technical jobs. Some of the companies include HP, Flipkart, Oracle, Times of India, The New Indian Express, CTS, TCS, Think Why Me Not, SUN TV, News7, Accenture, to name a few.

## ONGOING PROJECTS

1. ICSSR approved major Research project titled Effectiveness of Media in Transmitting Weather Forecasting Information among the Coastal Inhabitants: A study in Selected States of India- Principle Investigator Dr.S.Anand Lenin Vethanayagam
2. UGC approved major projects on *Political Mediated Communication and General Elections: Watching the Media during Parliamentary Elections 2014* - Principle Investigator Dr. S. Arulselvan
3. UGC approved major Projects on *Social Media and Ethics: A socio-technical approach to the making of ethics among children and the youth in Pondicherry and Tamilnadu* - Principle Investigator Dr. M. Shuaib Mohamed Haneef

## MOOCs PROJECTS

1. Media Laws and Ethics – Dr. S. Arulselvan
2. Photojournalism – Dr.Radhika Khanna

## SPECIAL EVENTS

The department organizes Seminars, Workshops, Exhibitions, Film Festivals and other events on a regular basis. Some of the notable events in the last three years include:

- Documentary and Short film Festivals.
- Academic Seminars in association with ACT-TNP and other national and international agencies.
- Student Photo Exhibitions
- Workshops on TV Journalism, Sound, Animation, Editing, E-Content, Web Design with experts from the industry.

## INFRASTRUCTURE

The department has well equipped two computer labs and studios with the most recent equipment to train students on graphics and web designing, audio and video editing. The equipment includes broadcast quality audio and video equipment and professional digital SLR cameras. Classrooms are furnished with teaching aids such as LCD projector and DTH connection which enable students to keep themselves up-to-date with current affairs 24x7. The following are the key facilities and supporting equipment available in the Department.

A separate well-furnished PhD Scholars room with Wi-Fi facility has been created to provide a conducive environment for research scholars to pursue their studies.

## A) VIDEO PRODUCTION STUDIO

The Department has a state-of-the-art production studios comparable to the industry style and décor. The bigger studio is

used by EMRC for MOOC productions, documentaries and other autio-visual works. Both studios have the most sophisticated equipment for video production processes. Indoor shooting, single and multi-camera production, dubbing and news bulletin anchoring are some of the exercises that take place in the studios. In addition, there are two audio booths for recording audio.

## B) MULTIMEDIA LAB

The Department has two Multimedia labs with 80 high-end desktop computers. The lab also has the supporting software that include Adobe products, Ulead Video Studio 11 and Sound Forge 9, Cool Edit Pro etc. A separate edit suite space that allows 10 students to carry out video editing is available as part of video production. Avid Mojo SD, Mac Pro with FCP & DPS velocity HD workstation for video editing is also available.

## C) COMMUNITY RADIO STATION – PUDUVAI VAANI FM 107.8 MHZ (also see page No.: 173)

Puduvai Vaani is the community FM Radio facility on the University campus. It works on FM 107.8 MHz, covering an area of 20 km radius from the University campus. This station broadcasts programmes in both Tamil and English languages. Media students undergo training in the production of radio programmes that include writing radio scripts, voice modulation and live broadcasting at the FM channel. The CRS has produced more than 500 hours of audio / radio content which are suitable for broadcast through any radio stationing on varieties of themes from health, education to entertainment.

## FACULTY

### Assistant Professor & Head i/c

**M. Shuaib Mohamed Haneef, Ph.D.** (Manonmaniam Sundaranar University)
Asia Culture Fellow, Chonnam National University, Republic of Korea
*Specialization:* Journalism (Print and Digital), Digital Media & Culture Studies, Digital Art and Digital Humanities, Affect and Interface Studies, Convergence and Algorithmic Journalism, Game Studies and E-learning.

### Associate Professors

**S. Arulselvan, Ph.D.**(Madurai Kamaraj University)
*Specialization:* Political Communication, Communication Research, Technology-Enabled Learning, Tamil Journalism (Print & Web), Radio Studies.
**D. Nivedhitha, Ph.D.**(Mother Teresa Women's University)
*Specialization:* Film Studies, TV Production, Film Semiotics, Script Writing, Film Direction, Cosmetology, Fiction & Non Fiction Film Making.

### Reader

**S. Anand Lenin Vethanayagam, Ph.D.** (Manonmaniam Sundaranar University)
*Specialization:*Visual Communication design, Publication & design, Photography & digital imaging.

### Assistant Professors

**Radhika Khanna, Ph.D.** (Jamia Millia Islamia University, AJK Mass Communication Research Centre).
*Specialization:* Journalism, Photojournalism, Corporate Communication, Documentary, Education through ICT, Public Speaking & Life Skills, Film Studies, Communication for Social Change, Theatre-in-Education.
**Samarjit Kachari, Ph.D.** (Pondicherry University)
*Specialization:* Development Communication, Radio production, Journalism, Communication Theories.
**A. Muthamil, M.Phil.**(Anna University).
*Specialization:* : TV Production, Film Studies, Videography, Short Film & Documentary, 3D Stereoscopy, Virtual Recording, Virtual Reality, Sound Recording for TV.
**V. Santhi Siri., Ph.D. (**Mother Teresa Women's University)
*Specialization:* Visual Arts, Painting, Print Making & Design, Graphic design, Animation, Visual Media & Design.
**T. Balasaravanan. Ph.D.** (Pondicherry University)
*Specialization:* Media, Performance and Culture Studies, Television Production, Drama and Theatre Arts, Non-Linear Editing, Lighting Design, Projection Design, Direction.

# EMRC - EDUCATIONAL MULTIMEDIA RESEARCH CENTRE

School of Media & Communication

Head(i/c): Dr. Radhika Kanna

The University Grants Commission (UGC) established Consortium for Educational Communication (CEC) and set up 21 Educational Multimedia Research Centres (Media Centres) at various Universities in India. Realizing the potential of "Study Webs of Active-Learning for Young Aspiring Minds" (SWAYAM) to address the three cardinal principles of Education Policy viz., access, equity and quality, EMRCs produce e-content, including MOOCs (Massive Open Online Courses) for MHRD's SWAYAM platform and SWAYAM PRABHA DTH channels devoted to telecasting of high-quality educational programmes on 24X7 basis using the GSAT-15 satellite.

The EMRC at Pondicherry University is one of the new Media Centres in India set up in 2012. Much ahead of the creation of EMRC, a Multimedia Production Centre was established during the academic year 2007-2008 and inaugurated by Prof. Sukhadeo Thorat, former Chairman, UGC on 29th March 2008. This Centre is currently working towards being an active contributor to creating multi-modal teaching-learning resources based on research, with a state of art studio equipped for video production facilities. It has in the past actively engaged in the production of educational video documentaries, animation films, E-lectures, Distance Education Programmes, Human Resource Development Centre (HRDC) Programmes and documentation of important academic events of the University.

It has produced more than 65 documentaries, three animation films and 15 E-lectures on diverse topics. The Centre has also recorded 125 programmes and 25 MOOCs lectures. It has also created a music video for the University Anthem. A workshop on designing, development and delivery of MOOCs has been conducted for faculty of Pondicherry University and affiliated colleges.

This Centre has gained momentum after Prof. Gurmeet Singh, Vice-Chancellor of Pondicherry University assumed office. Faculty members are encouraged to develop fresh MOOCs and students are motivated to enroll for MOOCs offered through the SWAYAM platform. EMRC, Pondicherry University has been sanctioned development of six undergraduate MOOCs in the following subjects, which will be launched on the SWAYAM platform where they will be available online, free of cost to any learner across the world.

**1. Subject - Zoology**
**Title - Bioprocess Technology for Life Sciences**
**Dr. Lata Shukla, Department of Biotechnology**
**2. Subject - Zoology**
**Title - Marine Biotechnology**
**Prof. V. Arul, Department of Biotechnology**
**3. Subject – Hindi**
**Title - Bhasha Proudyogiki ka Parichay**
**Dr. C. Jaya Sankar Babu, Department of Hindi**
**4. Subject - Hindi**
**Title - Prayojanmoolak Hindi**
**Dr. C. Jaya Sankar Babu, Department of Hindi**
**5. Subject - Journalism**
**Title - Photojournalism**
**Dr. Radhika Khanna, Department of Electronic Media and Mass Communication**
**6. Subject - Journalism**
**Title - Media Laws and Ethics**
**Dr. S. Arulselvan, Department of Electronic Media and Mass Communication**

## AWARDS AND ACHIEVEMENTS OF EMRC

**20th UGC-CEC Educational Video Competition (2009-10), New Delhi**

1. *The Salves of the Lamp*- Best Cinematography and Best Scripting award - Gowthama Avarthi and MR Veeraraj
2. *Pranthanam-Kirti-Pravannu* (Save heritage for posterity)- Best Animation - M.Manamathi, Pondicherry University

**21ST UGC-CEC Educational Video Competition (2010-11), Mysore**

1. *The True Survivor (Horseshoe Crab)* - Best Programme of the year. Producer: Mr. J.A. Sanjeev Kumar, Pondicherry University
2. *The True Survivor (Horseshoe Crab)* - Best Script. Script writer: Dr. Jayanth Mishra, Pondicherry University
3. *Silk - The Queen of Fiber* - Best Camera work. Cameraman: Mr.G.Sivakumar, Pondicherry University
4. *French Fragrance at Puducherry* - Best Editing. Editor: Mr. S. Balamurugan, Pondicherry University, Cash Prize: ₹ 25, 000/-.
5. *The Tree* - Best Programme for Animation - Ms. M. Manamathi, Pondicherry University Cash Prize: ₹ 50, 000/-.

**DOCUMENTARY SCREENED IN PRAKRITI FILM FESTIVAL 2008, PONDICHERRY UNIVERSITY**

Gingee "The Troy of the East"

**Documentaries screened in Prakriti Film festival 2010, Jodhpur**

1. The Brides of Aaravan
2. The Salves of the Lamp
3. The Killer Dust

**Documentaries screened in Prakriti Film festival 2011, Tripura**

1. Margadarsi Siddama
2. The Modern Muni

**Documentaries screened in Prakriti Film festival 2012, Mysore**

1. The Night Warriors
2. Ariyalur Rocks
3. Probiotics - 'A Value of Biotech'
4. The Art of Bronze

**Documentaries screened in Prakriti Film festival 2013, Calicut**

Share the Pain

**Documentaries screened in Prakriti Film festival 2014, Kolkata**

1. True Life
2. Mobile Solar Power
3. Nanobiotics - "A Hope for Cure"
4. Rainwater Harvesting

**Vigyan Prasar, Department of Science and Technology - "Rashtriya Vigyan Chalchitra Mela 2013", Kolkota**

1. The Night Warriors - Golden Beaver Award under Popular Science category - Mr. S. Balamurugan
2. Rain Water Harvesting - Shortlisted for screening under Science and Technology category - Mr. M. Iyyanar.

**Vigyan Prasar, Department of Science and Technology - "Rashtriya Vigyan Chalchitra Mela 2014", Bangalore**

1. Horse-Shoe Crab - *Silver Beaver Trophy Award* - Mr. J.A. Sanjeev Kumar. Cash Prize: ₹ 50,000/-
2. Mobile Solar Power - *Bronze Beaver Trophy Award* - Mr. S. Balamurugan. Cash prize: ₹ 30,000/-

**Vigyan Prasar, Department of Science and Technology - "Rashtriya Vigyan Chalchitra Mela 2015"**

1. True Life
2. Where am I
3. Nanobiotics: "A Hope for Cure"

**22ND UGC-CEC Educational Video Competition (2015-16), Shimla**

Weeds of Future, Special mention in the Formative Research category - Prof. V. Arul, Department of Biotechnology, Pondicherry University.

**Documentary screened in 5th International Science Film Festival of India 2019, Kolkota**

Bat Woman (The Night Warriors II) - Mr. Balamurugan

## PRODUCTION TEAM

1. Mr. A. Sanjeev Kumar, M.A.(Communication)– Producer
2. Mr. S. Balamurugan, M.Sc., M.A.,M.Phil., PGDEM, UGC-NET - Production Assistant
3. Mr. G. Siva Kumar, M.A., D.T.C - Cameraperson
4. Mr. M. Iyyanar, M.Sc.,M.A., M.Phil., D.F.Tech - Technical Assistant
5. Ms. M. Manamathi, M.B.A. PGDAM - Graphic Assistant
6. Mr. D. Duraivijayan, B.Sc., DECE - Shooting Assistant
7. Mr. M. Umesan. M.A., B.L.I.Sc., PGDTV., I.T.I - Media Technician
8. Mr. V. Meenakshi Sundaram, Dip in E&TC., I.T.I, - Media Technician

# DEPARTMENT OF LIBRARY & INFORMATION SCIENCE

School of Media & Communication

The Department of Library and Information Science was started during the academic year 2007-08. The Department offers Master's Degree programme (M.Lib.I.Sc.) and a Ph.D. Degree Programme in Library and Information Science. In addition, an Add-on Course – Postgraduate Diploma in Library Automation and Networking (PGDLAN) is also offered in the evenings. M.Lib.I.Sc. course duration is of two years and comprises four semesters. Candidates who have passed any Bachelors Degree examination from a recognized university under 10+2+3 system and who have secured at least 50% marks in aggregate in Part III (main subjects) are eligible to apply for seeking admission to this course. In case of candidates belonging to SC/ST category, relaxation in the percentage of marks shall be given as per the University Guidelines issued from time to time.

## PROGRAMMES OF STUDY

**Ph.D.** (Library & Information Science)- Full-time and Part-time (Internal & External)
**M.Lib.I.Sc.** (Master of Library & Information Science) Full-time- two years degree
**PGDLAN** (Postgraduate Diploma in Library Automation and Networking)- Add-on Course- one year (evenings only)

## ENTRANCE EXAMINATION

**Ph.D.**
The admission to Ph.D. programme is based on the vacancies available with the eligible Research Guides and the field of specialisation in which a scholar intends to pursue research. The desirous candidates are required to take an entrance examination conducted by the University for Ph.D. admission. The written examination consists of 100 objective type questions based on BLIS and MLIS/ M.Lib.I.Sc. curriculum. A few questions from current affairs, language skills, etc. will also be included in the paper. For more information visit our university website at: http://www.pondiuni.edu.in/ admissions/eligibility.htm
**M.Lib.I.Sc.**
Candidates seeking admissions to the programme shall be required to appear for a 2-hour written examination conducted by the University during the last week of May or first week of June or on the date announced by the University. The written examination shall consist of 100 objective type questions to test mental ability, aptitude and general knowledge of the candidate consisting of questions from current topics of general interest, books, authors, libraries, information resources, reading habits and other related areas.
**PGDLAN**
No entrance examination. Any graduate with a minimum of 45% of marks would be eligible to apply.

## Ph.D.

The Ph.D. programme was started during the academic year 2010–2011 through different streams viz. Full-time and Part-time (Internal & External).

### MAJOR OBJECTIVES

- To demonstrate the scholars' competence to carry out independent and original research in the field of Library and Information Science.
- To produce scholars with advanced capabilities in librarianship in order to meet the challenges in the changing environment;
- To develop expertise and skills necessary to be an effective educator, researcher, faculty member, practitioner, etc.;
- To encourage creativity, analytical thinking, critical analysis, and innovative & information problem-solving techniques for the problems and constraints faced by the library professionals in the present age; and
- To disseminate the results of their research in a standard peer-reviewed academic publication.

## MASTER'S DEGREE IN LIBRARY AND INFORMATION SCIENCE (M.Lib.I.Sc.)

The M.Lib.I.Sc., a two-year integrated programme of 75 credits, is divided into four semesters including Internship in the third semester and a project in the final semester. The programme is equivalent to BLIS (one year) + MLIS (one year).

### MAJOR OBJECTIVES

- To impart high level skills and training necessary for those aspiring to hold higher positions in library and information centres within the country and abroad;
- To prepare the library and information professionals for the changing scenario;
- To familiarize with the basic concepts of information and its communication in society;
- To teach information processing techniques and develop capability in retrieving information efficiently by applying different search techniques;
- To acquaint with the activities and services of different information systems and introduce them to packaging and consolidation techniques;
- To introduce different methods and techniques of research;
- To sensitize and enable them to resolve the major issues associated with the development of new technology in the libraries and information centres;
- To impart ICT based skills using open source software in order to make them serve competently in an automated and networked environment; and
- To introduce modern tools and techniques to students to manage Libraries and Information Centres effectively.

## POSTGRADUATE DIPLOMA IN LIBRARY AUTOMATION AND NETWORKING (PGDLAN) – ADD-ON COURSE

The PGDLAN programme was launched during the academic year 2009–2010. The programme is of 20 credits and comprises Two Semesters. The classes are conducted in the evenings only between 5.30 p.m. and 7.30 p.m.

## MAJOR OBJECTIVES

- To imbibe knowledge and skills associated with ICT applications in Libraries and Information Centres;
- To understand the basic requirements of library automation and services provided by the libraries in an automated environment;
- To practically learn and well versed with the various activities of library house-keeping operations with the help of 'KOHA' - open source software for library automation.
- To acquaint themselves with the components of an information system and learn about how to design and develop an information system;
- To acquire knowledge and skills on networking and Internet technology;
- To develop skills with special reference to the information resources available on the Internet;
- To acquire web-based content development skills;
- To practically learn and well versed with the Digital Library open source software 'DSpace' and 'GSDL'; and
- To develop confidence in handling any kind of activities/ services in an automated library or information centre.

## INFRASTRUCTURE FACILITIES

The physical and academic infrastructure comprises centrally air-conditioned and well equipped classrooms with LCD Projectors and Public Address System, Computer Lab with internet facility and required hardware and software for teaching-learning, Wi-Fi facility in campus, access to e-books, e-journals and institutional repositories, subscription to national and international journals and magazines, latest books on library and information science, separate hostels on campus for girls and boys, etc. The Department also organizes several events like study tour, workshops, seminars, guest lectures by eminent academics from India and abroad, etc.

## PLACEMENT OPPORTUNITIES

M.Lib.I.Sc. programme is a professional degree. There is a great demand for the library professionals in the job market. M.L.I.S./M.Lib.I.Sc. postgraduates get placed as Librarians, Information Scientists, Knowledge Managers, Cataloguers, Indexers, Information Analysts, Reference Services Specialists, Consultants, etc. in traditional libraries & information centres and corporate sectors as well. Those who qualify UGC-NET examination can enter academics as an Assistant Professor or Assistant Librarian of a University or Librarian of a College. Those who qualify UGC-JRF can pursue research in the field of Library & Information Science with UGC fellowship. An added qualification of PGDLAN would place the student at a higher advantage in the job arena with the knowledge of automation and networking. Our recruiters include LIS Schools, all kinds of libraries and information centres, corporate companies like Tata Consultancy Services, Indian School of Business, etc.

### Programme Structure of M.Lib.I.Sc.

The curriculum structure of M.Lib.I.Sc. programme is given below:

### Theory

Library, Communication and Society, Reference and Information Sources, Knowledge Organisation, ICT for Information Management, Management of Libraries and Information Centres, Information Systems and Services, ILMS and Digital Libraries, Information Representation and Retrieval, Research Methods, Soft Skills, Knowledge Management, Electronic Resources Management.

The students need to select one or more elective subjects offered from second semester onwards. The elective subjects offered include Public Library System, Preservation and Conservation, School Library System, Technical Writing, Ontology, Web Technology, Marketing of Information Products & Services, Informetrics, E-Publishing and Intellectual Property Rights.

### Practicals

The practical courses of M.Lib.I.Sc. programme are: Information Technology Practice which includes KOHA, GSDL, Dspace and Drupal, Knowledge Organisation-I: Classification practice according to DDC, Ed.22, Knowledge Organisation – II: Cataloguing practice according to AACR-2.

### Project and Internship

The students are supposed to complete a project as part of the programme and should also undergo an internship for one month in a reputed library / information centre during summer vacation that falls between second and third semesters.

## FACULTY

### Professor

**Chennupati K. Ramaiah, Ph.D.** (Loughborough University, UK)
*Specialization:* ICT Applications in Library & Information Services, Multimedia, Hypertext, E-Learning, User Interfaces, Human-Computer Interaction, Web / E-Publishing, Archival Informatics, Healthcare Information, School Libraries

### Associate Professor

**R. Sevukan, Ph.D.** (Annamalai University)
*Specialization:* : Library Automation, Scientometrics, Academic Library System, Research Methods, Information Seeking Behaviour, ICT Applications in Libraries

### Assistant Professor & Head (i/c)

**Rekha Rani Varghese, Ph.D.**(University of Calicut)
*Specialization:* IT applications in Libraries, Institutional Repositories, Information Retrieval, User Studies

### Assistant Professors

**Mangkhollen Singson, Ph.D.** (North-Eastern Hill University)
*Specialization:* Marketing of Information Products, Knowledge Management, E-journals
**M.Leeladharan, Ph.D** (Pondicherry University)
*Specialization: Information Retrieval, Scientometrics, Knowledge Organization*

# SCHOOL OF ENGINEERING & TECHNOLOGY

## Dean: Prof. T. CHITHRALEKHA

### Department of Computer Science
### Department of Electronics Engineering
### Centre for Pollution Control and Environmental Engineering

Emerging trends in the field of Science and Technology calls for an environmentally sound system of growth and development in the entire planet. This school also maintains the academic units of both the University and its affiliated engineering colleges where in dozens of UG, PG and Ph.D. programmes are being offered with excellent infrastructure and facilities. There are more new centres to be added to this school of Engineering in the years to come and National facilities for R&D will be made available for wider participation and collaboration. Industries are always welcome to associate with these units for linkages and placements.

# DEPARTMENT OF COMPUTER SCIENCE

School of Engineering & Technology

The Department aims at imparting quality education in Computer Science & Engineering and Information Technology through various post-graduate programmes. It also offers an atmosphere conducive for research scholars for pursuing research in various advanced areas of Computer Science Engineering and Information Technology.

The faculty members are actively engaged in research and have number of patents and research publications. Recently, the department has been selected for establishing an ICMR funded Centre of Advanced Research and Excellence. The Department also has an ongoing Research Project funded by SPARC (Scheme for the Promotion of Academic and Research Collaboration), an initiative by MHRD, facilitating academic and research collaborations between top ranked Indian Institutions and globally ranked Foreign Institutions.

## PROGRAMMES OF STUDY

**M.Sc.** Computer Science (University Main Campus & Karaikal Campus)
**M.C.A.** (Two Years Programme)(University Main Campus & Karaikal Campus)
**M.Sc.** Computer Science (Five Year Integrated)
**M.Tech.** Computer Science & Engineering
**M.Tech.** Network & Information Security
**Ph.D.** Computer Science
(Full-time, Part-time (Internal & External))
**Ph.D.** Computer Science & Engineering
(Full-time, Part-time (Internal & External))

## ENTRANCE EXAMINATION

**M.Sc. Computer Science:** Admission to M.Sc. programme is based on the performance in the Entrance Examination. The entrance examination is of objective type. The question paper will consist of 100 questions which will be from Data Structures, Algorithms, Digital Logic, Computer Organization, Operating Systems, System Software, Software Engineering, Computer Networks, Web Technology, DBMS, Programming Languages (C & C++) and Recent Trends in Computer Science related domains.

**M.C.A.(Two Years Programme):** Admission to MCA course is based on the performance in the Entrance Examination. The entrance examination is of objective type. The question paper will consist of 80 questions from the topics of Logical Reasoning, Mathematical Aptitude and General awareness in Computer Science related domains, Programming Language(C) and 20 questions will be from English and test of reasoning.

**M.Tech. Computer Science & Engineering and M.Tech. Network & Information Security:** The admission to M.Tech. programmws (CSE & NIS) is based on the performance in the Entrance Examination. The entrance examination is of objective type. The question paper consists of 100 questions which will be from the subjects of Data Structures and Algorithms, Computer Architecture, Operating Systems and System Software, Microprocessors, DBMS, Networks, Web Technology, Compilers, Automata and Formal Languages, AI, Graphics, Software Engineering, Programming Languages (C, C++ and Java) and Recent Trends in Computer Science related domains.

**Ph.D.:** Admission to Ph.D. is based on the performance in Entrance Examination and Interview. The entrance examination is of objective type. The question paper consists of 100 questions which will be from the Computer Science subjects of Data Structures, Algorithms, Computer Architecture, Operating Systems and System Software and Microprocessors, DBMS, Networks, Web Technology, Compilers, Automata and Formal Languages, AI, Graphics, Software Engineering, Programming Languages (C, C++ and Java) and Recent Trends in Computer Science related domains.

## STUDENTS ACTIVITIES

The Computer Science students' association, PIXEL, provides opportunities to sharpen the skills of students by organizing lectures and students meet. The alumni of the department deliver lectures on latest topics periodically for updating the skill sets of the students.

#INCLUDE, the Students' programming club organises year long training programmes and programming events for the students of the University Departments.

## PLACEMENT

The Placement activities of the Department are taken care by a Placement Cell which comprises of student members and a Faculty Advisor. The Placement Cell organizes Campus recruitment programmes every year and takes pride in facilitating placement for the eligible students in Multi-National Companies and Banking Sector. The Department organises programmng and soft-skill training programmes to prepare the students for placements.

## INFRASTRUCTURE FACILITIES

The Department has a separate building, 2 seminar halls and ICT enabled classrooms. The Department is equipped with state-of-the-art programming labs, research labs, funded project labs and an IoT lab.

## FACULTY

### Professors

**R. Subramanian, Ph.D.** (IIT Delhi)
*Specialization:* Evolutionary Algorithms & Cloud Computing.

**T. Chithralekha, Ph.D.** (Pondicherry University)
*Specialization:* Cyber Security & Data Science.

## Professor & Head

**S. Siva Sathya, Ph.D.** (Pondichery University, Puducherry)
*Specialization:* Evolutionary Algorithms, Wireless Computing & Spatial Data Mining.

## Associate Professors

**S.K.V. Jayakumar, Ph.D.** (Pondicherry University, Puducherry)
*Specialization:* Web Services Computing, Cloud Computing & Data Science.
**K. Suresh Joseph, Ph.D.** (AnnaUniversity, Chennai)
*Specialization:* Operating Systems and Soft Computing.
**S. Ravi, Ph.D.** (M.S. University, Thirunelveli)
*Specialization:* Image Processing, Algorithms, Bio-Metric Systems, Operating System & Medical Imaging.
**M.Nandhini, Ph.D.** (Bharathiar University, Coimbatore)
*Specialization:* Artificial Intelligence, Software Engineering, Evolutionary Algorithms & Combinatorial Optimization.

## Assistant Professors

**R. P. Seenivasan, M.C.A., M.Phil.** (Madras University, Chennai)
*Specialization:* Software Engineering and Database Management Systems.
**K.Vijayanand, Ph.D.**
(Acharya Nagarjuna University, Andhra Pradesh)
*Specialization:* Natural Language Processing
**T. Sivakumar, Ph.D.** (Pondicherry University, Puducherry)
*Specialization:* Database Management Systems & Computer Networks.
**R. Sunitha, Ph.D.** (Pondicherry University, Puducherry)
*Specialization:* Theoretical Computer Science & Knowledge Engineering.
**Pothula Sujatha, Ph.D.** (Pondicherry University, Puducherry)
*Specialization:* Information Retrieval, Multilingual Systems & Database Technologies.
**M. Sathya, M.Tech.** (Pondicherry University, Puducherry)
*Specialization:* Software Engineering
**K.S. Kuppusamy, Ph.D**. (Pondicherry University, Pondicherry)
*Specialization:* Human Computer Interaction & Accessibility Computing.
**V. Uma, Ph.D.** (Pondicherry University, Puducherry)
*Specialization:* Artificial Intelligence, Data Mining, Machine Learning & Deep Learning.
**P. Shanthi Bala, Ph.D.** (Pondicherry University, Puducherry)
*Specialization:* Distributed Computing Systems, Knowledge Engineering and Computer Networks.
**T. Vengattaraman, Ph.D.** (Pondicherry University, Puducherry)
*Specialization:* Distributed Computing & Nature Inspired Algorithms.

# DEPARTMENT OF ELECTRONICS ENGINEERING

School of Engineering & Technology

The Department of Electronics Engineering is the first Engineering Department which has been established under the School of Engineering and Technology in the Academic Year 2010-11 during XI Plan. The prime aim of the Department is to impart quality research in the field of Electronics and Communication Engineering to meet the increasing demands of highly qualified technical personalities. The department offers two programmes namely, Master of Technology and Doctor of Philosophy in Electronics and Communication Engineering. To motivate the students towards conceptual realization and to mould the students to be the backbone of modern technologies in the field of Electronics and Communication Engineering is the vision and mission of the department, respectively.

## PROGRAMMES OF STUDY

**M.Tech.** (Electronics and Communication Engineering) (Duration: 2 years – Full Time)
**M.Tech.** (Communication and Information Systems) (Duration: 2 years – Full Time) (Self-financing mode)
**Ph.D.** (Electronics and Communication Engineering) (Full Time / Part Time)

## ENTRANCE EXAMINATION

**M.Tech. Programmes:**
Selection of students is based on the national level entrance examination conducted by Pondicherry University at various centers in the country. The entrance examination would comprise 100 Multiple Choice Questions from Engineering Mathematics, Engineering Physics and Electronics & Communication Engineering/ Information Technology subjects at the Under Graduate level .
**Ph.D.** (Electronics and Communication Engineering):
Admission to Ph.D. is based on the performance in the national level entrance examination conducted by Pondicherry University at various places across the country and interview. The entrance examination question paper would have 100 Multiple Choice Questions from prabability and stochastic process and all the major areas of Electronics and Communication Engineering at the Post Graduate level

## THRUST AREA OF RESEARCH WORK

- Antennas
- Digital Signal and Image Processing
- MEMS/NEMS
- Microwave and Millimetre-wave Engineering
- Network and Information Security
- Optical Communication and Devices
- VLSI Design
- Wireless Communication and Networks

## INFRASTRUCTURE FACILITIES

### Equipment Details

- Analog and Digital Communication Trainer kit
- Arbitrary Waveform Generator
- Digital Signal Processor Trainer kit
- DSO (200MHz and 500 MHz)
- Microcontroller based System Design Trainer kit
- Microstrip Antenna Trainer kit
- Mixed Signal Oscilloscope (1 GHz)
- Vector Network Analyzer (9 kHz - 3 GHz)
- Xilinx FPGA Trainer kit
- ARM Processor Kit
- Vector Network Analyzer(100kHz-8GHz)
- Spectrum Analyzer(100 kHz-8GHz)

## COMPUTER FACILITIES

In addition to the computing facility available at the University Computer Centre, Department of Electronics Engineering has separate computer laboratory with the following facilities:

- HP-Desktop Computers - 44 Nos.
- Tower Server - 1 No
- IE3D-Mentor Graphics - 3 Users
- MATLAB R2012B - 30 Users
- OrCAD PCB Suite - 30 Users
- Xilinx (VHDL/VERILOG) - 25 Users
- Qualnet - 1 User
- HFSS - 1 User
- NetSim - 10 Academic & 1 Standard users

## STUDENT ACTIVITIES

Students' technical association namely, Innovation Minds of Professional Association Creating Technologies (IMPACT) imparts a platform to bring together young minds from various institutions to share their innovative ideas and develop their technical and personal skills. It will supplement the students to explore their talents beyond the class room learning and keep abreast with upcoming technologies.

## RESEARCH ACTIVITES

The faculty members of the Department have received research grants from various funding agencies like AICTE, DST, MODROBS and UGC to carry out their research.

## PLACEMENT ACTIVITIES

The Department Placement activities are mentored by the University Placement Cell with student members and faculty coordinator from the department. Ample opportunities are provided to the eligible students through the Placement Cell to get better placement in companies/ industries.

## SCHOLARSHIP

Besides the University Fellowship, the research scholars are given fellowships like INSPIRE, UGC GATE, UGC-NET/JRF, MNAF, Vishvesvaraya Scholarship, RGNF, etc.

## FACULTY

### Associate Professor & Head

**R. Nakkeeran, Ph.D.** (Pondicherry University, Puducherry)
*Specialization:* Optical Communication, Wireless Communication, Antennas and Electromagnetics.

### Assistant Professors

**P. Samundiswary, Ph.D.** (Pondicherry University, Puducherry)
*Specialization:* Wireless Communications and Networks, Wireless Security, Computer Networks and Optical Communication.
**T. Shanmuganantham, Ph.D.** (National Institute of Technology, Tiruchirappalli)
*Specialization:* Antennas, Microwave and Millimeter- wave Engineering, MEMS/NEMS.
**K. Anusudha, Ph.D** (VIT University, Vellore)
*Specialization:* Digital Signal and Image Processing, Steganographic Techniques - Digital Watermarking and Forensic Image Analysis.

# CENTRE FOR POLLUTION CONTROL & ENVIRONMENTAL ENGINEERING

School of Engineering & Technology

Established in 1991, this Centre has developed a vigorous culture of applied environmental research, teaching, and industrial consultancy. Several dynamic PhDs and MTechs, trained in frontier research areas, in India and abroad, contribute to the pool of manpower expertise of the Centre; the laboratories/units manned by them provide the momentum for cutting edge R&D that strives to carve fresh niches and open new vistas. The effort has been peer-recognized in the form of major international and national prizes, election to the fellowship of premier academies/professional bodies, and nomination on the editorial boards of prestigious technical journals. The most recent of the honours include the National Design Award in Environmental Engineering (conferred by the Institution of Engineers), The Young Engineer Award, and the Suman Sharma Award for Outstanding Women Engineer; nomination to the Board of Governors of IITR and other premier institutions, and a succession of best paper awards received for pioneering research in eco-friendly process development.

The Centre has thus far published over 550 papers in high impact-factor international journals including Science, Critical Reviews in Environmental Science & Technology, Bioresources Technology, Journal of Hazardous Materials, Biochemical Engineering Journal, Environmental Modeling & Software, Applied Energy, Journal of Cleaner Production, Renewable and Sustainable Energy Reviews, Journal of Loss Prevention in Process industries, Trans IChemE (UK), Trans AIChE (USA), etc. The Centre has been granted four patents and it has also been providing expert advice to government departments, industry, and academia across the world. Several of the publications have become citation classics in the fields of Chemical and Environmental Engineering.

The Centre's efforts in innovative teaching and curriculum development have also resulted in the creation of 43 popular textbooks and reference books, published by Oxford University Press, Prentice-Hall, Orient Longman, Springer, Elsevier, Academic Press, etc. The quality of teaching has been ranked highly by the students and two of the faculty members have been awarded certificates of merit on Teacher's Day.

## INFRASTRUCTURAL FACILITIES

The UGC has specially funded a stand-alone building for the Centre. AICTE has instituted a Computer-Aided Environmental Management Unit besides providing special assistance for Environmental Biotechnology facilities. Numerous R&D projects have also added substantial laboratory and field equipment to the Centre's infrastructure. The facilities cover: geographical information systems (GIS), environmental monitoring and impact assessment, pollution control (especially with bioprocess engineering), risk assessment, computer aided environmental management, environmental biotechnology and computational fluid dynamics.

## R&D PROJECTS

The Centre has been supported by major sponsoring agencies such as DBT, DST, UGC, CSIR and MoWR.

## PROGRAMMES OF STUDY

**M.Tech.** Environmental Engineering & Management
**Ph.D.** Environmental Technology

These programmes are distinguished by their emphasis on all-round professional advancement of the students and exposure to the real-life problem environment.

Apart from making the students proficient in the concepts, the techniques, and the tools of applied environmental studies, these programmes also aim to develop their communication and managerial skills. As the Centre has, at any given time, several major R&D and industrial consultancy projects striving to solve contemporary environmental problems, the students also acquire a very good exposure to the real-life demands of the profession. As a result the students passing out from the Centre have risen fast up the career ladder in academia as well as industry, both in India and abroad.

## ENTRANCE EXAMINATION

**M.Tech.** (Environmental Engineering & Management)/ **Ph.D**. Envinonmental Technology: The entrance test will have 100 Multiple Choice Questions from Physics, Chemistry, Mathematics and Environmental Studies.

## PLACEMENTS

### Faculty Positions:

Candidates with Ph.D. from this centre are placed in highly ranked institutions like BITS Pilani, IIT Roorkee, The Memorial University of New Foundland, Canada, M.G. University, Kottayam, University of Petroleum and Energy Studies, Dehradun, etc. The Ph.D.s have also taken up leadership positions in IT and chemical industries.

### Industrial positions:

The Centre's M.Tech. holders find immediate employment in industries including CRL, CPCL, Coal India Limited and Hindustan Lever. They have also been preferred by Pollution Control Boards. Several have joined IITs, IFRI or premier universities in USA/UK for doctoral studies.

## FACULTY

### Assistant Professor & Centre Head(i/c)

**S. Gajalakshmi, Ph.D.** (Pondicherry University)
*Specialization:* Bioprocess Technology, Environmental Biotechnology, Solid Waste Management.

### Assistant Professors

**Tasneem Abbasi, Ph.D.** (Anna University)
*Specialization:* Water & Environmental Engineering, Process Safety, Process Modeling & Simulation.
**S. Sudalai, M.Tech..** (Pondicherry University)
*Specialization:* Environmental Engineering.

# MADANJEET SCHOOL OF GREEN ENERGY TECHNOLOGIES

Dean(i/c): Prof. K. THARANIKKARASU

## Department for Green Energy Technology
## Centre for Nanoscience and Technology

Most of the current energy demand is met by chemical sources of energy by means of chemical combustion. While the combustion of conventional fossil fuels such as coal, oil and natural gas, leads to serveral environmental issues-leading to global warming, the reserve for such fossil fuels are getting depleted day-by-day. To preserve the mother earth as well as to utilze renewable resources, the current energy technologies have to be upgraded to green and clean renewable resources. Any energy technology which involves the use of naturally replensihable sources such as sunlight, wind, tides, etc. are called green and clean energy technologies.

India has moved up to the second spot in 'Renewable energy country attractiveness index. Compared to the developed counties, the per capita energy comsumption in India is still very low, though the energy demand is in increasing trend. By the way, India is associated with wealth, inexhaustible energy resouces like sun, wind, ocean current and biomass, besides, roughly 12% of the world total hard coal reserves, the third largest in the world, though the deposits are generally of low quality.

India, under National Solar Mission, aimed to produce 100 GW from renewable sources by 2022. Resource augmentation and its use in energy technologies have not been kept in pace to match the increasing energy demand, leaving significant energy shortages in India. Besides solar, wind and biomass, there are quite a few other eco-friendly and renewable sources from which one can tap energy for varied applications. Some of them are chemical sources of energy, hydrogen energy, geothermal energy, alternate fuels for surface transportation. Besides, the energy generated from renewable sources, there is a huge demand for research in energy storage, distribution and management. Efficient energy storage devices like batteries should be made of materials which are lighter, long-lasting, rechargeable, durable, inexpensive and easy to make. Similarly distribution of energy from the point of production to the place of use should be efficient without loss and without causing harm to those who handle the devices. Developing Green Energy production, storage and distribution is the only alternative to meet the challenges of energy future.

Thus, there is an urgent need to carry out in-depth studies and conduct research in Green Energy Science and Technology as well as Nano-Materials Sciences and Technology at higher education level utilzing the expertise available in India and abroad. Also, the human resources in green energy technologies are indispensable to meet the growing renewable energy industries. In this context, the Madanjeet School of Green Energy Technolgies has been established with two composite units. namely Department of Green Energy Technology and Centre for Nanosciences and Technology.

Currently, the following active applied research works are being carried out in the School: Solar cells including dye-and quantum-dot-sensitized solar cells, solar thermal energy devices, bio-mass and bioenergy from wastes, fuel cells including solid oxide fuel cells, biofuel cells/microbial fuel cells, lithium- and sodium-ion batteries, supercapacitors including lithium-ion capacitors, hybrid energy -storage devices, biomaterials for environmental and health, thin film devices, etc. A significant work is being carried out using polymers and nanocomposite materials for energy conversion as well as storage.

The following PG and Research programs are being offered in the School:

M.Tech in Green Energy Technology
M.Tech in Nanoscience and Technology
Ph.D in Green Energy Technology
Ph.D in Nanoscience and Technology
PG Diploma in Green Energy Technology

Currently, 12 dynamic faculties are engaged in Technology and Research activities in the School. Both the Department of Green Energy Technology and Centre for Nanoscience and Technology are equipped with excellent Teaching and Research facilities.

# DEPARTMENT OF GREEN ENERGY TECHNOLOGY

Madanjeet School Of Green Energy Technologies

Established as Centre in 2010, under the aegis of Madanjeet School of Green Energy Technologies has been elevated to Department of Green Energy Technology in 2020, with a vision to promote education and research in environmentally clean methods of energy production, conservation and utilization. The department offers M. Tech. in Green Energy Technology which is partly supported by South Asia Foundation (SAF). The Ministry of New and Renewable Energy (MNRE) has recognized and approved the department as a Nodal Centre. The department also promotes research in the fields of all clean sources of energy production, conversion and utilization like solar photovoltaic, solar thermal, energy storage, fuel cells, bio-fuels, wind energy, ocean energy, chemical energy, applications of nanotechnology for energy conversion, etc. The department has well trained faculties to teach, offer consultancy and take up research work in many core areas of green energy technology. The department is involved in quality assurance testing in all fields of renewable energy. Establishment of MOUs with various alternate energy generating firms specializing in photovoltaic, solar-thermal has taken place. In addition, several MOUs with industries/academic institutions specializing in energy storage devices are in pipeline.

## PROGRAMMES OF STUDY

**M.Tech.** Green Energy Technology
**Ph.D.** Green Energy Technology
**P.G.Diploma** Green Energy Technology

## ENTRANCE EXAMINATION

**M.Tech.:** Admission to this course is done based on the marks secured in the All India entrance examination conducted by Pondicherry University. The meritorious candidate from the entrance exam will be eligible for 'SAF-Fellowship*. In addition, there are 15 number of MNRE fellowship available for GATE qualified students to do M.Tech GET.
*www.southasiafoundation.org
The entrance test will have 100 multiple choice questions from Mathematics, Physics, Chemistry, Materials Science Engineering, Bio-technology and Verbal & Non-verbal reasoning.

**Ph.D.:** MNRE - National National Renewable Energy Fellowship (JRF) for admitted students having GATE/CSIR qualification is available (maximum of 5 Fellowships). Being an interdisciplinary field, the entrance test will have 100 multiple choice questions from Green technology, Mathematics, Physics, Chemistry, Biology, Engineering fields and Verbal & Non-verbal reasoning.

**P.G. Diploma in Green Energy Technology**
DGET also offers one year UGC innovative programme sponsored PG Diploma in Green Energy Technology. The entrance test will have 100 multiple choice questions from Mathematics, Physics, Chemistry, Materials Science Engineering, Bio-technology and Verbal & Non-verbal reasoning.

## THRUST AREAS

The following are the thrust areas of our centre currently focussed.:

- Solar Thermal Energy Technology
- Solar Photovoltaic Technology
- Bio-energy Technology
- Energy Material Development
- Energy Conversion and Storage Technology
- Green Combustion Technology

## INFRASTRUCTURE

C-GET establishment is in pipeline with the state-of-art facilities and infrastructure. Currently, the center possess the following high-tech equipments in the laboratory:

- Class AAA 10 x 10 cm2 Solar Sun simulator with I-V characterization facility.
- Electrochemical workstation with impedance analysis unit for electro-nanofabrication and battery & Supercapacitor characterization
- Optical Pyranometer for solar irradiation measurement and analysis
- BET surface area analyzer
- Microwave Synthesizer
- C-5000 Bomb calorimeter for fuel characterization and analysis
- Spin coating unit
- Electrolysis unit for $H_2$ and $O_2$ production
- PEM fuel cell
- Spray deposition system
- Tubular Diffusion furnace
- High-temperature ovens
- Basic Molecular biology and biochemistry facility
- Ultrasonic bath
- -40° C Freezer
- Photoelectrochemical cell.
- Orsat Apparatus
- Solar thermal gadgets

The department is collaborating with the other departments in the University and nearby institutions for a wide accessibility of instrument and facilities.

## M.TECH PROGRAMME

The major subject areas covered in this program include alternate energy sources - energy generation, distribution, utilization, green nanotechnology, combusion technology, waste to energy, biofuels, etc. The course is aimed to train talented students in the area of renewable and clean energy technology and create scientifically and technologically skilled man power. This is program is designed for two years spread into four semesters. The course structure is framed with both hard core and softcore courses to substantiate both theoritical and along technical understanding of subjects with handful of experiences. In addition there will be some bridge courses. Most of the first semester courses will be on energy and modeling. In the second and third semester courses will be based on energy, environment, chemistry, management and other GET related fields. Students will select courses suiting background and interest. Each theory course will have a project component which will be either individual or group based.

## Ph.D. PROGRAMME

Department offers Ph.D. programme to carry out research and development in the field of Photovoltaics, Energy Materials, Energy Storage, Energy Devices, Fuel Cells, Green Chemistry, Bio Energy, Technology development in the field of Solar Concentrators and other Solar Thermal Devices and Hybrid Clean Energy Systems. Currently, admission to part time (Internal & External) PhD is not entertained in the department. Only regular PhD programme is offered.

## PG DIPLOMA IN GREEN ENERGY TECHNOLOGY

It comprised of two semester course. First semester course work and laboratory practice where students are taught on Photovoltaic, Solar Thermal, Wind and Bio energy systems. It also has scope to expertise in other related topic by means of additional softcore courses. Second semester is full time dissertation project in industry/ academic institution.
This concise Renewable Energy programme is well suited for developing entrepreneurial skills and industrial job orientation

## RESEARCH PROJECTS

Ministry of New Renewable Energy (MNRE-NREF), Innovative programme of University Grants Commission and South Asia Foundation (SAF) has been supporting the teaching and research activities of the department. In addition, individual faculty members have projects that are supported by MHRD-SPARC, DST-MECSP, SERB, MNRE, DST, CSIR and UGC.

## PLACEMENTS

M.Tech. Graduates in Green Technology gain employment in emerging clean and renewable energy sectors where national and multinational industries are focusing their business activities on alternate energy production and usage.

## FACULTY

### Professor & Head

**P. Elumalai, Ph.D.** (Indian Institute of Science, Bangalore)
Specialization: Batteries (Li, Na, K-ion & air), Supercapacitors, Supercaptteries, Fuel cells and Automotive Sensors.

### Professor

**B. Mohammed Jaffar Ali, Ph.D.**(Indian Institute of Science, Bangalore)
*Specialization:* Nanobiotechnology, Photocatalysis, Biophotonics, Biofuels, Biosensors and Systems biology.

### Associate Professor

**P. Thilakan, Ph.D.** (Anna University, Chennai)
*Specialization:* Semiconductor nanostructures: growth, device fabrication and characterizations; solar cell materials and device fabrication, solar photovoltaic power plant design and development.

### Assistant Professors

**R. Arun Prasath, Ph.D.** (Anna University, Chennai)
*Specialization:* Energy materials and Sustainable Developments: Solar and Catalytic Hybrid Materials
**Prasanth Ravindran, Ph.D.**
(Eindhoven University of Technology, The Netherlands)
*Specialization:* Nanotechnology/Photonics: Developing nanomaterials for optimizing light absorption, reflection conduction and carried separation insolar cells
**A. Sreekumar, Ph.D.** (Cochin University of Science and Technology, Kochi)
*Specialization:* Solar Thermal Energy Devices, Solar Cooling and Thermal Energy Storage.

# CENTRE FOR NANOSCIENCE AND TECHNOLOGY

Madanjeet School Of Green Energy Technologies

The Centre for Nanoscience and Technology was established in the year 2010 and it works in synergy with the other Science and Engineering Departments of the University. The Centre offers M.Tech. program in Nanoscience and Technology and Ph.D program in Nanoscience and Technology. All the faculty members possess a high research profile with the ability to conduct research in the emerging areas of Nanoscience and Technology. The faculty members of the Centre have published more than 400 research articles in the International Journals and also taken more than 20 patents. The Centre has undertaken many funded research projects for more than Rs.8 Crores from various funding agencies like DST-SERB, DST-MES, DST-CERI, DST-NM, CSIR, UGC, UGC-DAE, DRDO, ICMR and AICTE. The Centre is proud of its Alumni spreaded over in various spheres of learning and research both in National and International Institutions.

## PROGRAMMES OF STUDY

**M.Tech.** Nanoscience and Technology
**Ph.D.** Nanoscience and Technology

## ENTRANCE EXAMINATION

**M.Tech.:** The admission is based on a National level entrance examination conducted by Pondicherry University and the question paper consists of 100 multiple choice questions covering equally the basic Sciences (Mathematics/ Physics/ Chemistry/ Biotechnology/Materials Science & Engg.) at undergraduate level.

**Ph.D.:** The admission is based on a National level entrance examination (70% weightage) and interview (30% weightage) conducted by Pondicherry University and the question paper consists of 100 multiple choice questions covering equally the subjects of Mathematics, Physics, Chemistry, Biotechnology, Materials Science & Engg., at undergraduate and post graduate levels. The candidates who qualified CSIR-UGC JRF/SRF are exempted from writing the University entrance examination for the admission of Ph.D program.

## THRUST AREAS OF TEACHING

The thrust areas of teaching are:

- Physics and Chemistry of Nanostructure Materials
- Nanostructure materials for Clean Energy Systems like Fuel cells, Solar cells, Batteries and Supercapcitors.
- Solar Photovoltaics - DSSCs, QDSSCs & PSCs
- Bio-Materials
- Wound Healing Materials
- Scaffold for Tissue Engineering
- 2D-Materials: Graphene
- Metal, and Metal oxide hetero-structures.
- Surface and Interface study of 2D materials
- Nano-Biotechnology
- Polymers and Nano Composites
- Computer Modeling & Simulation
- Nano Structure Fabrication and Devices
- Surface Engineering
- Nano-Electronics
- Nano-Photonics
- Nano–Magnetism
- High k-Materials
- Gas Sensors & Bio-Sensors
- Nano-Filters/Membranes
- Nano-Catalysts
- *Nano-Magnetic Materials
- *Nano-Coatings

## INFRASTRUCTURE FACILITIES

The Centre has equipped laboratories and instrumentation facility for teaching and research in Nanoscience and Technology. The instrumentation facility includes High end computing cluster with 26 computer systems for modeling and simulation studies, X-ray diffractometer, Nano-indenter, Electrochemical workstation with AC-impedance analyzer, E-beam and thermal evaporation coating units, UV-Visible spectrometer, Spectrofluorometer, Solar simulator with J-V measurement system, Ultrasonic-homogenizer, High speed centrifuge, Water purifier, Quartz double distillation unit, Electrospinning unit, Ball milling, Glove box, Air oven, Digital electronic balance, Precision Spin & Dip coating units, High temperature tubular and Muffle furnaces, LCZ meter, etc. Further, some more major equipment are available in the Central Instrumentation Facility (CIF) of the University.

## RESEARCH ACTIVITIES

The faculty members have received research funds of more than Rs. 8~ Crores from various funding agencies such as DST-SERB, DST-MES, DST-CERI, DST – TSG DST-NM, CSIR, UGC, UGC-DAE, DRDO, ICMR, AICTE, etc. In addition, the University has granted Rs. 5.0 Crores for the development of the Centre.

## FACULTY

### Professor & Centre Head

**A. Vadivel Murugan, Ph.D.** (University of Pune & CSIR National Chemical Laboratory, Pune), PDF from the University of Texas at Austin , Texas, USA

*Specialization:* Chemistry of Materials, Novel Synthesis, Structure – Properties - Performance Relationship of Nano-structured Functional Materials for Clean Energy Conversion Storage, Conducting Polymer based Organic-Inorganic Nanohybrids, Dye Sensitized, Pervoskite and Thin Film Solar Cells, Lithium , Sodium-ion Batteries, Supercapacitors, Electrocatalyst for Fuel Cells and Nano-biotechnology and bio-imaging.

### Professor

**A. Subramania, Ph.D.** (Alagappa University & CSIR-Central Electrochemical Research Institute, Karaikudi)

*Specialization:* Li-ion Batteries, Na-ion Batteries, Supercapacitors, IT-SOFC, DSSC, QDSSC, Gas Sensors, Metal Matrix Nanocomposites, Nano-Filters/Membranes for Water Purification, Functional Nanocoatings, Electrospun Membranes for Wound Healing, Shelf-Life Improvement of Fruits & Vegetables, Anti-Corrosive Packaging Materials for Metals.

## Assistant Professors

**K. Suresh Babu, Ph.D.** (Indian Institute of Technology Madras, Chennai)
*Specialization:* Surface Engineering, Materials for fuel cells, Catalysis and High temperature oxidation protection, Bio-nano interactions

**P. Thangadurai, Ph.D.** (University of Madras, Chennai)
*Specialization:* Nanostructures of semiconducting & ceramic oxides, Ionic conductors, High k-materials, Metal ceramic composites, Thin films, Transmission electron microscopy of bulk & nanostructured materials, MOS devices, Optical materials.

**S. Kannan, Ph.D.** (University of Madras, Chennai)
*Specialization:* Synthesis, structural characterization and in vitro evaluation of biomaterials, Ceramic/metal nanocomposites, Fabrication of scaffolds for tissue Engineering applications

**DST-Inspire Faculty:**
**Dr. K. Vijayarangamuthu, Ph.D.** (University of Delhi, New Delhi)
*Specialization:* 2D-Materials: Graphene, MoS2, Black Phosphors. 2D-Materials, Metal, and Metal oxide hetero-structures. Surface and Interface study of 2D materials. Chemical Sensor and Bio-sensors

# SCHOOL OF LAW

## Dean(i/c): Prof. Mohanan Bhaskaran Pillai

The School of Law focuses on quality teaching and research in law through the On-Campus One year Master of Law (LLM) programme commenced from 2014–2015 academic year. At present, courses relating to three specializations viz. 1. Corporate and Securities Laws 2. Intellectual Property Laws and 3. International Commercial Laws are offered on Choice Based Credit System subject to availability of faculty.

## INFRA STRUCTURE:

The School of Law is housed in the spacious DDE building on the second floor. The School has necessary infrastructure to facilitate the teaching learning activities.

## ICT FACILITIES

The School has about 15 computers with WiFi facilities.

### PROGRAMMES OF STUDY

**LLM (Corporate and Securities Laws)**
**LLM (Intellectual Property Laws)**
**LLM (International Commercial Laws)**
**P.G. Diploma in** Criminology & Forensic Science
**P.G. Diploma in** Intellectual Property Rights

### ENTRANCE EXAMINATION

**LL.M:** The Entrance Examination will consist of 100 Multiple Choice Questions covering - English and Communication-20% and Relevant Subjects - 80%. Out of 80%: Constitution of India-30%, Jurispruidence-20%, Contract-10%, International Law & Human Right-10%, Transfer of Property Law & Intellectual Property Law-5% and Company Law-5%.

**PG Diploma in Criminology and Forensic Science:** The Entrance Examination will consist of 100 Multiple Choice Questions covering - English and Communication-20% and Relevant Subjects - 80%. Out of 80%: Constitution of India- 35%, IPC-15%, Criminology-10%, Juvenile Laws-5%, Forensic Science-5%, CrPC-5% and Evidence- 5%.

**PG Diploma in Intellectual Property Rights:** The Entrance Examination will consist of 100 Multiple Choice Questions covering - English and Communication-20% and Relevant Subjects - 80%. Out of 80%: Constitution of India-20%, Property Laws-10%, Laws relating to IPR(Basic concepts)-30%, Current Affairs-20%.

## SELECTION PROCESS

The selection will be based on the National Level Admissions Test, Group Discussion Presentation and Personal Interview as per the details below:

Stage-I: Admission Test for 100 Marks, as mandated by the UGC:

| S.No | Component | Remarks | Weightage given for short listing |
|---|---|---|---|
| 1. | Written test; objective type ONLY (Mandatory) | Total 100 questions, without any choice. Each question carries 4 marks when answered correctly. Deduction of 1 mark for each wrongly answered question is applicable. | Marks scored out of 400 will be converted to 70 marks |
| 2. | Statement of Purpose (SoP) (Mandatory) | In not more than 500 words in candidates own hand writing – written in English only – shall be sent in hard copy to the Coordinator. Candidates are required to quote the details of online application without fail. | 10 marks |
| 3. | Publications, if any | Self attested photocopies of relevant proof shall be attached along with the SoP. Relevant original proof shall be produced at the time of Stage II evaluation. Award of marks: National level-1 mark per publication and international level-2 marks per publication, subject to a maximum of 10 marks. | 10 marks |
| 4 | Work experience, if any | Self attested photocopies of relevant proof shall be attached. Relevant original proof shall be produced at the time of Stage II evaluation. Award of marks: National level-1 mark per completed year and international level-2 marks per completed year, subject to a maximum of 10 marks. | 10 marks |
| | | **Total** | 100 marks |

Based on the marks scored in the above refered to admission test candidates shall be shortlisted for stage II.

Stage II: Group Discussion, Presentation and Personal Interview (As per the resolution passed by the Special Board of Studies of the School of Law in its 3rd meeting dated 25.04.2015 vide Agenda Item no:2015.03.13):

| S.No | Component | Remarks | Marks |
|---|---|---|---|
| 1. | Group Discussion | Topic for discussion will be given 15 minutes before the commencement of Group Discussion | 10 |
| 2. | Presentation | On a topic of the candidate's choice, for not more than 10 minutes duration. Using power point slides in presentation is NOT mandatory | 10 |
| 3. | Personal Interview | The interview will focus on general awareness, apitude, etc | 10 |
| | | Total | 30 |

**Criteria for Preparation of Final Merit list:**

| S.No | Component | Marks | Remarks |
|---|---|---|---|
| 1. | Stage I- Admission Test | 70 | Marks scored out of 100 will be converted to 70 marks |
| 2. | Stage II- Group Discussion, Presentation and Personal Interview | 30 | - |
| | Grand Total (Stage I + Stage II) | 100 | - |

## ABOUT THE LLM PROGRAMME IN SOL

LLM programme is of one year duration divided into 3 trimesters. The students shall undergo rigorous training in six compulsory and six optional courses. They are required to write a dissertation in the third trimester, which shall be of publishable quality. In addition, the candidates shall intern for at least 21 working days during the course of the study.

Candidates seeking admission to LLM, if enrolled as advocate, are required to **suspend their practice** during the course of the study.

The school follows Choice Based Credit System. In addition to the compulsory courses, the School also offers optional courses on specialised areas of study relevant to one's specialisation. Students may visit the University website for more information and updates.

## P.G. DIPLOMA IN CRIMINOLOGY AND FORENSIC SCIENCE

The main objective of this course is to impart knowledge about concept of crime and its impact on the society, the behavioural aspects of crime, law relating to crime and the scientific collection and analysis of evidences at the scene of crime to establish a theory of crime.

This course would cover the following subjects:

1. Criminology
2. Penology
3. Criminal Jurisprudence
4. Forensic Science

## P.G. DIPLOMA IN INTELLECTUAL PROPERTY RIGHTS

Intellectual Property is an important and an effective policy instrument relevant to a wide range of socio-economic, technological and political concerns and IP education is promoted by the policy makers. In order to cater to the needs of the stakeholders of knowledge economy the PG Diploma in Intellectual Property Rights is designed for those interested in pursuing a career in IPR, which opens opportunities in the fields of IP Analysts, IP Attorneys, IP Consultants, IP Managers and the like.

## FACULTY

Currently the School has the following faculty:

**Dr. G. Subhalakshmi, Ph.D**(Pondicherry University)
*Specialization:* Research Methodology & Legal writing, Labour & Administrative Laws, Contract Laws, Constitutional Law, Comparative Constitution, Intellectual Property Laws, Competition Law.

**Mrs. B. Sujatha, LL.M** (Pondicherry University), UGC- NET in Law
*Specialization:* International Law, Constitutional & Human Rights Law, Comparative Constitution, Contract Laws, Jurisprudence and Public Laws, Banking Laws, Intellectual Property Laws.

**Mrs. S. Chemmalar, LL.M** (Pondicherry University), UGC- NET in Law
*Specialization:* International law, Constitutional & Human Rights Law, Contract Laws, Criminology and Criminal Laws.

## VISITING FACULTY

**Prof. Shiju M.V., LLM (CUSAT , Kochi)., M.Phil. (JNU, New Delhi)**
Fellow, The Energy Research Institute University, New Delhi.
*Specialization:* Environmental Law, Regulatory and Competition Law, and Infrastructural Law.
P**rof. A.K. Das**
Dean & Secretary, Faculty of Law, University of Calcutta, Kolkatta-700 019.
**S. Badrinath, LLM (NUJS , Kolkata)**
Executive (Legal), BHEL, Ranipet, Tamil Nadu
**A.K. Rajaraman, LLM (Intellectual Property Rights) (CUSAT , Kochi)**
Advocate, High Court of Madras, Chennai
**Madhavi Nalluri, LLM (Commercial Laws)** (The University of Cambridge)
Advocate, High Court of Bombay, Mumbai.

## EMINENT VISITORS AND PROFESSORS WHO DELIVERED SPECIAL LECTURES IN THE PAST (INCLUSIVE LIST):

**Justice (Retd.) David Annousamy,**
Judge (Retd.), High Court of Madras, Chennai
**Padma Shri Prof N R Madhava Menon,**
Chancellor, National University of Educational Planning and Administration, New Delhi and Chancellor, Guru Ghasidas University, Bilaspur, Chattisgargh.
IBA-CLE Chair Professor, NLSIU, Bengaluru and Former Vice Chancellor, NLSIU, Bengaluru and NUJS, Kolkata
**Prof N L Mitra**
Senior Partner, Fox Mandal Little, Bengaluru and Former Vice Chancellor, NLSIU, Bengaluru and NLU, Jodhpur
**Prof A Lakshminath**
Chancellor, DSNLU, Vishakapatnam and
Vice Chancellor, CNLU, Patna
**Prof. Tamma Suryanarayana Sastry,**
Professor, Department of Law, Savitribai Phule Pune University, Pune
**Isabella Micali**
Senior Council, Legal Vice-Presidency, The World Bank and Member of Scientific Board of OIB
**Justice(Retd.) K. Chandru**
Former Judge, Madras High Court, Chennai
**Mr. Rajiv Ranjan, IPS**
Senior Superintendent of Police, Govt. of Puducherry
**Mrs. V. Sofana Devi**
District Judge & Member Secretary, UTPLSA, Puducherry
**Mr. Rakesh Bhanot**
Advisor, Competition Commission of India, New Delhi.
**Prof. A.David Ambrose**
Prof & Head, Dean (Legal Affairs)
Department of Legal Studies,University of Madras.
**Prof. Bismi Gopalakrishnan**
Prof & Head, School of Indian Legal Thought,
MG University, Kerala.
**Prof. Soundara Pandian**
Principal, Andaman Law College, Port Blair.
**Mr.R.Subramanian**
Advocate, High Court of Madras, Chennai.
Also, under the XII Plan, the University Grants Commission has sanctioned a total of 7 regular positions(1 Professor, 2 Associate Professors and 4 Assistant Professors) exclusively to the School of Law. The recruitment for all those positions is under progress.

## FOR FURTHER INFORMATION CONTACT

**Prof. Mohanan Bhaskaran Pillai**
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Phone No:(+91) (0)413-2654910/11

# KARAIKAL CAMPUS

The Karaikal campus of Pondicherry University was formally inaugurated on 12th October, 2007 with admissions made into three courses M.B.A(Insurance Management), M.C.A., and M.Com (Business Finance). At present, four Post Graduate courses are being offered at the campus with the starting of M.Sc (Computer Science) from the academic year 2013-14. The Centre has moved to its own campus during June, 2012 in the heart of Karaikal town. During the academic year 2009-10, sixteen teaching staff were appointed on regular basis and the Campus started offering doctoral programmes also since then onwards. Spacious class rooms and computer laboratories are available in the campus for the effective functioning of the Departments. The Centre has two hostels for Boys and one hostel for girls. Transport facility for movement of the day students is arranged by the University as per the existing norms.

## DEVELOPMENT OF INFRASTRUCTURE

In the campus there are three computer laboratories. The campus is enabled with limited WiFi facility. The campus has high tension electricity connection with a backup generator. It is also a plastic free campus with lush green surroundings. Students are also provided with sports facilities to play Volley ball, Table Tennis, Badminton, etc.,

## CO-CURRICULAR AND EXTRACURRICULAR ACTIVITIES

The campus provides opportunities for the students to develop their co-curricular and extracurricular talents. One full unit of NSS is functioning in the campus from the year 2016. Through this NSS unit various social service and capacity building programmes are organized. The students are made to contribute towards the National building by involving themselves in Swachh Bharat initiatives in Karaikal.

The Campus organizes free coaching classes for the aspirants of UGC – NET examinations. In addition to these programmes, Freshers' Day, Women's Day are being conducted in the Campus. The student's council election is also conducted every year to elect representatives for the campus.

### PROGRAMMES OF STUDY

**DEPARTMENT OF COMMERCE**

1. M.Com (Business Finance)
2. Ph.D Commerce - Full Time & Part- Time.

**DEPARTMENT OF COMPUTER SCIENCE**

1. M.Sc. (Computer Science)
2. M.C.A.(TWO YEARS PROGRAMME)
3. Ph.D Computer Science - Full Time & Part- Time

**DEPARTMENT OF MANAGEMENT**

1. MBA (Insurance Manangement)
2. Ph.D (Management) - Full Time & Part- Time

## SPORTS ACTIVITIES AND ACHIEVEMENTS

The campus conducts an interdepartmental Sports Meet UNISPOFEST every year and the students from Karaikal Campus have been participating in the intercollegiate tournaments held at Pondicherry campus. The students have excelled in several national level competitions and IT and Management meets and are active in publishing papers in journals.

# DEPARTMENT OF MANAGEMENT (KARAIKAL CAMPUS)

School of Management

The Department of Management Studies was started at Karaikal Campus in the academic year 2009-10. The Department offers M.B.A. in Insurance Management and Ph.D. in Management. The M.B.A. programme in Insurance Management was initiated by Pondicherry University ascertaining, firstly, the escalating need for sectoral MBA programmes from stakeholder side and secondly, prosperous growth of insurance sector after liberalisation of the sector in India in 2000.
With a commitment to the promotion of knowledge and development of youth, the Department pursues the following goals:

- To develop the department as a Centre of Knowledge in the insurance field.
- To promote research in the insurance industry through research programmes, seminars, workshops, etc.
- To strengthen industry-institute interface through association, consultancy and participation in skill development programmes.

## PROGRAMMES OF STUDY

**M.B.A.** (Insurance Management)
**Ph.D.** Management

## ENTRANCE EXAMINATION

The Entrance Test for MBA(Insurance Management) Programme will be conducted by University consisting of questions in the following areas.

| | | |
|---|---|---|
| Section A- | English Comprehension | 20 Marks |
| Section B- | Quantitive Aptitude | 20 Marks |
| Section C- | Logical Reasoning | 20 Marks |
| Section D- | Data Interpretation | 20 Marks |
| Section E- | General Awareness | 20 Marks |

The candidates need to submit separate application for MBA (Insurance Management) programme and the selection will be by University as per norms of merit and statutory reservations/general counselling.

**Ph.D. in Management in DoM (Karaikal Campus)**: The entrance examination for Ph.D. Programme consists of 100 multiple choice questions covering the functional areas of Management, Information Systems, Operations Research and Research Methodology.

## THRUST AREAS OF RESEARCH

1. Marketing
2. Finance
3. Human Resources Management
4. Supply Chain Management
5. Management Information Systems
6. Insurance Management
7. Insurance & Actuarial Sciences
8. Healthcare Management

The Department has an excellent research output in terms of Ph.D. awards, research publications, research grants from UGC and ICSSR and in getting Post-Doctoral Fellowships abroad. The faculty of the Department have published research articles in internationally reputed journals from Emerald Insight, Sage Publications, etc., in various functional disciplines of management and published books with reputed publishers like Pearson Education, Prentice Hall of India, Lambert Academic Publishing, Himalaya Publications, etc

## HIGHLIGHTS OF THE CURRICULUM

**M.B.A.(INSURANCE MANAGEMENT)** (2 Year full-time programme under regular mode)
The course curriculum of MBA (Insurance Management) consists of various sub-disciplines of insurance in addition to functional areas of management. The Department encourages and facilitates students to appear for the professional certificate examinations related to insurance sector conducted by Insurance Regulatory Development Authority of India (IRDAI), Insurance Institute of India (III), Chartered Insurance Institute (CII, UK), Life Office Management Association (LOMA, USA), Life Insurance Marketing and Research Association (LIMRA, USA), etc.

## INFRASTRUCTURE FACILITIES

- Well equipped library with good number of books and journals related to various disciplines of management and insurance.

- Centralized computer lab with internet facility.
- E-Resource Centre with online books and journals
- Remote accessing facility of all library resources from Central Library of Pondicherry University main campus.
- Separate hostels for boys, girls and research scholars.

## PLACEMENTS

Leading Companies in insurance sector and all leading insurance verticals of consultancy firms visit the department for recruiting students for find placement and internships. The Department has been achieving 100% Students placement every year in life insurance, general insurance, consultancy firms, banks and insurance broking firms.

## ALUMNI ASSOCIATION

Department has formalised an Alumni Association in which all the students are life members with elected office bearers. Alumni Meet is organised in December every year. The alumni placed in the industry have been a great source of strength in building and strengthening strong Institute-Industry network. Alumni Association is planning to create an Endowment Fund to assist the students from economically weaker sections of the Department.

## FACULTY

### Professor

**Lalitha Ramakrishnan, Ph.D.** *
(Sri Venkateswara University, Tirupati)
Specialization: Marketing Management, Strategic Management.

### Professor & Head

**S. A. Senthil Kumar, Ph.D. PDF (USA)**
(Bharathiar University, Coimbatore)
Specialization: Insurance Management, Health Insurance, Human Resource Management and Healthcare Management.

### Associate Professor

**M. Dharmalingam, Ph.D.**
(University of Madras, Chennai)
Specialization: Quantitative Finance, Actuarial Science, Econometrics, Data Mining and Supply Chain Management.

### Assistant Professors

**D.H. Malini, Ph.D., FDP(IIMA)**
(Sri Krishnadevaraya University, Anantapur)
Specialization: Marketing Management, Risk Management & Insurance and Financial Services.

**Byram Anand, Ph.D.**
(Kakatiya University, Warangal)
Specialization: Insurance Law, Green Marketing, E-commerce, Services Marketing, Operations Management, Business Environment and Entrepreneurship.

**C. Madhavaiah, Ph.D.**
(Sri Venkateswara University, Tirupati)
Marketing Management, Management Information Systems, E-Marketing, Brand Marketing, Sales and Distribution Management and Digital Insurance.

* Temporarily transferred to Department of International Business, Pondicherry University.

# DEPARTMENT OF COMMERCE (KARAIKAL CAMPUS)

School of Management

The Department of Commerce, Karaikal Campus, Pondicherry University was established in 2007-08 at Karaikal to cater to the needs of the Karaikal region of Pondicherry Union Territory, as Karaikal is poised to become a trade centre with a port. It attracts students from different parts of India including Tamil Nadu, Kerala, Andhra Pradesh, Odisha, North Eastern States and the like. The Department offers Master in Commerce in Business Finance and Doctor of Philosophy in Commerce (Full Time and Part time).
The mission of the Department is to cater to the needs of corporate and public services, by inculcating conceptual and practical knowledge in the area of Commerce and to undertake research activities with social relevance, independent projects and consultancy services.
Lectures, Interactive sessions, case analysis, group discussions on contemporary themes, internship training & project work, career guidance & counselling, application of ICT, facilitating students' participation in academic activities of universities and other institutions and guidance for UGC NET/SET aspirants are the other features of the department. The Department also has various students' clubs such as Entrepreneurship Development Club, Business Quiz Club, Green Initiatives Club, to nurture the innate talents of the students so as to make them dexterous in business decision making and responsible corporate citizens of the country.

## PROGRAMMES OF STUDY

**M.Com** (Business Finance)
**Ph.D.** (Commerce)

## ENTRANCE EXAMINATION

Admission for M.Com (Business Finance) programme will be based on the combined entrance examination conducted by the university for Puducherry and Karaikal Campuses.

## INFRASTRUCTURE FACILITIES

The Department has modernized infrastructure needed for the present day teaching and research. It is bestowed with a well stacked library in the campus having adequate number of text and reference books in Finance, Accounting and other business management disciplines. For the computational facility the students and the scholars are bequeathed with a Computer lab having internet facility. For teaching, well-furnished class rooms with LCD projectors and internet connections are made available. The Centre is also facilitated with separate hostels for boys and girls, serving the needs of the students and scholars.

## PLACEMENT ASSISTANCE

Commerce students from this Campus are employed in various leading Corporate Sectors as well as in various National Educational Institutions. Department would facilitate placement activities to bring Corporate Sectors for recruiting students

## FACULTY

### Professor & Head

**S. Amilan Ph.D.** (Alagappa University, Karaikudi)
Specialization: International Finance, Portfolio Management & Quantitative Techniques.

### Assistant Professors

**V. Arulmurugan, Ph.D.** (University of Madras, Chennai)
Specialization: Banking, International Business, E-Commerce, Logistics, Commerce Science, Entrepreneurship, Business Research & Analytics.

# DEPARTMENT OF COMPUTER SCIENCE(KARAIKAL CAMPUS)

School of Engineering & Technology

The Department of Computer Science, Karaikal Campus offers two Post Graduate programmes, Master of Computer Applications (MCA) and two years Master of Science ( M.Sc). Also the department offers Ph.D program in Computer Science & Engineering both in full time and in part time modes. The Department aims in imparting quality education by providing a captivating atmosphere for students.

## PROGRAMMES OF STUDY

**M.C.A.(2 Years)** Computer Applications
**M.Sc. (2 Years)** Computer Science
**Ph.D.** Computer Science & Engineering

## ENTRANCE EXAMINATION

**M.Sc. Computer Science:** Admission to M.Sc. program is based on the performance in the Entrance Examination. The entrance examination is of objective type. The question paper will consist of questions in general arithmetic and Data Structures and Algorithms, Digital Logic and Computer Organization, Operating Systems, System Software, Microprocessors, SAD, DBMS, Automata, Programming Languages (C & C++) and Recent Trends in Computer Science related domains.

**M.C.A. TWO YEARS PROGRMME:** Admission to M.C.A. program is based on the performance in the Entrance Examination. The entrance examination is of objective type. The question paper will consist of questions from the topics of Comprehension and Verbal Ability, Analytical Ability, Logical Reasoning, Mathematical Aptitude and General Awareness in Computer Science related domains.

**Ph.D.:** Admissions to Ph.D. is based on the performance in the Entrance Examination. The Entrance Examination consists of objective type questions from all the major areas of Computer Science discipline.

## INFRASTRUCTURE FACILITIES

The Department has well equipped advanced programming laboratories for all programs separately with high end systems

Airy and spacious class rooms, equipped seminar hall and library facilities cater the essential needs of the students.

## STUDENT ACTIVITIES

The Department encourages the convergence of industry professions and academicians of high reputation to inculcate their experiences and work style to mentor the students to be competitive.

By way of organizing symposiums, workshops, conferences and special lectures and training, the students are groomed to shine to the global standards.

## ALUMNI ASSOCIATION

The Department is conducting Alumni Meet every year by the name SYNERGEE. The alumni placed in the company are helping the students for getting projects and careers.

## RESEARCH

The Department is a research department offering Ph.D. in Computer Science and Engineering both in Full-Time/ Part-Time mode. Separate work spaces are provided for the research scholars and scholars are working in areas of Cloud Computing, Data Science Research, Data Mining and Machine Learning.

## PLACEMENTS

The Department is committed in assisting the students to get placement in reputed companies with the earnest support of the Placement Cell of the University. Our students prove their pride of acquaintance by being hired in MNCs like IBM, HCL, Wipro, Infosys, TCS, Aricent, HP, ITC, CTS, Honeywell, Patni Computers, iGate, iFlex, Sysbiz, Go Digit, Mindfire, Verizon, Alacriti etc.

## FACULTY

### Associate Professor

**S. Bhuvaneswari, Ph.D. (on EOL)** (Bharathidasan University)
*Specialization:* Computational, Intelligence, Artificial Intelligence, Business Intelligence, Information Systems, Knowledge and Application Mining, Hybrid Information Systems, Contemporary Algorithms.

### Assistant Professor & Head(i/c)

**G. Kumaravelan, Ph.D**. ( Bharathidasan University)
*Specialization:* Machine Learning, Data Analytics, Human Computer Interaction, Data Mining, Natural Language Processing

### Assistant Professors

**G. Suresh Kumar, Ph.D**. (Pondicherry University)
*Specialization:* Intelligent Information Retrieval, Knowledge based Systems, Big data Analytics, Data Mining.
**K. Vaitheki, M.Tech**. ( Pondicherry University)
*Specialization:* Information Security, Software Engineering.
**R. Lakshmi, Ph.D**. (Pondicherry University)
*Specialization:* Bio-Informatics, Genetic Algorithm.

# PORT BLAIR CAMPUS

## DEPARTMENT OF OCEAN STUDIES AND MARINE BIOLOGY

School of Life Sciences

Centre for Ocean and Island Studies was established in the year 2000 and was upgraded as a full-fledged Department of Ocean Studies and Marine Biology in 2004. This Department is spread in a sprawling campus of its own of 12.5 acres in Port Blair, the picturesque capital city of the Andaman and Nicobar group of islands. The Department has well equipped infrastructural facilities with laboratories and equipment for both the academics and research activities with extramural funding from UGC, DST and MoES. The Department location in Port Blair has close proximity with the marine environment with uniqueness of having distinct Coral, mangrove and Island ecosystems. Students who join the programs are trained well in-depth in the field of Marine Biology. The mandate of the program is in exploring these ecosystems for their biological resources and developing strategies for sustainable management and conservation.

The Department offers both M.Sc. and Ph.D. Program in Marine Biology through Entrance Examination conduncted by the University at certain centres all over India. Students for the Masters program are admitted based on the rank obtained by them in the Entrance Exam and all students enrolled are offered a studentship of Rs. 1000 per month who put in 70% attendance. Students for the Ph.D program are admitted based on the rank obtained in the Entrance Exam and their performances in the Interview.

## INFRASTRUCTURE FACILITIES

The Department has modern laboratory facilities equipped with the following major Instruments in addition to other basic equipment for teaching and R & D activities in the arena of Marine Biology.

### Department

- Laminar Air flow
- Deep Freezer
- Microscopes with image analyser
- Rotary evaporator
- CHNSO Analyzer
- Submersible Fluorescence Probe
- Gel Documentation Sytem
- HPLC
- Ultra Centrifuge
- Microcentrifuge
- UV-VIS Double beam Spectrophotometer
- Stereo Compound Microscope
- Inverted Microscope

### Project:

- PCR
- TOC Analyzer
- Element Analyzer
- Current Meter
- Echo Sounder
- SCUBA

## THRUST AREAS OF RESEARCH

- Taxonomy and barcoding of Marine Fishes
- Coral reef environment monitoring and carbon sequestration
- Coastal Biodiversity Assessment and their Conservation
- Fishery Biology, Ecomorphology and Fish Stock Assessment
- Marine Bioactive Compounds and their characterization
- Marine Microbial processes and marine natural products
- Marine Benthic Ecology and Taxonomy
- Marine micro-phyto benthos and their ecological relationship
- Diversity and distribution of Plankton

## FACULTY

### Professor

**P.M. Mohan, Ph.D.**
(Cochin University of Science and Technology, Kochi)
Specialization: Marine Sciences, Coral reef environmental monitoring, Meiobenthic studies and Coastal management.

**Jayant Kumar Mishra, M.Phil., Ph.D., D.Fs.(Japan)**
(Berhampur University, Odisha, Nagasaki University, Japan)
Specialization: Marine Biotechnology, Marine Bioactive Compounds, Induced Breeding and Larval Chemical Ecology of Marine Invertebrates special reference to fouling organisms, Marine Biodiversity and Conservation.

## PROGRAMMES OF STUDY

**M.Sc.** Marine Biology
**Ph.D.** Marine Biology

## ENTRANCE EXAMINATION

**M.Sc. Marine Biology**
The question paper consists of 100 objective type questions with multiple choices in the field of Biological sciences at B. Sc. Level

**Ph.D. Marine Biology**
The question paper consists of 100 objective type questions with multiple choices in the field of Marine Biological sciences at M. Sc. Level. UGC/CSIR/DST Inspire Fellowship – NET qualified students are admitted directly to the Ph.D program.

### Professor & Head

**R. Mohanraju, Ph.D.**
(Annamalai University, Chidambaram)
Specialization: Marine Biology, Microbial Ecology and Marine microbial processes in Corals, Mangroves and deep sea ecosystems, Bioprospecting of Marine Natural Products.

### Assistant Professors

**Gadi Padmavati, Ph.D., D.Fs.(Japan)**
(Berhampur University, Odisha, Hokaido University, Japan)
Specialization: Marine Biology, Marine Plankton, Fisheries and Pisciculture.

**S. Venu, Ph.D.**
(Cochin University of Science and Technology, Kochi)
Specialization: Marine Biology, Fishery Biology, Deep Sea and Coastal Fish Taxonomy & Barcoding, Fish Stock Assessment, Coral reef resilience and Aquaculture.

**T. Ganesh, Ph.D.**
(Andhra University, Visakhapatnam)
Specialization: Marine Biology, Marine EIA Studies, Taxonomy and ecology of marine Invertebrates and Seagrass Ecosystem.

**K. A. Jayaraj, Ph.D.**
(Cochin University of Science and Technology, Kochi)
Specialization: Marine Biology and Benthic Ecology.

# DEPARTMENT OF COASTAL DISASTER MANAGEMENT

School of Physical, Chemical and Applied Sciences

The M.Sc. course in Disaster Management was started in the Department of Ocean Studies and Marine Biology in 2007 and bifurcated as separate Department of Coastal Disaster Management in June 2010 and the Centre is located in Port Blair. The Department is being fully supported by UGC. The Department makes every effort to achieve academic excellence with world class field training with theoretical background to produce Doctorate and Post Graduates in Disaster Management Course.

## PROGRAMMES OF STUDY

**M.Sc.** Disaster Management
**Ph.D.** Disaster Management

## ENTRANCE EXAMINATION

Selection of the candidates for M.Sc. degree in Disaster Management is based on the performance of the Entrance Examinations which will include 80 Multiple Choice Questions in Geography, Chemistry , Physics and Geology, Environmental Science, Zoology at B.Sc. Level and 20 questions from English & test of resoning. For PhD admission there will be an objective types Examination. 80 Multiple choice questions at M.Sc.,level and 20 questions from English & test of reasoning.

## MISSION OF THE DEPARTMENT:

The Department makes every effort to achieve academic excellence with world class field training to produce Disaster Managers.

## VISION OF THE DEPARTMENT:

Natural and manmade hazards are increasing every year. Detection and remediation of the natural and manmade hazards are warranted urgently regionally and globally. To cater the needs: Curriculum is designed by Pondicherry University, to suit learners with multi skills. To develop man power to combat the mounting natural and manmade hazards, training with 'Application of Geophysical Techniques' such as Electrical Resistivity Tomographic (ERT) Imaging; Ground Penetrating Radar (GPR); Seismic Imaging and Transient Electromagnetic (TEM) to identify the subsidence, fault / fracture, subsurface cavity, landslide prone area; identification of ground water resource, contamination of ground water, salt water intrusion, and leach ate plume migration, hazardous waste disposal remote sensing and GIS Laboratory with latest software of Arc GIS and ERDAS are provided. This training programme produces M.Sc., students with capability to make out and resolve the disaster related problem.

## THRUST AREAS

Mitigation of Natural Disasters , like Earthquake, Coastal Landslides, Paleoseismology Saltwater Intrusion, landslide Inventories, Tsunami Inundation Modelling and impact of Tectonic Subsidence of Island with advent of GPR, Terra TEM, Resistivity Imaging and Resistivity Variometer, Remote Sensing and GIS.

## INFRASTRUCTURE FACILITIES

The Department has well equipped laboratories with World class Geophysical and Remote Sensing, GIS and Marine and Land Survey equipments to cater the needs of the practical course of M.Sc., students and PhD scholars. The major equipment facilities available in the Department are:

- Seismograph with 12 channels
- SIR 2000 Ground Penetration Radar
- Electrical resistivity imaging
- Transient Electromagnetic ( terra TEM)
- Total Organic Carbon analyser
- Differential Global Positioning System (DGPS)
- Automatic weather Station
- Microscope with Image analyser
- Oceanographic Equipment
- Marine Magnetometer
- Side Scan Sonar ,
- Echo sounders
- Current meter

Apart from these facilities sophisticated Remote Sensing and GIS Laboratory with software of Arc GIS, and ERDAS. Computing and Network Facility: Adequate numbers of PCs in Remote Sensing Laboratory with internet connectivity are available.

## FIELD EQUIPMENTS:

Total station with Reflector; Auto Level with staff; Global Positioning system; Digital Camera; Rock cutting Machine; Automatic sieve shaker. Multi dated Satellite imageries for all Andaman & Nicobar Islands and coastal districts of Tamil Nadu are available .

## RESEARCH ACTIVITIES:

The research activities of the Department are mainly concerned with identification and mitigation of Natural Disasters, like Earthquake Coastal Landslides, Paloseismological, Salt water intrusion, Tsunami Inundation modelling and impact of Tectonic subsidence of the islands with advent GPR, Terra TEM, Resistivity Imaging and Resistivity Variometer. Ministry of Earth Science has sanctioned Rs 23,23,200 for

the Paloseismological investigation in the Islands. National Remote Sensing Centre (NRSC), Indian Space Research Organization, Department of Space, Government of India, Hyderabad has sponsored one project in the scheme of "Rajiv Gandhi National Drinking Water" to collect well data and water quality analysis for Andaman & Nicobar Islands.

## PROJECTS HELD/ON GOING:

1. Fractured Aquifer Modelling of South Andaman through GPR and ERT. (Budget : ₹10,70,800/-) (year 2013-17).
**Principal Investigator Dr. S.Balaji.**

2. Palaeoseismology, Active Tectonic and Seismic Hazards of Active Faults of Andaman with an emphasis on Jarawa Thrust. (Estimate: ₹23,23200/-) (Year 2016 – 19).
**Principal Investigator Dr. S.Balaji.**

3. Shoreline Changes and its impact on Coastal ecosystem in Chidiatapu and Wandur of South Andaman Island Using Remote Sensing and GIS. ( Budget:₹20 Lakhs ) (Year 2015 -19)
**Principal Investigator Dr.K.Dharanirajan**

## FACULTY

### Assistant Professor

**S. Balaji, Ph.D.** (Bharathidasan University, Thiruchirapalli)
Specialization: Palaeoseismology, Disaster Management, Active Tectonics, Hydro geophysics.

### Assistant Professor & Head

**K. Dharanirajan, Ph.D.** (Anna University, Chennai)
Specialization: Geographical Information System (GIS), Remote Sensing, Disaster Management and Software Development in Earth Science.

# ADD ON COURSES

(Evening Programmes)

The University is offering 9 PG Diploma programmes providing them add-on options in relevant disciplines. For example, a student of 'Master in Social Work' can now possess an additional P.G. Diploma in Industrial Psychology which will add value to his employability. Similarly any student in Bio-sciences will now have an option to add a P.G. Diploma in Bio-Technology which is currently in great demand.

7 Certificate courses in foreign languages are also being offered to facilitate the global job options of our students. To enable the large number of students from other states studying in the campus, to possess a functional knowledge of Tamil, a specially designed certificate course in Tamil is also being offered.

All the add-on courses are also made open to the local population of Puducherry enhancing their access to higher education.

## Course Coordinator for the PG Diploma Courses

| P.G. Diploma Course | Name of the Coordinator |
|---|---|
| Functional Hindi & Translation | Dr. Padmapriya |
| Library Automation & Networking | Mr. M. Leeladharan |
| Biotechnology | Dr. B. Sudhakar |
| Industrial Relations and Labour Laws | Dr. Mohanan Bhaskaran Pillai |
| Teaching Skills | Dr. K. Chellamani |
| Professional Communication in English | Dr. Binu Zachariah |
| Manuscriptology & Paleography | |
| Multilingual Computing and Language Technology | Dr. Jaya Sankar Babu |
| Statistical and Research Methodology | Dr. P. Tirupathi Rao |
| Yoga Studies | Dr. D. Sulthana |

## Course Coordinator for the Certificate Courses

| Course | Name of the Coordinator |
|---|---|
| French, Japanese, Chinese, Korean Spanish, German, Arabic. | Dr. S. Pannirselvame |

| Admission Requirements | | |
|---|---|---|
| **Sl. No.** | **Name of the Course** | **Eligibility Criteria for admission** |
| 1. | Functional Hindi & Translation | Any degree in Hindi with a minimum of 45 % of marks **or** Any degree with Hindi as a subject of study under part I or II **or** Any degree with Rastrabhasha Praveen degree obtained from Dakshin Bharat Hindi Prachar Sabha. |
| 2. | Library Automation & Networking | UG degree with a minimum of 50% of marks. |
| 3. | Teaching Skills | UG/PG degree with a minimum of 45% of marks. |
| 4. | Professional Communication in English | |
| 5. | Industrial Relations and Labour Laws | |
| 6. | Biotechnology | Degree in any branch of Biological Sciences with a minimum of 45% of marks. |
| 7. | Manuscriptology & Paleography | Any Degree with Part - I Language Sanskrit |
| 8. | Multilingual Computing and Language Technology | Bachelor's Degree in any discipline with minimum of 50% of marks |
| 9. | Statistical and Research Methodology | UG/PG degree with a minimum of 45% of marks |
| 10. | Yoga Studies | |

| Eligibility | | |
|---|---|---|
| **Sl. No.** | **Name of the Course** | **Eligibility Criteria for admission** |
| 1 | French | A pass in the Higher Secondary Examination or its equivalent. |
| 2 | Japanese | |
| 3 | Chinese | |
| 4 | Korean | |
| 5 | Spanish | |
| 6 | German | |
| 7 | Arabic | |

NOTE:

- For SC/ST candidates, mere pass in the qualifying examination will be sufficient.
- Candidates studying in the fourth year/ fifth year of Five Year Integrated Courses of the University are also eligible to study these courses.
- The minimum registration to offer any of the above course is 20. The course may not be offered if sufficient number of candidates are not available

**MINIMUM DURATION OF THE COURSE:**
Two Semesters (One Year) (for both Diploma & Certificate Courses)

**MAXIMUM DURATION TO COMPLETE THE COURSE:**
Four Semesters (Two Years) (for both Diploma & Certificate Courses)

**FEES:**

**FOR INDIAN STUDENTS:**

| | Admission | Tuition fees | Tuition fees for Certificate course in Languages | Library | Account Number |
|---|---|---|---|---|---|
| For university students & employees: | ₹200 | ₹10,000/- | ₹2,000/- | --- | |
| For others: | ₹500 | ₹20,000 | ₹3,000/- | ₹1000* | 861201979 |

* Optional for the others who desire to use the University Library (for reference only). A separate Library Card shall be issued in such cases.

**FOR FOREIGN STUDENTS:**
150 US Dollars per semester.

**EXAMINATION FEES:**
₹300/- per semester for Diploma courses and Certificate Courses
₹250/- per semester for Certificate Courses.

**SELECTION**
Admission will be based on the marks secured in the qualifying degree.

**TIMINGS**
DIPLOMA :
2 hours a day for five days from 5.30 PM to 7.30 PM
CERTIFICATE :
2 hours a day for four days preferably from 5.30 PM to 7.30 PM
Saturdays and Sundays may be utilized at the discretion of the concerned Department.

**ATTENDANCE**
A Minimum of 70% of attendance is required for writing the examination.

**EXAMINATION PATTERN**
Examination will be conducted as per CBCS system except that the association of external examiner will not be a mandatory requirement. The evaluation will be on absolute mark Systems. The Passing minimum shall be decided by the respective Board of Studies; however, it will not be less than 40%.

**PROGRAMME COMMITTEE**
Each course shall have a coordinator as identified by the department / school conducting the course and there shall be an exclusive programme committee for monitoring the progress of the candidates studying the courses.

# PLACEMENT CELL

- One of the main responsibilities of the Placement Cell is to motivate, train and prepare the students of the University and its affiliated Colleges for campus interviews.
- It plays a very important and key role in counseling and guiding the students of the University and its affiliated Colleges for their successful career placement which is crucial interface for the students between the stages of completion of academic programme of studies and entry into suitable employment.

**Major activities of the Placement Cell:**

- Organising On and Off Campus Interviews
- Organising training programmes like Personality Development Programmes, Mock Aptitude Tests, Group Discussion training, Mock Interviews etc.,
- Enabling Industry Institute Interaction
- Co-ordinating Industrial Visits
- Co-ordinating Project Placement for the Students
- Supporting Technical Seminars / Conferences / Workshops organized by various Departments
- Organising Student workshops with major corporate
- Organising faculty development programmes collaborating with companies
- Facilitating Industry Institute Interactions through inviting experts for lectures, members of project and laboratory evaluation panels, members of selection committees etc.,.
- Inviting Industries for possible collaborations with Pondicherry University

**PLACEMENTS @ PU – (Since the Academic Year 2006-2007 till date):**

Number of Interviews Organized : 410+
Number of students placed : 5300+

**Companies recruited PU students:**

Reserve Bank of India, Cognizant, Accenture, HCL, Wipro, TCS, Infosys, Azim Premji Foundation, SRF Limited, HP, GE Health Care, L&T Infotech, IDBI, HSBC, Standard Charted, Kotak Securities, Karur Vysya Bank, Datamark, Honeywell, Hindustan Zinc, Reliance, ICICI Bank, LVB, HDFC Bank, Syscloud, Mind-fire Solutions, Syntel, Polaris, Cox & Kings, Hi Tours, Berger Paints, High Design, Royal Bank of Scotland, Bank of America and many more.

## RECRUITERS CAN CONTACT:

Placement Co-ordinator
Email: skvjey.csc@pondiuni.edu.in, skvjey@gmail.com
Placement Cell / Student Services Centre
Pondicherry Central University
R.V. Nagar, Kalapet
Puducherry - 605014

# STUDENTS WELFARE

The University has established a Students Welfare Wing to cater to the welfare of the students of the University Department.

Dean
**Dr. A. Shahin Sultana**
Professor
Department of Social Work
Pondicherry University

Assistant Dean
**Dr. S. Riasudeen**
Assistant Professor
Department of Management Studies
Pondicherry University

# THE DIRECTORATE OF PHYSICAL EDUCATION AND SPORTS

**ABOUT SPORTS ACTIVITIES IN PONDICHERRY UNIVERSITY**

This Central University is growing in the field of Sports and Games and extends facilities to Students and Staff members. All the sports activities are conducted under the supervision of the University Sports Board with Vice Chancellor as Chairperson. The Directorate of Physical Education and Sports has been organizing various sports and games activities every year for the students of Pondicherry University and Affiliated Colleges including Inter-collegiate and All India Inter-University Tournaments. Every day the Students and Staff members can use all the facilities available in the campus. Apart from that there are two Fitness Gym for both men and women to develop health and fitness for the benefit of students and staff of Pondicherry University.

## SPORTS ACTIVITIES

- To organize South Zone and All India Inter-University Tournaments in the recognized Games and Sports.
- University player's participation in the All India and South Zone Inter-Universities Tournament organized by various University in all over India, Affiliated to Association of Indian University, New Delhi.
- Organizing National Level Pondicherry University Silver Jubilee Rolling Trophy.
- Celebrataing National Sports Day on 29th August.
- Celebrataing Teachers day on 5th September.
- Meeting of Directors/Directresses of Physical Education of Affilated colleges.
- Meeting of Pondicherry University Sports Board.
- Organizing around 40 events (Games & Sports) in Inter Collegiate Tournaments (Men & Women) for the students of 90 Affiliated Colleges and University campus.
- Organizing Unispofest (Inter-Departmental Sports Meet) for the Pondicherry Campus students.
- Organizing Unispofest (Inter-Depatmental Sports Meet) for the Karaikal campus students
- Organizing sports meet for the Pondicherry Campus staff(Teaching & Non-Teaching)
- Workshop/Seminar/Coaching camps/ Fitness Programs, Aerobics, Karate etc.
- Organising International Yoga Day celebration on 21st June.

## AIMS AND OBJECTIVES OF THE DIRECTORATE OF SPORTS

- To develop sportsmanship and healthy competitions among students.
- To encourage healthy lifestyle through participation in sports.
- To develop skills and techniques in a range of sporting activities.
- To develop understanding through sport .
- Promoting sport as a bearer of cultural identity and for the total personality
- Encouraging the broadest possible participation in sports
- Organising various Fitness Camp/ Self defence programmes throughout the year.

## SPORTS FACILITIES IN THE CAMPUS

All the play fields are facilitated with sitting galleries

- Rajiv Gandhi Cricket stadium -grass play field with turf wickets .
- Thiruvalluvar Sports stadium – 400m cinder track & field & multi purpose
- Multi-sports complex for Tennis, Basketball & Volleyball play courts
- Multi-gym for men and women separately(fitness centre)
- Power lifting, Weight lifting & Body building (training lab)
- Football play fields – 3
- Hockey play fields – 3
- Volleyball courts – 2
- Tennis courts – 2
- Kabaddi courts – 2
- Kho-kho courts - 2
- Handball court – 2
- Basketball courts – 2
- Cricket play fields -3
- Cricket nets- 2
- Ball-Badminton courts – 2
- Badminton courts – 4(outdoor)
- Indoor hall - Table tennis, Chess & Carom in multi-purpose hall

## TEAM MEMBERS OF DIRECTORATE OF PHYSICAL EDUCATION AND SPORTS

1. Dr. G. Vasanthi - Director [i/c] , Physical Education and Sports
2. Dr. G. Sivaraman - Assistant Director
3. Dr. K.Chandrasekaran - Assistant Director

# UGC- HUMAN RESOURCE DEVELOPMENT CENTRE

The UGC - Human Resource Development Centre, Pondicherry University which was established in 1987, has been organizing orientation courses, refresher courses, short-term programmes, summer schools, interaction programme for PhD scholars, Workshop for social science and science research guides and students and special programmes/workshops related to College Principals, Academic Administrators. In Addition to that, training on "Information and Communication Technology and Computer Applications" (ICT), Green Technology & Knowledge Management are also been imparted.

The Human Resource Development Centre of Pondicherry University, situated at the Pondicherry University campus. **Few years ago the University constructed a beautiful Academic Staff College building to the tune of ₹ 6.84 crores.** It is one of those HRDC's, which houses all its academic and administrative facilities / activities under one roof thereby providing the aspiring participants, an avenue, for their academic excellence. The HRDC building self contained with all amenities required for ideal training of Teacher-Class room and residential accommodation together, library, canteen and administrative accommodation.

The HRDC has four spacious classrooms with excellent cross ventilation with a seating capacity of 40-50 participants. The HRDC high-tech class rooms is more useful for participants.

The Vision of HRDC Pondicherry University is to be a world class Human Resource Development Centre and a change agent through excellence in learning process and quality in higher education and research with competency and collaborative orientation to serve the local, national and global community.

# PONDICHERRY UNIVERSITY COMMUNITY COLLEGE

**Pondicherry University Community College (PUCC)** – first of its kind in the Indian University system was established on 16th October 1995 and functions under the general, academic and administrative supervision of Pondicherry University. Incidentally Pondicherry University Community College steps into its 25th year celebration with new spirit and energy to serve the Community. Eventually in it's Silver Jubilee Year, the College feels proud about recollecting the memories of the past students who have gone to achieve great laurels. With a new sense of purpose and anticipation, Pondicherry University Community College will continue its vision and mission to serve the community for centuries.

## VISION:

To reach out the unreached and offer them the best possible education which is need based and value oriented through skill training to nurture the promising workforce of tomorrow.

## OBJECTIVES:

The Pondicherry University Community College is committed to student success through;

- **Promoting career (employability) skills** for all students, thereby grooming skilled manpower that will bridge the gap between the demand and supply for quality workforce.
- **Launching of innovative, engaging & employability centered programs** that enable our students to develop the skills to become self reliant, self supporting & lifelong learners in an increasingly complex and technologically based society.
- **Internship experiences to all our vocational program** students not only get a theoretical sound education, but a hands on one as well. Our industry partners facilitate work based learning by an expert medical team at hospitals in the field of paramedical courses to other industry relevant experts for the other vocational courses at the campus.
- **International educational opportunities** are offered annually to students through Community College Initiative Program (CCIP) sponsored by the Department of State and the Bureau of Educational & Cultural Affairs, USA.

**Being a forerunner of the Community College model, in our country and through our constant strives for excellence, we thrive to bring in a systematic transformation in Higher Education i.e., Vocationalisation of Higher Education**

## MISSION:

'Capacity Building' in youth and women with special reference to the less privileged sections of the community through a comprehensive educational model which fosters intellectual enlightenment, vocational and life skills development, social commitment, emotional balance and moral upright to ensure better quality of living.

## PROGRAMMES OF STUDY

**UNDER GRADUATE PROGRAMS( DURATION: 3 YEARS)**

1. BCA
2. B.Sc. BIOCHEMISTRY
3. B.Sc. MULTIMEDIA (VISUAL COMMUNICATION)
4. BBA
5. B.Com.

**UNDER GRADUATE PROGRAMS (DURATION: 3 YEARS)**
**VOCATIONAL STREAM**
**PARAMEDICAL COURSES**

6. B.Voc. in Radiographic & Imaging Technology
7. B.Voc. in Cardiac Lab Technology
8. B.Voc. in Optometry Technology
9. B. Voc. in Operation Theatre Technology
10 B. Voc. in Renal Dialysis Technology

**COMPUTER SCIENCE COURSES**

11. B. Voc. in Software Development

**MANAGEMENT COURSES**

12. B. Voc. in Retail Management
13. B. Voc. in Tourism & Service Industry

**ADVANCED DIPLOMA PROGRAMS (DURATION: 2 YEARS)**
**VOCATIONAL STREAM**

14. Ad. Dip. in Cardiac Lab Technology
15. Ad. Dip. in Operation Theatre Technology

**DIPLOMA PROGRAMS (DURATION: 1 YEAR)**
**VOCATIONAL STREAM**

16. D. Voc. in Digital Photography
17. D. Voc. in 2D & 3D Animation
18. D. Voc. in Video Production & Editing
19. D.Voc. in Catering & Hospitality

**POST GRADUATE DIPLOMA PROGRAMS (DURATION: 1 YEAR)**

20. PG Diploma in Hospital Management
21. PG Diploma in Nutrition and Dietetics
22. PG Diploma in Yoga
23. PG Diploma in Computer Applications

## PROGRAMMES OF STUDY

**DIPLOMA PROGRAMS (DURATION: 1 YEAR)**

24. Diploma in Accounting & Taxation
25. Diploma in Electro Cadiographic Techniques
26. Diploma in Sanitary Inspector
27. Diploma in Physician Assistance
28. Diploma in Certified Radiological Assistant
29. Diploma in Hospital Management & Administration
30. Diploma in Operation Theatre Techniques
31. Diploma in Medical Record & Administration
32. Diploma in Medical Lab Technology (2 Years)
33. Diploma in Early Childhood Care.
34. Diploma in Office Management & Secretarial Practice
35. Diploma in Insurance Management
36. Diploma in Sales Management
37. Diploma in Information Technology
38. Diploma in Graphics & Animation
39. Diploma in Computer Graphics & Web Technology
40. Diploma in Hardware Management
41. Diploma in Tourism & Ticketing
42. Diploma in Video Production
43. Diploma in Document Writing

## PROGRAMMES OF STUDY

**CERTIFICATE PROGRAMS (DURATION: 6 MONTHS)**

44. Certificate in Diabetic Care and Management
45. Certificate in Central Sterile Supply & Hospital Waste Management
46. Certificate in Medical Lab Technology (1 Year)
47. Certificate in Adolescent Health & Counselling
48. Certificate in Care of Special Children - Mentally Challenged
49. Certificate in Food Safety & Quality Management
50. Certificate in Yoga
51. Certificate in Yoga for Silver Citizen
52. Certificate in Event Management
53. Certificate in Desktop Publishing
54. Certificate in Tally
55. Certificate in Data Entry & Processing
56. Certificate in Computer Graphics
57. Certificate in Tourism & Tour Guide
58. Certificate in Radio Jockey & Reporting
59. Certificate in Reporting & News Casting
60. Certificate in Photography & Videography
61. Certificate in Spoken English

**NOTE**

Certificate/Diploma/PG Diploma courses at Sl.No:16 to 61 will be offered only, if sufficient number of applications received and 20 candidates are admitted for the particulars course.

# MAHE CENTRE COMMUNITY COLLEGE

Pondicherry University, Community College, Mahe Centre was established to cater to the educational need of Mahe region of Pondicherry Union Territory by providing employable and certifiable skill based higher education of general interest with Vocational background. Mahe Centre functions under the general, academic and the administrative supervision of Pondicherry University and the courses offered are recognized and supported by UGC.

## VISION

To reach out to the youth population and empower them with need oriented value based holistic education and training to become partners of National development and to create promising work force to cater the requirements of present India.

## OBJECTIVE

The main objective is to offer job oriented courses based on perceived community demands for specific man power with adequate mutual collaboration and co-operation of members from various commercial, agricultural, government and academic institutions and organizations.

## MISSION

To ensure aptitude building in the youth with special reference to the unprivileged sections of the Community without gender disparity. This comprehensive education model is intended for social transformations, intellectual enlightenment, professional and life skill development, social commitment, emotional balance with moral uprightness to ensure better quality of life and peaceful coexistence.

## Centre Head

**Prof. (Dr.) M.P. RAJAN**

## PROGRAMMES OF STUDY

UNDER GRADUATE PROGRAMMES (Duration : Diploma 1 year and B.Voc. 3 years)

1. Diploma in Radiographic and Imaging Technology
2. Diploma in Tourism & Service Industry
3. B.Voc in Fashion Technology
4. B.Voc in Journalism and Mass Communication

# DIRECTORATE OF DISTANCE EDUCATION

In order to cater to the needs of people who could not pursue higher education in the formal/on-campus streams, Pondicherry University had taken a conscious decision to enter in the field of Distance Education by offering Professional/Job Oriented academic Programmes in 1995-96. Currently, the Directorate offers Five MBA, four Post Graduate and two Under Graduate Programmes.

The Admission process usually commences in June for Academic year and in January for Calendar year. Given the national character of the university and the quality of the academic programmes offered by the Directorate, students from across the country and from all hues choose Pondicherry University for realizing their dreams of acquiring a professional degree. Thus over the years, the distance education Programmes of Pondicherry University have established a mark of their own with respect to quality.

The DDE is pioneered in introducing the concept of offering degree programmes under **Twinning Programme**, by entering into Memorandum of Understanding with reputed institutions having excellent Human Resource, infrastructure and learning facilities. "Twinning" is an innovative educational concept which widens the scope of educational opportunity and widens the access to classroom teaching for student's distant locations. The twinning concept envisages a tie-up between Directorate of Distance Educaton, Pondicherry University and the Twinning Institutions. The marked difference between the conventional Distance Education programmes and this innovatice twinning programme is that the students would undergo a rigorous extended classroom sessions on all Saturdays and Sundays during the academic year insteat of the usual 8 days Personal Contact Programme.

**Scholarship for SC/ST students**

SC/ST students admitted in this Directorate can avail themselves of the various scholarships of the respective State/ UT Government, of which the student is a permanent resident.

**Fee Concession**

100% Tuition fee Concession is extended to Physically Challenged persons & 50% Tuition fee concession is extended to the following categories:

- Non-teaching employees of Pondicherry University and their wards (Group C & D)
- Defence personnel serving in Indian Armed Forces
- Widows
- Deserted Women
- Prisoners
- Transgender

## PROGRAMMES OF STUDY

***MBA Degree Programmes (2 Years - 4 Semesters)**
MBA - Human Resources Management
MBA - Finance
MBA - Marketing
MBA - International Business
MBA - General

**P G Degree Programmes (2 years-Non Semester)**
Master of Arts in English
Master of Arts in Sociology
Master of Arts in Hindi
Master of Commerce

**UG Degree Programmes (3 year-Non Semester)**
Bachelor of Business Administration
Bachelor of Commerce

The DDE proposed to start the following new courses from next Academic Year July, 2020 onwards subject to approval of UGC-DEB, New Delhi:
MBA Degree Programmes (2 Year - 4 Semesters)
MBA - Hospital Management
MBA - Tourism
MBA - Operations & Supply Chain Management

**UG Degree Programmes (3 year-Non Semester)**
Bachelor of Arts in Political Science
Bachelor of Arts in Sociology
Bachelor of Journalism and Mass Communication
Bachelor of Arts in Economics
Bachelor of Arts in History
Bachelor of Arts in English

## LIBRARY

Directorate of Distance Education is also endowed with an exclusive library in the DDE building. Apart from a wide range of books on Management and Computer applications, the Library stacks all the study materials of DDE, popular journals of Management, Project Reports of MBA, Assignments of PG Students, Question Banks and other dailies and magazines.

## OFFICERS AND FACULTY OF D.D.E.

### Director i/c

**Prof. C.K. Ramaiah, Ph.D.,** (Loughborough University of Technology, England)
*Specialization:* Library & Information Science, Multimedia and Hypertext Technologies, CAI, User Interfaces, HCI, Web/ E-Publishing, Healthcare and Archival Informatics.

### Assistant Director

**Arvind Gupta, Ph.D.** (Maharshi Dayanand Saraswati University, Ajmer, Rajasthan)
*Specialization:* Business Administration, Human Resource Management

### Assistant Professors

**Punitha. A, Ph.D.** (Pondicherry University, Pondicherry)
*Specialization:* Business Ethics, Human Resource Management, Organizational Behaviour and Business Environment.
**Umasri .V, Ph.D.** (Pondicherry University, Pondicherry)
*Specialization:* Accounting and Finance, Financial Management, Security Analysis and Portfolio Management.
**Sk. MD. Nizamuddin, Ph.D.** (Pondicherry University, Pondicherry)
*Specialization:* Marketing Management, Advertising, Services Marketing,Business Laws.

Further details of the Programmes can be had from the brochure of the Directorate of Distance Education and also in the Distance Education link of the University Website www.pondiuni.edu.in

## IMPORTANT NOTE

(i) University reserves the right to make changes in the information provided herein. This cannot be quoted for any sanction.

(ii) Not withstanding the information given in the brochure, the University has the ultimate right to decide on any issue as per its rules and regulations.

(iii) For up-to-date information including changes in the programmes listed in this Prospectus, the University website **www.pondiuni.edu.in** may be checked from time to time.

**Puducherry** **Registrar**

# CONTACT DETAILS

| | |
|---|---|
| **PONDICHERRY UNIVERSITY** | EPBAX: 0413-2654300<br>FAX: 0413 - 2655734<br>academictwo@gmail.com<br>www.pondiuni.edu.in |
| | |
| **AFFILIATED INSTITUTIONS - Ph.D. PROGRAMMES** | |
| Bharathidasan Govt. College for Women, Puducherry | 0413-2213504<br>bgcw.py.gov.in |
| École française d'Extreme-Orient, Puducherry | 0413-2334539, 2332504<br>administration@efeo-pondicherry.org |
| Kanchi Mamunivar Government Institute for Postgraduate Studies and Research (Autonomous), Puducherry | 0413-2251687, 2251613<br>kmcpgs.puducherry.gov.in |
| Pondicherry Engineering College (PEC), Puducherry | (+91)0413-2655281<br>www.pec.edu<br>The reservation shall be in accordance with the policy of the UT Government of Puducherry. 75% of the seats are reserved for candidates from UT of Puducherry and 25% of the seats reserved for candidate from other states/UTs<br>***Hence Reservation claim, if any is to be submitted separately in the link provided at www.pec.edu**<br>***Call for interview will be posted in the PEC website. No separate call letter will be sent.** |
| Regional Medical Research Centre (RMRC), Port Blair, A&N Islands | 03192-251158, 251043<br>www.rmrc.res.in |
| ICMR-Vector Control Research Centre (VCRC), Indira Nagar, Puducherry | 0413-2272396/2279072<br>www.vcrc.res.in |
| Zoological Survey of India (ZSI), Port Blair, A&N Islands | (+91)3192-233148/ 242390/237582<br>email: anrc@zsi.gov.in/ anrszsi@gmail.com |
| Sri Manakula Vinayagar Engineering College, Puducherry | 0413-2642000, 2641151<br>www.smvec.ac.in<br>email: smvec@smvec.ac.in |
| Mother Theresa Post Graduate and Research Institute of Health Sciences, Puducherry | Phone:0413-2271200, 2275566<br>Fax:0413-2277594<br>deanmtihs@dataone.in<br>http://mtihs.puducherry.gov.in |
| College of Nursing, Pondicherry Institue of Medical Sciences, Puducherry | Phone: 0413-2656482, 2656541, 2656419<br>email id: deancon@pimsm-mm.net |

# PUDUVAI VAANI - COMMUNITY RADIO STATION

**Dr. D. Nivedhitha:** Faculty-in-charge

## INTRODUCTION

Puduvai Vaani is the community FM Radio facility on the University campus. It works on FM 107.8 MHz, covering an area of 20 km radius from the University campus. This station broadcasts programmes in both Tamil and English languages.

Puduvai Vaani has been started with an aim to cerate awareness among the people to improve their nature of lifestyle. Puduvai Vaani is public broadcaster to awaken, inform, elighten, educate and entertain all sections of the people through programme such as women empowerment, communal harmony, health and education.

Community Radio Station (CRS) also includes its service on the practical sessions for the students of Department of Electronic Media and Mass Communication. Media students undergo training in the production of radio programmes that include writing radio scripts, voice modulation and live broadcasting over an FM radio channel. The station is a "first of its kind' among CRS with 2 suites for radio production and one suite for transmission & live broadcast. The FM Community Radio Station has produced more than 500 hours of audio/radio content which are suitable for broadcast through any radio station on varieties of themes from health, education to entertainment.

## TRANSMISSION TIME

Week days: 9AM to 5 PM (All Days)
Week ends: 9AM to 5 PM (Tamil, Hindi and English)

Through 'Earn while Learn' scheme, the students of Pondicherry University, including M.A. Mass Communication and M.Sc. Electronic Media, attend transmission duty and present programmes regularly.

## AWARDS

Puduvai Vaani - Community Radio Station bagged the first prize for its Tamil programme " Ungalai Thedi" recognising its efforts in producing programmes on theme relevant to the community nearby. Honorable Central Minister for Information and Broadcasting, Mr.Manish Tiwari, conferred awards, on the final day of the 3rd National Community Radio Sammelan on 11th February 2013, in New Delhi.

## MoU

A MoU has been signed between Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER), and Pondicherry University through which Puduvai Vaani Community Radio Station produces healthcare related programmes for the society.

## SPECIAL DAY PROGRAMMES

1. "Mann Ki Baat"
2. BBC English Programmes on Science, History, Literature and Health are broadcasted every Saturday and Sunday from 02.00 p.m to 05.00 p.m.
3. "VAZHVOM NALAMAAI" is a health programme aired every Monday and Friday at 3.00 p.m. as part of the MoU signed between JIPMER and Pondicherry University.
4. Internship for University affiliated college students and for students from other states.
5. Special Live Programme: Digital India Promo/Clean India Promo/ International "YOGA DAY" Programmes
6. OB Recording of all events in and around University Campus.

## STAFF

1. K.Pragash, Technician
2. L.Ejoumale, Junior Assistant
3. G.Pandiyarajan, Office Assistant

# CAMPUS LIFE

DICHERRY UNIVERSITY
TMENT OF HINDI

GOVERNMENT OF INDIA
PONDICHERRY UNIVERSITY
AND
MINISTRY OF HUMAN RESOURCE DEVELOPMENT
"SWACHHTA HI SEVA"

HERRY UNIVERSITY

# PONDICHERRY UNIVERSITY

R. Venkataraman Nagar, Kalapet,
Puducherry - 605 014

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