



# PONDICHERRY UNIVERSITY

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

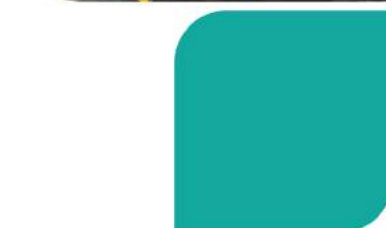


## PROSPECTUS 2021-22 TOWARDS EXCELLENCE

ACCREDITED WITH "A" GRADE BY NAAC  
RANKED AMONG THE TOP 1000 UNIVERSITIES IN THE WORLD  
NIRF CENTRAL UNIVERSITY RANKING - 9<sup>TH</sup>



# INFRASTRUCTURE







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PROSPECTUS  
2021-22

## From the Vice-Chancellor's Desk

It is a matter of immense pleasure for me to be a part of the Pondicherry University (a Central University) family as its Vice Chancellor. I take this opportunity of welcoming students coming from all parts of the world, joining the University in Post-Graduate and Doctoral programmes for the academic year 2021-22.

As a Vice-Chancellor of this prestigious University, my focus will be on refining our strategic direction and identifying opportunities for growth. We are constantly responding to the challenges of the changing academia by defining our strengths and building our distinctive character and identity. We are committed to recruiting staff who can assist us in transforming these challenges into opportunities, and who are also willing to walk with us in the constant search for quality, efficiency and new opportunities which are indeed our highest ideals.

We keep our motto "vers la lumiere" (From Darkness, towards the Light!) at the heart of everything we do. I can imagine that many of you are feeling both excited and perhaps a little anxious about starting your journey as a University student. Let me assure you that you have chosen to study at a prestigious institution where "noble thoughts come from everywhere". The University takes great pride in having established strong, industry-focused teaching programmes and cutting-edge research. We offer our students a research-enriched education that is complemented by work-integrated learning opportunity. In addition to the courses offered, the University would be launching General MBA Programmes in Karaikal and Port Blair Campuses.

In terms of credentials, Pondicherry University has been placed among the top 1000 in the QS World University Rankings (WUR), 2022. It is a proud moment for the University as it appears in the top 20

among Indian institutions. It is a significant achievement that Pondicherry University has been placed between 301 and 350 in the QS Asia Rankings in the last four years and between 211 and 220 positions among Brazil, Russia, India, China and South Africa (BRICS) Universities.

The University has highly qualified faculty in their respective fields of expertise. A large number of National and International Conferences, Seminars and Workshops are organized by the University. Such events provide a variety of experiences to the students and inculcate skills such as leadership and team spirit which are helpful in their career. Our faculty members have been able to publish good quality research work in high impact factor journals of repute. There is an active interaction between faculty and students in the campus. The learning experiences in the campus pave a strong path for enhancement of overall development of the learners.

Further, the campuses of the University are ICT enabled and the colleges provide an e-learning and e-connect environment, along with class coordination system, document management system as well as virtual class rooms. 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 your physical, mental and intellectual growth. As an International student of the University, you are the torch bearers of the different nations you come from, in order to bring in positive change, towards a direction that will develop overall sustainability for better future.

I, wish and assure you, on behalf of the University family, that we will help you pursue your objectives of life under the varied social, cultural and economic environment and make the University family proud of your attainments.

**PROF. GURMEET SINGH**  
VICE-CHANCELLOR

VISITOR	<b>Shri. RAM NATH KOVIND</b> His Excellency, the President of India
CHANCELLOR	<b>Shri. M. VENKAIAH NAIDU</b> Hon'ble Vice-President of India
CHIEF RECTOR	<b>Dr. TAMILISAI SOUNDARARAJAN</b> Her Excellency, the Lt. Governor of Puducherry
VICE-CHANCELLOR	<b>Prof. GURMEET SINGH</b>

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

O.S.D. (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 (i/c)  
Prof. C.K. RAMAIAH

## DEANS OF SCHOOLS

Prof. G. CHANDRIKA	: Sri Subramania Bharathi School of Tamil Language & Literature (i/c)
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. K.V. DEVIPRASAD	: School of Life Sciences
Prof. P.K. SUBRAMANIAM	: School of Humanities
Prof. B.B. MOHANTY	: 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. P. SRIDHARAN	: School of Performing Arts
Prof. A. CHELLA PERUMAL	: 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			
<b>Sri Subramanla Bharathi School of Tamil Language &amp; Literature</b>		Dr. G. Chandhrika	Escande Chair in Asian Christian Studies (Coordinator)
<b>School of Management</b>			<b>School of Social Sciences and International Studies</b>
Department of Management Studies	Dr. B. Charumathi		Department of Anthropology
Department of Management (Karaikal Campus)	Dr. S.A. Senthil Kumar		Department of Sociology (i/c)
Department of Commerce	Dr. D. Lazar		Department of History
Department of Commerce (Karaikal Campus)	Dr. S. Amilan		Department of Social Work
Department of Economics	Dr. Amaresh Samantaraya		Department of Politics & International Studies (i/c)
Department of Tourism Studies	Dr. Sampada Kumar Swain		Centre for European Studies
Department of Banking Technology	Dr. S. Sudalai Muthu		UNESCO-Madanjeet Singh Institute of South Asia Regional Cooperation (UMISARC) & Centre for South Asian Studies
Department of International Business	Dr. M. Banumathi		UGC Centre for Maritime Studies (Coordinator)
<b>Ramanujan School of Mathematical Sciences</b>			UGC Centre for Southern Asia Studies (Centre Head)
Department of Mathematics	Dr. Rajeswari Seshadri		Centre for Women's Studies (Centre Head i/c)
Department of Statistics	Dr. Kiruthika		Centre for Study of Social Exclusion and Inclusive Policy( Centre Head i/c)
<b>School of Physical, Chemical and Applied Sciences</b>			<b>School of Engineering &amp; Technology</b>
Department of Physics	Dr. V.V. Ravi Kanth Kumar		Department of Computer Science
Department of Chemistry	Dr. R. Venkatesan		Department of Computer Science (Karaikal Campus) (i/c)
Department of Earth Sciences	Dr. Rajneesh Bhutani		Department of Electronics Engineering (i/c)
Department of Applied Psychology	Dr. B.Rangaiah		Centre for Pollution Control and Environmental Engineering(Centre Head i/c)
Department of Coastal Disaster Management (i/c)	Dr. K. Dharanirajan		<b>School of Education</b>
<b>School of Life Sciences</b>			Centre for Adult & Continuing Education
Department of Biochemistry & Molecular Biology (i/c)	Dr. R. Rukkumani		<b>School of Medical Sciences</b>
Department of Biotechnology	Dr. A.Hannah Rachel Vasanthi		<b>School of Performing Arts</b>
Department of Microbiology	Dr. Joseph Selvin		Department of Performing Arts (i/c)
Department of Food Science and Technology	Dr. S. John Don Bosco		<b>School of Media &amp; Communication</b>
Department of Ecology & Environmental Sciences	Dr. S. Jayakumar		Department of Electronic Media & Mass Communication (i/c)
Department of Ocean Studies & Marine Biology	Dr. R. Mohanraju		Department of Library and Information Science (i/c)
Centre for Bioinformatics	Dr. A. Dinakara Rao		<b>Madanjeet School of Green Energy Technologies</b>
<b>School of Humanities</b>			Department of Green Energy Technology
Department of English	Dr. H. Kalpana		Centre for Nanoscience & Technology
Department of French	Dr. C. Thirumurugan		<b>School of Law</b>
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 (i/c)	Dr. C. Thirumurugan		

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, Directorate of Distance Education	Dr. C.K. Ramaiah
O.S.D.(i/c), UGC - Human Resource Development Centre	Dr. Rajneesh Bhutani
Principal(i/c) Community College, Puducherry Campus	Dr. G. Chandrasekaran
Community College, Mahe Centre	Dr. M.P. Rajan
Central Instrumentation Facility (i/c)	Dr. Bala Manimaran
Central Maintenance Workshop	Dr. Bala Manimaran
Centre Head, Karaikal Campus	Dr. S.A. Senthil Kumar
Coordinator, Study India Program	Dr. Uma Chandrasekaran
Educational Multi-media Research Centre (Head i/c)	Dr. Radhika Khanna

## ADMINISTRATIVE OFFICERS

VICE-CHANCELLOR'S SECRETARIAT		Office of the Controller of Examinations	
Deputy Registrar (Vice-Chancellor's Secretariat)	M.P.T. Sagayaraja	Assistant Registrar (Exams)	G. Venguidesvarane
Assistant Registrar (i/c) (Vice-Chancellor's Secretariat)	S. Raj Kumar	Assistant Registrar (Exams)	S. Murugaiyan
OFFICE OF THE REGISTRAR		Assistant Registrar (Exams)	V. Raman Geetha
Deputy Registrar (Administra- tion- Teaching & Non-Teaching)	M.P.T. Sagayaraja	Assistant Registrar (i/c) (Exams)	S. Govindasamy
Assistant Registrar (Administration)	N. Giridharan	Assistant Registrar (i/c) (Exams-DDE)	Dr. Arvind Gupta
Assistant Registrar (Establishment-Teaching)	K. Mahesh	Office of the Finance Officer	
Assistant Registrar (Recruitment Cell)	N. Giridharan	Deputy Registrar (F&A)	R. Segar
Assistant Registrar (i/c)	K. Sivagurunathan	Assistant Registrar (i/c) (Finance & Accounts)	R. Malarvizhi
Assistant Registrar (Legal Cell)	K Rajalakshmi	Vigilance and Security Wing	
Assistant Registrar (Planning & Development)	Loveroop Singh	Officer on Special Duty	C. Maran
Assistant Registrar (Academic-Admissions)	P. Rajasekaran	Engineering Wing	
Assistant Registrar (Academic-General)	Birinder Singh	Civil Consultant	N. Sankaramurthy
Assistant Registrar (Public Relations)	K. Mahesh	Assistant Engineer (Civil)	G. Raghupathi
Assistant Registrar (Transport) (i/c)	V. Mourougavelou	Assistant Engineer (Civil)	S. Venkatesan
Assistant Registrar (Project Cell)	Loveroop Singh	Assistant Engineer (Electrical)	V. Mourougavelou
Assistant Registrar (Special Reservation Cell)	Dr. N. Ravi	PU Port Blair Campus	
		Nodal Officer	S. Raj Kumar



## 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	Dr. 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
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**Horticulture**

Horticulturist	-
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**Health Centre**

Chief Medical Officer	Dr. Sheela Das
Senior Medical Officer	Dr. S. Makalakshmi

**Media Centre**

Producer	-
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**Central Maintenance Workshop**

Head (i/c)	Dr. Bala Manimaran
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**Central Instrumentation Facility**

Centre Head	Dr. Bala Manimaran
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**Directorate of Physical Education & Sports**

Director(i/c)	Dr. G. Vasanthi
Assistant Director	Dr. G. Sivaraman

**Centre for Bioinformatics**

Information Officer	M. Sundara Mohan
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**DDE - Spot Admission Centre & Community College, Mahe**

Assistant Registrar	C.M. Srikala
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**Hostels**

Chief Warden (Boys)	Dr. Alok Sharan
Chief Warden (Girls)	Dr. P.T.V. Lakshmi
Chief Warden (Karaikal)	Dr. S. Bhuvaneswari
Deputy Chief Warden - Ph.D. Hostels	Dr. Sudesh Pundir
Deputy Chief Warden - PG Hostels	Dr. Manisha Kumari Dr. S. Lasitha

**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. Iftexhar 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. V. Arulmurugan
Boys' Hostel, Port Blair	Dr. P. M. Mohan

**Wardens : Girls' Hostels**

Madame Curie, Madame Curie Annexe & Mess	Dr. Sudesh Pundir
Ganga	Dr. Sibi P.S.
Yamuna	Dr. Manisha Kumari
Womens Studies	Dr. Manisha Kumari
Saraswathy	Dr. S.N. Fathima
Cauvery	Dr. S. Lasitha
Narmatha	Dr. Regina Sharmila Dass
Kalpna Chawla	Dr. Archana Pan
Foreign Students	Dr. Sudesh Pundir
Mother Teresa Mess	Dr. S.N. Fathima
Valmiki	Dr. E. Sreekala
Karaikal (Girls)	Dr. D.H. Malini
Girls' Hostel, Port Blair	Dr. P. M. Mohan





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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 upon 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 interdisciplinary 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 Pondicherry University Central Library is named after Sri Ananda Rangapillai, who was the Dubash of Lord Duplex, 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 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. on week days and 9.30 a.m. to 5.30 p.m. on weekends. 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, vacations and holidays.

### Membership

The Library has 7149 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 electronic resources. **The size of Total Library Collection is 5,69,199 of which 2,47,199 is Print and 3,22,000 is Electronic.**

### Details of Printed Resources

Books (Print) – 2,56,368, Theses – 779, Dissertations – 4,962, Journal back volumes – 13,110, UN Documents – 2,858 and Current Journals – 122.

### Details of E-resources

E-Journals – 23,463, E-Databases – 18, E-Theses – 1805, E-Books – 2,28,038, and Academic Videos – 68,676.

Exclusive collection for Competitive Examinations is a popularly sought after one.

### Available E-Resources in the Central Library

**E-Journals:** Science Direct (10 Subject Collections), Emerald, Institute of Physics, Royal Society of Chemistry (RSC) Journals, SAGE Management and Organization Studies Subject Collection Journals, SAGE Research Methods

**E-Books:** EBSCO eBook Academic Collection, Credo Reference and World eBook Digital Library.

**E-Databases:** Academic Video Online, Bloomberg, EBSCO Academic Search Complete, EBSCO Food Science Source, Emerald Emerging Market Case Studies, EPWRF India Time Series, Turnitin, Grammarly Premium, IEEE Xplore Digital Library, India Business Insight (IBI), Indiatat, ProQuest Dissertations & Theses Global, ProQuest One Literature (Literature Online Premium), SCOPUS, Web of Science, Institute for Studies in Industrial Development (ISID), MathSciNet, South Asia Archive.

### Services

In addition to the traditional library services, the following facilities are also provided:

- \* OPAC (Online Public Access Catalogue)
- \* Remote login facility for 24x7 access to all the e-resources
- \* Books Issue/ Return facility through RFID self-check in/out
- \* Webinars regularly conducted for the benefit of library users
- \* Wi-Fi Facility
- \* Plagiarism check through Turnitin Software
- \* Providing Grammarly premium account to all library users
- \* Institutional Repository (IR)
- \* Document Delivery Services
- \* Inter-Library Loan Facilities
- \* Dedicated E-Resource Zone
- \* Discussion Rooms
- \* E-Alerts

### Facilities for Differently Abled Persons

- \* Computer Systems with Head Phone
  - \* Windows Talking Software
  - \* Braille Refreshable Display
  - \* Scanners and OCR Softwares
- Information access facility made possible to the Visually Challenged was one of the

facets contributing to winning a **National Award by the University in 2011.**

### E-Shodhsindhu Consortium Service (ESS)

Pondicherry University Library is a member of the E-ShodhSindhu Consortium and has access to more than 7032+ e-journals and four e-databases. Access being IP-based, e-resources are accessible in the University network. Pondicherry University Library is identified as one of the 21 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 Hammarskjöld 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) function 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.

#### **University Librarian (i/c)**

Prof. C. K. Ramaiah

#### **Deputy Librarian**

Dr. U. Nagalingam

#### **Assistant Librarians**

Dr. M. Baskar

Dr. G. Sivasubramanian

Dr. K.M. Shibu

Dr. P. Vijayakumar

#### **Computer Information Scientist**

Shri. Z. Olirvel

# 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. However, some of the services are rendered on 24x7 basis.

## Academic

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

- M.Tech. (Computer Science & Engineering)
- M.Tech. (Network & Internet Engineering)
- M.C.A.
- M.Sc. (Computer Science)

## 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 community has been established and managed by the Centre.

Faculty members, Officers Schools/Departments, 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 from 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. AVAYA SIP Server and SIP phone instrunctments are deployed.

Direct Inward Dialing (DID) facility is provided to the end users with two PRI circuits from M/s BSNL, Puducherry.

## Campus Connect - Wi Fi

The Campus was first Wi Fi enabled in the year 2009 using its own resources.

Later in the year 2017, 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.

## Web & E-mail Services

The Web Portal of the University [www.pondiuni.edu.in](http://www.pondiuni.edu.in) serves as the main platform for dissemination of information/notices/ and other online services being provided to its stakeholders. All notices, circulars, etc., are regularly published on this portal.

Under the same domain, e-mail services are offered to the employees of the University through NIC under the national cloud of Govt. of India.

Scholars and students of the University are provided e-mail services under the domain [@pondiuni.ac.in](mailto:@pondiuni.ac.in)

Several hundreds of online functions, meetings, etc. are being explored.

## 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 Faculty Profile Creation/Updation
- Online Application Registration
- Online Admissions Sliding, Counselling, 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 Admissions to various PG/Research programmes offered by the University every year.

During the pandemic days of 2020-21, several hundreds of online events were hosted by the Centre for faculty and administration including the conduct of meetings related to Executive Council, Academic Council, Finance Committee, Court, etc.

## 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 Infrastructure Projects/Services**

The Centre also offers technical support and facilitation planning, preparation of proposals and execution of projects, after approval, for establishment of Electronic Surveillance system for the Vigilance & Security Wing and Bio-Metric Attendance System for the Administration.

A project is being executed for establishment of Electronic Surveillance system across the hostels and other vulnerable points on the campus through the PMC. Proposals are in the pipeline to cover the Controller of Examinations building and strengthen the existing Surveillance System inside the Administrative building.

Online Meeting facilities have been established at three different locations in the Administrative building. Similarly, work is in progress for establishment of three online teaching/ learning facilities in the Humanities building.

### **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

**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 the acquisition of data and train personnel in the 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, external experts and the 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 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**

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
<b>I. Spectroscopy Systems</b>			
1.	UV-VIS-NIR Spectrophotometer	Shimadzu-Japan	UV 3600 Plus
2.	FT-IR Spectrometer	Thermo-USA	Nicolet-6700
3.	Spectrofluorimeter	Horiba Jobin Yvon, USA	Fluorolog-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 spectrometer attachment	Renishaw, UK	Invia Raman
9.	Isotope Ratio Mass Spectrometer	Isoprime Ltd, UK	Isoprime 100

Sl.No	Name of the Instrument	Make	Model
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## II. Chromatography Systems

10.	High Performance Liquid-Chromatography	Shimadzu, Japan	LA20
11.	High Performance Thin Layer Chromatography System	CAMAG, USA	Sampler-ARS4 Developer- ADC2 Scanner- TLC4 & 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	Tecnaï 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)	Miromeritics, 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.	Fluorescence 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 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 proportion 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 of 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 by 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 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 aged instruments and equipment 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, etc. The acquisition of facilities required for the repair and testing of electrical equipment's and gadgets is in 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:

**R.Jeyanthi, DECE,**

Technician Gr-II

Specialization: Electronics & Communication Engineering

**P.Vikkaraman, M.A.,**

Technician Gr-II

Specialization: Engineering Fitting Works



### 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 a 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 2021 – 22. For more details about various P.G. and Integrated P.G. programmes of study and Ph.D. please visit the respective department profile on the University website [www.pondiuni.edu.in](http://www.pondiuni.edu.in) and prospectus available on the website.

Foreign/ NRI/ OCI applicants do not have to write the Entrance Examination for admission to any of the courses. A separate link is given for foreign students' applications. 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.

Foreign students will be admitted at 10 per cent of the sanctioned strength in all PG programmes on supernumerary basis.

## 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 requires the student to have 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 the entrance test, but they shall give a seminar before the Admission Committee

## Study in 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 should be contacted to know whether you can still be accommodated especially for courses that require lab work.

The SIP also offers customized 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 different facets of Indian culture. Assistance is provided to students to make their stay and experience comfortable and rewarding.

SIP Applicants may email their interest.

More details for all Foreign / NRI / OCI applicants can be found on our website using this link <https://www.pondiuni.edu.in/department/international-relations/>

Contact: [dean.int-rel@pondiuni.ac.in](mailto:dean.int-rel@pondiuni.ac.in) with CC to [office.irpondiuni@gmail.com](mailto:office.irpondiuni@gmail.com)

## ICCR Scholarships

Foreign students are also welcome to apply for ICCR funded scholarships directly at the A2A portal of ICCR (Indian Council for Cultural Relations) as per their calendar. For such applicants, the list of selected applicants will be sent by the ICCR to Pondicherry University. Admission is based on fulfilling the eligibility criteria for each course and will be done by the departments concerned. The final select list will be conveyed to the applicants by the university through ICCR.

## Online Applications for self-supporting students

Those who are not able to get the ICCR scholarships are encouraged to apply directly using our online application form on our website as we are a Central University and the fees are very affordable, with world-class facilities, subsidized by the Government of India. Pondicherry University has been ranked among the top 1,000 universities in the world in the latest QS World University Rankings 2022.

Pondicherry University is one among only three institutions in India that offer MTech Computational Biology funded by the DBT DST. Self-financed foreign students are also welcome to apply. For details, please see Centre for Bio-informatics.

\*For details of MSG Scholarships 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 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 contingency 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 1<sup>st</sup> 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:

- secure at least 70% attendance every month.
- pass in all papers registered for each semester.
- 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.

\* 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:

- The students are eligible for only one scholarship.
- The award/continuance of any scholarship is subject to satisfactory progress and performance, proper conduct, fulfillment of attendance criteria, etc.

## FELLOWSHIPS / SCHOLARSHIPS / OFFERED

### BY OTHER AGENCIES:

#### Junior Research Fellowship

UGC / CSIR NET qualified JRFs are eligible to receive fellowships. 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

The 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 to the M.Sc. Biotechnology programme in the Department of Biotechnology.

#### Madanjeet Singh Group Scholarship

Full scholarships are given to 16 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 (₹12,500 p.m), annual contingency of ₹10,000/- 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 5 M.Tech Fellowships and 1 Ph.D Fellowship to admitted candidates having GATE/CSIR qualification.

#### GATE Scholarship

The UGC provides scholarship for GATE qualified M.Tech students.

#### DBT Fellowship

Students admitted to the following programmes through GAT-B score are eligible to get DBT Fellowship:

M.Tech. Computational Biology - Rs.12,000/- PM

M.Sc. BioTechnology - Rs. 5,000/- PM.

# 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-semester 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 students 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:  $(8 \times 4 + 7 \times 2 + 9 \times 3) / (4 + 2 + 3) = (32 + 14 + 27) / 9 = 73 / 9 = 8.11$ . 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 course completion in institutions of higher learning is both a challenge and an 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. The 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 Pondicherry University 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 activity - 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 the 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 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 forms are to be submitted online through the University website [www.pondiuni.edu.in](http://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 instructions available in the University website.

## FILLING OF APPLICATION FORM

1. Apply separately for each programme.
2. Candidates have to submit application forms 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](http://www.pondiuni.edu.in)
5. Due care should be taken in filling the application form. Select the correct course in the relevant column as this 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 their 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 should ensure that there is no "overlap of entrance exams among the courses to which they have applied". The slots of Entrance Examination of each course is given along with the eligibility 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 a new choice can be 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 the 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% 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 the date notified by the university 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, with regard to candidates who secure the same marks in the written test :

### For PG / Ph.D

(a) **First criterion:** Candidates with more positive marks in the entrance examination.

(b) **Second criterion:** Candidates with less negative marks in the entrance examination.

(c) **Third criterion:** Twelfth standard (+ 2) or equivalent exam marks .

(d) **Fourth criterion:** 10<sup>th</sup> 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:** Candidates with more positive marks in the entrance examination.

(b) **Second criterion:** 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 at all times while they are inside the campus.

■ Students are instructed not to miss 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 allotted centres other than those opted by them. The University's decision on the allotment of centre is final.

CODE AND CENTRE NAME			
01 Aizwal	12 Hyderabad	23 Lucknow	34 Sambalpur
02 Allahabad	13 Imphal	24 Madurai	35 Shillong
03 Bangalore	14 Indore	25 Mangalore	36 Srinagar
04 Bhopal	15 Jaipur	26 Mahe/ Thalassery	37 Thiruvananthapuram
05 Bhubaneshwar	16 Jammu	27 Mumbai	38 Tiruchirapalli
06 Chandigarh	17 Karaikal	28 New Delhi	39 Vellore
07 Chennai	18 Kochi	29 Patna	40 Vijayawada
08 Coimbatore	19 Kolkata	30 Port Blair (Andamans)	41 Villupuram
09 Cuddalore	20 Kozhikode	31 Puducherry	42 Vishakapatnam
10 Guwahati	21 Kottayam	32 Pune	
11 Gwalior	22 Kakinada	33 Ranchi	

## 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 & 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 implemented 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)  
M.Sc (Ecology)  
M.Sc (Environmental Sciences)  
20% reservation is given for Pondicherry UT candidates in MBA(Business Administration) course.

With regard to 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, Chemistry & 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 01-04-2021.



(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 application.

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
<b>ARMY PERSONNEL</b>		
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
<b>AIR FORCE PERSONNEL</b>		
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:

- Relaxation in cut-off percentage up to 10% subject to minimum eligibility requirement.
- Increase in intake capacity up to 5% course-wise.
- Reservation of at least one seat in merit quota in technical/ professional institutions.
- 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 carry out 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/ books 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 adopt 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 interview 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 they are 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	-	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	-	a) MBA (Banking Technology)/ MBA (Finance/ Systems)/ M.Com. Business Finance with a minimum of 55% of marks. b) PGDM of IIMs or equivalent Management Degree with Banking/ Finance/ Systems specializations with a minimum of 55% of marks. c) Professional degrees like C.A., ICWAI, ACS. d) M.E./ M.Tech. (CSE/ IT) or equivalent degree from a recognized university e) Working professionals of BFSI sector/ IT sector with the above academic degrees with minimum number of years experience.	-
102	Biochemistry & Molecular Biology	8	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.	SLOT-I
104	Bioinformatics	-	Master's degree in Bioinformatics/ Life Sciences/ Computer Science/ Physics/ Chemistry/ Applied Mathematics/ Statistics/ IT & Engineering or any other relevant areas with a minimum of 55% of marks.	-
103	Biotechnology	14	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	18	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	-

\* 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 & Engineering/ Computer Science #	14 Full time (Puducherry) 2 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	6	Master's degree in Geology/Applied Geology/Marine Geology/ Geophysics with a minimum of 55% of marks.	SLOT-I
111	Ecology & Environmental Sciences	4*	Master's degree in Ecology & Environmental Sciences or any related branch of Science or Technology with a minimum of 55% of marks.	-
108	Economics	4*	Master's degree in Economics with a minimum of 55% of marks	-
151	Education	-	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	-
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	6	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	14*	Master's degree in English with a minimum of 55% of marks	-
112	Environmental Technology	-	Master's degree in Science/ Technology with a minimum of 55% of marks	-
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	4	Master's degree in Food Science and Technology/Food Engineering/Food Technology/ Food Process Engineering/ Agricultural Engineering/ Chemical Engineering/ Microbiology/Industrial Biotechnology/ Biotechnology with a minimum of 55% of marks	SLOT-III

# Candidate admitted for Ph.D. Programme with

i) Masters in Computer Science & Engineering 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	4	Master's degree in French with a minimum of 55% of marks	SLOT-III
159	Green Energy Technology	10	<b>Bioenergy and Biofuels (1):</b> M.Tech Biotechnology with minimum 55% pass OR M.Tech. Energy/ Green Energy Technology/ Nanotechnology/ Environmental Engineering with B.Tech in Biotechnology with minimum 55% pass. <b>Materials for Energy Conversion and Storage (3):</b> M.Sc. Physics/ Chemistry (with allied Mathematics at BSc level)/ Materials Science with minimum 55% pass OR M.Tech. Energy /Green Energy Technology with B.E./B.Tech in Electrical Engineering/ Electronics with minimum 55% pass. <b>Solar Thermal Energy Technology (1):</b> M.Sc. Physics with minimum 55% pass OR M.Tech Energy/ Thermal Engineering/ Green Energy Technology with minimum 55% pass. <b>Solar Photovoltaics (5):</b> MSc -Physics/ Material Science with 55% pass OR M.Tech Material Science/ Nanotechnology /Energy/ Green Energy Technology with B.E /B.Tech in Material Science /Electronics Engineering with 55% pass.	SLOT-VIII
115	Hindi	5	Master's degree in Hindi with a minimum of 55% of marks	SLOT-V
114	History	4	Master degree in History/ Ancient History and Archaeology with a minimum of 55% of marks.	SLOT-I
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 Specialization HumanResource - 1 Finance - 3 Marketing - 7 Operations - 1 Insurance/ Marketing - 3	12 (Puducherry) 3 (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) #	5	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	-	Master's Degree with 55% of marks in Mass Communication, Journalism, Electronic Media	-
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	-	Master's degree in Mathematics with a minimum of 55% of marks	-
128	Microbiology	7	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	5	M.Sc./ M.Tech in Nanoscience and Technology/ Physics/ Chemistry/ Material Science/ with a minimum of 55% of marks	SLOT-I
120	Philosophy	-	Master's degree in Philosophy with a minimum of 55% of marks	-
121	Physical Education & Sports	6	Master's degree in Physical Education with a minimum of 55% of marks	SLOT-V
122	Physics	12	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	-	Master's or Acharya degree in Sanskrit with a minimum of 55% of marks	-
170	Social Exclusion and Inclusive Policy	-	Master degree in Anthropology/ Sociology / Social Work with a minimum of 55% of marks.	-
153	Social Work	6*	Master's degree in Social Work with a minimum of 55% of marks	-
124	Sociology	5*	Master's degree in Sociology with a minimum of 55% of marks	-
150	South Asian Studies	4	M.A. in Political Science/ International Relations/ South Asian Studies/ Economics/ related Social Sciences disciplines with a minimum of 55% of marks	SLOT-III
161	Southern Asia Studies	-	M.A. in Political Science/ International Relations/ South Asian Studies/ Economics/ History/ Sociology/ Defence Studies or related disciplines with a minimum of 55% of marks	-
149	Statistics	4	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

<p>● ICMR-Vector Control Research Centre (VCRC), Puducherry (Regarding reservation, the Centre follows the policy of Govt. of India and the guidelines of University Grants Commission/Pondicherry University. The syllabus of the question paper will be at PG level and questions will be of objective type nature. The selection of candidates will be as per the University pattern)</p>				
Course Code	Subject	Intake	Eligibility criteria for admission	Date & time of Entrance Examination
129	Zoology	5	Master's degree in Zoology/ Medical Entomology/ Public Health Entomology or any other related area with a minimum of 55% of marks.	SLOT-V
128	Microbiology (Full time - 3 Part time -Int.* - 1)	4	Master's degree in Microbiology (General/ Medical) or Molecular Biology/ Genetics/ Virology/ Immunology or any other related area with a minimum of 55% of marks	SLOT- IX

\* Part-time Ph.D. programme (Permanent employees involved in research at VCRC\* only are eligible)

<p>● ICMR-Regional Medical Research Centre (RMRC), Port Blair, A&amp;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)</p>				
135	Medical Entomology	2	Master's degree in Public Health Entomology/Medical Entomology/ Entomology / Zoology	SLOT-III
171	Medical Microbiology	4	Master's degree in Medical Microbiology/Microbiology/Applied Microbiology/Biotechnology/Molecular Biology	SLOT-VIII

<p>● Zoological Survey of India (ZSI), Port Blair (Admission will be made on All India basis)</p>				
111	Ecology	1	Master's degree in Zoology/Marine Biology/Wildlife Biology/ Wildlife Sciences/ Ecology with a minimum of 55% of marks	SLOT-IX
132	Taxonomy	1	Master's degree in Zoology/Marine Biology/ Wildlife Biology/ Wildlife Sciences/ Ecology Sciences with a minimum of 55% of marks	SLOT-I
133	Zoogeography	-	Master's degree in Zoology/Marine Biology/Wildlife Biology/ Ecology/ Life Sciences with a minimum of 55% of marks	-



- 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 candidates from other states/UTs.)\*

172	Pharmacy	4	Master's degree in Pharmacy with a minimum of 55% of marks or equivalent grade. The degree should have been obtained from an institution approved by the Pharmacy Council of India	SLOT-III
173	Nursing	5	M.Sc(N) of any speciality with a 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 Institution and the admission will be made on All India basis.)

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

- 1) With regard 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, the selection process will be done by the respective college/institution. The admission to the said Ph.D programmes is 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 2021-22.

## 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-I 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 accredited 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-VIII
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 or equivalent grade	SLOT-VII
399	M.A.	Political Science	50	Bachelor's degree in any discipline with a minimum of 50% of marks or equivalent grade	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	40 + 14(SAF students)	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 Mathematics/ Statistics, 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-I
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 other related areas with a minimum of 55% of marks.	SLOT-I
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 the +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-VII
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-I
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-II
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-IX
375	M.Sc.	Statistics	75	Bachelor's degree in Statistics or Mathematics with Mathematical Statistics as an 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 equivalent 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 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*+ 16# (* SAF Sponsored)	B.E/B.Tech in Mechanical, Electrical, Electronics, Chemical or Biotechnology OR M.Sc in Physics, Chemistry, Material Science, Nanoscience or Photonics with Mathematics at B.Sc level with at least 55% marks in the 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 equivalent 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 the 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	<p>a) Bachelor's degree in Engineering/Technology (Computer Science &amp; Engineering/ Information Technology) (OR)</p> <p>b) Bachelor's degree in Computer Science/ Information Technology or Bachelor's degree in Computer Applications or Bachelors of Engineering/Technology degree in ECE (OR)</p> <p>c) Bachelor's degree in Electrical and Electronics Engineering/ Electronics and Instrumentation/ Instrumentation and Control Engineering (OR)</p> <p>d) B.Com. (Computer Applications) (OR)</p> <p>e) Any other Bachelor's degree with PGDCA (only from recognized universities) with a minimum of 55% marks in all degrees/ diploma</p> <p>Note: The candidates who have graduated in the following degrees:</p> <ul style="list-style-type: none"> <li>•BE/B.Tech in Instrumentation and Control Engineering (ICE)</li> <li>•B.Com Computer Applications</li> <li>•Any other Bachelor's Degree with PGDCA, should have studied all the following subjects during their undergraduate course:</li> </ul> <p>a) Minimum one Computer Programming subject</p> <p>b) Minimum one Data base Management subject</p> <p>c) Minimum one Computer Network subject</p> <p>d) Minimum one Information System/System Analysis/ Software Engineering subject</p>	SLOT-I
397	M.B.A.	Business Administration (Puducherry)	168 (148 through CAT Score + 2 Andaman & Nicobar + 18 Foreign & NRI students)	<p>Bachelor's degree in any discipline with a minimum of 50 % of marks.</p> <p>Admissions will be based on CAT scores, Group Discussion and Personal Interview.</p>	Through CAT Score 2020
397	M.B.A	Busniness Adminstration	30 (Karaikal) 30 (Port Blair)	Bachelor's degree in any discipline with a minimum of 50% of marks	SLOT-V
401	M.B.A	Data Analytics	30 + 20 (Self-finance)	Bachelor's degree such as B.Com/ BBA/ BCA/ B.Sc. (Mathematics/Statistics/Computer Science)/ B.E./ B.Tech with 50% marks.	SLOT-V
412	M.B.A	Financial Technology	30 + 20 (Self-finance)	<p>a) B.E./B.Tech. - Any discipline</p> <p>b) B.Com. with any specialization</p> <p>c) B.Sc. Computer Science/ Information Technology/ Statistics/ Mathematics/ Electronics</p> <p>d) BCA</p> <p>e) BBA</p> <p>f) B.A Economics</p> <p>Note: The candidate should have studied the following subjects in their under graduation:</p> <p>1) Statistics/ Mathematics</p> <p>2) Computer Programming/ Database Management</p>	SLOT-I
395	M.B.A.	Insurance Management (Karaikal)	50	Bachelor's degree in any discipline with a minimum of 50% of marks	SLOT-V

Course Code	Title of P.G. course and Subject		Intake	Eligibility criteria for admission	Date & time of Entrance Examination	
382	M.B.A.	International Business	91	Bachelor's degree in any discipline with a minimum of 50 % of marks	Through CAT Score 2020	
383	M.B.A.	Tourism & Travel Management	89	Bachelor's degree in any discipline with a minimum of 50 % of marks	SLOT-V	
351	M.Com.	Business Finance	91 (Puducherry) 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-II	
311	M.Com.	Accounting & Taxation	75	Any Bachelor's degree in Commerce or any other degree with degree level papers in Accounting with a minimum of 50% of marks	SLOT-II	
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	
352	M.C.A.	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. M.P.Ed <b>Admission Procedure</b> Admission shall be made on merit on the basis of marks obtained in the entrance examination and Physical Fitness & Game Proficiency Test as follows:	SLOT-IX  Physical Fitness Test will be conducted at Thiruvalluvar Stadium, Pondicherry University and the students who have attended the Entrance Exam should report there. The dates will intimated separately	
				a) Men		Women
				100 meters Shot-put (16 lbs) 12 minutes run/ walk		100 meters Shot-put (8 lbs) 8 minutes run/ walk
				(b) <b>Games Proficiency Test in any one of the following games:</b> Badminton, Basketball, Cricket, Football, Handball, Hockey, Kabaddi, Kho-Kho, Tennis and Volleyball. (a and b) Maximum: 50 marks. Practical = 50 % Marks Entrance Examination (Theory) = 50 % Marks (only those students who have attended the Entrance Examination are eligible for Physical Fitness Test.)		

Course Code	Title of P.G. course and Subject		Intake	Eligibility criteria for admission	Date & time of Entrance Examination
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

3801	M.Sc.	Applied Geology	39	Pass in +2 with 50% of marks and should have studied Physics, Chemistry and Mathematics	SLOT-VI
3802	M.Sc.	Chemistry	39		
3803	M.Sc.	Physics	39		

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

3841	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-VI
3842	M.Sc.	Computer Science	25		
3843	M.Sc.	Statistics	25		

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

3151	M.A.	History	25	Pass in +2 with a minimum of 50% of marks	SLOT-III
3152	M.A.	Political Science	25		
3153	M.A.	Sociology	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	<p>Candidates seeking admission for the M.A (SEAL) (Five Year Integrated Programme) Course are required to pass :</p> <p>i) The Higher Secondary, Intermediate or Senior Secondary School Certificate Exam, conducted by the Centre or State Government Board</p> <p>OR</p> <p>ii) The Pre- University or Pre-Degree Examination of a recognized university</p> <p>OR</p> <p>iii) The French Baccalaureate or any other qualification equivalent to the above mentioned qualifications approved by the Academic Council of the University.</p> <p>iv) The candidate should have a minimum score of 50% in the qualifying examination.</p>	SLOT-III
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## 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
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-I

### ● Post Graduate Programmes in Self Finance 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-I
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.	SLOT-V
414	M.B.A	Logistics & Supply Chain Management	50	Any graduate degree with 50% marks is eligible.	SLOT-V

*For MBA (Data Analytics) and MBA(Financial Technology) offered on Self Finance mode, refer page 42*

**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		Initial 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 Nationals (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		6659645681
3.	Matriculation Fee		500		
4.	Recognition Fee		500		
5.	Sports Fund		250	250	
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
	<b>TOTAL Humanities</b>		<b>17551</b>	<b>5750</b>	
	<b>TOTAL Science</b>		<b>24551</b>	<b>11750</b>	

● Fee Table:2 - Ph.D. Programmes PART-TIME EXTERNAL (in ₹)					
Sl. No	Item		Initial 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 Nationals (per annum) SAARC / Developing Countries	Humanities	US \$ 250	US \$ 250	
		Science	US \$ 500	US \$ 500	
	Developed Countries & NRIs	Humanities	US \$ 750	US \$ 750	
		Science	US \$ 1250	US \$ 1250	
2.	Registration Fee		1000		6659345681
3.	Matriculation Fee		500		
4.	Recognition Fee		500		
5.	Sports Fund		250	250	
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 Nationals/SAARC / Developing Countries	US \$ 350	US \$ 350	US \$ 350	US \$ 350	
	Developed Countries & NRIs	US \$ 500	US \$ 500	US \$ 500	US \$ 500	
2.	Registration Fee	300				6659345681
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				845872540
17.	University Development Fund	1200				6659355859
	<b>TOTAL</b>	<b>19018</b>	<b>1700</b>	<b>9700</b>	<b>1700</b>	

● 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
1.	Tuition Fee	3000	3000	3000	3000
	For Foreign Nationals/SAARC / Developing Countries	US \$ 350	US \$ 350	US \$ 350	US \$ 350
	Developed Countries & NRIs	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			
	<b>TOTAL (Except P.G. Diploma courses)</b>	<b>20518</b>	<b>3200</b>	<b>11200</b>	<b>3200</b>
	<b>TOTAL P.G. Diploma courses only</b>	<b>20459</b>	<b>3200</b>		



● 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 Nationals/SAARC / Developing Countries	US \$ 350	US \$ 350	US \$ 350	US \$ 350	
	Developed Countries & NRIs	US \$ 500	US \$ 500	US \$ 500	US \$ 500	
2.	Registration Fee	300				
3.	Matriculation Fee	100				6659345681
4.	Recognition Fee	400				
5.	Sports Fund	500		500		
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
<b>TOTAL M.Sc/ M.Tech</b>		<b>23018</b>	<b>3200</b>	<b>13700</b>	<b>3200</b>	

● Fee Table: 6 - 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 Nationals/SAARC / Developing Countries	US \$ 350	US \$ 350	US \$ 350	US \$ 350	
	Developed Countries & NRIs	US \$ 500	US \$ 500	US \$ 500	US \$ 500	
2.	Registration Fee	300				
3.	Matriculation Fee	100				6659345681
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	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
<b>TOTAL</b>		<b>34318</b>	<b>3000</b>	<b>30000</b>	<b>3000</b>	

● 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 Nationals/SAARC / Developing Countries	US \$ 350	US \$ 350	US \$ 350	US \$ 350	
	Developed Countries & NRIs	US\$ 500	US \$ 500	US \$ 500	US \$ 500	
2.	Registration Fee	300				
3.	Matriculation Fee	100				6659345681
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	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
	<b>TOTAL</b>	<b>34118</b>	<b>3000</b>	<b>30000</b>	<b>3000</b>	

● Fee Table: 8- LLM Programmes

(in ₹)

Sl. No	Item	Trimester			Account No.
		I	II	III	
1.	Tuition Fee	4000	4000	4000	6659344508
	For Foreign Nationals/ SAARC / Developing Countries	US \$ 350	US \$ 350	US \$ 350	
	Developed Countries & NRIs	US \$ 500	US \$ 500	US \$ 500	
2.	Registration Fee	300			6659345681
3.	Matriculation Fee	100			
4.	Recognition Fee	400			
5.	Sports Fund	500			
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
	<b>TOTAL</b>	<b>22459</b>	<b>4200</b>	<b>4200</b>	

● 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*	6659344508
1.	Tuition Fee	3000	3000	3000	
	For Foreign Nationals/ SAARC / Developing Countries	US \$ 350	US \$ 350	US \$ 350	
	Developed Countries & NRIs	US \$ 500	US \$ 500	US \$ 500	
2.	Registration Fee	300			
3.	Matriculation Fee	100			
4.	Recognition Fee	400			6659345681
5.	Sports Fund	500		500	
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 Nationals/ SAARC / Developing Countries	US\$1000	US\$1000	US\$1000	US\$1000	
	Developed Countries & NRIs	US \$ 2000	US \$ 2000	US \$ 2000	US \$ 2000	
2.	Registration Fee	300				
3.	Matriculation Fee	100				6659345681
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	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



● Fee Table: 11 - MBA Programmes (on Self-Financing basis)

(in ₹)

Sl. No	Item	Semester				Account No
		I	II	III	IV	
1.	Tuition Fee	50000	50000	50000	50000	6659344508
	For Foreign Nationals/ SAARC / Developing Countries	US\$1000	US\$1000	US\$1000	US\$1000	
	Developed Countries & NRIs	US \$ 2000	US \$ 2000	US \$ 2000	US \$ 2000	
2.	Registration Fee	300				6659345681
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
	<b>TOTAL</b>	<b>115718</b>	<b>50000</b>	<b>110600</b>	<b>50000</b>	

● Fee Table: 12 - MBA (Part Time) Programmes (on Self-Financing basis)

(in ₹)

Sl. No	Item	Semester						Account No
		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
	<b>TOTAL</b>	<b>95600</b>	<b>40000</b>	<b>90600</b>	<b>40000</b>	<b>40000</b>	<b>40000</b>	

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

(in ₹)

Sl. No	Item	Semester				Account No
		I	II	III	IV	
1.	Tuition Fee	22000	11000	11000	11000	6659344508
	For Foreign Nationals/ SAARC / Developing Countries	US \$ 1000	US \$ 1000	US \$ 1000	US \$ 1000	
	Developed Countries & NRIs	US \$ 2000	US \$ 2000	US \$ 2000	US \$ 2000	
2.	Registration	300				6659345681
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.	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				6659355859
20.	University Development Fund	1200				
	<b>TOTAL</b>	<b>64318</b>	<b>40000</b>	<b>45000</b>	<b>40000</b>	

#### 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. Examination 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:

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

The Vice-Chancellor, or any other officer on his behalf, 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 the date notified by the university.**

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 the 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 the 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 merit basis, based on the recommendations of Head of the Department, subject approval of the Chief Warden and availability of rooms. Preference will be given to students coming from distant places.

## Hostel fees

**Refundable:** A 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 the 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 for SC/ ST students (copy of community certificate duly attested by a Gazetted Officer is to be produced). Rent free accommodation is 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 as well as from the department by the University authority whose interpretation of the rules shall be final.

A 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 dining by Hostel residents the use 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

### for Girls (per day per head)

- PG Students : Rs. 65
- Ph.D. Scholars : Rs. 71

### for Boys (Per day per head)

- PG Students : Rs. 65
- Ph.D. Scholars : Rs. 76

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/SRF. 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 and in the 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:

- disruption of classroom activity or hindering the learning of other students anywhere in the University;
- copying / cheating in examinations and assignments;
- 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;
- posting posters or conducting students' meetings / protests / processions within the campus without prior permission of the University authorities;
- the possession or use of intoxicating beverages inside the campus;
- the possession or use of illicit drugs inside the campus;
- the falsification of documents or providing false information in order to obtain admission to classes;
- the possession of weapons; and
- the failure to return loaned materials or settle dues to the University

## **Disciplinary Measures**

**Disciplinary action may include:**

- Reprimand or warning;
- fail mark for an assignment or course;
- suspension for a semester or more
- withholding of official transcripts;
- suspension of campus privileges including hostel accommodation;
- suspension or expulsion from the University;
- 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 the 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.**

- 120. Anthropology
- 69. Economics
- 108. English & Comparative Literature
- 110. French (Translation & Interpretation)
- 111. Hindi
- 123. History
- 131. Human Rights & Inclusive Policy
- 138. Mass Communication
- 113. Philosophy
- 124. Politics and International Relations
- 124. Political Science
- 112. Sanskrit
- 121. Sociology
- 128. South Asian Studies
- 59. Tamil
- 130. Women's Studies

**M.Sc.**

- 87. Applied Geology
- 90. Applied Psychology
- 94. Biochemistry & Molecular Biology
- 102. Bioinformatics
- 96. Biotechnology
- 84. Chemistry
- 149. Computer Science
- 151. Computer Science (Karaikal)
- 91. Disaster Management
- 98. Ecology
- 98. Environmental Sciences
- 138. Electronic Media
- 100. Food Science and Nutrition
- 100. Food Science and Technology
- 105. Marine Biology
- 78. Mathematics
- 101. Microbiology
- 82. Physics
- 79. Statistics

Pg. No.

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

- 87. Applied Geology
- 84. Chemistry
- 148. Computer Science
- 123. History
- 78. Mathematics
- 82. Physics
- 124. Political Science
- 121. Sociology
- 79. Statistics
- 125. Social & Economic Administration and Law (SEAL)

**M.Tech.**

- 148. Computer Science & Engineering
- 102. Computational Biology
- 149. Communication and Information Systems (Self Finance)
- 152. Electronics & Communication Engineering
- 153. Environmental Engineering & Management
- 156. Green Energy Technology
- 158. Nanoscience & Technology
- 149. Network & Information Security

**MBA**

- 72. Banking Technology
- 72. Financial Technology (Self Finance)
- 62. Business Administration
- 64. Business Administration (Karaikal)
- 66. Business Administration (Port Blair)
- 62. Data Analytics (Self Finance)
- 64. Insurance Management
- 75. International Business
- 75. Logistics & Supply Chain Management (Self Finance)
- 70. Tourism & Travel Management
- 62. MBA Business Administration (Part-Time) (Self Finance)

Pg. No.

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

- 149. Computer Applications
- 151. Computer Applications (Karaikal)
- 67. Business Finance
- 68. Business Finance (Karaikal)
- 67. Accounting & Taxation
- 146. Library and Information Science
- 160. L.L.M
- 133. Master of Education
- 117. Master of Performing Arts (Drama & Theatre Arts)
- 114. Physical Education & Sports
- 122. Master of Social Work

**Ph.D.**

- 134. Adult & Continuing Education
- 120. Anthropology
- 90. Applied Psychology
- 115. Asian Christian Studies
- 72. Banking Technology
- 94. Biochemistry & Molecular Biology
- 102. Bioinformatics
- 96. Biotechnology
- 84. Chemistry
- 67. Commerce
- 68. Commerce (Karaikal)
- 149. Computer Science & Engineering/ Computer Science
- 151. Computer Science (Karaikal)
- 91. Disaster Management
- 117. Drama & Theatre Arts
- 87. Earth Sciences
- 98. Ecology & Environmental Sciences
- 69. Economics
- 133. Education
- 138. Electronic Media
- 152. Electronics & Communication Engineering
- 108. English
- 127. European Studies
- 153. Environmental Technology

Pg. No.

- 100. Food Science & Nutrition
- 100. Food Science & Technology
- 110. French
- 156. Green Energy Technology
- 111. Hindi
- 123. History
- 75. International Business
- 146. Library & Information Science
- 105. Marine Biology
- 138. Mass Communication
- 62. Management
- 64. Management (Karaikal)
- 132. Maritime Studies
- 78. Mathematics
- 101. Microbiology
- 158. Nano Science & Technology
- 113. Philosophy
- 114. Physical Education & Sports
- 82. Physics
- 124. Politics & International Studies
- 112. Sanskrit
- 131. Social Exclusion and Inclusive Policies
- 122. Social Work
- 121. Sociology
- 128. South Asian Studies
- 129. Southern Asia Studies
- 79. Statistics
- 59. Tamil
- 70. Tourism Studies
- 130. Women's Studies

**P.G. DIPLOMA**

- 160. Criminology & Forensic Science
- 160. Intellectual Property Rights

## SCHOOLS & DEPARTMENTS/ CENTRES

Pg. No.

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

**61. School of Management**

- 62. Department of Management Studies
- 64. Department of Management (Karaikal)
- 66. Department of Management (Port Blair)
- 67. Department of Commerce
- 68. Department of Commerce (Karaikal)
- 69. Department of Economics
- 70. Department of Tourism Studies
- 72. Department of Banking Technology
- 75. Department of International Business

**77. Ramanujan School of Mathematical Sciences**

- 78. Department of Mathematics
- 79. Department of Statistics

**81. School of Physical, Chemical and Applied Sciences**

- 82. Department of Physics
- 84. Department of Chemistry
- 87. Department of Earth Sciences
- 90. Department of Applied Psychology
- 91. Department of Coastal Disaster Management

**93. School of Life Sciences**

- 94. Department of Biochemistry & Molecular Biology
- 96. Department of Biotechnology
- 98. Department of Ecology & Environmental Sciences
- 100. Department of Food Science and Technology
- 101. Department of Microbiology
- 102. Centre for Bioinformatics
- 105. Department of Ocean Studies & Marine Biology

**107. School of Humanities**

- 108. Department of English
- 110. Department of French
- 111. Department of Hindi
- 112. Department of Sanskrit
- 113. Department of Philosophy
- 114. Department of Physical Education and Sports
- 115. Centre for Foreign Languages
- 115. Escande Chair in Asian Christian Studies

Pg. No.

**116. School of Performing Arts**

- 117. Department of Performing Arts

**119. School of Social Sciences and International Studies**

- 120. Department of Anthropology
- 121. Department of Sociology
- 122. Department of Social Work
- 123. Department of History
- 124. Department of Politics & International Studies
- 127. Centre for European Studies
- 128. UNESCO Madanjeet Singh Institute of South Asia Regional Cooperation (UMISARC) & Centre for South Asian Studies
- 129. UGC Centre for Southern Asia Studies
- 130. Centre for Women's Studies
- 131. Centre for Study of Social Exclusion and Inclusive Policy
- 132. UGC Centre for Maritime Studies

**133. School of Education**

- 134. Centre for Adult & Continuing Education

**135. School of Medical Sciences**

**136. School of Media & Communication**

- 138. Department of Electronic Media & Mass Communication
- 146. Department of Library & Information Sciences

**148. School of Engineering & Technology**

- 149. Department of Computer Science
- 151. Department of Computer Science (Karaikal)
- 152. Department of Electronics Engineering
- 153. Centre for Pollution Control and Environmental Engineering

**155. Madanjeet School of Green Energy Technologies**

- 156. Department of Green Energy Technology
- 158. Centre for Nanoscience and Technology

**160. School of Law**

**168. Students Welfare**

# SRI SUBRAMANIA BHARATHI SCHOOL OF TAMIL LANGUAGE AND LITERATURE

Dean: Prof. G. Chandhrika



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 focuses on several academic and research activities for the betterment of Tamil language & literature. Every year, the School of Tamil conducts the following academic activities for the benefit of the students, scholars as well as faculty members of the School of Tamil

1. Endowment Lectures
2. Guest Lectures
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 by the School of Tamil are working as Assistant Professors, Associate Professors and Professors in various government colleges, universities and private 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 16 scholars are doing research for Ph.D in the School and all the Scholars have qualified for UGC-JRF. 2 Post Doctoral Fellowship (PDF) scholars are also 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 and Folklore. 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 has a Library which has over 3000 books for the benefit of M.A./Ph.D., students/scholars. The School of Tamil has a Seminar Hall with public address system and LCD Project including A/C facilities.

The School has completed the 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**

Dean

**Dr. G. Chandhrika, Ph.D.**

(Annamalai University, Annamalai Nagar)

**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, Childrens's lore 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

## ***Port Blair Campus***

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.

### **Doctoral Programmes**

Ph.D. in Commerce

Ph.D. in Economics

Ph.D. in Management

Ph.D. in Tourism Studies

Ph.D. in Banking Technology

Ph.D. in International Business

### **Masters' Programmes**

M.A. (Economics)

M.Com. (Business Finance)

M.Com. (Accounting & Taxation)

Master of Business Administration

MBA (Data Analytics)

MBA Part-Time

MBA (Tourism & Travel Management)

MBA (Banking Technology)

MBA (Financial Technology)

MBA (International Business )

MBA (Logistics & Supply Chain Management)

MBA (Insurance Management)





# 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 50 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 the community of analysts in the areas of research and business.

## ● PROGRAMMES OF STUDY

**M.B.A. (Business Administration)**  
**M.B.A. Data Analytics (Regular & Self-Finance)**  
**M.B.A. Part-Time (self-finance)**  
**Ph.D. Management (Full Time & Part Time)**

## ● ENTRANCE EXAMINATION

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

The Department admits 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) in DMS

The Department admits students for its MBA (Data Analytics) programme through University Entrance Examination

### Admission Process for M.B.A (Part-Time) in DMS.

The Department admits students for its MBA (Part Time) Programme through University Entrance Examination.

The University entrance examination question paper pattern for MBA (Data Analytics) and MBA (Part Time) is as follows:

<b>Section A-</b>	English Comprehension	20 Questions
<b>Section B-</b>	Quantitative Aptitude	20 Questions
<b>Section C-</b>	Logical Reasoning	20 Questions
<b>Section D-</b>	Data Interpretation	20 Questions
<b>Section E-</b>	General Awareness	20 Questions

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

Admission to the 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 (Blended mode of teaching)
3. MBA Data Analytics – 2 years (4 semesters) Full time programme under regular and 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.

## STUDENT EXCHANGE OPPORTUNITY

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. MOU with the German partner university is supported by the prestigious Erasmus scholarship from the European Union.

## THRUST AREAS OF RESEARCH

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



## 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 .

## PLACEMENT OF STUDENTS

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 Anandkumar, 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 MANAGEMENT (DoM) (KARAIKAL CAMPUS)

### School of Management

The Department of Management (DoM) was established at Pondicherry University, Karaikal Campus in the academic year 2009-10, offering M.B.A. (Insurance Management) and Ph.D. (Management). The Department will be offering General M.B.A. (Dual Specialization) from the academic year 2021-22. The sanctioned intake for M.B.A. (Insurance Management) is 50 and General M.B.A. (Dual Specialization) is 30 for the academic year 2021-22.

**M.B.A. (Insurance Management) (two-year full-time programme)** was initiated by Pondicherry University ascertaining the escalating need for sectoral MBA programmes for aspiring students and also due to the prosperous growth of the Insurance sector after the year 2000 in India. The course curriculum is updated periodically based on the developments in government policies and Insurance industry needs in India. The Department has been catering to the needs of the Insurance sector by imparting knowledge and skills in different areas of Insurance. The alumni of the Department have been quickly climbing up the career ladder by occupying higher positions in various general and life Insurance companies both in the public and private sectors in India and abroad. The Department offers unique specialised courses in the second year like fire Insurance, motor Insurance, health Insurance, liability Insurance, digital Insurance etc. along with any one functional specialisation like Marketing, Finance and Human Resource Management.

**M.B.A. (Business Administration) (two-year full-time programme)** is offered at Karaikal Campus in view of the growing demand for the general M.B.A. programme among aspiring students in India and abroad, with functional specialisations like Marketing, Finance, Human Resource, Information Systems and Operations Management.

#### ● PROGRAMMES OF STUDY

M.B.A. (Insurance Management)  
M.B.A (Business Administration)  
Ph.D. Management (Full Time & Part Time)

#### ● ENTRANCE EXAMINATION

The Entrance Test for MBA (Insurance Management) and MBA (Business Administration) Programme will be conducted by the University consisting of questions in the following areas.

Section A-	English Comprehension	20 Marks
Section B-	Quantitative 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 programmes and the selection process will be done by the University as per norms of merit and statutory reservations.

**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
9. Entrepreneurship

### ACHIEVEMENTS

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 publications like Emerald Insight, Sage Publications, Inderscience, EBSCO. journals indexed in Scopus, ABDC, UGC recognized journals etc., in various functional disciplines of Management and published books with reputed publishers like Pearson Education, Prentice Hall of India, Vikas Publishing House, Lambert Academic Publishing, Himalaya Publications, etc.

### HIGHLIGHTS OF THE CURRICULUM

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.

### PLACEMENTS

Leading companies in insurance sector and all leading insurance verticals of consultancy firms visit the department for recruiting students for final placement and internships. The Department has been achieving 100% student placements every year in Life Insurance, General Insurance, Insurance verticals of Consultancy firms, Banks and Insurance Broking firms. Companies like IFFCO TOKIO General, TATA AIG, Bharti AXA, HDFC ERGO etc. are the top campus recruiters and students are being placed in the areas of underwriting, claims, agency relations, etc., in these companies every year.

## ALUMNI ASSOCIATION

The Department has a formal Alumni Association with elected office bearers in which all the Alumni are life members. An 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. The Alumni Association is planning to create an Endowment Fund to assist the students from economically weaker sections of the Department.

## 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.

## FACULTY

### Professor & Head

**S. A. Senthil Kumar, Ph.D. PDF (USA)**

(Bharathiar University, Coimbatore)

Specialization: Insurance Management, Health Insurance, Human Resource Management and Healthcare Management.

### Professor

**Lalitha Ramakrishnan, Ph.D.**

(Sri Venkateswara University, Tirupati)

Specialization: Marketing Management, Strategic 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)

Specialization: Marketing Management, Management Information Systems, Digital Marketing, Brand Marketing, Life Insurance and Digital Insurance.

## DEPARTMENT OF MANAGEMENT (PORT BLAIR CAMPUS)

School of Management

The Department of Management (DoM) has established at Pondicherry University, Port Blair Campus from the academic year 2021-22, offering M.B.A. two year full time programme with dual specialization with a sanctioned intake of 30. The Department is committed to the development of youth as management professionals and entrepreneurs.

### ● PROGRAMMES OF STUDY

**M.B.A. (Business Administration)**

### ● ENTRANCE EXAMINATION

The Department admits students for its MBA programme through the University Entrance Examination. The University entrance examination question paper pattern is as follows:

<b>Section A-</b>	English Comprehension	20 Questions
<b>Section B-</b>	Quantitative Aptitude	20 Questions
<b>Section C-</b>	Logical Reasoning	20 Questions
<b>Section D-</b>	Data Interpretation	20 Questions
<b>Section E-</b>	General Awareness	20 Questions

The programme prepares students for a successful professional career in management. While the first year of the programme is 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 specializations. 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 and Operations.

For this programme, weekly guest lectures by eminent persons from industry and academia, industrial visits, and placement-training programmes/ workshops are organized. Besides, an annual Industry Institute Interface event brings together top executives from the industry for intense panel discussions by sharing industry expectations and experience with the students.

### THRUST AREAS OF RESEARCH

1. Marketing
2. Finance
3. Human Resources
4. Operations
5. Entrepreneurship



# 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 a 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.

The Department also offers a Ph.D. programme and encourages research in the field of Accounting, Finance, Banking, Stock Markets and other related fields.

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 in

### PROGRAMMES OF STUDY

**M.Com.** (Business Finance)  
**M.Com.** (Accounting & Taxation)  
**Ph.D.** Commerce

### ENTRANCE EXAMINATION

The Entrance Examination for M.Com Business Finance, consists of 100 multiple choice questions on Accounting, Banking, Marketing, Taxation, Costing, Statistics, Auditing, Legal Aspects of Business, Business Economics and Human Resource Management  
Only JRF in Commerce qualified candidates are eligible for Ph.D admission.

### FACULTY

#### Professor & Head

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

#### 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 Research Methodology.

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

### INFRASTRUCTURE FACILITIES

The Department is housed in the School of Management building with spacious air conditioned classrooms, overhead LCD projectors and well a equipped common computer lab with 50 computers (with internet connection). In addition, students 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 in the areas of Finance, Consultancies. Accounting and Taxation. Many more have undertaken research studies. Placement assistance is also provided by the Department.

## 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 to the M.Com (Business Finance) programme will be based on the entrance examination conducted by the University. Entrance Exam consists of 100 Multiple Choice Questions on Accounting, Banking, Marketing, Taxation, Costing, Auditing, Legal aspects of Business, Economics and Human Resource Management.

Only JRF in Commerce qualified candidates are eligible for Ph.D admission.

#### 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: E-Commerce, E-Banking, Logistics, Entrepreneurial Finance, Behavioural Science, Business Research and Data Analytics.

#### INFRASTRUCTURE FACILITIES

The Department has modernized infrastructure needed for 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 computational facilities, 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. The Department also has placement activities to facilitate the recruitment of students.



# 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)**

### 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 the UGC-NET/JRF and SLET examinations. Many of the students of the 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 & Head

**Amaresh Samantaraya, Ph.D.**

(University of Hyderabad, Hyderabad)

*Specialization:* Monetary Economics, Macroeconomics, Economics of Money and Banking and Applied Econometrics.

#### Professors

**M. Ramachandran, Ph.D.**

(University of Hyderabad, Hyderabad)

*Specialization:* Open Economy, Macroeconomics, Applied Econometrics and Public Economics.

**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 Entrepreneurship 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 the Master of Tourism Administration degree with special funding from the Ministry of Tourism, Government of India way back in 1991. The Department offers a two-year full-time MBA (TTM) programme along with a research programme leading to the award of the Ph.D. degree in Tourism Studies. This programme is designed to attract aspiring graduates to have a professional bend of mind to learn and equip themselves with specialized knowledge, skills and competencies to lead tourism and allied areas of businesses. The Ph.D programme largely attracts UGC JRF scholars for carrying out cutting-edge research studies to create and disseminate new knowledge and excel in teaching, research and outreach activities.

The Department maintains a very close rapport for collaboration with its proud members of alumni for lucrative placements and enrichment academic activities. As a result, an impeccable and impressive track record of placements from its inception has been achievable by making use of the positions of alumni in leading tourism companies and corporate houses in India and abroad.

This is the only Tourism Department in the country which is privileged to have been funded by the UGC with its Special Assistance Program (SAP) at DRS Level-II

Apart from the regular curriculum, the students are encouraged to participate in extracurricular and co-curricular activities for a holistic development of their personality. With the active support of alumni, industry, local community and the University, the Department has been maintaining a competitive advantage that has widened much scope for being a potential Centre of Excellence in Tourism Management education, consultancy research, training and extension works. The Department is a member of professional bodies such as the Travel Agents Association of India (TAAI), Indian Association of Tour Operators (IATO) and South Indian Hotels and Restaurants Association (SIHRA) for collaboration in curriculum development, expert lectures, training, scholarships and placements.

## 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**

#### MBA (TTM)

Admission of students to the two-year MBA (Tourism & Travel Management) programme is based on the University entrance scores secured by the candidates. The University entrance examination question paper pattern for MBA (TTM) is as follows

<b>Section A-</b>	English Comprehension	20 Questions
<b>Section B-</b>	Quantitative Aptitude	20 Questions
<b>Section C-</b>	Logical Reasoning	20 Questions
<b>Section D-</b>	Data Interpretation	20 Questions
<b>Section E-</b>	General Awareness	20 Questions

#### 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 the research proposal and presentation and interaction. There are four vacancies for the academic year 2021-22, 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 along with print and e-books, reports, etc.

## COURSE CURRICULUM

The course curriculum of MBA (TTM) divided into four semesters with 103 credits is focused on core management and core tourism subjects along with specialized and value-allied subjects. The broad objective of the curriculum is to enhance domain knowledge and essential employability skills & competencies of the students to think and act independently in starting new tourism business ventures. The students are trained to be confident and to be positive in taking leadership roles and 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 employability skills and competencies

## CO-CURRICULAR ACTIVITIES

The Department conducts special training sessions for the 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 to equip the students with all essential and desirable skills and competencies to compete for jobs and entrepreneurial ventures in the industry very confidently. The MBA (TTM) students, as part of their curriculum undertake 6 to 8 weeks of Internship Training for familiarization of organizational work culture and functioning of the 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 named 'AKANKSHA' during the even semester. The event helps build and nurture long-term relationships with the industry and academic bodies. About two dozen distinguished industry and academic leaders participate in various panel discussions to deliberate on the burning issues of tourism, travel contributions and hospitality industries. An exclusive panel discussion is conducted with the distinguished alumni members for the students to get motivated to follow the path of their success or outwit the alumni with self-confidence.

**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 programs.

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

## PLACEMENTS

Placement is an outcome of the MBA (TTM) program that the Department is committed to preparing the students with soft skills to fetch suitable jobs with attractive pay packages. 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 at the conference.

With the support of UGC through its funding for the Special Assistance Programme, the Department organized a workshop/ symposium on various themes related to the tourism industry from 2009 to 2020.

In addition, faculty members have made remarkable contributions through the publication of research papers in ABDC journals, execution of funded projects, extension of consultancy services, conducting training programmes and acting as resource persons in seminars/workshops/symposia and becoming members of the national level committees for the development of Tourism and Hospitality Management curriculum.

## FACULTY

### Professor & Head

**Sampada Kumar Swain, Ph.D & D.Litt.** (Utkal University)

*Specialization:* Sustainable Tourism, Ecotourism, Responsible Tourism and Tour operation/ Travel Agency Management

### Professor

**Y. Venkata Rao, Ph.D.** (Tezpur University)

*Specialization:* Human Resource Management, International Management and Organizational Behaviour.

### Assistant Professors

**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 during the academic year 2005-06 to offer a specialized M.B.A. programme in Banking Technology. 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 adequate faculty members and state-of-art Computer Lab facility. The Department offers an inter-disciplinary Ph.D. Programme in the area of Management and Computer Science & Engineering from the academic year 2009-2010. A specialized and self-financed MBA programme in Financial Technology is 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 Enabled Services offered by BFSI sector.**

## PROGRAMMES OF STUDY

MBA (Banking Technology)  
MBA (Financial Technology)  
Ph.D. Banking Technology

## ENTRANCE EXAMINATION

The Entrance Exam for MBA Banking Technology/ MBA Financial Technology programme will be conducted by the University in select centres all over India. The Entrance Test generally consists of questions from the following Sections:

<b>Section A</b>	English Comprehension	20 Marks
<b>Section B</b>	Quantitative Aptitude /Business Maths	20 Marks
<b>Section C</b>	Basic Statistics & Data Interpretation	20 Marks
<b>Section D</b>	Information Technology/ Computer Science & Engineering	20 Marks
<b>Section E</b>	General Business Awareness	20 Marks

Candidates need to submit online the applications for MBA Banking Technology/ MBA Financial Technology programmes separately. The selection will be based on the University Entrance Examination scores.

## 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. The entrance test is for 100 marks. The Entrance Test consists of 80 objective type questions drawn from domain specific subjects at the Post Graduate level and 20 questions 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, Commodity 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, namely 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

The Department has introduced a new specialized MBA programme in Financial Technology from the academic year 2020-21. 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 careers in Financial Services, Insurance, Management, Consulting, Technology, Digital business and Data analytics.

## Focus:

**M.B.A. (Financial Technology)** is a new specialized inter-disciplinary programme primarily focused on developing manpower with know-how and know-why skills required to transform and manage 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, Artificial Intelligence areas as well as those seeking career advancement, especially engineers, mathematicians, 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 knowledge in the working of Finance, Operations, Manufacturing, Sales & Marketing and Human Resource Management.
- Developing skills in 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
3. Summer Internship in Fintech Companies/ Digital Business Organizations
4. Soft skill training by professionals
5. Digital Technology training at Fintech Companies
6. Case studies on Fortune 500 Companies
7. Forex and Stock Market Trading Training
8. Bloomberg and CMIE Database based courses
9. Digital Library with OPAC system and Wi-Fi enabled campus

### Internships & Project Work

The students undergo Winter Industrial Internship (15 days) to understand the real time business environment of an organization. In summer, the students undergo Banking Internship (45 days) at public sector banks like Indian Bank, SBI and Indian Overseas Bank to familiarize themselves with Branch Operations, Deposits Accounts, Delivery Channels, Loans and Advances, Credit Management, Customer Management, Technology Management, Backend Operations, Agency services, etc.

The final project work involves the developing of an application by the students in Information Technology and Finance by applying theoretical/ conceptual understanding gained during the course of the study.

### Industrial Visits

The Department organizes industrial visits every year to various parts of the country to gain real time know-hows of the industry. In the final year, Industrial visits are organized to visit prominent financial institutions of the country like RBI, IDBRT SEBI, Stock Exchanges (NSE, BSE), etc., and to various other reputed IT companies.

### MOUs

The Department has MOUs with leading institutes like IDBRT, NSE, ESCI & IIBF.

### Additional Certification through the above MOUs:

The Department facilitates the students to undergo the following value-added certification programmes.

- Beginner's module certification in Currency Derivatives, Financial Markets, Mutual Funds and Securities Market.
- Beginner's module certification in Information Security Auditors, Back Office Operative, Privacy and Security in Online Social Media Data Analytics.
- Certification in Bloomberg Market Concepts

### 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, Financial Services and Insurance (BFSI) sectors. This programme is open to both Management (MBA/ M.Com) and Computer Science and Engineering (M.Tech. Computer Science & IT/ MCA /M.Sc. Computer Science/IT) streams.

### Thrust Areas of Research

- Banking Technology Management, Financial Management, Management of Banking & Financial Institutions, Financial Technology services
- Security Analysis and Portfolio Management, Derivatives Management, International Banking.
- Information Security, Data Warehousing & Data Mining, Network Management, Software Architecture, Cyber-crimes, Big Data Analytics, Machine learning, Blockchain Technology, Artificial Intelligence, etc.

This programme is open for the following streams of candidates only:

- MBA (Banking Technology)/ MBA (Finance/ systems)/ M.Com. with working knowledge in computer applications.
- PGDM in IIMs or equivalent Management degree with Banking/ Finance/ Systems specializations.
- Professional degrees like C.A., ICWAI, ACS
- M.E./ M.Tech/ M.S/ M.Sc. (Computer Science/ Information Technology)/ MCA.
- Working Professionals of BFSI verticals with Post Graduation with CAIIB certification or equivalent certification.
- Working Professionals of IT sector/ Consultant firms with Post Graduation and additional Professional Certification, namely CISCO, ISACA, PMI, ORACLE, MICROSOFT, etc.

### 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 a good number of IT companies as well as Banking and Financial institutions including RBI. 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: the flagship companies wherein the students are placed. The Flagship companies include: TCS, HCL Technologies, Oracle, MindTree, Zafin Labs, Reserve Bank of India, Bank of America, Royal Bank of Scotland, Public Sector Banks like IOB, SBI, UCO Bank, Indian Bank, Bank of Maharashtra, IDBI, etc.; Private Sector Banks like HDFC, City Union Bank, Lakshmi Vilas Bank, ICICI Bank, Axis Bank, Catholilc Syrian Bank, Federal Bank, IndusInd

Bank, Bandhan Bank; small banks like Suryoday Small Finance Bank, ESAF Small Finance Bank, NBFCs like Cholamandalam Finance, TVS Finance, etc. The Department provides all the required assistance for campus placement activities.

### FACULTY

#### Professor & Head

**S. Sudalaimuthu, Ph.D.** (Bharathiyar University)

*Specialization:* Accounting, Corporate Finance and System.

#### 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.

**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 Securities, 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-Oriented 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 has been attracting investments from giant global business players of multiple 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 during the academic year 2006-07, established 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**  
 (Self -Financing)  
**Ph.D. Management (International Business)**

### ● ENTRANCE EXAMINATION / ADMISSION PROCESS

**MBA (International Business):** The admission for the M.B.A. (International Business) programme is based on the CAT (Common Admission Test) Score. The shortlisted candidates will be called for counselling and admission. The admission details and dates will be notified in the University website ([www.pondiuni.edu.in](http://www.pondiuni.edu.in)). Candidates should apply online as per the instructions.

**MBA (Logistics & Supply Chain Management) – Self Financing:** The admission for MBA Logistics & Supply Chain Management programme is through the University Entrance Examination. The University entrance examination question paper pattern for MBA (L&SC) is as follows

<b>Section A-</b>	English Comprehension	20 Questions
<b>Section B-</b>	Quantitative Aptitude	20 Questions
<b>Section C-</b>	Logical Reasoning	20 Questions
<b>Section D-</b>	Data Interpretation	20 Questions
<b>Section E-</b>	General Awareness	20 Questions

**Ph.D. Management (International Business):** Admission to the Ph.D. programme shall be based on the field of specialization and the vacancies available with eligible guides in the Department. The admission is based on UGC-NET with JRF Fellowship only. The shortlisted candidates will be called for an interview at Pondicherry University.

### ABOUT THE PROGRAMMES

#### **MBA (International Business):**

The MBA-International Business programme is designed with a special focus on imparting training and moulding aspirants to acquire necessary core competencies, which are specifically required to manage global business operations. Besides giving conventional management 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 ranging from geo-political issues, managing emerging economic, international finance, international logistics, international tourism, hospitality and customer relationship management, retail management, export and import system, cross-cultural management and environmental issues.

The course curriculum is so organized that the students are groomed to take up the challenges of the 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 integrated perspective by covering subjects from technology and business functionalities.

Rapid developments in 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 business procurement, production and distribution activities. 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 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.

#### **Ph.D Management (International Business):**

The Department offers a Ph.D programme of an inter-disciplinary nature focusing on the functional areas of Management in International Perspective. The Department has all the infrastructure facilities to encourage candidates to do serious research in their chosen fields of research.

## THRUST AREAS OF RESEARCH

Global Marketing  
International Trade  
International Human Resource Management  
Logistics and Supply Chain Management  
International Financial Management  
Foreign Exchange Management  
Cross Cultural Management  
Services Marketing  
Green Marketing

## 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
- 24x7 internet
- 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. The Department has a placement committee co-ordinated by a faculty member who facilitates the placement related activities. Our students are placed in leading IT/ITES companies (TCS, Cognizant, Wipro) Retail organisation (ITC, Kaleeswari, VKC, Paytm) and also in public, private sector banks (SIB, BOI, AXIS, ICICI, CITI) including EXIM Bank.

## INTERNATIONAL STUDENT EXCHANGE OPPORTUNITIES

- Friedrich-Alexander-University Erlangen-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

**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:* Services Marketing, Logistics and Supply Chain Management

**P. G. Arul, Ph.D.** (Bharathidasan University, Trichirappalli)

*Specialization:* International Trade & Logistics, Human Resource Management

### Assistant Professors

**Rajesh 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 has been offering a five year integrated M.Sc. programme in the 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 objective type questions in Mathematics 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 topics related to measures of central tendency, measures of dispersion, probability, conditional probability, random 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 Assistance Programme (SAP) - DRS-II level for enriching Research Support for the period 2015-20. The National Board for Higher Mathematics (NBHM) gives support for the 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.

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

## 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

### Professor & Head

**Rajeswari Seshadri, Ph.D.** (I.I.Sc., Bangalore)

*Specialization:* Computational Fluid Dynamics

### Professors

**M. Subbiah, Ph.D.** (I.I.T., Kanpur)

*Specialization:* Hydrodynamic Stability

**T. Duraivel, Ph.D.** (Pondicherry University, Puducherry)

*Specialization:* Commutative Algebra

### 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) and Ph.D. (Statistics) 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 the 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)**

**Ph.D. Statistics (Full-time and Part-time)**

## ● 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 UGC regulations 2016, the entrance examination for admission to **Ph.D.(Statistics)** will consist of 100 multiple choice questions on the following topics.

Linear Algebra and Matrix Theory, Multivariate Statistical Analysis, Regression Analysis, Time Series Analysis, Probability Theory, Statistical Quality Control, Distribution Theory, Theory of Estimation, Sampling Theory, Stochastic Processes, Testing of Statistical Hypotheses, Design of Experiments, Econometrics, Reliability Theory, Operations Research.

## INFRASTRUCTURE FACILITIES

The Department of Statistics has separate premises 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 have ample opportunities to use 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 a 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 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 the Five broad spectrum of **TRACS**

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

The Department also has co-curriculum activities for the overall development of students by undertaking the necessary programs with different faculty coordinators.

- Alumni activities for better liaison between the current and past students;
- Student affairs for exploring interactions with the University and industry;
- Eminent invited lecture series;
- Placements, Career Planning and Soft skills development.

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 pursuing courses as per the flexibility of students' need are some other interesting features of the courses.

The Department is also involved in the upgradation of academic orientation and syllabus modification as per the current trends and changing requirements of the 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

**P. Tirupathi Rao, Ph.D.** (Andhra University)

*Specialization:* Stochastic Modeling, Optimization Methods, Statistical Computing and Biostatistics.

### Associate Professor & Head

**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, Computational Statistics

# 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 +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 stand as testimony to the quality of teaching and research. Students and researchers of the school routinely use Central Instrumentation Facility (CIF) and Library.

The Departments 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 26 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 entrance 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 national level examinations viz., GATE / CSIR-UGC resulting in research placements in India and abroad. Research seminars are 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 the 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 meter 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](http://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

**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, Kalpakam)  
*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/departments/departments-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 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 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 a 16-member faculty expertise in frontier levels 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:

The 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 year program, M.Sc. Chemistry a two year program and Ph.D. Chemistry (full-time / part-time) of These programs is:

aim:

- 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 skills 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 relevant experience at the master's level and 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 students 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 for a designated 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** offered by the Department of Chemistry 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. Candidates possessing other degrees like M.Sc. Materials Chemistry, M.Sc. Industrial Chemistry, M.Sc. Biochemistry are also considered for admission but for specific research groups. Admission procedure: Admission to this program will be through a common entrance examination with the 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 the 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.

The Department houses selected instrumental facilities to support day-to-day teaching and research activities. The major facilities are: 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 the 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:* Organometallics, 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 is 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 candidates performance in the 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, the 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 the 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 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-OES, 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 Matter 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 (₹ 50 lakhs) for the Second Phase 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

The research includes study of elemental, including REE, redistribution during the surface earth processes and its use in provenance and tectonic interpretations. The 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

The 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 deal with paleoclimate reconstruction of the Cauvery river basin and high resolution temperature reconstruction of western Himalaya. The 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

The 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. Equipment 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, Geomorphology.

## 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 research 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 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 Psychology

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 students 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

**B. Rangaiah, Ph.D.** (University of Mysore, Mysore)

*Specialization:* Cognitive Processes, Cross –Cultural, Mental Health, Statistics, Psychometrics

#### Professors

**Sibnath Deb, Ph.D., D.Sc.** (University of Calcutta, Kolkata)

*Specialization:* Clinical, Health, Counselling, Child Safety, Adolescent Reproductive Health including HIV/AIDS.

**Surendra Kumar Sia, Ph.D.** (University of Delhi, Delhi)

*Specialization:* Organizational Psychology & Environmental Psychology, Positive Psychology, Psychology of Elderly.

#### Associate Professor

**D. Barani Kanth, Ph.D.**

(Periyar University, Salem)

*Specialization:* 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



# DEPARTMENT OF COASTAL DISASTER MANAGEMENT (PORT BLAIR CAMPUS)

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 a separate Department of Coastal Disaster Management in June 2010. The Centre is located in Port Blair. The Department is 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.

## ● 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 performance in the entrance examinations. Multiple Choice Questions in Geography, Chemistry, Physics and Geology, Environmental Science, Zoology at B.Sc. Level

For PhD admission there will be an objective type examination with Multiple choice questions at M.Sc.level.

## MISSION OF THE DEPARTMENT:

The Department makes every effort to achieve academic excellence by producing world class field training to 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 to these needs: The 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 to 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, paleoseismological, salt water intrusion, tsunami inundation modelling and impact of tectonic subsidence of the islands with advent of GPR, Terra TEM, resistivity imaging and resistivity variometer. The Ministry of Earth Science has sanctioned Rs.23,23,200 for paleoseismological 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: ₹23,23,200/-) (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.



**ELECTRICAL RESISTIVITY IMAGING AND SEISMOGRAPH**



# SCHOOL OF LIFE SCIENCES

Dean: Prof. K.V. Deviprasad

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 out as 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 are 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 have 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 and Wildlife Service, Population Council (USA) and Rockefeller 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 in 1987 under the School of Life Sciences and was offering M.Sc., M.Phil. and Ph.D. degree programs in Life Sciences. In the year 2004, this Department was renamed as Department of Biochemistry & Molecular Biology and started offering M.Sc. and Ph.D. Programs in Biochemistry and Molecular Biology. The syllabus for these programs are being periodically revised ([pondiuni.edu.in/downloads/syllabus](http://pondiuni.edu.in/downloads/syllabus)). The Department takes pride in sustaining the reputation of providing appreciable teaching and research since its inception.

In BMB, a congenial atmosphere for acquiring knowledge and research acumen is available for every student. The Department has an excellent complement of faculty members who are involved in basic and applied research in different areas of Biochemistry and Molecular Biology. The Faculty have extensive teaching/postdoctoral research experience from Indian/ foreign universities and research institutions. They have research collaborations with various research institutions/ universities in India and abroad. Faculty members are 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). They have received 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 Scientist Award. 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 also 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 the DBT – IPLS (BUILDER) Program in 2010. Department faculty have secured extramural funding worth several crores of rupees from different national funding agencies such as DST, DBT, UGC, CSIR, ICMR, DRDO, AYUSH and Ministry of Environment & Forests. The Department has also attracted funding from international agencies like Population Council (USA) and the Rockefeller 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. Program is based on the national level entrance examination conducted by 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.

Admission to Ph.D. Program is based on the University entrance examination and UGC/CSIR NET or equivalent qualification.

## THRUST AREAS OF RESEARCH

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

## LABORATORY AND INSTRUMENTATION FACILITIES AVAILABLE

The Department of Biochemistry and Molecular Biology has state-of-the-art laboratories with an excellent modern instrumentation facility for teaching and advanced research. The Department houses facilities to carry out research in *in vitro* and *in vivo* systems. The instrument facility include- High Speed Refrigerated Centrifuges, Ultracentrifuge, UV-Vis Spectrophotometers, Ultra sonicator, PCR, ELISA, Trans-blot apparatus, Geldoc apparatus, CO<sub>2</sub>-incubators, Fluorescence Microscope, Phase contrast microscope, Ultra pure water-purifier and cold room.

## OTHER FACILITIES

- The Department has well equipped animal cell culture laboratories.
- An exclusive computer laboratory with a high-speed internet connectivity is available.
- The Department has access to the School of Life Sciences Animal House facility for *in vivo* research work.
- The Department houses Synapse-Inn, a dedicated facility for research scholars.

## 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 (Rs.11 Crores) awarded to the Department of Biotechnology, New Delhi under the DBT-IPLS (BUILDER) program in 2010 along with Department of Biotechnology and the Center for Bioinformatics, Pondicherry University.
- 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

### Assistant Professor & Head (i/c)

**R. Rukkumani, Ph.D.** (Annamalai University, Chidambaram)

*Specialization:* Cancer Biology & Nano oncology, Liver Toxicity, Phytotherapy, Molecular Medicine, Targeted therapy

### Professor

**K. Jeevaratnam, Ph.D.** (IISc, Bangalore)

*Specialization:* Nutrition Biochemistry, Microbial Biochemistry and Biotechnology

### Assistant Professors

**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 has been 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 alumni from the Department attest the exemplary teaching and research works 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 Aptitude Test for Biotechnology) a computer based test conducted across the country at various centres and based on the All India Merit list of students as per GOI reservation policy. 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. Two Seats are allocated for Pondicherry domicile.

**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 the 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, However they need to apply for consideration for admission.

**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<sub>2</sub> incubators, CO<sub>2</sub>-O<sub>2</sub> 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 Dhayan, 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 have 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 Department 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:* Medicinal Weeds and Ethnobotany.  
**S.S. Sundaravel, M.A., P.G.Diploma in Planning** (CEPT University, Ahmedabad)  
*Specialization:* Environmental Impact Assessment, Climate Change and Vulnerability, 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, Green Synthesis of nanoparticles and its application in the environment, 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



# 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 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 has been 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 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 the students in 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 questions. 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. However they need to apply for consideration. Students can join the Ph.D. program based on merit as per the merit 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 area of research are being promoted:

- Metagenomics and Microbial Bioprospecting
- Fungal Genetics and Mycotoxicology
- Microbial Biocatalysis and Drug Discovery
- Enzyme Technology
- Host-Pathogen interactions
- Malaria Parasite Biology

## LABORATORY AND INSTRUMENTATION FACILITIES AVAILABLE

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, CO<sub>2</sub>-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 the first of its kind in the country and was upgraded to M.Tech program in Computational Biology from 2014. The funding support to this program is extended until 2025 by DBT. The students are admitted to this program based on the scores of a common examination (GAT-B) conducted by DBT every year.

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 Aptitude Test for Biotechnology) a computer based test conducted across 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 of Rs.12,000/- per month

### **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, however needs to apply for consideration.

## SPECIAL GRANTS

- DBT - Bioinformatics grant (1992-2020)
- 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.), HP Laptops (3 Nos.), HCL/HP Intel Core i5/ Duo Workstations (150 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, 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, Analytical balance, Dual digital thermal dry bath, Medical laboratory refrigerator 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 security-10.

### D. RESOURCES & SERVICES

A separate website, designed in-house and hosted in the web server, available at [www.bicpu.edu.in](http://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 are available in the reference library of the Centre

#### Access to E-Journals

The 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 2020:

## 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
- Genome Life Sciences, Chennai
- Zifo RnD Solutions, Chennai
- Illumina Genne India LLP, Bangalore

## 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 Institute 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 Venkateswara 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.

## DEPARTMENT OF OCEAN STUDIES AND MARINE BIOLOGY (PORT BLAIR CAMPUS)

School of Life Sciences



The 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 academics and research activities with extramural funding from UGC, DST and MoES. The Department location in Port Blair is close proximity to a marine environment with the uniqueness of having distinct coral, mangrove and island ecosystems. Students who join the Department are trained well 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. programs in Marine Biology through the entrance examination conducted by the University at centres all over India. Students for the Masters program are admitted based on the rank obtained by them in the entrance exam. All students enrolled are offered a studentship of Rs. 1000 per month provided they have 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 & 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.

## 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

**P.M. Mohan, Ph.D.**

(Cochin University of Science and Technology, Kochi)

Specialization: Marine Sciences, Coral reef environmental monitoring, Meiobenthic studies and Coastal management.

## 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.



# SCHOOL OF HUMANITIES

Dean: Prof. P. K. Subramaniam

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



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 initiatives and independent studies 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 in 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 also engage Functional English classes for the fast-mushrooming integrated courses in various other allied disciplines. The Department stood resilient and strong during the COVID 19 by reshaping its research and teaching as well as other academic endeavours into the online mode. Post-COVID 19, the Department 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 providing affordable yet high quality courses, and opening green vistas for higher education 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 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 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 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 Department has 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 Department acts as a liaison between them and the departments where they follow courses.

Every year, there is an increasing demand for admission to M.A. French and Basic French courses offered by the Department. This Department of French of Pondicherry University is one of the first in French Studies in India to get the SAP ; this Project has entered its Phase-II and was granted one crore by the UGC. The Department of French is also designated by SWAYAM-ARPIIT 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, civilization and translation.

**Ph.D.**  
 The written examination will consist of 100 Multiple Choice Questions on French language, literature, civilization and translation.

### 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 and who 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 academic 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 excel in their 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

**Nalini J. Thampi, Ph.D.** (CIEFL, Hyderabad)

*Specialization:* French and Francophone Literatures, Comparative Literature, and Women's Writing.

#### Associate Professor & Head

**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

The Department of Hindi was established in 1993. The Department offers quality education programmes and it facilitates 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, contemporary discourses, etc. The syllabus of the Department is based on the Model Syllabus of University Grants Commission and is updated from 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 are offered in English medium too. The Department plays 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. The Department also plays a 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 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 students 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, etc. They also serve as 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 Proudhyogiki 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 acquire Ph.D. Degree and clear 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 conducted for the students with an aim to nurture their knowledge and skills which ensures better employability.

Campus Placement Drive by MNCs are also arranged from 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 7th August 1988 and 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. The Department plays 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, the Department also 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,

#### **Upansad**

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

#### Professor & Head

**Chakradhar Behera, Ph.D.** (University of Pune)

*Specialization:* Vedanta, Sankhya, Yoga, Linguistics and Literature

#### Professors

**K. E. Dharaneedharan, Ph.D.**

(Vidyavaridhi, Rastriya Sanskrit Samsthan)

*Specialization:* Visistadvaita and Nyaya, Veda, Grammar

**J. Krishnan, Ph.D.**

(Madras University)

*Specialization:* Advait Vedanta and Nyaya, Literature

#### Assitant 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 offers 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.

## Professor

**S. Indira, Ph.D.**

(Sri Venkateswara University, Tirupati)

*Specialization:* Contemporary Indian Philosophy, Gandhian Philosophy, Yoga Philosophy, Social Philosophy & Applied Ethics.

## 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





# DEPARTMENT OF PHYSICAL EDUCATION AND SPORTS

School of Humanities

The Department of Physical Education and Sports was established in August 1987.

## ● 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.*

## FACULTY

### Professor & Head

**G. Vasanthi , Ph.D.** (Annamalai University, Annamalai Nagar)

*Specialization:* Physical Education, Sports Psychology, Measurements & Evaluation, Sports Medicine, Health Fitness and Wellness, Volley ball, Table Tennis and Yoga.

### 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. Tirumourougane, 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.

## 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.

## 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 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

**C. Thirumurugan, 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 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 Asia. Since beliefs 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 a 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 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

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Dean: Prof.P. Sridharan

The 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 Pondicherry University. The entrance examination comprises of 100 Multiple Choice Questions covering the 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 comprises 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 getting admission into the Ph.D. 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 Pondicherry University for doing Ph.D. in Drama and Theatre Arts. If the Admission Committee feels that no one is qualified 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 the cultural heritage of India, by guiding the students to realize that they are the inheritors of the glorious past of the 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 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 Performing Arts and other related disciplines in order to enhance 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 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 a 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 cultural



institutions/organizations. Developing different strategies in Theatre in Education and community empowerment, creating awareness towards 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 conducts interdisciplinary research related to Performing Arts.

## ACTIVITIES

- The students of the School of Performing Arts stage 20-25 plays every year.
- Students also actively participate in documentary films, play productions, film acting etc in and outside the University. 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 bring 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 of 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.

## MOUs AND COLLABORATIONS

- An 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 Pudukkottai Vaani, Community Radio Station of Pondicherry University

## CONTRIBUTION TO INDUSTRY

The School of Performing Arts has contributed at regional and national levels and its alumni 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 the 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 have graduated from the National School of Drama, New Delhi
- Few students have 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, Experiential 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, Ph.D.** (Tamil 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

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Dean: Prof. B.B. Mohanty

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 emerging labour markets world wide, 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 related 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 have been 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 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 (NGOs).

### 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. Students were admitted to the 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 a 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 a 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. consists 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.:** Candidates having UGC-NET with JRF will be considered.

## 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

**B. B. 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, Bhubaneswar)

*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 hub for innovative and 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 programme 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.

### 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 Dynamics Ltd., BHEL, Caterpillar, ICDS, TCS, Ford, Power Grid Corporation, Central University of Karnataka, HelpAge India, ISRO, Intelligence Bureau, JIPMER – 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, Social Work with Women, 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. Sathesh Kumar, Ph.D.** (University of Madras, Chennai)  
*Specialization:* Community Development, Human Dimensions in Coastal Zone Management, Social Work with Women, Youth, Children and Environment

**P. B. Shankar Narayan, Ph.D.** (Pondicherry University, Puducherry)  
*Specialization:* Human Resource Management, Human Rights, Disaster Management, Sexuality and LGBT

**Iftekhar Alam, Ph.D.** (Pondicherry University, Puducherry)  
*Specialization:* Social Work with Groups, Social Work with Communities, Gerontological Social Work, Livelihood Promotion, Social Entrepreneurship and Community Development

### THRUST AREAS OF RESEARCH AND TEACHING

Community Development, Mental Health, Public Health, Families and Children, Disaster Management, Elderly Care, Gender and Social Work, 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 nongovernment organizations, industries and hospitals. This practical training enables the students to acquire professional social work skills, values and ethics.

### MANDATORY FIELD ORIENTATION

■ The 1<sup>st</sup> year MSW students will be oriented to the social work profession soon after their admission. The duration of the programme shall be ten days. Attendance in the orientation programme is compulsory.

■ The MSW programme includes concurrent and block fieldwork, rural camp, study tour and 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.

# 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 related to the 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 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 in 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.

## FACULTY

### 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.

### Professors

**G. Chandrika, Ph.D.**  
 (Annamalai University, Annamalai Nagar)  
*Specialization:* Modern History, Intellectual History of Modern India, Historiography and Women's History.

### **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 the scholarly journals titled *International Journal of South Asian Studies*.
- Publication of scholarly books on 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).

## 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 relevance.

## FACULTY

### Professors

**Mohanam Bhaskaran Pillai, Ph.D.** (University of Kerala, Trivandrum)

Specialization: India's Foreign Policy, South Asian Studies, Political Theory, Development Studies, Research Methodology

**P. Lazarus Samraj, Ph.D.**

(Annamalai University)

Specialization: Indo-U.S. Relations, Terrorism, Indian Government & Politics

### Associate Professor & Head

**N. K. Kumaresan Raja, Ph. D.**

(University of Madras)

Specialization: Public Administration, Public Policy and Governance & Land Administration

### Assistant Professors

**G. Rose, M. Phil.**

(Jawaharlal 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.

## 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 cooperation and Peace and Conflict Resolution.

## 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 France 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 Pondicherry University, Puducherry. The Entrance Test will consist of 100 Multiple Choice Questions mainly in the areas of Sociology, Political Science and History.

### 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) *From September to next year May, 3rd Year in Paris-1 *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) *From August to next year May, 3rd Year in Pondicherry University *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 is for 40% 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 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 (E-mail: [nalini.fre@pondiuni.edu.in](mailto:nalini.fre@pondiuni.edu.in))

# CENTRE FOR EUROPEAN STUDIES

School of Social Sciences and International Studies

## THRUST AREAS OF TEACHING AND RESEARCH

The Centre for European Studies of Pondicherry University 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. A Joint Research Project on "Engendering Development Goals, Action Plans and Strategies: Dialogues between India and Europe" has been initiated with the collaboration 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
- Constitutional 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 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 was inaugurated in the premise of the Centre on March 3, 2014, on the occasion of an 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 the 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 a 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 be associated 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 the 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 a 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 has been offering the 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.

- 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.

## 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 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.

## 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

### 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.

### 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.

### Assistant Professors

**Santhosh Mathew, Ph.D.,**  
 (Mahatma 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.

### OBJECTIVES

To promote a comprehensive understanding of social, cultural, economic, political and strategic dimensions of the study area. To offer vitally important inputs to 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

**Associate Professor & Head i/c**  
**Dr. N. K. Kumaresan Raja**



# CENTRE FOR WOMEN'S STUDIES

School of Social Sciences and International Studies

Established in July 1999, the Centre offers M.A. and 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 Choice 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 Multiple 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.

- 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 computers, LCD projectors, 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.

## 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



# 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 like this, 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 recognize that 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 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 tolerance. The Programme is structured to provide experiential learning with the fourth semester dedicated towards 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 a 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 multiple choice questions in the area of International Relations, Foreign Policy, Maritime Affairs and Research Methodology.

## 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 maritime affairs/issues in India.

## OBJECTIVES

The Centre promotes research, teaching and other academic programmes in 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 in India's role in ensuring the safety of SLOCs, trade, energy security and cooperative linkages with other coastal states to combat to 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

## 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 a Masters Programme in Education. It has expanded its functioning after the appointment of 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 and for working teachers, research scholars and students of higher education, etc. to gain skills related to a multi disciplinary perspective.

With competent faculty, the School offers programmes that provide opportunities for the capacity building of future teachers and teacher 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 regional, national and international 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. Prof. Mumtaz Begum, Dean and Head, SoE was honoured with the prestigious Commonwealth Fellowship Award for the year 2013 and was posted in Liverpool John Moores University, UK for the Post Doctoral award. She 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 Partners. 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 conducted by Pondicherry University.

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 as 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 the institutions of 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 8000 books related to Education and allied disciplines under 2600 titles available in the Pondicherry University Central Library. There is also a Departmental Library with books, journals, periodicals, theses/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 inaugurated on 10.11.2017 by the Education Minister, Government of Puducherry. The Centre has multiple number of computers and other related electronic gadgets which are used by 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, PMMMNMTT and other national institutions. All the faculty are recognized supervisors for guiding Ph.D. candidates. So far 34 research scholars have been awarded Ph.D. in Education and there are 5 Ph.D. Awardees from CACE, SoE/ PU. Also full time Ph.D. scholars are receiving research fellowships and scholarships which include UGC-JRF, MANE, 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

The 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 as 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, MoE/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 at SoE.



## PLACEMENT OF ALUMNI

Since the inception of M.Ed. Programme, every year good number of students clear UGC-JRF-NET examinations 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 and Science Education.

### Professor

**K. Chellamani, Ph.D.** (Alagappa University)

*Specialization:* Research Methodology, Experimental Design, Neuro Linguistics, Cognitive Science, Portfolio Writing, English Language Teaching.

### Associate Professor

**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.

**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)

*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 receiving 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

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Dean (i/c): Dr. Gopal Krushna 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 these 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 coalesced into one single enclave called 'The School of Media and Communication'.

Further, the three subjects share a 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 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 the 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 M.Lib.I.Sc degree programme in Library & Information Science since 2007 and PhD degree programme 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 primary 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:

- Development Communication
- Digital Media and Culture Studies
- Digital Art, Digital Humanities
- Environmental Communication
- Educational Communication/ Technology-Enabled learning
- Film Studies and Visual Culture
- Film Philosophy
- Health Communication
- Political Communication
- Political Economy of Media/New Media
- Television and Radio Studies

### DLIS

The thrust areas of research include:

- Digital Libraries
- E-Publishing
- Hypertext and Multimedia
- ICT Applications in LIS
- Knowledge Management
- Heritage & Cultural Informatics
- School Libraries

## INFRASTRUCTURE

The 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 tours, 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 the 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 candidates can seek direct admission to the doctoral programmes in Mass Communication and Electronic Media twice a year at the beginning of each semester through the University portal. 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 from English, Math & 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 Pudukai 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.communicationandculturereview.in](http://www.communicationandculturereview.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](http://www.ethicscultures.in)

### **Photo Journalism/Photography**

Students are offered intensive training on photojournalism 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 in 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**

■ An 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 Pudukai Vaani, Community Radio station of Pondicherry University.

■ A workshop was conducted in collaboration with BBC Tamil on translation and hosting of content to Wikis

## 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 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 to 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. Multimodality allows learners to engage with the 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 the second and third semesters. After completion, students submit a report on the experience they gained 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.

## PLACEMENTS

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, academic institutions, and non-governmental organizations.

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 ON SWAYAM FROM 2<sup>ND</sup>AUGUST 2021

1. Media Laws and Ethics (3 credits) – Dr. S. Arulselvan  
[https://onlinecourses.swayam2.ac.in/cec21\\_ge29/preview](https://onlinecourses.swayam2.ac.in/cec21_ge29/preview)
2. Photojournalism (5 credits) – Dr. Radhika Khanna  
[https://onlinecourses.swayam2.ac.in/cec21\\_ge30/preview](https://onlinecourses.swayam2.ac.in/cec21_ge30/preview)

## 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 two well-equipped 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 studio comparable to the industry style and décor. The bigger studio is used by EMRC for MOOC productions, documentaries and other audio-visual work. 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 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

## 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, Affect and Technologies, Media Convergence, Algorithmic Cultures & Digital Labour

### 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.** (Bharathiyar University) Specialization: Educational Communication, Environmental/weather forecasting Communication, Visual Communication, Publication Design, Aerial Photography and 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

Head(i/c): Dr. Radhika Khanna



The University Grants Commission (UGC) established the 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 the Ministry of Education’s SWAYAM platform and SWAYAM PRABHA DTH channels devoted to telecasting of high-quality educational programs 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 multimodal 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 programs, Human Resource Development Centre (HRDC) programs and documentation of important academic events of the University.

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 enrol for MOOCs offered through the SWAYAM platform. EMRC, Pondicherry University is developing six MOOCs which will be available online, free of cost to any learner across the world.

Two of these courses, Photojournalism (5 credits) & Media Laws and Ethics (3 credits) are open for enrolment on <https://swayam.gov.in/> till 31st August 2021. These MOOCs will start online from 2nd August 2021 on the Ministry of Education’s SWAYAM platform and will run for 15 weeks. Interested persons of any age and from any background across the world can enrol for free for these online courses which develop conceptual knowledge along with professional and practical skills that can lead to employability. Links to register:

Photojournalism (5 credits) - [https://onlinecourses.swayam2.ac.in/cec21\\_ge30/preview](https://onlinecourses.swayam2.ac.in/cec21_ge30/preview)

Media Laws and Ethics (3 credits) - [https://onlinecourses.swayam2.ac.in/cec21\\_ge29/preview](https://onlinecourses.swayam2.ac.in/cec21_ge29/preview)

In 2020, the National Institute of Social Defence (NISD), Ministry of Social Justice & Empowerment commissioned the creation of a video module e-content on Geriatric Palliative Care for its online course. A virtual faculty training program was conducted in collaboration with Ramanujan School of Mathematical Sciences, Pondicherry University for all the faculty of Pondicherry University and affiliated colleges in July-August, 2020. The program on ‘Enhancing ICT skills of educators for blended and online teaching’ helped teachers to integrate various digital tools to support the conduct of online classes due to the closure of the campus during the COVID-19 pandemic period.



## PROSPECTUS 2021-22

At the same time, EMRC also prepared a multimedia COVID-19 Awareness Campaign spanning over more than a year. Till June 2021, a series of 13 educational videos and Public Service Announcements (PSAs) in Tamil along with e-posters in Tamil and English for the people of Puducherry and Tamil Nadu have been circulated through social media and EMRC's YouTube channel - EDUCAST Pondicherry University. EMRC is currently working on creating more awareness material for the public.

On the occasion of International Day of Yoga (IDY) 2021, EMRC extended all support to the Department of Physical Education and Sports, Pondicherry University in conducting two programs. EMRC recorded, edited and broadcast a program on Common Yoga Protocol on its YouTube channel. The second program organised on IDY 2021 by Pondicherry University in collaboration with the Art of Living (Puducherry), Directorate of School Education and Directorate of Higher and Technical Education (Puducherry), Puducherry Police was recorded by EMRC in the School of Media and Communication premises and live-streamed on its YouTube channel where a large number of students, teachers and adults viewed the online event. Other events and academic activities of Pondicherry University documented by EMRC are available at EDUCAST Pondicherry University:

<https://www.youtube.com/channel/UCQQiR-TmQGIuFKAr0apAwzw>

Since 2008, EMRC has produced more than 65 documentaries, three animation films and 15 E-lectures on diverse topics. The Media Centre has recorded 125 programs and 50 MOOCs lectures. It has also created a music video on the University Anthem and a short film on Pondicherry University. In 2018, a workshop on the creation, development and delivery of MOOCs was conducted in collaboration with CEC (Consortium for Educational Communication) for faculty of Pondicherry University and affiliated colleges.

### List of MOOCs being developed by EMRC:

#### 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 Proudhyogiki 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

#### 20<sup>TH</sup> UGC-CEC EDUCATIONAL VIDEO COMPETITION (2009-10), NEW DELHI

##### 1. *The Salves of the Lamp*

Best Cinematography and Best Scripting award - Gouthama Avarthi and M R Veeraraj

##### 2. *Pranthanam-Kirti-Pravannu (Save heritage for posterity)*

Best Animation - M. Manamathi, Pondicherry University

#### 21<sup>ST</sup> UGC-CEC EDUCATIONAL VIDEO COMPETITION (2010-11), MYSORE

##### 1. *The True Survivor (Horseshoe Crab)*

Best Programme of the year - J.A. Sanjeev Kumar, Pondicherry University

##### 2. *The True Survivor (Horseshoe Crab)*

Best Script - Dr. Jayanth Mishra, Pondicherry University

##### 3. *Silk - The Queen of Fiber*

Best Camerawork - G. Sivakumar, Pondicherry University

##### 4. *French Fragrance at Puducherry*

Best Editing Editor - S. Balamurugan, Pondicherry University

Cash Prize: Rs. 25,000/-

##### 5. *The Tree*

Best Programme for Animation - M. Manamathi,

Pondicherry

University

Cash Prize: Rs. 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

#### DOCUMENTARY 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, KOLKATA

1. The Night Warriors  
Golden Beaver Award under Popular Science category - S. Balamurugan  
Cash Prize: Rs. 1 Lakh
2. Rain Water Harvesting  
Shortlisted for screening under Science and Technology category - M. Iyyanar

**VIGYAN PRASAR, DEPARTMENT OF SCIENCE AND TECHNOLOGY - RASHTRIYA VIGYAN CHALCHITRA MELA 2014, BANGALORE**

1. Horse-Shoe Crab  
Silver Beaver Award - J.A. Sanjeev Kumar  
Cash Prize: Rs. 50,000/-
2. Mobile Solar Power  
Bronze Beaver Award under Science and Technology Category  
- S. Balamurugan  
Cash Prize: Rs. 30,000/-

**22<sup>ND</sup> 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, KOLKATA**

Bat Woman (The Night Warriors II) - Mr. Balamurugan

**VIGYAN PRASAR, DEPARTMENT OF SCIENCE AND TECHNOLOGY - 10TH NATIONAL SCIENCE FILM FESTIVAL OF INDIA, 2020**

Bat Woman (The Night Warriors II)  
Silver Beaver Award under Interface category - S. Balamurugan  
Cash Prize: Rs. 1 Lakh

**PRODUCTION TEAM**

1. Mr. S. Balamurugan, M.Sc., M.A., MBA, M.Phil, PGDEM, UGC-NET - Production assistant
2. Mr. G. Siva Kumar, M.A., D.T.C - Cameraperson
3. Mr. M. Iyyanar, M.Sc., M.A., M.Phil, D.F.Tech. - Technician, Electronic media
4. Ms. M. Manamathi, MBA, M.Phil, PGDAM, UGC-NET - Graphic assistant
5. Mr. D. Duraivijayan, B.Sc., DECE - Shooting assistant
6. Mr. M. Umesan, M.A., BLISc, PGDTV, ITI (COPA) - Electronic media lab attendant
7. Mr. V. Meenakshi Sundaram, Diploma in E & TC - Electronic media lab attendant



## PUDUVAIVAANI - COMMUNITY RADIO STATION

Faculty (i/c): Dr. V. Santhi Siri

### INTRODUCTION

PuduvaiVaani is the community FM Radio facility of the University. 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.

PuduvaiVaani has been started with an aim to create awareness among the people to improve the nature of their lifestyle. PuduvaiVaani is a public broadcaster to awaken, inform, enlighten, 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 the 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

Weekdays: 9AM to 5 PM (All Days)

Weekends: 9AM to 5 PM (Tamil, Hindi and English)

Through the 'Earn while Learn' scheme, students of Pondicherry University, including M.A. Mass Communication and M.Sc. Electronic Media, attend transmission duty and present programmes regularly.

## AWARDS

PuduvaiVaani - Community Radio Station bagged the first prize for its Tamil programme "UngalaiThedi" recognising its efforts in producing programmes on a 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

AnMoU has been signed between Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER), and Pondicherry University through which PuduvaiVaani Community Radio Station produces healthcare-related programmes for the society.

## SPECIAL DAY PROGRAMMES

"Mann Ki Baat"

BBC English programmes on Science, History, Literature and Health are broadcast every Saturday and Sunday from 02.00 p.m. to 05.00 p.m.

"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.

Internship for University affiliated college students and for students from other states.

Special Live Programme: Digital India Promo/Clean India Promo/ International "YOGA DAY" Programmes

OB recording of all events in and around the University Campus.

## STAFF

K.Pragash, Technician

G.Pandiyarajan, Office Assistant





## DEPARTMENT OF LIBRARY & INFORMATION SCIENCE

The Department of Library and Information Science was started during the academic year 2007-08. The Department offers a professional Master's Degree programme (M.Lib.I.Sc.) and a Ph.D. Degree Programme in Library and Information Science. 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 the 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 the case of candidates belonging to the 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 and Information Science)  
Full-time- two years degree

### ● ADMISSION CRITERIA

#### **Ph.D.**

The admission to the Ph.D. degree programme is based on the vacancies available with the eligible 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.

#### **M.Lib.I.Sc.**

Candidates seeking admission 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 the first week of June or on the date announced by the University. The written examination shall consist of 100 objective type questions to test the 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.

#### **Ph.D.**

The Ph.D. degree programme was started during the academic year 2010 – 2011 and is available in Full-time and Part-time (Internal & External) modes

### **MAJOR OBJECTIVES**

- To demonstrate the scholars' competence to carry out independent and original academic 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 produce scholars with advanced capabilities in librarianship in order to meet the challenges in the changing environment;
- To develop within each candidate the expertise and skills necessary to be an effective educator, researcher, faculty member, practitioner, etc.;
- To encourage creativity, analytical thinking, critical analysis, and innovative 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 standard peer-reviewed academic publications.

### **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 get the learners familiarized 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 get the students acquainted 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 the learners 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.

## INFRASTRUCTURE FACILITIES

The physical and academic infrastructure comprises of 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 tours, 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 library professionals in the job market. M.Lib.I.Sc. postgraduates get placed as Librarians, Information Scientists, Knowledge Managers, Cataloguers, Indexers, Information Analysts, Reference Services Specialists, Technical Editors, 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 a UGC fellowship. Our recruiters include LIS Schools, all kinds of libraries and information centres, corporate companies like Tata Consultancy Services, Indian School of Business, Indian Institute of Technology, state and central universities, 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 the 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, and 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 the 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 Computer Science (Karaikal Campus)

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 a number of patents and research publications. The Department also has an ongoing Research Project funded by SPARC (Scheme for the Promotion of Academic and Research Collaboration), an initiative by MHRD, DST-SERB 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 the 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. programmes (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 Data Structures, Algorithms, Computer Architecture, Operating Systems, 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.

### 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 programming 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

#### Professor & Head

**S. Siva Sathya, Ph.D.** (Pondicherry University, Puducherry)

*Specialization:* Evolutionary Algorithms, Wireless Computing & Spatial Data Mining.

#### Professors

**R. Subramanian, Ph.D.** (IIT Delhi)

*Specialization:* Evolutionary Algorithms & Cloud Computing.

**T. Chithralekha, Ph.D.** (Pondicherry University, Puducherry)

*Specialization:* Cyber Security & Data Science.



## Associate Professors

**S.K.V. Jayakumar, Ph.D.** (Pondicherry University, Puducherry)  
*Specialization:* Web Services Computing, Cloud Computing & Data Science.

**K. Suresh Joseph, Ph.D.** (Anna University, 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 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 at 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 PROGRAMME:** 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, seminar hall and library facilities cater to 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 attain global standards.

## ALUMNI ASSOCIATION

The Department conducts an Alumni Meet every year by the name SYNERGEE. The alumni placed in the company help 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 to 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.** (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.

# 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 probability 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, the Department of Electronics Engineering has a 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

A 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 ACTIVITIES

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 a 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, research scholars are given fellowships like INSPIRE, UGC GATE, UGC-NET/JRF, MNAF, Vishvesvaraya Scholarship, RGNE, 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. Shanmuganatham, 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, Bioresource 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, Process Biochemistry, Trans IChemE (UK), Trans AIChE (USA), etc. The Centre has been granted five 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, 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.** Environmental 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, Mahatma Gandhi. 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/Canada/Europe for doctoral/ post 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: 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 several environmental issues-leading to global warming, the reserve for such fossil fuels are getting depleted day-by-day. To preserve Mother Earth as well as to utilize 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 replenishable 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 countries, the per capita energy consumption in India is still very low, though the energy demand is increasing. India is associated with wealth, inexhaustible energy resources 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 the National Solar Mission, aimed to produce 100 GW from renewable sources by 2022. Resource augmentation and its use in energy technologies have not been able 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 utilizing 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 Technologies 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 faculty 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 a Centre in 2010, under the aegis of Madanjeet School of Green Energy Technologies, it 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 faculty 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

## ● 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. Meritorious candidates from the entrance exam will be eligible for 'SAF-Fellowship\*'. In addition, there are 5 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, Biotechnology 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 1 Fellowship). 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.

## THRUST AREAS

The following are the thrust areas of our Centre currently

- Solar Thermal Energy Technology
- Solar Photovoltaic Technology
- Bio-energy Technology
- Energy Material Development
- Energy Conversion and Storage Technology

## INFRASTRUCTURE

DGET establishment is in pipeline with state-of-art facilities and infrastructure. Currently, the center possess the following high-tech equipments in the laboratory:

- Class AAA 10 x 10 cm<sup>2</sup> 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<sub>2</sub> and O<sub>2</sub> 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 other departments of 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, combustion 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 program is designed for two years spread over four semesters. The course structure is framed with both hard core and softcore courses to substantiate both theoretical and technical understanding of subjects. 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 their background and interest. Each theory course will have a project component which will be either individual or group based.

## Ph.D. PROGRAMME

The 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.

## RESEARCH PROJECTS

The 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, Supercapacities, 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 carrier separation in solar 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 international journals and also taken more than 20 patents. The Centre has undertaken many funded research projects of more than Rs.10 crores from various funding agencies like DST-FIST (the centre has received Rs.2.16 Crores under the FIST program of DST) DST-SERB, DST-MES, DST-CERI, DST-NM, CSIR, UGC, UGC-DAE, DRDO, ICMR and AICTE. The Centre is proud of its alumni 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 80 multiple choice questions covering equally the basic Sciences (Mathematics/ Physics/ Chemistry/ Biotechnology/Materials Science & Engg.) at undergraduate level and 20 questions will be in English and test of reasoning.

**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 80 multiple choice questions covering equally the subjects of Mathematics, Physics, Chemistry, Biotechnology, Materials Science & Engg., at undergraduate and post graduate levels and 20 questions will be in English and test of reasoning. The candidates who qualified CSIR-UGC JRF/SRF are exempted from writing the University entrance examinations for admission to the 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 Supercapacitors.
- 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-FIST, 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, Perovskite 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, MoS<sub>2</sub>, Black Phosphors. 2D-Materials, Metal, and Metal oxide hetero-structures. Surface and Interface study of 2D materials. Chemical Sensor and Biosensors



# SCHOOL OF LAW

Dean (i/c): Prof. A.Chellaperumal

The School of Law focuses on quality teaching and research in law through the on-campus one year Master of Law (LLM) programme that commenced from 2014–2015 academic year. At present, courses related 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

**LLM:** 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%, Jurisprudence-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. <u>Award of marks:</u> 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. <u>Award of marks:</u> National level-1 mark per completed year and international level-2 marks per completed year, subject to a maximum of 10 marks.	10 marks
<b>Total</b>			<b>100 marks</b>

Based on the marks scored in the above referred 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, aptitude, 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**

The 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 the 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 the 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 effective policy instrument relevant to a wide range of socio-economic, technological and political concerns and IP education that is promoted by 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.



## VISITING FACULTY

**Prof. Shiju M.V., LL.M (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.

**Prof. A.K. Das**

Dean & Secretary, Faculty of Law, University of Calcutta, Kolkatta-700 019.

**S. Badrinath, LL.M (NUJS , Kolkata)**

Executive (Legal), BHEL, Ranipet, Tamil Nadu

**A.K. Rajaraman, LL.M (Intellectual Property Rights) (CUSAT , Kochi)**

Advocate, High Court of Madras, Chennai

**Madhavi Nalluri, LL.M (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, Chattisgarh.

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. A. Chellaperumal**

Dean, School of Law,

2nd Floor DDE Building, Pondicherry University, R.V. Nagar, Kalapet, Puducherry-605 014

Email: dean.sol@pondiuni.edu.in

Phone No: (+91) (0)413-2654910/11

## KARAIKAL CAMPUS

The Karaikal campus of Pondicherry University was formally inaugurated on 12th October, 2007 with three departments, viz., Department of Management, Department of Commerce, and Department of Computer Science. The Department of Management started offering two-year full-time M.B.A. (Insurance Management) programme from the academic year 2009-2010; the Department of Commerce started with two-year full-time M.Com. (Business Finance) programme from the academic year 2007-08 and the Department of Computer Science started with two-year full-time M.C.A. programme from the same academic year. Later the Department of Computer Science started offering M.Sc. (Computer Science) from the academic year 2013-14. The Centre has moved to its own campus during June, 2012 located in the heart of Karaikal town. During the academic years 2009-10 and 2010-11, sixteen teaching staff were appointed on regular basis and the Campus started offering doctoral programmes.

From the academic year 2021-22, the Department of Management will be offering two-years full-time M.B.A. (Dual Specialisation) programme with a sanctioned intake of 30 seats and the Department of Commerce will be offering two-years full-time M.Com. (Accounting & Taxation) programme with a sanctioned intake of 50.

### DEVELOPMENT OF INFRASTRUCTURE

The Centre has two hostels for boys and one for girls. Transport facility for movement of the day students is arranged by the University. The campus has high tension electricity connection with a backup generator. Spacious class rooms and three fully equipped computer laboratories are available in the campus for the effective functioning of the departments. The campus is enabled with limited Wi-Fi facility. It is also a plastic free campus with lush green surroundings and beautiful peacocks around.

### CO-CURRICULAR AND EXTRACURRICULAR ACTIVITIES

Students are provided with sports facilities to play volley ball, table tennis, badminton, cricket etc. The campus provides opportunities for students to develop their co-curricular and extracurricular talents. A unit of NSS is functioning in the campus from the year 2016. Through this NSS unit various social service and capacity building programmes being are organized. The students are made to contribute towards nation building by involving themselves in Swachh Bharat initiatives in Karaikal. The campus has established Social Entrepreneurship, Swacchta and Rural Engagement Cell (SESREC) under Mahatma Gandhi National Council of Rural Education (MGNCRE), Department of Higher Education, Ministry of Education, Government of India. Th Cell has been organizing various programmes related to the SESREC to the students in the campus.

The Campus organizes free coaching classes for the aspirants of UGC – NET examinations. In addition to these programmes, Freshers' Day, Women's Day, Indian Festivals and secular functions are being celebrated in the Campus. The students' council election takes place every year to elect representatives for the campus.

### SPORTS ACTIVITIES AND ACHIEVEMENTS

The campus conducts an inter-departmental Sports Meet UNISPOFEST every year and 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.

### 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-Year Programme)
3. Ph.D. Computer Science - Full Time & Part-Time

### DEPARTMENT OF MANAGEMENT

1. M.B.A. (Insurance Management)
2. M.B.A. (Business Administration)
3. Ph.D. (Management) - Full Time & Part-Time

## **PORT BLAIR CAMPUS**

### **PROGRAMMES OF STUDY**

#### **DEPARTMENT OF OCEAN STUDIES AND MARINE BIOLOGY**

1. M.Sc. Marine Biology
2. Ph.D. Marine Biology

#### **DEPARTMENT OF COASTAL DISASTER MANAGEMENT**

1. M.Sc. Disaster Management
2. Ph.D Disaster Management

#### **DEPARTMENT OF MANAGEMENT**

M.B.A. (Business Administration)

## ADD ON COURSES

### (Evening Programmes)

The University offers 9 PG Diploma programmes providing students 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
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	Dr. Chakradhar Behera
Multilingual Computing and Language Technology	Dr. Jaya Sankar Babu
Yoga Studies	Dr. D. Sulthana

#### Course Coordinator for the Certificate Courses

Course	Name of the Coordinator
French, Japanese, Chinese, Korean Spanish, German, Arabic.	Dr. C.Thirumurugan



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 <b>or</b> Any degree with Hindi as a subject of study under part I or II <b>or</b> Any degree with Rastrabhasha Praveen degree obtained from Dakshin Bharat Hindi Prachar Sabha.
2.	Teaching Skills	UG/PG degree with a minimum of 45% of marks.
3.	Professional Communication in English	
4.	Industrial Relations and Labour Laws	
5.	Biotechnology	Degree in any branch of Biological Sciences with a minimum of 45% of marks.
6.	Manuscriptology & Paleography	Any degree with Part - I Language Sanskrit
7.	Multilingual Computing and Language Technology	Bachelor's Degree in any discipline with minimum of 50% of marks
8.	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 successful career placement which is a 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 corporates
- 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 Chartered, 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

### Deputy Dean

**Dr. S. Riasudeen**  
Associate Professor  
Department of Management Studies  
Pondicherry University

# THE DIRECTORATE OF PHYSICAL EDUCATION AND SPORTS

## 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 gyms 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.
- Celebrating National Sports Day on 29<sup>th</sup> August.
- Celebrating Teachers day on 5<sup>th</sup> September.
- Meeting of Directors/Directresses of Physical Education of Affiliated 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 Unisportfest (Inter-Departmental Sports Meet) for the Pondicherry Campus students.
- Organizing Unisportfest (Inter-Departmental 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 sports 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

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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 and academic administrators. In addition to that, training on “Information and Communication Technology and Computer Applications” (ICT), Green Technology & Knowledge Management have also been imparted.

The Human Resource Development Centre of Pondicherry University, is situated in 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 HRDCs, which houses all its academic and administrative facilities / activities under one roof thereby providing the aspiring participants, an avenue, for academic excellence. The HRDC building is self contained with all amenities required for ideal training of teachers and their residential accommodation together, with a 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 are 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.

**Director (i/c): Prof. Rajneesh Bhutani**

# PONDICHERRY UNIVERSITY COMMUNITY COLLEGE

**Pondicherry University Community College (PUCC)** – the 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 its 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 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 to 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.

## PRINCIPAL (i/c)

**Prof. G. Chandrasekaran**

## ● 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 (General)

### 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 needs of the 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 a promising work force to cater to 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 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 the new 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 students from distant locations. The twinning concept envisages a tie-up between Directorate of Distance Education, Pondicherry University and the Twinning

Institutions. The marked difference between the conventional Distance Education programmes and this innovative twinning programme is that the students would undergo rigorous extended classroom sessions on all Saturdays and Sundays during the academic year instead 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

### PG Degree Programmes (2 years-Non Semester)

Master of Arts in English  
Master of Arts in Sociology  
Master of Arts in Hindi  
Master of Commerce

## LIBRARY

The 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

**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

### UG Degree Programmes (3 year-Non Semester)

Bachelor of Business Administration  
Bachelor of Commerce

The DDE proposed to start the following new courses 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

## 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](http://www.pondiuni.edu.in)

### IMPORTANT NOTE

- (i) The University reserves the right to make changes in the information provided therein. This cannot be quoted for any sanction.
- (ii) Notwithstanding the information given in the prospectus, 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](http://www.pondiuni.edu.in)** may be checked from time to time.
- (iv) The copyright of the material in this Prospectus belongs to and remains solely with Pondicherry University. If any Individual/ Institute/ Organisation is interested to use the material of Pondicherry University published in this Prospectus, then, the user is required to take permission from the Pondicherry University. Nevertheless, the material has to be reproduced and not to be used in a derogatory manner or in a misleading context. Individuals Institutes Organisations are requested to acknowledge appropriately for material used.

### DISCLAIMER

The information contained in this Prospectus has been prepared solely for the purpose of information dissemination about the University's programmes and functions. Though all efforts have been made to ensure the correctness and currentness of the content in the prospectus, the same should not be surmised as a statement of law (or used for any legal purpose).

**Registrar**  
**Pondicherry University**

## CONTACT DETAILS

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<b>AFFILIATED INSTITUTIONS - Ph.D. PROGRAMMES</b>	
École française d'Extrême-Orient, Puducherry	0413-2334539, 2332504 administration@efeo-pondicherry.org
ICMR-Regional Medical Research Centre (RMRC), Port Blair, A&N Islands	03192-251158, 251043 www.rmrc.res.in
ICMR-Vector Control Research Centre (VCRC), Indira Nagar, Puducherry	0413-2272396/2279072 vcrc.icmr.org.in
Zoological Survey of India (ZSI), Port Blair, A&N Islands	(+91)3192-233148/ 242390/237582 anrc@zsi.gov.in/ anrszsi@gmail.com
Mother Theresa Post Graduate and Research Institute of Health Sciences, Puducherry	Phone:0413-2271200, 2277452 Fax:0413-2277594 deanmtihs@dataone.in / deanmtihs@gmail.com http://mtihs.puducherry.gov.in
College of Nursing, Pondicherry Institute of Medical Sciences, Ganapathichettikulam, Puducherry - 14.	Phone: 0413-2656482, 2656541, 2656419 principalcon@pimsmmm.net




# CAMPUS LIFE





# PONDICHERY UNIVERSITY

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