DEPARTMENT OF ELECTRONIC MEDIA & MASS COMMUNICATION,
Pondicherry University

Minutes of the 2nd Doctoral Committee Meeting of Miss Ivy Ghosh (Full-time JRF Research Scholar) on 19th July 2024

The Doctoral Committee Meeting of Ms. Ivy Ghosh (Reg. no:2000155010), a full-time research scholar in the Department of Electronic Media and Mass Communication, was **held in the department on 19.06.2024 (Wednesday) at 2.30 pm** in the presence of Dr. S. Anand Lenin Vethanayagam, Reader, Department of Electronic Media and Mass Communication (Research Supervisor), Dr. R. Sevukan, Professor, Department of Library and Information Science (External Expert) and Dr. Samarjit Kachari, Assistant Professor, Department of Electronic Media and Mass Communication (Internal Expert).

The DC meeting reviewed and approved the coursework syllabus for Ivy Ghosh, a full-time JRF Research Scholar, for her Ph.D., coursework examination. Following the suggestion of DC member Prof. Sevukan and in light of a new UGC directive, a scholar now has to secure 12 credits instead of the previous 10. Consequently, we have added a special coursework syllabus (Paper xx - Communication for Social Change/4credits) worth 4 credits based on her chosen research topic. However, this new UGC requirement applies to scholars who joined in 2022 Or later, It has been adopted by Pondicherry University; is yet to be verified and the results will be prepared accordingly.
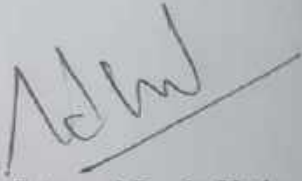
Encl:. Coursework syllabus: (12 Pages)

Paper 01 - Development Communication and Digital Media/ 4 credits (3)
Paper 02 - Research Methodology /4 credits (1)
Paper 03 - Research and Publication Ethics /2 credits (2)

Paper xx - Communication for Social Change/4credits (4)

Dr. S Anand Lenin Vethanayagam

(Research Supervisor)

S. ANAND LENIN VETHANAYAGAM
Research Supervisor & Associate Professor
of Electronic Media & Mass Communication
School of Media and Communication
Pondicherry University
Kalapet, Puducherry -605 014.

Prof. R. Sevukan

(External expert)

Dr. R. SEVUKAN
PROFESSOR
Department of Library & Information Science
Pondicherry University
Puducherry - 605 014

Dr. Samarjit Kachari

(Internal expert)

SAMARJIT KACHARI
Assistant Professor
Dept. of Electronic Media &
Mass Communication
Pondicherry University
Puducherry - 605 014, India

<u>Study Title (tentative)</u>

The Usage of Digital Media Communication by the Fishermen and its Influence on their Livelihood: A Study in the Selected Villages of the Bay of Bengal Coastal Region

Syllabus for Course Work Examination

Submitted By **Ivy Ghosh**

Reg No. – 2000155010

Ph.D., Full-Time Research Scholar

Junior Research Fellow

The Electronic Media & Mass Communication department

School of Media and Communication

Under the Supervision of

Dr. S. Anand Lenin Vethanayagam

Associate Professor *Reader*

Electronic Media & Mass Communication department

Pondicherry University

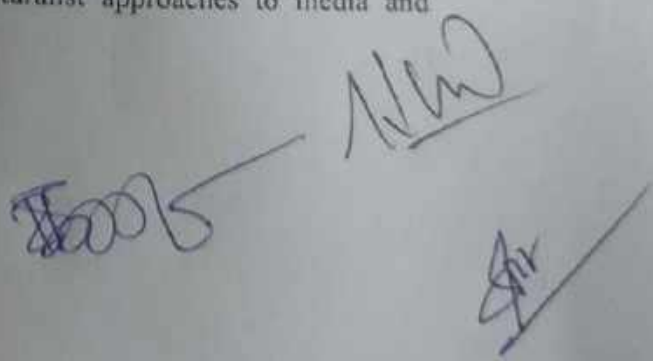PONDICHERRY

Paper 1- Research Methodology

Unit 1

What is Scientific Inquiry? Communication Science – Positivism, Post-Positivism and Interpretivism – asking Questions about Research: Research Design: Descriptive, Exploratory, Explanatory – Basic and Applied Research – Research Problem – Identification of Research gap – Research Questions – Philosophy of Research – Inductive and Deductive Research – Epistemology and ontology of Research – Quantitative and Qualitative Research Methods – Administrative Research and Critical Research

Unit 2

Levels of Measurement – Variables – Attitude Measurement Scales: Thurston Scale; Likert Scale; Semantic Scale – Fundamentals of Measurement – Sampling – Ethical Issues in Research – Fundamentals of Probability – Testing Hypothesis – Survey and Experimental Research – Designing and Developing Questionnaire – Types of Questionnaires – development – analyzing data: Chi-Square-t-test – ANOVA etc. – Interpreting and writing Quantitative Data

Unit 3

Content Analysis – Framing – Semiotic Analysis: Semiotic approach to the analysis of meaning – Discourse Analysis/ Critical Discourse Analysis (CDA) – Multimodal Discourse Analysis – Narrative Analysis – Feminist communication methods and approaches to studying texts and media – Structuralist and Poststructuralist approaches to media and communication studies

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Unit 4

Ethnography – Focus Group Discussion/ Interviews and Observations – Field notes – Digital Ethnography / Auto-ethnography / Visual Ethnomethodology – Visual Analysis Methods – Visual Anthropology – Multimodal Analysis – Grounded Theory – Historiography – Psychoanalytic Inquiry – New materialism approaches

Unit 5

Reflexivity in research – Research Ethics – Literature Review – Using software to analyze data: SPSS, NVivo, and Atlas Ti – Coding data – Analysing and writing reports – Academic writing – Styles – Reviewing and Presentation – Structure of a thesis
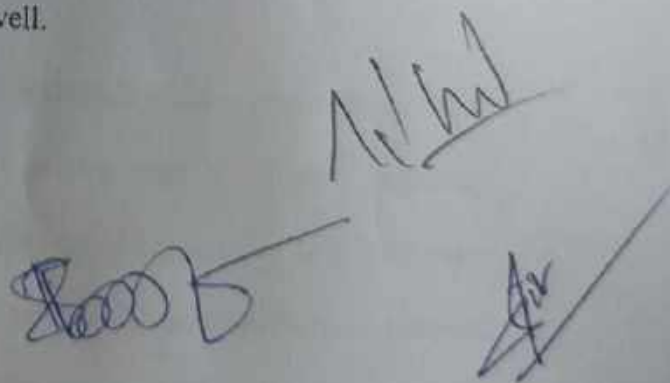
Suggested Readings

Babbie, E. R. (2013). *The practice of social research* (Thirteenth edition). Wadsworth Cengage Learning.

Beatty, P. C., Collins, D., Kaye, L., Padilla, J.-L., Willis, G. B., & Wilmot, A. (Eds.). (2020). *Advances in questionnaire design, development, evaluation, and testing.* Wiley.

Berger, A. A. (2016). *Media and communication research methods: An introduction to qualitative and quantitative approaches* (Fourth Edition). SAGE.

Creswell, J. W. (2009). *Research design: Qualitative, quantitative, and mixed methods approaches* (3rd ed). Sage Publications.

Hanneman, R., Kposowa, A. J., & Riddle, M. (2013). *Basic statistics for social research.* Jossey-Bass, a Wiley imprint.

Kothari, C. R. (2004). *Research methodology: Methods & techniques* (2. edition, reprint). New Age International (P) Limited, Publishers.

Madsen, B. S. (2016). *Statistics for non-statisticians.* Springer Berlin Heidelberg.

Riffe, D., Lacy, S., & Fico, F. (2005). *Analyzing media messages: Using quantitative content analysis in research* (2nd ed). Lawrence Erlbaum.

Stacks, D. W., & Salwen, M. B. (Eds.). (2009). *An integrated approach to communication theory and research* (2nd ed). Routledge.

Tracy, S. J. (2020). *Qualitative research methods: Collecting evidence, crafting analysis, communicating impact* (Second edition). Wiley-Blackwell.

Paper 2 - Research and Publication Ethics

Unit 1

Philosophy And Ethics

Introduction to philosophy definition, nature and scope, concept, branches - Ethics: definition, moral philosophy, nature of moral judgements and reactions

Unit 2

Scientific Conduct

Ethics with respect to science and research - Intellectual honesty and research integrity - Scientific misconducts: Falsification, Fabrication, and Plagiarism (FFP) - Redundant publications: duplicate and overlapping publications, salami slicing - Selective reporting and misrepresentation of data

Unit 3

Publication Ethics

Publication ethics: definition, introduction and importance - Best practices/standards setting initiatives and guidelines: COPE, WAME, etc. - Conflicts of interest

Unit 4

Open Access Publishing

Open access publications and initiatives - SHERPA/ROMEO online resource to check publisher copyright & self-archiving policies - A software tool to identify predatory publications developed by SPPU - Journal finder/journal suggestion tools viz. JANE, Elsevier Journal Finder, Springer Journal Suggester, etc. - Publication misconduct definition, concept, problems that lead to unethical behavior and vice versa, types - Violation of publication

ethics, authorship, and contributorship - Identification of publication misconduct, complaints and appeals - Predatory publishers and journals

Unit 5

Publication Misconduct

A. Group Discussions:: Subject-specific ethical issues, FIFP, authorship - Conflicts of interest - Complaints and appeals examples and fraud from India and abroad

B. Software tools:: Use of plagiarism software like Turnitin, Urkund, and other open-source software tools

Unit 6

Databases And Research Metrics

A. Databases :: Indexing databases - Citation databases: Web of Science, Scopus, etc.

B. Research Metrics :: Impact Factor of journal as per Journal Citation Report, SNIP, SJR, IPP, Cite Score - Metrics: h-index, g index, i10 index, altmetrics

Suggested Readings

Bird, A. (2006). *Philosophy of Science.* Routledge.

Macintyre, Alasdair (1967) *A Short History of Ethics* London.

P. Chaddas, (2018) *Ethics in Competitive Research. Do not get scooped, do not get plagiarized,* ISBN:978 9387480855

National Academy of Sciences, National Academy of Engineering and Institute of Medicine. (2009). *On Being a Scientist: A Guide to Responsible Conduct in Research. Third Edition* National Academies Press.

Resnik, D. B. (2011). What is ethics in research & why is it important, *National Institute of Environmental Health Sciences,* 1-10. Retrieved from https://www.nichs.nih.gov/msearch/rssources/bioethiss/whatis/index.cfm

Beall, J. (2012). Predatory publishers are corrupting open access. Nature, 489(7415), 179-179. https://doi.org/10.1038/489179a

Indian National Science Academy (INSA), Ethics in Science Education, Research and Governance (2019). ISBN:978-81-939482-1-7 http://www.insaindia.ra.in/pdREthics Book.pdf

Paper 3 - Communication For Social Change

Unit 1:

Introduction to Development - Meaning, concept, and approaches to development - Characteristics and Indices of development - Paradigms of development - Mainstream and; Alternative approaches to development

Unit 2:

Perspectives and approaches to development - Social, cultural, economic, and political - Need-based approach - Sustainable development approach - Human development approach - Development and freedom - Rights-based approach - Participatory approach - International goals of development

Unit 3:
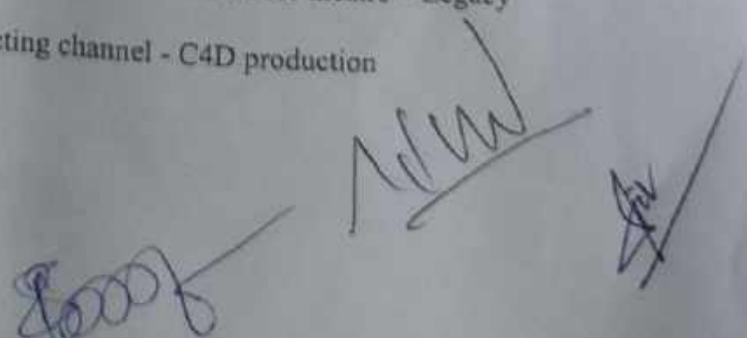
Social problems and Communication for change - Understanding social problems - Social change and role of media - Emerging perspectives - Strategies for development communication

Unit 4:

Research for development communication - Identifying stakeholders 56 - Field techniques for data collection - Participatory techniques - Computer-assisted reporting and research

Unit 5:

Media
Mediums and uses - Inter-personal and group communication – traditional media - folk songs, folk dances, folk theatre, folk tales, puppetry, folk games and street theatre - Legacy media - New Media - Developing message and selecting channel - C4D production

Suggested Readings

Halder, W. (2012). Book review - development communication: Reframing the role of media. *The Journal of Community Informatics*, 8(3). https://doi.org/10.15353/joci.v8i3.3033

Jayaweera, N., & Ariyaratne, A. T. (Eds.). (1987). *Rethinking development communication.* Asian Mass Communication Research and Information Centre.

Melkote, S. R., Asian Media Information and Communication Centre, & Wee Kim Wee School of Communication and Information (Eds.). (2012). *Development communication in directed social change: A reappraisal of theory and practice.* Asian Media Information and Communication Centre (AMIC) and Wee Kim Wee School of Communication and Information, Nanyang Technological University (WKWSCI-NTU) 16(1), 79–99. https://doi.org/10.1080/01292980500467632.

Melkote, S. R., & Steeves, H. L. (2015). *Communication for development: Theory and practice for empowerment and social justice* (3rd edition). SAGE.

Narayanasamy, N. (2009). *Participatory rural appraisal: Principles, methods and application.* SAGE Publications.

Papa, M. J., Singhal, A., & Papa, W. H. (2006). *Organizing for social change: A dialectic journey of theory and praxis.* Sage Publications.

Servaes, J., Jacobson, T. L., & White, S. A. (Eds.). (1996). *Participatory communication for social change.* Sage Publications.

Wilkins, K. G. (2000). *Redeveloping communication for social change: Theory, practice, and power.* Rowman & Littlefield Publishers.

Paper 4- Development Communication and Digital Media

Unit 1

Community Development - Concept of Community – The Context of Community Development Work – Values and Purpose of Community Development – Community Development: Theory, Models, Theology - Social Change and Development Theories – Structural-Functionalist Theory Rostow's Modernization Theory – Dependency Theory – Neo-Liberalism

Unit 2

Development Communication – Concept of Development – Paradigms in Development Communication –Development in the Indian context – Sustainable Strategies in Development Communication – Communication Planning Policy - Rural Development in India – Political Economy of Development in India – Poverty and Development Planning – NGOs and Development

Unit 3

Media and Communication – History of Diffusion Research and Development – Modern Media for Development Communication – Media Assistance in Development – Development in the Age of Globalization – Telecommunications for Development – Communication Policy and National Development in India – Development for Whom? A people-centric policy and Development Communication

Unit 4

Digital Media Communication – Introduction: A Layered View of Digital Communication – Digital Revolution – India's Digital Revolution – Application of Digital Communication in

India and the India Coastal Line Community Internet – Altered Reality – Digital Communication in Weather Forecasting – ICT and Economic Growth - ICT and development

Unit 5

Digital Divide and Digital Inequality – Concept of Digital Divide – Reasons for the Existence of the Divide – Dimensions of the Divide – Impact of Digital Divide – Measures to Bridge Digital Divide and Development
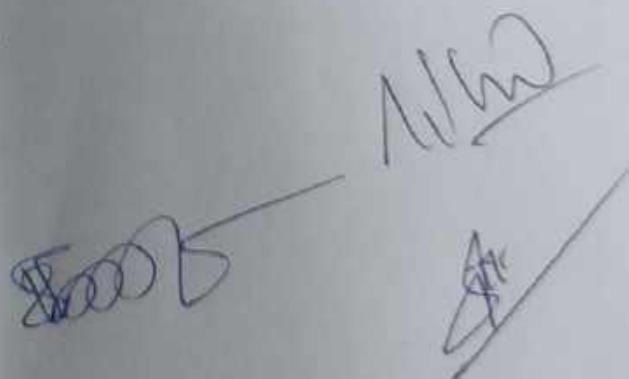
Suggested Readings

Earnshaw, R. (2018). *Research and development in digital media*. Springer International Publishing. https://doi.org/10.1007/978-3-319-73080-6

Maiti, D., Castellacci, F., & Melchior, A. (Eds.). (2019). *Digitalisation and development: Issues for India and beyond*. Springer.

Manyozo, L. (2017). *Communicating development with communities*. Routledge.

McPhail, T. L. (Ed.). (2009). *Development communication: Reframing the role of the media*. Wiley-Blackwell.

Melkote, S. R., & Steeves, H. L. (2015). *Communication for development: Theory and practice for empowerment and social justice* (3rd edition). SAGE.

Narayan, S. S., & Narayanan, S. (Eds.). (2016). *India connected: Mapping the impact of new media*. SAGE.

Phillips, R., & Pittman, R. H. (Eds.). (2009). *An introduction to community development*. Routledge.

Rogers, E. M. (2003). *Diffusion of innovations* (Fifth edition.). Free Press.

Servaes, J. (1999). *Communication for development: One world, multiple cultures*. Hampton Press.

Wilkins, K. G., Tufte, T., & Obregon, R. (Eds.). (2014). *The handbook of development communication and social change*. Wiley Blackwell.

Pondicherry University
Department of Economics
School of Management
Kalapet. Puducherry - 605 014

Minutes of the First Doctoral Committee Meeting
of Ms. Aleena Jose, Ph.D. Research Scholar (Full Time)

The First Doctoral Committee Meeting in respect of Ms. Aleena Jose, Ph.D. Research Scholar (Full Time) was held in the Department of Economics on July 6, 2022 at 4.30 p.m. The members present were:

Prof. Amaresh Samantaraya,   (Supervisor)
Professor, Department of Economics
Pondicherry University, Puducherry-605 014

Prof. M. Banumathi
Professor, Department of International Business
Pondicherry University, Puducherry-605 014

Prof. Prasant Kumar Panda
Professor & Head, Department of Economics
Pondicherry University, Puducherry-605 014

2.   Prof. Amaresh, the Ph.D. supervisor welcomed the DC members at the outset, and introduced the scholar to the Committee. On the advice of the supervisor, the scholar presented an overview of work undertaken by her, since she joined the Ph.D. programme. She briefly explained working of the macroeconomy using the aggregate-demand and aggregate supply framework. She also narrated the role of monetary policy in moderating economic fluctuations as per the mainstream thinking. The committee members asked for some clarification from the scholar on the presentation. She offered her views on the issues raised.
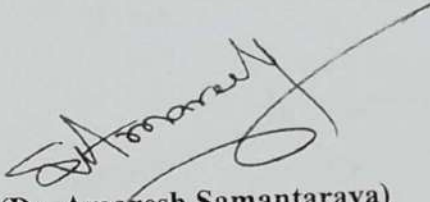
3.   The scholar proposed to undertake her Ph.D. work in the broad area of "Money and Banking" and the Committee approved it.
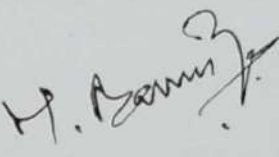
4.   The Committee decided that the research scholar should undertake examinations under Part I of the Ph.D. Programme for following three courses with total of 12 credits, in October 2022. The papers are:
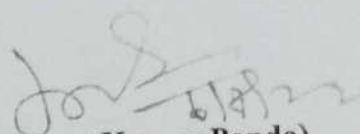
     (i) Paper I – Research Methodology   : 4 credits

     (ii) Paper II – Area paper (Money and Banking)   : 4 credits

     (iii) Paper III – Research and Publication Ethics   : 4 credits

The syllabus for Papers I & II as approved by the Committee is attached below in the annexures. The syllabus for Paper III will be as prescribed by the University/UGC for the Ph.D. scholars

5.   The Committee decided to meet in early November 2022 to finalize the marks of the Part–I Examination.

(Dr. Amaresh Samantaraya)   (Dr. M. Banumathi)   (Dr. Prasant Kumar Panda)

2

Syllabus for Paper I – Research Methodology
(Aleena Jose, Dept, of Economics)

Module I: Scope of Research and Research Process

Theory and Research – Objectives of Research – Usefulness of Social research – Criteria for good research – Stages in research work: Problem formulation, extensive research survey – developing the hypothesis – preparation of research design – collection and analysis of data – testing hypothesis – preparation of thesis

Module II: Approaches to Research Problem

Various approaches of research: Historical approach – Descriptive approach – Case study approach – Experimental approach – Explanatory approach – Methods, merits and limitations of the above approaches

Module III: Regression models

Simple and Multiple Regression models – Specification, estimation and hypothesis testing – CLRM assumptions and Gauss-Markov theorem - OLS method – Problem of autocorrelation, heteroscedasticity, model specification errors, etc.

Module IV: Time Series Econometrics
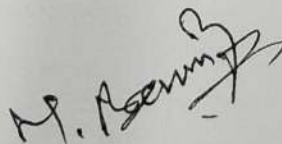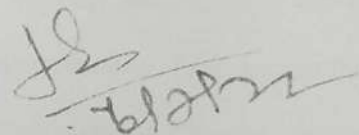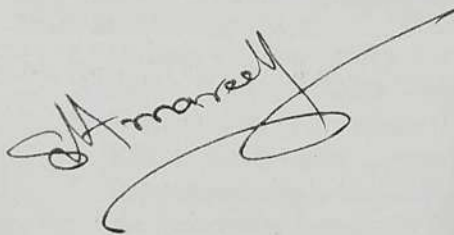
Components of a time series - Stationarity and Unit root tests – Cointegration and ECM – AR, MA and ARIMA models – ARCH and GARCH models

Module V: Panel Data Analysis

Panel data – advantages and disadvantages – Fixed effect models – Random effect models – unit root tests and cointegration in panel data – dynamic panel models

Readings

1. Gujarati, Damodar (2012): *Basic Econometrics*, McGraw Hill Education
2. Pindych, Robert S. and Daniel L. Rubinfeld (2000): *Econometric Models and Economic Forecasts*, McGraw Hill Higher Education
3. Baltagi, H. Badi (2021): *Econometric Analysis of Panel Data*, Springer
4. Kothari C.R. (2004): *Research Methodology: Methods and Techniques*, New Age International (P) Ltd.

Syllabus for Paper II – Money and Banking
(Aleena Jose, Dept, of Economics)

Module I: Basic Concepts

Introduction – Concept of money and its functions – Role of money in a capitalist economy: Advantages over barter – Monetary policy, output stabilization and inflation control – Basic banking and general principles of bank management: Solvency, Liquidity and Profitability – Role of banks for the economy: Financial intermediation and augmenting savings and investment – Productive allocation of resources – Solving size and maturity mismatches – risk diversification

Module II: Demand for and Supply of Money

Demand for Money: Quantity theory of money – Keynesian analysis – Post-Keynesian: Tobin's and Baumol's approach – Monetarist money demand function – Supply of Money: Central bank, money-multiplier and money supply – Creation of money and role of commercial banks – Empirical analysis of money demand and money supply with special reference to India

Module III: Money and Interest Rates

Money and Interest Rate: Understanding interest rates behavior, real and nominal interest rates – Fisher equation – Term structure of interest rate – Factors influencing changes in equilibrium interest rate and liquidity preference framework – Role of money and interest rates on real economic activity and inflation Applications: Changes in income, money and prices on equilibrium interest rates

Module IV: RBI and Conduct of Monetary Policy in India

Reserve Bank of India and its monetary policy: Overall monetary policy framework – instruments, targets and objectives – transmission mechanism: Money versus credit view – channels of monetary transmission – operating procedure, liquidity management and OMOs – challenges in the conduct of monetary policy – Adoption of Inflation Targeting by RBI and the Role of MPC

Module V: Banking Regulation and Supervision in India

Banking supervision and regulation in India – Supervisory role of RBI – CAMELS – Management of credit risk, market risk and operational risk – Basel prudential norms – Lessons from Asian crisis, Global financial crisis (2007) for banking regulation and operations – Incidence of high NPAs of banks in India in recent years – Insolvency and Bankruptcy Code

Readings

1. Mishkin, Frederic (2008): *The Economics of Money, Banking, and Financial Markets*, 7th edition, Pearson Addition Wesley, New York
2. Pierce D.G. and P.J. Tysome (1985): *Monetary Economics: Theories, Evidence and Policy*, 2nd Edition, Butterworths, London
3. Samantaraya, Amaresh (2015): *Conduct of Monetary Policy in India: Changing Dimensions in the Post-reform Period*, TR Publications, Chennai.
4. Reserve Bank of India: *Report on Currency and Finance*, various issues.

प्रो.के.देवन/**Prof. K. DEVAN**
समन्वयक / **Coordinator**
Academics

आर.वी.नगर/R.V.NAGAR
कालापेट/KALAPET
पुदुच्चेरी/PUDUCHERRY-605 014

No.PU/AS/Aca-2/Ph.D./Syllabus/2021-22/2 2

Date: 22.04.2021

03.05.

Sir/Madam,

Sub: Syllabus on "Research and Publication Ethics (RPE)" course – Mandatory course to all Research Scholars admitted from the academic year 2020-21 – Reg.

As per UGC's directive, the course on "Research and Publication Ethics (RPE)" is to be taken by all Research Scholars admitted from 2020-21 onwards.

The Syllabus of the course as prescribed by UGC is enclosed herewith for implementation.

Yours faithfully,

COORDINATOR (ACADEMICS)

Encl.: As above

To

All the Deans/HODs/Centre Heads, Pondicherry University, Puducherry

Copy to:

1) The Dean (Research), Pondicherry University, Puducherry
2) The Controller of Examinations, Pondicherry University, Puducherry
3) Prof. M.S. Pandian, Dean & Chairman (Ph.D. Regulations Committee), School of Physical, Chemical and Applied Sciences, Pondicherry University, Puducherry

Doctor of
Philosophy (Ph.D.)
Regulations

2018-19
(Modified upto August - 2020)

PONDICHERRY UNIVERSITY

Doctor of Philosophy (Ph.D.) Regulations

2018-19
(Modified upto August - 2020)

PONDICHERRYUNIVERSITY

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PONDICHERRY UNIVERSITY
PUDUCHERRY

Ph.D. Regulations– 2018

Preamble:

Pondicherry University, a Central University, has from time to time, revised Ph.D. Regulations to take into account the developments in higher education and guidelines given by University Grants Commission. Recently UGC has introduced new Ph.D. regulations, and called it "UGC (Minimum Standards and Procedure for Award of M.Phil./Ph.D. Degrees) Regulations 2016". PU has taken note of these regulations and taken up revision of its previous regulations introduced in 2009. The present regulations shall be called "Pondicherry University Ph.D. Regulations – 2018". All the activities of research scholars from admission to exit shall be handled by Pondicherry University Research Scholar Academic Management System (PURAMS). The Chairperson, IQAC will be the Nodal Officer for PURAMS. Controller of Examinations will keep all the data and records in secure manner.

1. *Eligibility for Admission*

1.1 .Educational Qualifications (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 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, having secured 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 / Faculties 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/Paramedicine of this University or any other University, through regular full time study, recognized by this University, having secured 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, having secured 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, having secured 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, may be allowed for those belonging to SC/ST/OBC (non-creamy layer)/differently-abled and other categories of candidates as per the decision of the Commission from time to time.

1.2. Requirement of Experience for 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 who have put in at least 5 years of continuous teaching experience in the subject concerned.

(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 the Master's Degree of which at least two years should be relevant to the field of research, proof of which to be evidenced through two research papers published in UGC approved journals (wherever applicable) or standard journals **OR** (ii) the candidate has at least 5 years of work experience with M.Phil. in the subject concerned and published two research papers in UGC approved journals (wherever applicable) or standard journals in the subject concerned.

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

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

1.3. Requirement of Experience for 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 the 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 published at least two Papers in UGC approved journals or standard journals, or reports / monologues / book of equivalent standard, or a patent registered, in the concerned subject / area of research.

(c) Technocrats, Scientists, Social Scientists & Scholars and Administrators with at least 10 years of experience in India or abroad after obtaining Master's degree and educational qualifications as in section 1.1, who have sufficient exposure in research & development, and have generated useful data/patent/knowledge as evidenced by at least two papers in UGC approved journals or standard journals, or reports / monologues / book of equivalent standard, or a patent registered, in the concerned subject / area of research.

2. *Admission*

2.1. Mode of Admission (Full-time and Part-time)

Admission for Ph. D. programmes shall be advertised in leading newspapers and also in the University's website once each year.

(a) The candidates seeking admission have to fill in the prescribed admission form and submit the same within the prescribed date specified in the admission notification. The admission shall be based on the criteria notified by the University and taking into account the reservation policy of the Central/State Government from time to time.

(b) There shall be an Entrance Test for all the candidates, Full-time, Part-time internal, Part-time external, except those mentioned in 2.2.The short-listed candidates have to appear for an interview / Viva-Voce where candidates are required to discuss their research interest/area through a presentation before a duly constituted Ph.D. Admission Committee.

(c) The Candidate would be required to give a seminar on the proposed topic of research in the concerned School/Department/Centre. Such a seminar may be fixed with the mutual convenience of the Candidate, the Supervisor and the Admission Committee, and held before the application along with the research proposal is sent to the University. The Admission Committee / University may also adapt any other method of evaluation of the Candidate which will also form the basis for considering the provisional admission to the candidate. The Admission Committee / University should be convinced of the potential of the Candidate to carry out research.

(d) In case of candidates working outside the University area, a Co-guide duly recognized by the University may be permitted, if necessary, in addition to the University Guide / Supervisor on the recommendation of Doctoral Committee.

Note: Mere possession of required educational and other qualifications and being called for interview alone cannot be claimed as a right for admission to the Ph.D. programme.

2.2. Entrance Exempted category

(i) Regular Teacher candidates awarded QIP/FIP by UGC/AICTE or such other organization of Government of India working in the 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.

(ii) 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.

(iii) 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 the Ph.D. 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 test.

(iv) Regular teachers of Pondicherry University and Regular Teachers from affiliated colleges who have cleared the NET Lecturership and who seek admission to the part-time Ph.D. are exempted from the Entrance Exam and are eligible to register immediately after completing their probation in the University/College.

(v) Non-resident Indians and foreigners residing/ working abroad and working in academics/research/ industry at least for ten years after acquiring the qualifying 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 experiences and having proven aptitude for the research exhibited through publications will only be considered by the admission committee under this clause. Their publications will be evaluated by the Department Committee before called for giving a seminar. The 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 entrance test, but they shall give a seminar before the Admission Committee.

2.3. Admission committee

(a) For the selection of the Ph.D. candidates, an Admission Committee for each Department shall be constituted consisting of all the faculty members eligible to guide in that Department and a VC's nominee. The Head of the Department will convene the meetings of the Admission Committee. One member of the Committee shall belong to the SC/ST category. If no SC/ST faculty is available in the Department concerned, a SC/ST member from other Departments may be co-opted as a Member.

(b) For affiliated colleges and institutions where the Ph.D. programme is offered, an Admission Committee will be constituted by the Principal / Head of the institution with a VC's nominee.

(c) The Committee shall scrutinize the academic, professional and research potential of the candidates. Based on the performance in the written examination (if required, see 2.1) and interview / seminar / Group Discussion, the Committee shall duly certify on the eligibility of the candidate for provisional registration in the Ph.D. programme.

(d) Each selected Candidate shall be issued with an admission letter by the appropriate authority.

3. *Duration of the Programme*

3.1. Full time

The duration of the Ph.D. Full-Time programme shall be a minimum period of three years from the date of registration, and two years for those with M. Phil. or equivalent degree.

3.2. Part-time

Part-Time candidates, both Internal and External, shall have to complete a minimum of three years from the date of registration.

3.3.

All candidates shall publish minimum of one research paper in UGC approved journals or standard journal, and present Papers -- at least one in national / international level seminars / conferences / workshops before submitting the Synopsis.

3.4. Maximum Time Limit

The maximum time limit for submission of the Ph.D. Thesis from the date of provisional registration is five years in the case of full time and six years in the case of part-time (internal/external) candidates. However, a maximum of two extensions of six-months duration shall be given at the discretion of the Vice- Chancellor on the recommendation of the Supervisor, Doctoral Committee, HOD and Dean.

The women candidates and Persons with Disability (more than 40% disability) may be allowed a relaxation of two years in the maximum duration. In addition, the women candidates may be provided Maternity Leave/Child Care Leave once in the entire duration of the Ph.D. upto 240 days as per Government of India norms from time to time.

4. *Provisional Registration to the Ph.D. Programme (Full-time and Part-time)*

(a) A candidate, certified as eligible for the Ph.D. programme by the Admission Committee, shall be provisionally registered for the Ph.D. Degree with the approval of the University and on payment of prescribed fee.

The Department/Centre/College has to forward the application for provisional registration along with the required documents to the Dean /Controller of Examinations within six months from the date of admission.

(b) A candidate applying for provisional registration shall do so, specifying the broad-field or an interdisciplinary field in which he / she intends to pursue research, the subject of research being wholly or partly related to the main branch of knowledge chosen for the post-graduate degree in which the candidate has qualified and the name of the recognized guide under whom he / she proposed to do research. Copy of the Research proposal presented before the Admission Committee be enclosed along with the application for Provisional Registration.

(c)   Candidates who propose to carry out research work in an area involving more than one discipline will be permitted to have a Co-guide on the recommendations of the Supervisor / Doctoral Committee, if necessary. The Co-guide should be duly recognized as Research Supervisor by Pondicherry University, and could be chosen from a different Department / Centre of the Pondicherry University, or from any other University / Institution.

(d)   Candidates can also register under a Supervisor outside the country /an overseas Professor, with a co-guide in the University provided that the University has an MoU with such institutions, and the Supervisor is duly recognized by the University.

(e) Provisional registration and all stages thereafter are to be taken care of by the Examination Section.

(f)   The following functions are to be carried out by the office of the respective Dean:

  I.   Issue of letter of provisional registration to Ph.D. programme
  II.   Monitor timely Constitution of the Doctoral Committee.
  III. Monitor that the meetings of Doctoral Committee are conducted at least, once in a year where the candidate's progress is assessed.
  IV.   Issue of letter of confirmation of registration to Ph.D. programme.
  V.   On submission of the Synopsis and list of Examiners, the relevant documents are to be verified, endorsed and forwarded to the Controller of Examinations for processing the appointment of examiners.

(g) Candidates under Fulltime should do research work in the University/Departments/Affiliated Research Institute and shall be available during working hours for curricular/Co-curricular and related activities.

5. *Doctoral Committee*

(a)   When the Candidate is accepted for provisional registration, a Doctoral Committee will be constituted in each case. The Doctoral Committee shall consist of the Guide / Supervisor (as Coordinator, he/she would initiate steps for the formation of the Committee), Co-Guide, if applicable, one or two faculty members from the Department, and one faculty member from outside the Department / School (within the University) specializing in a related field. However, the maximum number of members of the Committee shall be limited to four. All members of the Doctoral Committee must be recognized research guides. The Committee will be formed from the panel of names suggested by the Supervisor and nominated and approved by the Dean.

   In case of long absence or retirement of a Doctoral Committee Member, or for any other valid reason, the Supervisor can request the Head and Dean for a replacement of the Member.

(b)   This Committee shall have the following responsibilities:
  (i) To review the research proposal and finalize the topic of research.
  (ii) To guide the Research Scholar to develop the study design and methodology of research and identify the course(s) that he/she may have to do.
   (iii) To periodically review and assist in the progress of the research work of the Research Scholar.

(c)   A Research Scholar shall appear before the Doctoral Committee at least once in a year to make a presentation of the progress of his/her work for evaluation and further guidance.

(d)   The first meeting of the Committee shall be within six months after the provisional registration, and in this meeting, the Committee shall prescribe the courses that the candidate needs to take as requirement for the **Part-I** Examination (in case the Research Scholar does not have an M.Phil.).

(e) **The Part-I** examinations shall be conducted by the Supervisor/HOD/Principal withintwo years in consultation with the Doctoral Committee. The Doctoral Committee shall meet after the conduct of the examination to finalize the result. The Supervisor will communicate the result through HOD/Principal/Dean to the Controller of Examinations.

(f) The Committee shall conduct in the Department a seminar in which the candidate makes a public presentation of his/her Synopsis on a working day. The Thesis shall be submitted after one month, but before the completion of 6 months from the date of the Synopsis seminar.

(g) The Committee, after examining the progress made by the Candidate, shall recommend the submission of the Synopsis and the Thesis within the due date stipulated by the University. The Doctoral Committee shall endorse changes in the title of the Thesis, if any proposed by the Candidate and the Supervisor.

(h) The Committee shall approve the names of the Panel of Examiners, suggested by the Supervisor for the evaluation of the Thesis, and this Panel will be forwarded by the Dean of the School to the Controller of Examinations. The Committee shall ensure that all the Examiners are of high standing in the field of the research of the Candidate.

6. *Course of Study*

The course of study for the Ph.D. programme shall consist of two Papers under Part-I, and the Thesis and the public Viva-Voce under Part-II.

6.1 . Examination under the Part-I of the Ph.D. programme

(a) Unless otherwise indicated, in the light of the Candidate's attainment and with a view to fulfilling the requirements of research, each provisionally registered Candidate shall be required to work under a Supervisor and undergo such courses of instructions as may be prescribed by the Doctoral Committee during the first year of provisional registration.

(b) The Ph.D. candidate shall take the Part I examination consisting of, at least, two written Papers of 3 hours duration each and a maximum mark of 100 for each Paper, shall be conducted by the Supervisor/HOD/Principal within two years in consultation with the Doctoral Committee.

(c) Generally, the Paper-I shall be on Research Methodology, and the Paper-II shall be on the specific area of research and allied fields. However, considering the courses passed by the candidate and his/her experience, the titles of the above courses and syllabi shall be suitably defined by the Doctoral Committee. The Doctoral Committee can also suggest additional courses taking into account the candidate's proficiency in the topic of research.

(d) Syllabus for the Paper-I shall be prepared and published by the respective School Boards for the benefit of the Ph.D. scholars.

(e) Evaluation of Paper-I will be done by the teacher who offers the course and Paper-II will be evaluated by the Supervisor / teacher who offers the course. The passing minimum for each of the Papers shall be 55 % marks. Each Paper of the Ph.D. course work shall be with a minimum of 4 credits. The course work shall have a total minimum credits of 8 and maximum credits of 16.

(f) A candidate who fails in the written examination of one or more Papers may be permitted to reappear for the examination of those Papers only once. All the candidates shall have to clear the Part-I Examination within two years from the date of registration.

(g) A candidate who fails in any Paper in the second attempt shall not be permitted to continue and the provisional registration shall be cancelled.

(h) Apart from above, all Ph.D. Scholars are required to complete a course on **"Research and Publication Ethics (RPE)."**

Exemption from Pre-Ph.D. - Part-I Exam

Candidates with M. Phil./M.Tech. qualification or Post-Graduate professional qualifications mentioned in clause 1.1 (b) and 1.1 (c) of the Ph.D. regulations or any other qualification as prescribed by the University from time to time are exempted from taking the pre-Ph.D. Part-I Examination, provided they are admitted to the research programme in their own Faculty / Discipline and based on the recommendation of Doctoral Committee.

However, these candidates, if they have not completed courses on (1) Research Methodology and (2) Research and Publication Ethics (RPE) at M.Phil / M.Tech., they will be required to complete these two courses under Part-I of Ph.D. Programme.

6.2.   Confirmation of Provisional Registration and submission of Thesis under Part –II

(a) The Provisional Registration of a candidate for the Ph.D. Degree shall be confirmed on receipt of the report of the result for the Ph.D. Part-I Examinations conducted under the supervision of the Supervisor/HOD and the Candidate will be registered under Part-II of the Ph.D. programme, namely, the Thesis and the Viva-Voce. Such candidates shall be required to choose a research topic programme and submit a Thesis incorporating the results of his / her investigations carried out under the guidance of the Supervisor.

(b) Candidates admitted to the Ph.D. programme under Part-time (External) are required to be present in the concerned Department for at least 90 days continuously or on maximum of 3 spells before submitting the Ph.D. Thesis. The time spent by the Candidate in field studies/ visits to laboratories for research work/ interactions with the co-Supervisor could be also included in the above minimum residence requirement of the programme, subject to the approval of the Doctoral Committee, HOD and the Dean.

6.3.   Conversion from Full-time to Part-time and Vice-versa

(a) Conversion of the Ph.D. research from full-time to part-time and vice-versa will be allowed only in special circumstances on the recommendation of Doctoral Committee after completion of two years from the date of registration and on payment of the prescribed status change fee of Rs.5000/-.

(b) The following formula will be adopted for the conversion of the Ph.D. programme from full-time to part-time and vice-versa: the residual period that the candidate has to complete at the time of his / her request for conversion (from full-time to part-time or part- time to full time, as the case may be), for fulfilling the requirement of the minimum duration of submitting the Thesis under the existing category, will be taken note of, and the equivalent period of the corresponding number of days shall be determined and intimated to the Candidate, without exceeding the maximum duration.

7.   *Cancellation of Registration*

(a) Registration may be cancelled on the recommendations of the Doctoral Committee, based on the lack of progress as reported by the Guide, and also after giving due opportunity to the Candidate for defending his/her case.

(b)   In case the progress of the Research Scholar is unsatisfactory, the Doctoral Committee shall record the reasons for the same and suggest corrective measures. If the Research Scholar fails to implement these corrective measures, the Doctoral Committee may recommend with specific reasons the cancellation of the registration of the Research Scholar.

(c) Registration of the Candidate will be automatically cancelled if he / she fails to submit the Ph.D. Thesis within the maximum time limit prescribed in clause 3.4.

8.   *Supervisors*

8.1   . Assignment of Supervisor/s

(a)   Assignment of supervisor will be mainly according to the Candidate's preference. The Candidate will select the Supervisor according to his / her area/s of interest commensurate with the Supervisor's area of specialization. The Candidate will be required to select 2 Guides, out of which one will be allotted by the Admission Committee in accordance with his/her availability. In the event of non-availability of the Supervisor(s) chosen by the Candidate, the Admission Committee may recommend any other Supervisor in the field.

(b)   The Pondicherry University shall prepare a Panel of Research Supervisors in each discipline from both within the University and from leading research centers/institutions in India and abroad. The selection of the Supervisors for empanelment shall be made both with the consent of the person and after due deliberations of his academic standing by the concerned School Board and approval of the Academic Council. The Panel of Supervisors shall be put on the website of the University and the prospective candidates can enter into advance correspondence with the Supervisor and obtain his / her consent letter.

(c)   In order to promote interdisciplinary Research, the Supervisor and co- Supervisor can be chosen from allied subjects from the same School or other Schools.

(d)   A Supervisor may be chosen by the Candidate from any Institution in India and abroad, provided that he/she has been recognized by the Pondicherry University as Research Supervisor of the Ph.D. program.

(e)   In the event of an external Supervisor, there shall be a co-supervisor from the Pondicherry University.

(f)   Internal and external part-time and full time Ph.D. students with the approval of the Admission Committee / Doctoral Committee can have co- Supervisors from other Departments of the University or from any Institution in India, duly recognized by the University of the Research Supervisor.

(g)   A Research Supervisor/co-Supervisor who is a Professor, at any given point of time, cannot guide more than eight Ph.D. Scholars. An Associate Professor as Research Supervisor can guide up to a maximum of six Ph.D. Scholars, and an Assistant Professor as Research Supervisor can guide up to a maximum of four Ph.D. scholars. Vacancy shall be reckoned on the submission of the Thesis.

(h)   A Candidate's close relatives/blood relations/spouse cannot be assigned as his/her Supervisor.

(i)   Faculty shall obtain prior permission to act as a Supervisor/co-Guide for another University.

(j) In case of the relocation of a Ph.D. Scholar due to marriage or otherwise, the research data shall be allowed to be transferred to the University to which the Scholar intends to relocate, provided all the other conditions in these regulations are followed in letter and spirit and the research work does not pertain to the project secured by the parent institution/ Supervisor from any funding agency. The Scholar will, however, give due credit to the parent Institution and the guide for the part of research already done there.

8.2. Recognition of Supervisors

(a)   Professors / Associate Professors of Pondicherry University holding a Ph.D. degree are eligible to guide from the date of their joining the University.

(b)   Assistant Professors of Pondicherry University, appointed as regular Faculty, holding a Ph.D. degree with at least one year of teaching / post-doctoral research experience and three publications in UGC approved journals or standard journals after the award of their Ph.D. can apply for recognition. On the recommendations of the HOD and the Dean, recognition of the Assistant Professor may be approved by the Vice-Chancellor.

(c)   Teaching faculty working in affiliated colleges / institutions which are recognized for conducting the Ph.D. programme, appointed as regular faculty, holding a Ph.D. degree with at least two years of teaching experience and three publications in UGC approved journals or standard journals published after the award of their Ph.D., can apply for recognition. On the recommendation of the concerned Dean and / or a panel of subject experts, recognition may be approved by the Vice-Chancellor.

(d)   Scientists / Faculty of a rank at least equivalent to that of Assistant Professor and having the prescribed qualification mentioned for teaching faculty (8.2 (b) & (c)) employed in approved research centres / institutions, in India or abroad, can also be recognized by this University as Supervisors for Ph.D.

(e)   Provided further that in the Faculty of Medicine, a person holding Post-Graduate qualifications with five years of teaching and research experience after acquiring the Post- Graduate qualification, and with not less than five years of teaching experience at the Post-Graduate level and at least three MCI approved publications (one should be PubMed – indexed as first author or corresponding author), shall be eligible for recognition as a Supervisor for the Ph.D. programme.

(f)   Provided further that in the Faculty of Law, a person holding a Ph. D. degree with five years of teaching and research experience after acquiring the Post- Graduate qualification in Law and with not less than one year of teaching and research experience at the Post-Graduate level after obtaining the Ph.D. degree, and at least two publications in reputed UGC approved journals or standard journals shall be eligible for recognition as a Supervisor for Ph.D. research work.

8.3 . Responsibilities of Supervisors

(a)   The Supervisor carries the major responsibility of guiding the academic progress of the Candidate throughout the period of study. He / she counsels the Scholar in academic matters, and provides guidance on the nature of course work and research, the standards expected, the adequacy of progress, and the quality of work.

(b)   Maintaining the copies of records of the reports/minutes of the Doctoral Committee.

(c)   A Supervisor, who will be superannuating in less than **three** years period, cannot take a new Ph.D. student. However, he/she can co-supervise new students.

(d)   To ensure the successful and timely completion of the programme, it is essential that Supervisors and their Scholars maintain regular contact. Supervisors must give their Scholars advance notice if they plan to be absent from the University for an extended period of time, of at least six months, and make suitable arrangements for the continued supervision of the Scholar.

8.4. Change of Supervisor

(a) In case of the absence of the allotted supervisor for more than 6 months and up to 1 year, a Supervisor in-charge may be allotted from the same Department or related Department with the approval of the Doctoral Committee.

(b) In case of the Supervisor leaving the University permanently or on deputation elsewhere or otherwise for a period of more than one year, the Candidate may be permitted to change the topic of research, if necessary, with a change of the guide. The duration of research will be the same if the topic of research remains the same. If there is a change in the topic, the minimum duration of research will be decided by the Doctoral Committee.

(c) Based on the recommendation of the Doctoral Committee, HOD and Dean, the Vice-Chancellor may approve a change of Supervisor under conditions such as non-availability of the Guide for more than one year or any other extraordinary condition.

8.5. Co-Supervisor/Co-Guide

a) To accommodate interdisciplinary aspects of research, a Supervisor can act as a co-Guide on the basis of recommendation of the Doctoral Committee with the approval of the Director/ Vice-Chancellor. The number of candidates registered under a co-Guide shall not be taken into consideration while counting the permissible number of candidates registered under a particular Guide/Supervisor. The main Supervisor / Guide shall be responsible for the successful completion of the Ph.D. programme of a Candidate.

(b) The University shall prepare a Panel of External Supervisors chosen from amongst the leading and well known researchers in various fields. This Panel shall be prepared by invitations of expression of interest from National Laboratories, National Research institutions and overseas Universities.

9. *Institutions where Research can be done*

(a) All the Schools / Departments / Centres of the Pondicherry University.

(b) Post Graduate Departments of Colleges/Institutions affiliated to the University with at least two Ph.D. qualified teachers and having necessary facilities to carry out Ph.D. research and duly recognized for Doctoral Research, based on the recommendation of an Expert Committee in the branch of study concerned. The recognition for conducting research is valid for ten years, and the Expert Committee shall renew it after due inspection.

(c) Regional Research Institutes located in the territorial jurisdiction of the University.

(d) National Research Institutes under ICMR, CSIR, ICSSR, IIA, NGRI, DRDO, DAE, etc, and all Government of India Research Institutes of national importance deemed to have been recognized as Research Centres.

(e) Colleges with adequate facilities for research as mentioned below alone shall offer Ph. D. programmes:

   (i) In case of science and technology disciplines, exclusive research laboratories with sophisticated equipment as specified by the Institution concerned with provision for adequate space per research scholar along with computer facilities and essential software, and uninterrupted power and water supply;

(ii)   Colleges may also access the required facilities of the neighbouring Institutions/Colleges, or of those Institutions/ Colleges /R&D laboratories /Organizations which have the required facilities.

(iii)   Earmarked library resources including latest books, Indian and International journals, e-journals, extended working hours for all disciplines, adequate space for research scholars in the Department/ library for reading, writing and storing study and research materials;

10.   *Twinning Programme/Joint Degrees*

Where the research work has been carried out at Pondicherry University and another University / Institution in India or abroad under an MOU, where a provision for joint degree exists, the Ph.D. degree will be jointly awarded by both the Universities.

11.   *Synopsis*

(a)   Not less than one month before the submission of the Thesis, every Candidate shall submit to the University, through the Supervisor, HOD and Dean, **three** copies of the Synopsis of the Thesis along with the electronic version, together with the Title of the Thesis and prescribed examination fee. The Candidate shall prepare the Synopsis carefully in consultation with the Supervisor. The Synopsis should bring out in an abridged form, the aims for conducting research, work done, results and findings. The Candidate shall make a presentation of the Synopsis at a seminar in the Department before the submission of the Synopsis (see Clause 5 (f) & (g).

(b)   The Synopsis of the Thesis shall not be less than four pages or exceed ten pages, typed on A4 size paper with one and half space. The University shall prescribe a format for the Synopsis from time to time. The Candidate shall also submit the electronic version (read only format) of the Synopsis.

(c)   A Panel of not less than ten examiners, at least six from India (outside the University area) and at least four Foreign Examiners from Developed Countries along with a resume, shall be recommended by the Doctoral Committee for evaluating the Thesis. Any person related to the candidate or Supervisor(s) should not appear in the panel of examiner. The Panel of Examiners shall be duly endorsed by the Head of Department and Dean of the concerned School and sent to the Controller of Examinations. The Supervisor may contact each member in the Panel of Examiners to seek their consent to be placed in the Panel.

(d)   After the submission of the Synopsis and on the nomination of the Examiners by the Vice-Chancellor, the Controller of Examinations shall send the Synopsis and obtain the consent of the Examiners.

(e)   Ph.D. scholars must publish at least one research paper in refereed journal (Two PubMed – Indexed Publication in case of Medical/ Para-medical stream) and make two Paper presentations in conferences/seminars before the submission of the Dissertation/Thesis for adjudication, and produce evidence of the same in the form of presentation certificates and/or reprints.

12.   *Submission of Thesis*

(a)   The Ph.D. programme culminates with the submission of a Thesis of a substantial work of original research carried out by the Candidate under the guidance of the Supervisor. It is expected to be potentially publishable and stand peer review.

(b)   The Candidate shall submit **four** copies of the Thesis in a soft bound form to the Controller of Examinations for evaluation by the Experts. Once the Thesis gets approved, the Candidate shall incorporate all the corrections / suggestions, if any, and resubmit **two** final version of the Thesis in hard bound form to the Supervisor and **two** copies in the electronic form (read- only format) through the Supervisor and Head of the University Department / Head of the Institution, and the Dean. The Supervisor shall certify that the corrections / suggestions (if any) were incorporated.

(c)   The Thesis should be submitted to the University for evaluation not later than **six** months after the submission of the Synopsis, through the Supervisor, and through the Head of the University Department /Head of the Institution, and the Dean, along with his / her application for the Ph.D. Degree.

(d)   The Thesis should be scrutinized by a software / gadget approved by the University to detect plagiarism and other forms of academic dishonesty. While submitting for evaluation, the Thesis shall have an undertaking from the Research Scholar and a certificate from the Research Supervisor attesting to the originality of the work, vouching that there is no plagiarism and that the work has not been submitted for the award of any other degree/diploma of the same Institution where the work was carried out, or to any other Institution.

(e)   If a Candidate is unable to submit the Thesis within six months from the date of the submission of the Synopsis, on the recommendation of the Doctoral Committee, HOD and Dean, he/she may be given a maximum of two extensions of three months with the approval of the Vice-Chancellor. If a Candidate fails to submit the Thesis within one year from the date of the submission of the Synopsis, he/she has to submit the Synopsis again based on the recommendations of the Doctoral Committee. The Supervisor shall then submit a fresh Panel of Examiners with the approval of the Doctoral Committee. In all the cases, the maximum time limit for the submission of the Thesis prescribed in clause 3.4 is applicable.

(f)   One copy of the Thesis will be placed in the internet server after the award of the Ph.D. Degree for the period specified in the ETD Form.

(g) Supplementary Papers to the Thesis, printed copies of any contributions to the knowledge of the subject or of any cognate branch of science that may have been published in journals or periodicals may also be included along with the Thesis or given as Bibliography.

(h)   The Thesis shall ordinarily be submitted not later than five years from the date of registration in the case of full-time candidates and six years in the case of part-time candidates. The women candidates and Persons with Disability (more than 40% disability) may be allowed a relaxation of two years in the maximum duration. In addition, the women candidates may be provided Maternity Leave/Child Care Leave once in the entire duration of Ph.D. upto 240 days as per Government of India norms from time to time. A maximum of two extensions of six months each shall be given at the discretion of the Vice-Chancellor / Academic Council on the recommendations of the Guide / Doctoral Committee after the expiry of which the registration will stand automatically cancelled.

(i) Every Candidate shall submit with his/her Thesis a Certificate from the Supervisor under whom he / she worked, that the Thesis submitted is a record of original research work done by the Candidate during the period of study under his
/ her supervision and that the Thesis has not previously formed the basis for the award to the Candidate of any Degree, Diploma, Associateship, Fellowship or other similar titles, and that the Thesis represents independent work on the part of the Candidate.

13. *Valuation of Thesis*

(a)   A board of three Examiners of high eminence shall carry out the evaluation of the Thesis. One of the three Examiners will be from outside India except in certain subjects like Indian Languages.

(b)   The Thesis shall be referred to a Board of Examiners as per the Statues and Ordinances of the University. Once all the reports reach the Controller of Examinations, he/she shall forward them in a sealed cover to the Supervisor. The Supervisor shall send through the HoD and the Dean specific recommendations along with a Consolidated Report and copies of the Examiners' reports, and request for the Viva-Voce to be conducted. After the Viva-Voce, the recommendations shall be sent to the Controller of Examinations for the declaration of the result with the approval of the Vice-Chancellor.

(c)   The Examiners who value the Thesis shall report on the merit of the candidate for the Ph.D. Degree as follows:

  i.   **The Thesis be accepted for the award of the Ph.D. degree in the present form.**
  ii. **The Thesis be accepted for the award of the Ph.D. degree after minor corrections / revisions.**
  iii. **The Thesis can be passed after obtaining clarifications at the time of Viva-Voce.**
  iv. **The Thesis be revised and resubmitted for evaluation.**
  v.   **The Thesis be rejected.**

(d)   If the Thesis is approved, each Examiner may ask clarifying questions, if any, to be answered at the time of Viva-Voce.

(e)   When Examiners differ in their opinion while evaluating the Thesis: In case, all the three examiners or two out of three examiners have not commended, the Thesis shall be rejected and the registration cancelled. In case, one of the three Examiners has not commended, then, the Thesis shall again be referred to a fourth Examiner either Indian or Foreign as the case may be. If the fourth Examiner commends the Thesis, the Candidate shall be allowed to appear for the Viva-Voce examination. If the fourth Examiner does not commend the Thesis, it shall be rejected and registration cancelled.

(f)   If the Examiner / Examiners insist on any correction / revision to be made in the Thesis, the same shall be made by the Candidate before the public Viva-Voce Examination and certified by the Supervisor and the Doctoral Committee.

(g)   If the Examiner / Examiners explicitly suggest(s) requirement of the revision and re-submission for further examination, then the revised Thesis duly certified by the Guide, Doctoral Committee, HOD and the Dean shall be sent to the same Examiner for further evaluation. In the absence of such a statement or if the Examiner concerned specifically instructs that the revised Thesis need not be sent back to him / her, the revised Thesis duly certified by the Guide, Doctoral Committee, HOD and the Dean shall be accepted and the Candidate shall be allowed to appear for the Viva-Voce.

(h)   The Candidate should revise and re-submit the thesis within the shortest possible period -- in any case not later than one year from the date of the communication of the notice from the University.

(i)   In case the Candidate fails to submit the revised form of the Thesis within one year, the process of thesis evaluation gets cancelled. Then, the Candidate shall submit again the Synopsis to start the process of thesis evaluation. The maximum time limit for the submission of the Thesis prescribed in clause 3.4 is applicable.

14. *Public Viva-Voce (Oral Examination)*

(a)   In cases where the Thesis has been approved, and on receipt of communication from the University, the Guide / Supervisor shall coordinate the conduct of the public Viva-Voce for the Candidate.

(b)   One external Indian Examiner of the Thesis, and the Doctoral Committee shall conduct the public Viva-Voce Examination in the presence of interested members of the public. In case where the Indian examiner who evaluated the Thesis is not available, the University may appoint an alternative eminent person, preferably from the Panel previously submitted, for conducting the Viva.

(c)   The Supervisor shall fix the date and time of the Viva-Voce in consultation with the External Examiner appointed by the University for conducting the Viva- Voce Examination. The Guide / Supervisor shall give wide publicity and at least
10 working days' (excluding Saturday, Sunday and Public Holidays) notice for scheduling this Examination. The maximum time limit for conducting the Viva- Voce shall be three months from the date of consolidation of reports. If the Candidate fails to take the Viva-Voce within three months on valid grounds, the Vice-chancellor can permit two three-month extensions on specific request from the Supervisor though the Doctoral Committee, HOD and the Dean. If the Candidate fails to take the Viva-Voce even after the extension, the Ph.D. registration gets cancelled.

(d)   The Viva-Voce can be held on any working day of the University. However, no Viva-voce shall be held until one week after the final version of the Thesis is made available to the Controller of Examinations and the University Library.

(e)   In case the Viva Examiner is not in a position to travel to the University, the Guide / Supervisor can arrange the Viva-Voce with the participation of the External Examiner through video-conferencing.

(f)   In case the Supervisor has retired or is abroad for a long period and is unable to consolidate the reports or convene the Viva-Voce, the HOD can do these work in place of the Supervisor.

(g)   In the Viva-Voce, the Supervisor will introduce the External Examiner who will then conduct the Examination. The Candidate shall make a 30-minute presentation of the Thesis. After the presentation, the External Examiner shall begin the questioning, followed by the faculty present and the public.

(h)   After conducting the Viva-Voce Examination, the Guide / Convener shall convey to the Controller of Examinations of the University, through the HOD/Dean, the result of this Examination, endorsed by the External Examiner. A Candidate who is successful in the public Viva-Voce Examination shall be declared to have qualified for the Ph.D. Degree.

(i)   A Candidate, who is not successful in the public Viva-Voce Examination, may be permitted to undergo the Viva-Voce Examination a second time, within a period of four months. In the event of he / she is failing again, his / her candidature for the Degree will be rejected.

(j) If the Candidate passes the Viva-Voce Examination, the Viva-Voce Examiner and the Guide /Supervisor shall consolidate the recommendation and submit through the HOD and Dean to the Controller of Examinations for the award of the Degree based on:

    1)   The reports of the Examiners who adjudicated the Thesis and
    2)   The evaluation   of   the   Candidate's   performance   in   the   Viva-Voce Examination.

15. *Award of Degree*

(a)   The University shall consider the reports and decide whether the Candidate is worthy of the Degree of Doctor of Philosophy and may take action in accordance with such a decision.

(b)   For candidates who register for Ph.D. program in same/related discipline as that of his/her Master's degree:

Candidates, who qualify for the Ph. D. Degree of a Department/Centre which has prescribed their own domain and related discipline as eligibility for admission shall be awarded the Ph.D. Degree in the name of the programme for which the candidate had registered for Ph.D.

For Example:

(i)   If a Candidate with Master's degree in Physics registers for Ph.D. in Physics, he would be awarded Ph. D in Physics.

(ii)   If a Candidate with Master's degree in Sociology registers for Ph.D. in Social Work, he/she would be awarded Ph.D. in Social Work.

(c)   For the candidates who registers for Ph.D. in the discipline other than his/her Master's degree:

A candidate, who registers for the Ph.D. programme in this University of a Department/Centre other than his/her Master's degree will be awarded Ph.D. degree in the programme for which he/she has registered for Ph.D. However, his/her Master's degree will be mentioned within paranthesis.

For Example:

(i)   If a Candidate with Master's degree in Physics registers for Ph.D. in Green Energy Technology, he would be awarded Ph.D. in Green Energy Technology (Physics).

(ii)   If a Candidate with Master's degree in Commerce registers for Ph.D. in Banking Technology, he/she would be awarded Ph.D. in Banking Technology (Commerce).

16.   *Publication of Thesis*

The Thesis is a public domain document and the research embodied in the Thesis may be published in part in reputed journals or in the form of book.

17. *Power to Remove any Difficulty*

(a)   Any disputes/difficulties in the conduct of the Ph.D. programme may be resolved by the concerned Dean in consultation with the Scholar, Guide, HOD and Doctoral Committee Members.

(b)   If necessary, the Dean may constitute a Committee to resolve the disputes/difficulties and the recommendations may be forwarded to the Vice- Chancellor for the final decision.

(c)   The Vice-Chancellor / Academic Council has powers to remove any difficulty while implementing this programme, notwithstanding whatever said above.

Abbreviations Used

PU: Pondicherry University; VC: Vice Chancellor; HoD: Head of the Department or Centre Head of University Departments / Head of institution of affiliated institutions / Head of institutions having MoU with PU; CoE: Controller of Examinations; DC: Doctoral Committee; AC: Academic Council; SB: School Board; UGC: University Grants Commission; CSIR: Council for Scientific and Industrial Research; NET: National Eligibility Test; JRF: Junior Research Fellowship; PG: Post graduate (as defined by UGC); M.Phil. Master of Philosophy; M.Tech.: Master of Technology; GoI: Government of India; PC: Program Committee.

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PONDICHERRY UNIVERSITY

R. Venkataraman Nagar Kalapet, Puducherry – 14

पांडिच्चेरी विश्वविद्यालय
PONDICHERRY UNIVERSITY
(केंद्रीय विश्वविद्यालय) (A Central University)

प.राजशेखरन/ P. RAJASEKARAN
सहायक कुलसचिव/ Assistant Registrar
(शैक्षणिक-दाखिला) / (Academic-Admission)

आर.वी.नगर/R.V.NAGAR
कालापेट/KALAPET
पुदुच्चेरी/PUDUCHERRY-605 014

Ref No: PU/AS/Aca-2/Ph.D.-Regulations/2020-21/36   **Date: 27.08.2020**
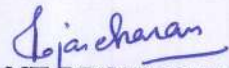
CIRCULAR

Sub: Changes/Additions made in the existing Ph.D. Regulations under clause 2.2. (ii) with regard to Entrance Exempted category – Reg.

Ref: Minutes of meeting of the Committee dated 19.08.2020

Based on the recommendations of the committee cited under reference, the existing clause 2.2. (ii) with regard to admission to Ph.D. programme under entrance exempted category stands modified as under, subject to ratification by Academic Council:

Existing Ph.D. Regulations	Proposed changes/additions
2.2. Entrance Exempted category:	
(ii) 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) to carry out Ph.D. Programme. 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.	(ii) 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.

ASSISTANT REGISTRAR (ACAD-AD)

To

1) All the Deans/HODs/Centre Heads/Faculty Members, Pondicherry University, Puducherry
2) The Controller of Examinations, Pondicherry University, Puducherry
3) The Dean, College Development Council, Pondicherry University, Puducherry
4) The Principal, Pondicherry Engineering College, Pillaichavady, Puducherry 605 014

Doctor of Philosophy(Ph.D.) Regulations

PONDICHERRY UNIVERSITY

2018-19
(Modified upto August - 2020)

Doctor of Philosophy (Ph.D.) Regulations

2018-19
(Modified upto August - 2020)

PONDICHERRYUNIVERSITY

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PONDICHERRY UNIVERSITY
PUDUCHERRY

Ph.D. Regulations– 2018

Preamble:

Pondicherry University, a Central University, has from time to time, revised Ph.D. Regulations to take into account the developments in higher education and guidelines given by University Grants Commission. Recently UGC has introduced new Ph.D. regulations, and called it "UGC (Minimum Standards and Procedure for Award of M.Phil./Ph.D. Degrees) Regulations 2016". PU has taken note of these regulations and taken up revision of its previous regulations introduced in 2009. The present regulations shall be called "Pondicherry University Ph.D. Regulations – 2018". All the activities of research scholars from admission to exit shall be handled by Pondicherry University Research Scholar Academic Management System (PURAMS). The Chairperson, IQAC will be the Nodal Officer for PURAMS. Controller of Examinations will keep all the data and records in secure manner.

1. *Eligibility for Admission*

1.1 .Educational Qualifications (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 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, having secured 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 / Faculties 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/Paramedicine of this University or any other University, through regular full time study, recognized by this University, having secured 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, having secured 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, having secured 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, may be allowed for those belonging to SC/ST/OBC (non-creamy layer)/differently-abled and other categories of candidates as per the decision of the Commission from time to time.

1.2. Requirement of Experience for 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 who have put in at least 5 years of continuous teaching experience in the subject concerned.

(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 the Master's Degree of which at least two years should be relevant to the field of research, proof of which to be evidenced through two research papers published in UGC approved journals (wherever applicable) or standard journals **OR** (ii) the candidate has at least 5 years of work experience with M.Phil. in the subject concerned and published two research papers in UGC approved journals (wherever applicable) or standard journals in the subject concerned.

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

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

1.3. Requirement of Experience for 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 the 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 published at least two Papers in UGC approved journals or standard journals, or reports / monologues / book of equivalent standard, or a patent registered, in the concerned subject / area of research.

(c) Technocrats, Scientists, Social Scientists & Scholars and Administrators with at least 10 years of experience in India or abroad after obtaining Master's degree and educational qualifications as in section 1.1, who have sufficient exposure in research & development, and have generated useful data/patent/knowledge as evidenced by at least two papers in UGC approved journals or standard journals, or reports / monologues / book of equivalent standard, or a patent registered, in the concerned subject / area of research.

2. *Admission*

2.1. Mode of Admission (Full-time and Part-time)

Admission for Ph. D. programmes shall be advertised in leading newspapers and also in the University's website once each year.

(a) The candidates seeking admission have to fill in the prescribed admission form and submit the same within the prescribed date specified in the admission notification. The admission shall be based on the criteria notified by the University and taking into account the reservation policy of the Central/State Government from time to time.

(b) There shall be an Entrance Test for all the candidates, Full-time, Part-time internal, Part-time external, except those mentioned in 2.2.The short-listed candidates have to appear for an interview / Viva-Voce where candidates are required to discuss their research interest/area through a presentation before a duly constituted Ph.D. Admission Committee.

(c) The Candidate would be required to give a seminar on the proposed topic of research in the concerned School/Department/Centre. Such a seminar may be fixed with the mutual convenience of the Candidate, the Supervisor and the Admission Committee, and held before the application along with the research proposal is sent to the University. The Admission Committee / University may also adapt any other method of evaluation of the Candidate which will also form the basis for considering the provisional admission to the candidate. The Admission Committee / University should be convinced of the potential of the Candidate to carry out research.

(d) In case of candidates working outside the University area, a Co-guide duly recognized by the University may be permitted, if necessary, in addition to the University Guide / Supervisor on the recommendation of Doctoral Committee.

Note: Mere possession of required educational and other qualifications and being called for interview alone cannot be claimed as a right for admission to the Ph.D. programme.

2.2. Entrance Exempted category

(i) Regular Teacher candidates awarded QIP/FIP by UGC/AICTE or such other organization of Government of India working in the 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.

(ii) 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.

(iii) Candidates admitted under MoU between Pondicherry University and a University / Institution in India or abroad where specific clause(s) exist for registration of candidate s to the Ph.D. 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 test.

(iv) Regular teachers of Pondicherry University and Regular Teachers from affiliated colleges who have cleared the NET Lecturership and who seek admission to the part-time Ph.D. are exempted from the Entrance Exam and are eligible to register immediately after completing their probation in the University/College.

(v) Non-resident Indians and foreigners residing/ working abroad and working in academics/research/ industry at least for ten years after acquiring the qualifying 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 experiences and having proven aptitude for the research exhibited through publications will only be considered by the admission committee under this clause. Their publications will be evaluated by the Department Committee before called for giving a seminar. The 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 entrance test, but they shall give a seminar before the Admission Committee.

2.3. Admission committee

(a) For the selection of the Ph.D. candidates, an Admission Committee for each Department shall be constituted consisting of all the faculty members eligible to guide in that Department and a VC's nominee. The Head of the Department will convene the meetings of the Admission Committee. One member of the Committee shall belong to the SC/ST category. If no SC/ST faculty is available in the Department concerned, a SC/ST member from other Departments may be co-opted as a Member.

(b) For affiliated colleges and institutions where the Ph.D. programme is offered, an Admission Committee will be constituted by the Principal / Head of the institution with a VC's nominee.

(c) The Committee shall scrutinize the academic, professional and research potential of the candidates. Based on the performance in the written examination (if required, see 2.1) and interview / seminar / Group Discussion, the Committee shall duly certify on the eligibility of the candidate for provisional registration in the Ph.D. programme.

(d) Each selected Candidate shall be issued with an admission letter by the appropriate authority.

3. *Duration of the Programme*

3.1. **Full time**

The duration of the Ph.D. Full-Time programme shall be a minimum period of three years from the date of registration, and two years for those with M. Phil. or equivalent degree.

3.2. **Part-time**

Part-Time candidates, both Internal and External, shall have to complete a minimum of three years from the date of registration.

3.3. All candidates shall publish minimum of one research paper in UGC approved journals or standard journal, and present Papers -- at least one in national / international level seminars / conferences / workshops before submitting the Synopsis.

3.4. **Maximum Time Limit**

The maximum time limit for submission of the Ph.D. Thesis from the date of provisional registration is five years in the case of full time and six years in the case of part-time (internal/external) candidates. However, a maximum of two extensions of six-months duration shall be given at the discretion of the Vice- Chancellor on the recommendation of the Supervisor, Doctoral Committee, HOD and Dean.

The women candidates and Persons with Disability (more than 40% disability) may be allowed a relaxation of two years in the maximum duration. In addition, the women candidates may be provided Maternity Leave/Child Care Leave once in the entire duration of the Ph.D. upto 240 days as per Government of India norms from time to time.

4. *Provisional Registration to the Ph.D. Programme (Full-time andPart-time)*

(a) A candidate, certified as eligible for the Ph.D. programme by the Admission Committee, shall be provisionally registered for the Ph.D. Degree with the approval of the University and on payment of prescribed fee.

The Department/Centre/College has to forward the application for provisional registration along with the required documents to the Dean /Controller of Examinations within six months from the date of admission.

(b) A candidate applying for provisional registration shall do so, specifying the broad-field or an interdisciplinary field in which he / she intends to pursue research, the subject of research being wholly or partly related to the main branch of knowledge chosen for the post-graduate degree in which the candidate has qualified and the name of the recognized guide under whom he / she proposed to do research. Copy of the Research proposal presented before the Admission Committee be enclosed along with the application for Provisional Registration.

(c)   Candidates who propose to carry out research work in an area involving more than one discipline will be permitted to have a Co-guide on the recommendations of the Supervisor / Doctoral Committee, if necessary. The Co-guide should be duly recognized as Research Supervisor by Pondicherry University, and could be chosen from a different Department / Centre of the Pondicherry University, or from any other University / Institution.

(d)   Candidates can also register under a Supervisor outside the country /an overseas Professor, with a co-guide in the University provided that the University has an MoU with such institutions, and the Supervisor is duly recognized by the University.

(e)   Provisional registration and all stages thereafter are to be taken care of by the Examination Section.

(f)   The following functions are to be carried out by the office of the respective Dean:

    I.   Issue of letter of provisional registration to Ph.D. programme
    II.   Monitor timely Constitution of the Doctoral Committee.
    III. Monitor that the meetings of Doctoral Committee are conducted at least,
          once in a year where the candidate's progress is assessed.
    IV.   Issue of letter of confirmation of registration to Ph.D. programme.
    V.   On submission of the Synopsis and list of Examiners, the relevant documents are to be
          verified, endorsed and forwarded to the Controller of Examinations for processing the
          appointment of examiners.

(g)   Candidates under Fulltime should do research work in the University/Departments/Affiliated Research Institute and shall be available during working hours for curricular/Co-curricular and related activities.

5.   *Doctoral Committee*

(a)   When the Candidate is accepted for provisional registration, a Doctoral Committee will be constituted in each case. The Doctoral Committee shall consist of the Guide / Supervisor (as Coordinator, he/she would initiate steps for the formation of the Committee), Co-Guide, if applicable, one or two faculty members from the Department, and one faculty member from outside the Department / School (within the University) specializing in a related field. However, the maximum number of members of the Committee shall be limited to four. All members of the Doctoral Committee must be recognized research guides. The Committee will be formed from the panel of names suggested by the Supervisor and nominated and approved by the Dean.

    In case of long absence or retirement of a Doctoral Committee Member, or for any other valid reason, the Supervisor can request the Head and Dean for a replacement of the Member.

(b)   This Committee shall have the following responsibilities:
    (i) To review the research proposal and finalize the topic of research.
    (ii) To guide the Research Scholar to develop the study design and methodology of
         research and identify the course(s) that he/she may have to do.
    (iii) To periodically review and assist in the progress of the research work of the Research
          Scholar.

(c)   A Research Scholar shall appear before the Doctoral Committee at least once in a year to make a presentation of the progress of his/her work for evaluation and further guidance.

(d)   The first meeting of the Committee shall be within six months after the provisional registration, and in this meeting, the Committee shall prescribe the courses that the candidate needs to take as requirement for the **Part-I** Examination (in case the Research Scholar does not have an M.Phil.).

(e) **The Part-I** examinations shall be conducted by the Supervisor/HOD/Principal withintwo years in consultation with the Doctoral Committee. The Doctoral Committee shall meet after the conduct of the examination to finalize the result. The Supervisor will communicate the result through HOD/Principal/Dean to the Controller of Examinations.

(f) The Committee shall conduct in the Department a seminar in which the candidate makes a public presentation of his/her Synopsis on a working day. The Thesis shall be submitted after one month, but before the completion of 6 months from the date of the Synopsis seminar.

(g) The Committee, after examining the progress made by the Candidate, shall recommend the submission of the Synopsis and the Thesis within the due date stipulated by the University. The Doctoral Committee shall endorse changes in the title of the Thesis, if any proposed by the Candidate and the Supervisor.

(h) The Committee shall approve the names of the Panel of Examiners, suggested by the Supervisor for the evaluation of the Thesis, and this Panel will be forwarded by the Dean of the School to the Controller of Examinations. The Committee shall ensure that all the Examiners are of high standing in the field of the research of the Candidate.

6. *Course of Study*

The course of study for the Ph.D. programme shall consist of two Papers under Part-I, and the Thesis and the public Viva-Voce under Part-II.

6.1 . Examination under the Part-I of the Ph.D. programme

(a) Unless otherwise indicated, in the light of the Candidate's attainment and with a view to fulfilling the requirements of research, each provisionally registered Candidate shall be required to work under a Supervisor and undergo such courses of instructions as may be prescribed by the Doctoral Committee during the first year of provisional registration.

(b) The Ph.D. candidate shall take the Part I examination consisting of, at least, two written Papers of 3 hours duration each and a maximum mark of 100 for each Paper, shall be conducted by the Supervisor/HOD/Principal within two years in consultation with the Doctoral Committee.

(c) Generally, the Paper-I shall be on Research Methodology, and the Paper-II shall be on the specific area of research and allied fields. However, considering the courses passed by the candidate and his/her experience, the titles of the above courses and syllabi shall be suitably defined by the Doctoral Committee. The Doctoral Committee can also suggest additional courses taking into account the candidate's proficiency in the topic of research.

(d) Syllabus for the Paper-I shall be prepared and published by the respective School Boards for the benefit of the Ph.D. scholars.

(e) Evaluation of Paper-I will be done by the teacher who offers the course and Paper-II will be evaluated by the Supervisor / teacher who offers the course. The passing minimum for each of the Papers shall be 55 % marks. Each Paper of the Ph.D. course work shall be with a minimum of 4 credits. The course work shall have a total minimum credits of 8 and maximum credits of 16.

(f) A candidate who fails in the written examination of one or more Papers may be permitted to reappear for the examination of those Papers only once. All the candidates shall have to clear the Part-I Examination within two years from the date of registration.

(g) A candidate who fails in any Paper in the second attempt shall not be permitted to continue and the provisional registration shall be cancelled.

(h) Apart from above, all Ph.D. Scholars are required to complete a course on **"Research and Publication Ethics (RPE)".**

(i) Ph.D. Scholars may choose **"Research and Publication Ethics (RPE)"** for following the one of the options for completing the course and evaluation process with award of grade:

1) The Ph.D. Scholars may complete this course offered by their respective School/Department/Centre or by other Schools/Departments/Centres of the University.

2) Ph.D. Scholars may complete this course online through UGC recognized platforms including SWAYAM.

3) Ph.D. Scholars may complete this course by participating in workshops on "Research and Publication Ethics (RPE)" for minimum of 5 days duration (30 hours) conducted by UGC recognized Institutions including Human Resource Development Centre (HRDC).

Exemption from Pre-Ph.D. - Part-I Exam

Candidates with M. Phil./M.Tech. qualification or Post-Graduate professional qualifications mentioned in clause 1.1 (b) and 1.1 (c) of the Ph.D. regulations or any other qualification as prescribed by the University from time to time are exempted from taking the pre-Ph.D. Part-I Examination, provided they are admitted to the research programme in their own Faculty / Discipline and based on the recommendation of Doctoral Committee.

However, these candidates, if they have not completed courses on (1) Research Methodology and (2) Research and Publication Ethics (RPE) at M.Phil / M.Tech., they will be required to complete these two courses under Part-I of Ph.D. Programme.

6.2.   Confirmation of Provisional Registration and submission of Thesis under Part –II

(a) The Provisional Registration of a candidate for the Ph.D. Degree shall be confirmed on receipt of the report of the result for the Ph.D. Part-I Examinations conducted under the supervision of the Supervisor/HOD and the Candidate will be registered under Part-II of the Ph.D. programme, namely, the Thesis and the Viva-Voce. Such candidates shall be required to choose a research topic programme and submit a Thesis incorporating the results of his / her investigations carried out under the guidance of the Supervisor.

(b) Candidates admitted to the Ph.D. programme under Part-time (External) are required to be present in the concerned Department for at least 90 days continuously or on maximum of 3 spells before submitting the Ph.D. Thesis. The time spent by the Candidate in field studies/ visits to laboratories for research work/ interactions with the co-Supervisor could be also included in the above minimum residence requirement of the programme, subject to the approval of the Doctoral Committee, HOD and the Dean.

6.3.   Conversion from Full-time to Part-time and Vice-versa

(a) Conversion of the Ph.D. research from full-time to part-time and vice-versa will be allowed only in special circumstances on the recommendation of Doctoral Committee after completion of two years from the date of registration and on payment of the prescribed status change fee of Rs.5000/-.

(b) The following formula will be adopted for the conversion of the Ph.D. programme from full-time to part-time and vice-versa: the residual period that the candidate has to complete at the time of his / her request for conversion (from full-time to part-time or part- time to full time, as the case may be), for fulfilling the requirement of the minimum duration of submitting the Thesis under the existing category, will be taken note of, and the equivalent period of the correspondingnumber of days shall be determined and intimated to the Candidate, without exceeding the maximum duration.

7. *Cancellation of Registration*

(a) Registration may be cancelled on the recommendations of the Doctoral Committee, based on the lack of progress as reported by the Guide, and also after giving due opportunity to the Candidate for defending his/her case.

(b)   In case the progress of the Research Scholar is unsatisfactory, the Doctoral Committee shall record the reasons for the same and suggest corrective measures. If the Research Scholar fails to implement these corrective measures, the Doctoral Committee may recommend with specific reasons the cancellation of the registration of the Research Scholar.

(c) Registration of the Candidate will be automatically cancelled if he / she fails to submit the Ph.D. Thesis within the maximum time limit prescribed in clause 3.4.

8. *Supervisors*

8.1. Assignment of Supervisor/s

(a)   Assignment of supervisor will be mainly according to the Candidate's preference. The Candidate will select the Supervisor according to his / her area/s of interest commensurate with the Supervisor's area of specialization. The Candidate will be required to select 2 Guides, out of which one will be allotted by the Admission Committee in accordance with his/her availability. In the event of non-availability of the Supervisor(s) chosen by the Candidate, the Admission Committee may recommend any other Supervisor in the field.

(b)   The Pondicherry University shall prepare a Panel of Research Supervisors in each discipline from both within the University and from leading research centers/institutions in India and abroad. The selection of the Supervisors for empanelment shall be made both with the consent of the person and after due deliberations of his academic standing by the concerned School Board and approval of the Academic Council. The Panel of Supervisors shall be put on the website of the University and the prospective candidates can enter into advance correspondence with the Supervisor and obtain his / her consent letter.

(c)   In order to promote interdisciplinary Research, the Supervisor and co- Supervisor can be chosen from allied subjects from the same School or other Schools.

(d)   A Supervisor may be chosen by the Candidate from any Institution in India and abroad, provided that he/she has been recognized by the Pondicherry University as Research Supervisor of the Ph.D. program.

(e)   In the event of an external Supervisor, there shall be a co-supervisor from the Pondicherry University.

(f)   Internal and external part-time and full time Ph.D. students with the approval of the Admission Committee / Doctoral Committee can have co- Supervisors from other Departments of the University or from any Institution in India, duly recognized by the University of the Research Supervisor.

(g)   A Research Supervisor/co-Supervisor who is a Professor, at any given point of time, cannot guide more than eight Ph.D. Scholars. An Associate Professor as Research Supervisor can guide up to a maximum of six Ph.D. Scholars, and an Assistant Professor as Research Supervisor can guide up to a maximum of four Ph.D. scholars. Vacancy shall be reckoned on the submission of the Thesis.

(h)   A Candidate's close relatives/blood relations/spouse cannot be assigned as his/her Supervisor.

(i)   Faculty shall obtain prior permission to act as a Supervisor/co-Guide for another University.

(j) In case of the relocation of a Ph.D. Scholar due to marriage or otherwise, the research data shall be allowed to be transferred to the University to which the Scholar intends to relocate, provided all the other conditions in these regulations are followed in letter and spirit and the research work does not pertain to the project secured by the parent institution/ Supervisor from any funding agency. The Scholar will, however, give due credit to the parent Institution and the guide for the part of research already done there.

8.2. Recognition of Supervisors

(a)   Professors / Associate Professors of Pondicherry University holding a Ph.D. degree are eligible to guide from the date of their joining the University.

(b)   Assistant Professors of Pondicherry University, appointed as regular Faculty, holding a Ph.D. degree with at least one year of teaching / post-doctoral research experience and three publications in UGC approved journals or standard journals after the award of their Ph.D. can apply for recognition. On the recommendations of the HOD and the Dean, recognition of the Assistant Professor may be approved by the Vice-Chancellor.

(c)   Teaching faculty working in affiliated colleges / institutions which are recognized for conducting the Ph.D. programme, appointed as regular faculty, holding a Ph.D. degree with at least two years of teaching experience and three publications in UGC approved journals or standard journals published after the award of their Ph.D., can apply for recognition. On the recommendation of the concerned Dean and / or a panel of subject experts, recognition may be approved by the Vice-Chancellor.

(d)   Scientists / Faculty of a rank at least equivalent to that of Assistant Professor and having the prescribed qualification mentioned for teaching faculty (8.2 (b) & (c)) employed in approved research centres / institutions, in India or abroad, can also be recognized by this University as Supervisors for Ph.D.

(e)   Provided further that in the Faculty of Medicine, a person holding Post-Graduate qualifications with five years of teaching and research experience after acquiring the Post- Graduate qualification, and with not less than five years of teaching experience at the Post-Graduate level and at least three MCI approved publications (one should be PubMed – indexed as first author or corresponding author), shall be eligible for recognition as a Supervisor for the Ph.D. programme.

(f)   Provided further that in the Faculty of Law, a person holding a Ph. D. degree with five years of teaching and research experience after acquiring the Post- Graduate qualification in Law and with not less than one year of teaching and research experience at the Post-Graduate level after obtaining the Ph.D. degree, and at least two publications in reputed UGC approved journals or standard journals shall be eligible for recognition as a Supervisor for Ph.D. research work.

8.3 . Responsibilities of Supervisors

(a)   The Supervisor carries the major responsibility of guiding the academic progress of the Candidate throughout the period of study. He / she counsels the Scholar in academic matters, and provides guidance on the nature of course work and research, the standards expected, the adequacy of progress, and the quality of work.

(b)   Maintaining the copies of records of the reports/minutes of the Doctoral Committee.

(c)   A Supervisor, who will be superannuating in less than **three** years period, cannot take a new Ph.D. student. However, he/she can co-supervise new students.

(d)   To ensure the successful and timely completion of the programme, it is essential that Supervisors and their Scholars maintain regular contact. Supervisors must give their Scholars advance notice if they plan to be absent from the University for an extended period of time, of at least six months, and make suitable arrangements for the continued supervision of the Scholar.

8.4. Change of Supervisor

(a)   In case of the absence of the allotted supervisor for more than 6 months and up to 1 year, a Supervisor in-charge may be allotted from the same Department or related Department with the approval of the Doctoral Committee.

(b)   In case of the Supervisor leaving the University permanently or on deputation elsewhere or otherwise for a period of more than one year, the Candidate may be permitted to change the topic of research, if necessary, with a change of the guide. The duration of research will be the same if the topic of research remains the same. If there is a change in the topic, the minimum duration of research will be decided by the Doctoral Committee.

(c)   Based on the recommendation of the Doctoral Committee, HOD and Dean, the Vice-Chancellor may approve a change of Supervisor under conditions such as non-availability of the Guide for more than one year or any other extraordinary condition.

8.5. Co-Supervisor/Co-Guide

a) To accommodate interdisciplinary aspects of research, a Supervisor can act as a co-Guide on the basis of recommendation of the Doctoral Committee with the approval of the Director/ Vice-Chancellor. The number of candidates registered under a co-Guide shall not be taken into consideration while counting the permissible number of candidates registered under a particular Guide/Supervisor. The main Supervisor / Guide shall be responsible for the successful completion of the Ph.D. programme of a Candidate.

(b) The University shall prepare a Panel of External Supervisors chosen from amongst the leading and well known researchers in various fields. This Panel shall be prepared by invitations of expression of interest from National Laboratories, National Research institutions and overseas Universities.

9.   *Institutions where Research can be done*

(a)   All the Schools / Departments / Centres of the Pondicherry University.

(b)   Post Graduate Departments of Colleges/Institutions affiliated to the University with at least two Ph.D. qualified teachers and having necessary facilities to carry out Ph.D. research and duly recognized for Doctoral Research, based on the recommendation of an Expert Committee in the branch of study concerned. The recognition for conducting research is valid for ten years, and the Expert Committee shall renew it after due inspection.

(c)   Regional Research Institutes located in the territorial jurisdiction of the University.

(d)   National Research Institutes under ICMR, CSIR, ICSSR, IIA, NGRI, DRDO, DAE, etc, and all Government of India Research Institutes of national importance deemed to have been recognized as Research Centres.

(e)   Colleges with adequate facilities for research as mentioned below alone shall offer Ph. D. programmes:

   (i)   In case of science and technology disciplines, exclusive research laboratories with sophisticated equipment as specified by the Institution concerned with provision for adequate space per research scholar along with computer facilities and essential software, and uninterrupted power and water supply;

(ii)   Colleges may also access the required facilities of the neighbouring Institutions/Colleges, or of those Institutions/ Colleges /R&D laboratories /Organizations which have the required facilities.

(iii)   Earmarked library resources including latest books, Indian and International journals, e-journals, extended working hours for all disciplines, adequate space for research scholars in the Department/ library for reading, writing and storing study and research materials;

10.   *Twinning Programme/Joint Degrees*

Where the research work has been carried out at Pondicherry University and another University / Institution in India or abroad under an MOU, where a provision for joint degree exists, the Ph.D. degree will be jointly awarded by both the Universities.

11.   *Synopsis*

(a)   Not less than one month before the submission of the Thesis, every Candidate shall submit to the University, through the Supervisor, HOD and Dean, **three** copies of the Synopsis of the Thesis along with the electronic version, together with the Title of the Thesis and prescribed examination fee. The Candidate shall prepare the Synopsis carefully in consultation with the Supervisor. The Synopsis should bring out in an abridged form, the aims for conducting research, work done, results and findings. The Candidate shall make a presentation of the Synopsis at a seminar in the Department before the submission of the Synopsis (see Clause 5 (f) & (g).

(b)   The Synopsis of the Thesis shall not be less than four pages or exceed ten pages, typed on A4 size paper with one and half space. The University shall prescribe a format for the Synopsis from time to time. The Candidate shall also submit the electronic version (read only format) of the Synopsis.

(c)   A Panel of not less than ten examiners, at least six from India (outside the University area) and at least four Foreign Examiners from Developed Countries along with a resume, shall be recommended by the Doctoral Committee for evaluating the Thesis. Any person related to the candidate or Supervisor(s) should not appear in the panel of examiner. The Panel of Examiners shall be duly endorsed by the Head of Department and Dean of the concerned School and sent to the Controller of Examinations. The Supervisor may contact each member in the Panel of Examiners to seek their consent to be placed in the Panel.

(d)   After the submission of the Synopsis and on the nomination of the Examiners by the Vice-Chancellor, the Controller of Examinations shall send the Synopsis and obtain the consent of the Examiners.

(e)   Ph.D. scholars must publish at least one research paper in refereed journal (Two PubMed – Indexed Publication in case of Medical/ Para-medical stream) and make two Paper presentations in conferences/seminars before the submission of the Dissertation/Thesis for adjudication, and produce evidence of the same in the form of presentation certificates and/or reprints.

12.   *Submission of Thesis*

(a)   The Ph.D. programme culminates with the submission of a Thesis of a substantial work of original research carried out by the Candidate under the guidance of the Supervisor. It is expected to be potentially publishable and stand peer review.

(b)   The Candidate shall submit **four** copies of the Thesis in a soft bound form to the Controller of Examinations for evaluation by the Experts. Once the Thesis gets approved, the Candidate shall incorporate all the corrections / suggestions, if any, and resubmit **two** final version of the Thesis in hard bound form to the Supervisor and **two** copies in the electronic form (read- only format) through the Supervisor and Head of the University Department / Head of the Institution, and the Dean. The Supervisor shall certify that the corrections / suggestions (if any) were incorporated.

(c)   The Thesis should be submitted to the University for evaluation not later than **six** months after the submission of the Synopsis, through the Supervisor, and through the Head of the University Department /Head of the Institution, and the Dean, along with his / her application for the Ph.D. Degree.

(d)   The Thesis should be scrutinized by a software / gadget approved by the University to detect plagiarism and other forms of academic dishonesty. While submitting for evaluation, the Thesis shall have an undertaking from the Research Scholar and a certificate from the Research Supervisor attesting to the originality of the work, vouching that there is no plagiarism and that the work has not been submitted for the award of any other degree/diploma of the same Institution where the work was carried out, or to any other Institution.

(e)   If a Candidate is unable to submit the Thesis within six months from the date of the submission of the Synopsis, on the recommendation of the Doctoral Committee, HOD and Dean, he/she may be given a maximum of two extensions of three months with the approval of the Vice-Chancellor. If a Candidate fails to submit the Thesis within one year from the date of the submission of the Synopsis, he/she has to submit the Synopsis again based on the recommendations of the Doctoral Committee. The Supervisor shall then submit a fresh Panel of Examiners with the approval of the Doctoral Committee. In all the cases, the maximum time limit for the submission of the Thesis prescribed in clause 3.4 is applicable.

(f)   One copy of the Thesis will be placed in the internet server after the award of the Ph.D. Degree for the period specified in the ETD Form.

(g) Supplementary Papers to the Thesis, printed copies of any contributions to the knowledge of the subject or of any cognate branch of science that may have been published in journals or periodicals may also be included along with the Thesis or given as Bibliography.

(h)   The Thesis shall ordinarily be submitted not later than five years from the date of registration in the case of full-time candidates and six years in the case of part-time candidates. The women candidates and Persons with Disability (more than 40% disability) may be allowed a relaxation of two years in the maximum duration. In addition, the women candidates may be provided Maternity Leave/Child Care Leave once in the entire duration of Ph.D. upto 240 days as per Government of India norms from time to time. A maximum of two extensions of six months each shall be given at the discretion of the Vice-Chancellor / Academic Council on the recommendations of the Guide / Doctoral Committee after the expiry of which the registration will stand automatically cancelled.

(i) Every Candidate shall submit with his/her Thesis a Certificate from the Supervisor under whom he / she worked, that the Thesis submitted is a record of original research work done by the Candidate during the period of study under his
/ her supervision and that the Thesis has not previously formed the basis for the award to the Candidate of any Degree, Diploma, Associateship, Fellowship or other similar titles, and that the Thesis represents independent work on the part of the Candidate.

13. *Valuation of Thesis*

(a) A board of three Examiners of high eminence shall carry out the evaluation of the Thesis. One of the three Examiners will be from outside India except in certain subjects like Indian Languages.

(b) The Thesis shall be referred to a Board of Examiners as per the Statues and Ordinances of the University. Once all the reports reach the Controller of Examinations, he/she shall forward them in a sealed cover to the Supervisor. The Supervisor shall send through the HoD and the Dean specific recommendations along with a Consolidated Report and copies of the Examiners' reports, and request for the Viva-Voce to be conducted. After the Viva-Voce, the recommendations shall be sent to the Controller of Examinations for the declaration of the result with the approval of the Vice-Chancellor.

(c) The Examiners who value the Thesis shall report on the merit of the candidate for the Ph.D. Degree as follows:

   i.   **The Thesis be accepted for the award of the Ph.D. degree in the present form.**
   ii. **The Thesis be accepted for the award of the Ph.D. degree after minor corrections / revisions.**
   iii. **The Thesis can be passed after obtaining clarifications at the time of Viva-Voce.**
   iv. **The Thesis be revised and resubmitted for evaluation.**
   v.   **The Thesis be rejected.**

(d) If the Thesis is approved, each Examiner may ask clarifying questions, if any, to be answered at the time of Viva-Voce.

(e) When Examiners differ in their opinion while evaluating the Thesis: In case, all the three examiners or two out of three examiners have not commended, the Thesis shall be rejected and the registration cancelled. In case, one of the three Examiners has not commended, then, the Thesis shall again be referred to a fourth Examiner either Indian or Foreign as the case may be. If the fourth Examiner commends the Thesis, the Candidate shall be allowed to appear for the Viva-Voce examination. If the fourth Examiner does not commend the Thesis, it shall be rejected and registration cancelled.

(f) If the Examiner / Examiners insist on any correction / revision to be made in the Thesis, the same shall be made by the Candidate before the public Viva-Voce Examination and certified by the Supervisor and the Doctoral Committee.

(g) If the Examiner / Examiners explicitly suggest(s) requirement of the revision and re-submission for further examination, then the revised Thesis duly certified by the Guide, Doctoral Committee, HOD and the Dean shall be sent to the same Examiner for further evaluation. In the absence of such a statement or if the Examiner concerned specifically instructs that the revised Thesis need not be sent back to him / her, the revised Thesis duly certified by the Guide, Doctoral Committee, HOD and the Dean shall be accepted and the Candidate shall be allowed to appear for the Viva-Voce.

(h) The Candidate should revise and re-submit the thesis within the shortest possible period -- in any case not later than one year from the date of the communication of the notice from the University.

(i) In case the Candidate fails to submit the revised form of the Thesis within one year, the process of thesis evaluation gets cancelled. Then, the Candidate shall submit again the Synopsis to start the process of thesis evaluation. The maximum time limit for the submission of the Thesis prescribed in clause 3.4 is applicable.

14. *Public Viva-Voce (Oral Examination)*

(a) In cases where the Thesis has been approved, and on receipt of communication from the University, the Guide / Supervisor shall coordinate the conduct of the public Viva-Voce for the Candidate.

(b) One external Indian Examiner of the Thesis, and the Doctoral Committee shall conduct the public Viva-Voce Examination in the presence of interested members of the public. In case where the Indian examiner who evaluated the Thesis is not available, the University may appoint an alternative eminent person, preferably from the Panel previously submitted, for conducting the Viva.

(c) The Supervisor shall fix the date and time of the Viva-Voce in consultation with the External Examiner appointed by the University for conducting the Viva- Voce Examination. The Guide / Supervisor shall give wide publicity and at least
10 working days' (excluding Saturday, Sunday and Public Holidays) notice for scheduling this Examination. The maximum time limit for conducting the Viva- Voce shall be three months from the date of consolidation of reports. If the Candidate fails to take the Viva-Voce within three months on valid grounds, the Vice-chancellor can permit two three-month extensions on specific request from the Supervisor though the Doctoral Committee, HOD and the Dean. If the Candidate fails to take the Viva-Voce even after the extension, the Ph.D. registration gets cancelled.

(d) The Viva-Voce can be held on any working day of the University. However, no Viva-voce shall be held until one week after the final version of the Thesis is made available to the Controller of Examinations and the University Library.

(e) In case the Viva Examiner is not in a position to travel to the University, the Guide / Supervisor can arrange the Viva-Voce with the participation of the External Examiner through video-conferencing.

(f) In case the Supervisor has retired or is abroad for a long period and is unable to consolidate the reports or convene the Viva-Voce, the HOD can do these work in place of the Supervisor.

(g) In the Viva-Voce, the Supervisor will introduce the External Examiner who will then conduct the Examination. The Candidate shall make a 30-minute presentation of the Thesis. After the presentation, the External Examiner shall begin the questioning, followed by the faculty present and the public.

(h) After conducting the Viva-Voce Examination, the Guide / Convener shall convey to the Controller of Examinations of the University, through the HOD/Dean, the result of this Examination, endorsed by the External Examiner. A Candidate who is successful in the public Viva-Voce Examination shall be declared to have qualified for the Ph.D. Degree.

(i) A Candidate, who is not successful in the public Viva-Voce Examination, may be permitted to undergo the Viva-Voce Examination a second time, within a period of four months. In the event of he / she is failing again, his / her candidature for the Degree will be rejected.

(j) If the Candidate passes the Viva-Voce Examination, the Viva-Voce Examiner and the Guide /Supervisor shall consolidate the recommendation and submit through the HOD and Dean to the Controller of Examinations for the award of the Degree based on:

1) The reports of the Examiners who adjudicated the Thesis and
2) The evaluation of the Candidate's performance in the Viva-Voce Examination.

15. *Award of Degree*

(a)   The University shall consider the reports and decide whether the Candidate is worthy of the Degree of Doctor of Philosophy and may take action in accordance with such a decision.

(b)   For candidates who register for Ph.D. program in same/related discipline as that of his/her Master's degree:

Candidates, who qualify for the Ph. D. Degree of a Department/Centre which has prescribed their own domain and related discipline as eligibility for admission shall be awarded the Ph.D. Degree in the name of the programme for which the candidate had registered for Ph.D.

For Example:

   (i)   If a Candidate with Master's degree in Physics registers for Ph.D. in Physics, he would be awarded Ph. D in Physics.

   (ii)   If a Candidate with Master's degree in Sociology registers for Ph.D. in Social Work, he/she would be awarded Ph.D. in Social Work.

(c)   For the candidates who registers for Ph.D. in the discipline other than his/her Master's degree:

A candidate, who registers for the Ph.D. programme in this University of a Department/Centre other than his/her Master's degree will be awarded Ph.D. degree in the programme for which he/she has registered for Ph.D. However, his/her Master's degree will be mentioned within paranthesis.

For Example:

   (i)   If a Candidate with Master's degree in Physics registers for Ph.D. in Green Energy Technology, he would be awarded Ph.D. in Green Energy Technology (Physics).

   (ii)   If a Candidate with Master's degree in Commerce registers for Ph.D. in Banking Technology, he/she would be awarded Ph.D. in Banking Technology (Commerce).

16. *Publication of Thesis*

The Thesis is a public domain document and the research embodied in the Thesis may be published in part in reputed journals or in the form of book.

17. *Power to Remove any Difficulty*

(a)   Any disputes/difficulties in the conduct of the Ph.D. programme may be resolved by the concerned Dean in consultation with the Scholar, Guide, HOD and Doctoral Committee Members.

(b)   If necessary, the Dean may constitute a Committee to resolve the disputes/difficulties and the recommendations may be forwarded to the Vice- Chancellor for the final decision.

(c)   The Vice-Chancellor / Academic Council has powers to remove any difficulty while implementing this programme, notwithstanding whatever said above.

Abbreviations Used

PU: Pondicherry University; VC: Vice Chancellor; HoD: Head of the Department or Centre Head of University Departments / Head of institution of affiliated institutions / Head of institutions having MoU with PU; CoE: Controller of Examinations; DC: Doctoral Committee; AC: Academic Council; SB: School Board; UGC: University Grants Commission; CSIR: Council for Scientific and Industrial Research; NET: National Eligibility Test; JRF: Junior Research Fellowship; PG: Post graduate (as defined by UGC); M.Phil. Master of Philosophy; M.Tech.: Master of Technology; GoI: Government of India; PC: Program Committee.

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PONDICHERRY UNIVERSITY

R. Venkataraman Nagar Kalapet, Puducherry – 14

Ref No: PU/AS/Aca-2/Ph.D.-Regulations/2020-21/36   Date: 27.08.2020

CIRCULAR

Sub: Changes/Additions made in the existing Ph.D. Regulations under clause 2.2. (ii) with regard to Entrance Exempted category – Reg.

Ref: Minutes of meeting of the Committee dated 19.08.2020

Based on the recommendations of the committee cited under reference, the existing clause 2.2. (ii) with regard to admission to Ph.D. programme under entrance exempted category stands modified as under, subject to ratification by Academic Council:

Existing Ph.D. Regulations	Proposed changes/additions
2.2. Entrance Exempted category:	
(ii) 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) to carry out Ph.D. Programme. 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.	(ii) 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.

Jojacharan

ASSISTANT REGISTRAR (ACAD-AD)

To

1) All the Deans/HODs/Centre Heads/Faculty Members, Pondicherry University, Puducherry
2) The Controller of Examinations, Pondicherry University, Puducherry
3) The Dean, College Development Council, Pondicherry University, Puducherry
4) The Principal, Pondicherry Engineering College, Pillaichavady, Puducherry 605 014

पांडिच्चेरी विश्वविद्यालय
PONDICHERRY **UNIVERSITY**
(केंद्रीय विश्वविद्यालय) (A Central University)

पी. अजय बाबू / **P. AJAY BABU**
उप कुलसचिव / Deputy Registrar
(शैक्षणिक)/ (Academic)
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Phone: 0413-2654 538

Ref No: PU/AS/Aca-2/Ph.D./RPE/2022-23/262   Date: 20.03.2023

CIRCULAR

Sub: Modalities for offering the mandatary course on "Research Publication Ethics (RPE) to be completed by all Ph.D. Scholars towards fulfilment of Part – I Ph.D. Programme – Recommendations of the Committee – Reg.

With reference to the subject cited above, I am directed to inform that the Committee has scrutinized the proposal and submitted the report to offer compulsory paper titled "Research and Publication Ethics (RPE)" to all Ph.D. students by the Department of Library & Information Science in its meeting held on 05.01.2023 and has made the following recommendations that the Ph.D. Scholars may choose one of the following options for completing the course and evaluation process with award of grade:

1) The Ph.D. Scholars may complete this course offered by their respective School/Department/Centre or by other Schools/Departments/Centres of the University.

2) Ph.D. Scholars may complete this course online through UGC recognized platforms including SWAYAM.

3) Ph.D. Scholars may complete this course by participating in workshops on "Research and Publication Ethics (RPE)" for minimum of 5 days duration (30 hours) conducted by UGC recognized Institutions including Human Resource Development Centre (HRDC).

This is for your kind information and further necessary action in this regard.

This may be treated as **Most Urgent.**

20/3/2023

DEPUTY REGISTRAR (ACADEMIC)

To

All the Deans/HODs/Centre Heads
Pondicherry University
Puducherry

Copy to:
1) The Controller of Examinations, Pondicherry University, Puducherry
2) The Officer on Special Duty, Vice-Chancellor's Secretariat, Pondicherry University
3) The Assistant Registrar, Registrar's Secretariat, Pondicherry University
4) The Assistant Registrar, O/o. Director, SEI & RR, Pondicherry University
5) The Systems Manager, Computer Centre   to host the Circular in the University website
   Pondicherry University

Doctor of Philosophy (Ph.D.) Regulations

PONDICHERRY UNIVERSITY

Doctor of
Philosophy (Ph.D.)
Regulations

2018- 19
(Modified upto May - 2020)

PONDICHERRY UNIVERSITY

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Ph.D. Regulations– 2018

Preamble:

Pondicherry University, a Central University, has from time to time, revised Ph.D. Regulations to take into account the developments in higher education and guidelines given by University Grants Commission. Recently UGC has introduced new Ph.D. regulations, and called it "UGC (Minimum Standards and Procedure for Award of M.Phil./Ph.D. Degrees) Regulations 2016". PU has taken note of these regulations and taken up revision of its previous regulations introduced in 2009. The present regulations shall be called "Pondicherry University Ph.D. Regulations – 2018". All the activities of research scholars from admission to exit shall be handled by Pondicherry University Research Scholar Academic Management System (PURAMS). The Chairperson, IQAC will be the Nodal Officer for PURAMS. Controller of Examinations will keep all the data and records in secure manner.

1. *Eligibility for Admission*

1.1 .Educational Qualifications (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 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, having secured 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 / Faculties 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/Paramedicine of this University or any other University, through regular full time study, recognized by this University, having secured 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, having secured 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, having secured 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, may be allowed for those belonging to SC/ST/OBC (non-creamy layer)/differently-abled and other categories of candidates as per the decision of the Commission from time to time.

1.2. Requirement of Experience for 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 who have put in at least 5 years of continuous teaching experience in the subject concerned.

(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 the Master's Degree of which at least two years should be relevant to the field of research, proof of which to be evidenced through two research papers published in UGC approved journals (wherever applicable) or standard journals **OR** (ii) the candidate has at least 5 years of work experience with M.Phil. in the subject concerned and published two research papers in UGC approved journals (wherever applicable) or standard journals in the subject concerned.

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

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

1.3. Requirement of Experience for 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 the 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 published at least two Papers in UGC approved journals or standard journals, or reports / monologues / book of equivalent standard, or a patent registered, in the concerned subject / area of research.

(c) Technocrats, Scientists, Social Scientists & Scholars and Administrators with at least 10 years of experience in India or abroad after obtaining Master's degree and educational qualifications as in section 1.1, who have sufficient exposure in research & development, and have generated useful data/patent/knowledge as evidenced by at least two papers in UGC approved journals or standard journals, or reports / monologues / book of equivalent standard, or a patent registered, in the concerned subject / area of research.

2. *Admission*

2.1. Mode of Admission (Full-time and Part-time)

Admission for Ph. D. programmes shall be advertised in leading newspapers and also in the University's website once each year.

(a) The candidates seeking admission have to fill in the prescribed admission form and submit the same within the prescribed date specified in the admission notification. The admission shall be based on the criteria notified by the University and taking into account the reservation policy of the Central/State Government from time to time.

(b) There shall be an Entrance Test for all the candidates, Full-time, Part-time internal, Part-time external, except those mentioned in 2.2.The short-listed candidates have to appear for an interview / Viva-Voce where candidates are required to discuss their research interest/area through a presentation before a duly constituted Ph.D. Admission Committee.

(c) The Candidate would be required to give a seminar on the proposed topic of research in the concerned School/Department/Centre. Such a seminar may be fixed with the mutual convenience of the Candidate, the Supervisor and the Admission Committee, and held before the application along with the research proposal is sent to the University. The Admission Committee / University may also adapt any other method of evaluation of the Candidate which will also form the basis for considering the provisional admission to the candidate. The Admission Committee / University should be convinced of the potential of the Candidate to carry out research.

(d) In case of candidates working outside the University area, a Co-guide duly recognized by the University may be permitted, if necessary, in addition to the University Guide / Supervisor on the recommendation of Doctoral Committee.

Note: Mere possession of required educational and other qualifications and being called for interview alone cannot be claimed as a right for admission to the Ph.D. programme.

2.2. Entrance Exempted category

(i) Regular Teacher candidates awarded QIP/FIP by UGC/AICTE or such other organization of Government of India working in the 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.

(ii) 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) to carry out Ph.D. Programme. 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.

(iii) 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 the Ph.D. 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 test.

(iv) Regular teachers of Pondicherry University and Regular Teachers from affiliated colleges who have cleared the NET Lecturership and who seek admission to the part-time Ph.D. are exempted from the Entrance Exam and are eligible to register immediately after completing their probation in the University/College.

(v) Non-resident Indians and foreigners residing/ working abroad and working in academics/research/ industry at least for ten years after acquiring the qualifying 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 experiences and having proven aptitude for the research exhibited through publications will only be considered by the admission committee under this clause. Their publications will be evaluated by the Department Committee before called for giving a seminar. The 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 entrance test, but they shall give a seminar before the Admission Committee.

2.3. Admission committee

(a) For the selection of the Ph.D. candidates, an Admission Committee for each Department shall be constituted consisting of all the faculty members eligible to guide in that Department and a VC's nominee. The Head of the Department will convene the meetings of the Admission Committee. One member of the Committee shall belong to the SC/ST category. If no SC/ST faculty is available in the Department concerned, a SC/ST member from other Departments may be co-opted as a Member.

(b) For affiliated colleges and institutions where the Ph.D. programme is offered, an Admission Committee will be constituted by the Principal / Head of the institution with a VC's nominee.

(c) The Committee shall scrutinize the academic, professional and research potential of the candidates. Based on the performance in the written examination (if required, see 2.1) and interview / seminar / Group Discussion, the Committee shall duly certify on the eligibility of the candidate for provisional registration in the Ph.D. programme.

(d) Each selected Candidate shall be issued with an admission letter by the appropriate authority.

3. *Duration of the Programme*

3.1. Full time

The duration of the Ph.D. Full-Time programme shall be a minimum period of three years from the date of registration, and two years for those with M. Phil. or equivalent degree.

3.2. Part-time

Part-Time candidates, both Internal and External, shall have to complete a minimum of three years from the date of registration.

3.3. All candidates shall publish minimum of one research paper in UGC approved journals or standard journal, and present Papers -- at least one in national / international level seminars / conferences / workshops before submitting the Synopsis.

3.4. Maximum Time Limit

The maximum time limit for submission of the Ph.D. Thesis from the date of provisional registration is five years in the case of full time and six years in the case of part-time (internal/external) candidates. However, a maximum of two extensions of six-months duration shall be given at the discretion of the Vice-Chancellor on the recommendation of the Supervisor, Doctoral Committee, HOD and Dean.

The women candidates and Persons with Disability (more than 40% disability) may be allowed a relaxation of two years in the maximum duration. In addition, the women candidates may be provided Maternity Leave/Child Care Leave once in the entire duration of the Ph.D. upto 240 days as per Government of India norms from time to time.

4. *Provisional Registration to the Ph.D. Programme (Full-time and Part-time)*

(a) A candidate, certified as eligible for the Ph.D. programme by the Admission Committee, shall be provisionally registered for the Ph.D. Degree with the approval of the University and on payment of prescribed fee.

The Department/Centre/College has to forward the application for provisional registration along with the required documents to the Dean /Controller of Examinations within six months from the date of admission.

(b) A candidate applying for provisional registration shall do so, specifying the broad-field or an interdisciplinary field in which he / she intends to pursue research, the subject of research being wholly or partly related to the main branch of knowledge chosen for the post-graduate degree in which the candidate has qualified and the name of the recognized guide under whom he / she proposed to do research. Copy of the Research proposal presented before the Admission Committee be enclosed along with the application for Provisional Registration.

(c) Candidates who propose to carry out research work in an area involving more than one discipline will be permitted to have a Co-guide on the recommendations of the Supervisor / Doctoral Committee, if necessary. The Co-guide should be duly recognized as Research Supervisor by Pondicherry University, and could be chosen from a different Department / Centre of the Pondicherry University, or from any other University / Institution.

(d) Candidates can also register under a Supervisor outside the country /an overseas Professor, with a co-guide in the University provided that the University has an MoU with such institutions, and the Supervisor is duly recognized by the University.

(e) Provisional registration and all stages thereafter are to be taken care of by the Examination Section.

(f) The following functions are to be carried out by the office of the respective Dean:

    I. Issue of letter of provisional registration to Ph.D. programme
    II. Monitor timely Constitution of the Doctoral Committee.
    III. Monitor that the meetings of Doctoral Committee are conducted at least, once in a year where the candidate's progress is assessed.
    IV. Issue of letter of confirmation of registration to Ph.D. programme.
    V. On submission of the Synopsis and list of Examiners, the relevant documents are to be verified, endorsed and forwarded to the Controller of Examinations for processing the appointment of examiners.

(g) Candidates under Fulltime should do research work in the University/Departments/Affiliated Research Institute and shall be available during working hours for curricular/Co-curricular and related activities.

5. *Doctoral Committee*

(a) When the Candidate is accepted for provisional registration, a Doctoral Committee will be constituted in each case. The Doctoral Committee shall consist of the Guide / Supervisor (as Coordinator, he/she would initiate steps for the formation of the Committee), Co-Guide, if applicable, one or two faculty members from the Department, and one faculty member from outside the Department / School (within the University) specializing in a related field. However, the maximum number of members of the Committee shall be limited to four. All members of the Doctoral Committee must be recognized research guides. The Committee will be formed from the panel of names suggested by the Supervisor and nominated and approved by the Dean.

In case of long absence or retirement of a Doctoral Committee Member, or for any other valid reason, the Supervisor can request the Head and Dean for a replacement of the Member.

(b) This Committee shall have the following responsibilities:
    (i) To review the research proposal and finalize the topic of research.
    (ii) To guide the Research Scholar to develop the study design and methodology of research and identify the course(s) that he/she may have to do.
    (iii) To periodically review and assist in the progress of the research work of the Research Scholar.

(c) A Research Scholar shall appear before the Doctoral Committee at least once in a year to make a presentation of the progress of his/her work for evaluation and further guidance.

(d) The first meeting of the Committee shall be within six months after the provisional registration, and in this meeting, the Committee shall prescribe the courses that the candidate needs to take as requirement for the **Part-I** Examination (in case the Research Scholar does not have an M.Phil.).

(e) **The Part-I** examinations shall be conducted by the Supervisor/HOD/Principal withintwo years in consultation with the Doctoral Committee. The Doctoral Committee shall meet after the conduct of the examination to finalize the result. The Supervisor will communicate the result through HOD/Principal/Dean to the Controller of Examinations.

(f) The Committee shall conduct in the Department a seminar in which the candidate makes a public presentation of his/her Synopsis on a working day. The Thesis shall be submitted after one month, but before the completion of 6 months from the date of the Synopsis seminar.

(g) The Committee, after examining the progress made by the Candidate, shall recommend the submission of the Synopsis and the Thesis within the due date stipulated by the University. The Doctoral Committee shall endorse changes in the title of the Thesis, if any proposed by the Candidate and the Supervisor.

(h) The Committee shall approve the names of the Panel of Examiners, suggested by the Supervisor for the evaluation of the Thesis, and this Panel will be forwarded by the Dean of the School to the Controller of Examinations. The Committee shall ensure that all the Examiners are of high standing in the field of the research of the Candidate.

6. *Course of Study*

The course of study for the Ph.D. programme shall consist of two Papers under Part-I, and the Thesis and the public Viva-Voce under Part-II.

6.1 . Examination under the Part-I of the Ph.D. programme

(a) Unless otherwise indicated, in the light of the Candidate's attainment and with a view to fulfilling the requirements of research, each provisionally registered Candidate shall be required to work under a Supervisor and undergo such courses of instructions as may be prescribed by the Doctoral Committee during the first year of provisional registration.

(b) The Ph.D. candidate shall take the Part I examination consisting of, at least, two written Papers of 3 hours duration each and a maximum mark of 100 for each Paper, shall be conducted by the Supervisor/HOD/Principal within two years in consultation with the Doctoral Committee.

(c) Generally, the Paper-I shall be on Research Methodology, and the Paper-II shall be on the specific area of research and allied fields. However, considering the courses passed by the candidate and his/her experience, the titles of the above courses and syllabi shall be suitably defined by the Doctoral Committee. The Doctoral Committee can also suggest additional courses taking into account the candidate's proficiency in the topic of research.

(d) Syllabus for the Paper-I shall be prepared and published by the respective School Boards for the benefit of the Ph.D. scholars.

(e) Evaluation of Paper-I will be done by the teacher who offers the course and Paper-II will be evaluated by the Supervisor / teacher who offers the course. The passing minimum for each of the Papers shall be 55 % marks. Each Paper of the Ph.D. course work shall be with a minimum of 4 credits. The course work shall have a total minimum credits of 8 and maximum credits of 16.

(f) A candidate who fails in the written examination of one or more Papers may be permitted to reappear for the examination of those Papers only once. All the candidates shall have to clear the Part-I Examination within two years from the date of registration.

(g) A candidate who fails in any Paper in the second attempt shall not be permitted to continue and the provisional registration shall be cancelled.

(h) Apart from above, all Ph.D. Scholars are required to complete a course on **"Research and Publication Ethics (RPE)".**

Exemption from Pre-Ph.D. - Part-I Exam

Candidates with M. Phil./M.Tech. qualification or Post-Graduate professional qualifications mentioned in clause 1.1 (b) and 1.1 (c) of the Ph.D. regulations or any other qualification as prescribed by the University from time to time are exempted from taking the pre-Ph.D. Part-I Examination, provided they are admitted to the research programme in their own Faculty / Discipline and based on the recommendation of Doctoral Committee.

However, these candidates, if they have not completed courses on (1) Research Methodology and (2) Research and Publication Ethics (RPE) at M.Phil / M.Tech., they will be required to complete these two courses under Part-I of Ph.D. Programme.

6.2. Confirmation of Provisional Registration and submission of Thesis under Part –II

(a) The Provisional Registration of a candidate for the Ph.D. Degree shall be confirmed on receipt of the report of the result for the Ph.D. Part-I Examinations conducted under the supervision of the Supervisor/HOD and the Candidate will be registered under Part-II of the Ph.D. programme, namely, the Thesis and the Viva-Voce. Such candidates shall be required to choose a research topic programme and submit a Thesis incorporating the results of his / her investigations carried out under the guidance of the Supervisor.

(b) Candidates admitted to the Ph.D. programme under Part-time (External) are required to be present in the concerned Department for at least 90 days continuously or on maximum of 3 spells before submitting the Ph.D. Thesis. The time spent by the Candidate in field studies/ visits to laboratories for research work/ interactions with the co-Supervisor could be also included in the above minimum residence requirement of the programme, subject to the approval of the Doctoral Committee, HOD and the Dean.

6.3. Conversion from Full-time to Part-time and Vice-versa

(a) Conversion of the Ph.D. research from full-time to part-time and vice-versa will be allowed only in special circumstances on the recommendation of Doctoral Committee after completion of two years from the date of registration and on payment of the prescribed status change fee of Rs.5000/-.

(b) The following formula will be adopted for the conversion of the Ph.D. programme from full- time to part-time and vice-versa: the residual period that the candidate has to complete at the time of his / her request for conversion (from full-time to part-time or part- time to full time, as the case may be), for fulfilling the requirement of the minimum duration of submitting the Thesis under the existing category, will be taken note of, and the equivalent period of the corresponding number of days shall be determined and intimated to the Candidate, without exceeding the maximum duration.

7. *Cancellation of Registration*

(a) Registration may be cancelled on the recommendations of the Doctoral Committee, based on the lack of progress as reported by the Guide, and also after giving due opportunity to the Candidate for defending his/her case.

(b) In case the progress of the Research Scholar is unsatisfactory, the Doctoral Committee shall record the reasons for the same and suggest corrective measures. If the Research Scholar fails to implement these corrective measures, the Doctoral Committee may recommend with specific reasons the cancellation of the registration of the Research Scholar.

(c) Registration of the Candidate will be automatically cancelled if he / she fails to submit the Ph.D. Thesis within the maximum time limit prescribed in clause 3.4.

8. *Supervisors*

8.1 . Assignment of Supervisor/s

(a) Assignment of supervisor will be mainly according to the Candidate's preference. The Candidate will select the Supervisor according to his / her area/s of interest commensurate with the Supervisor's area of specialization. The Candidate will be required to select 2 Guides, out of which one will be allotted by the Admission Committee in accordance with his/her availability. In the event of non-availability of the Supervisor(s) chosen by the Candidate, the Admission Committee may recommend any other Supervisor in the field.

(b) The Pondicherry University shall prepare a Panel of Research Supervisors in each discipline from both within the University and from leading research centers/institutions in India and abroad. The selection of the Supervisors for empanelment shall be made both with the consent of the person and after due deliberations of his academic standing by the concerned School Board and approval of the Academic Council. The Panel of Supervisors shall be put on the website of the University and the prospective candidates can enter into advance correspondence with the Supervisor and obtain his / her consent letter.

(c) In order to promote interdisciplinary Research, the Supervisor and co-Supervisor can be chosen from allied subjects from the same School or other Schools.

(d) A Supervisor may be chosen by the Candidate from any Institution in India and abroad, provided that he/she has been recognized by the Pondicherry University as Research Supervisor of the Ph.D. program.

(e) In the event of an external Supervisor, there shall be a co-supervisor from the Pondicherry University.

(f) Internal and external part-time and full time Ph.D. students with the approval of the Admission Committee / Doctoral Committee can have co-Supervisors from other Departments of the University or from any Institution in India, duly recognized by the University of the Research Supervisor.

(g) A Research Supervisor/co-Supervisor who is a Professor, at any given point of time, cannot guide more than eight Ph.D. Scholars. An Associate Professor as Research Supervisor can guide up to a maximum of six Ph.D. Scholars, and an Assistant Professor as Research Supervisor can guide up to a maximum of four Ph.D. scholars. Vacancy shall be reckoned on the submission of the Thesis.

(h) A Candidate's close relatives/blood relations/spouse cannot be assigned as his/her Supervisor.

(i) Faculty shall obtain prior permission to act as a Supervisor/co-Guide for another University.

(j) In case of the relocation of a Ph.D. Scholar due to marriage or otherwise, the research data shall be allowed to be transferred to the University to which the Scholar intends to relocate, provided all the other conditions in these regulations are followed in letter and spirit and the research work does not pertain to the project secured by the parent institution/ Supervisor from any funding agency. The Scholar will, however, give due credit to the parent Institution and the guide for the part of research already done there.

8.2. Recognition of Supervisors

(a) Professors / Associate Professors of Pondicherry University holding a Ph.D. degree are eligible to guide from the date of their joining the University.

(b)   Assistant Professors of Pondicherry University, appointed as regular Faculty, holding a Ph.D. degree with at least one year of teaching / post-doctoral research experience and three publications in UGC approved journals or standard journals after the award of their Ph.D. can apply for recognition. On the recommendations of the HOD and the Dean, recognition of the Assistant Professor may be approved by the Vice-Chancellor.

(c)   Teaching faculty working in affiliated colleges / institutions which are recognized for conducting the Ph.D. programme, appointed as regular faculty, holding a Ph.D. degree with at least two years of teaching experience and three publications in UGC approved journals or standard journals published after the award of their Ph.D., can apply for recognition. On the recommendation of the concerned Dean and / or a panel of subject experts, recognition may be approved by the Vice-Chancellor.

(d)   Scientists / Faculty of a rank at least equivalent to that of Assistant Professor and having the prescribed qualification mentioned for teaching faculty (8.2 (b) & (c)) employed in approved research centres / institutions, in India or abroad, can also be recognized by this University as Supervisors for Ph.D.

(e)   Provided further that in the Faculty of Medicine, a person holding Post-Graduate qualifications with five years of teaching and research experience after acquiring the Post-Graduate qualification, and with not less than five years of teaching experience at the Post-Graduate level and at least three <u>MCI approved publications (one should be PubMed – indexed as first author or corresponding author)</u>, shall be eligible for recognition as a Supervisor for the Ph.D. programme.

(f)   Provided further that in the Faculty of Law, a person holding a Ph. D. degree with five years of teaching and research experience after acquiring the Post-Graduate qualification in Law and with not less than one year of teaching and research experience at the Post-Graduate level after obtaining the Ph.D. degree, and at least two publications in reputed UGC approved journals or standard journals shall be eligible for recognition as a Supervisor for Ph.D. research work.

8.3 . Responsibilities of Supervisors

(a)   The Supervisor carries the major responsibility of guiding the academic progress of the Candidate throughout the period of study. He / she counsels the Scholar in academic matters, and provides guidance on the nature of course work and research, the standards expected, the adequacy of progress, and the quality of work.

(b)   Maintaining the copies of records of the reports/minutes of the Doctoral Committee.

(c)   A Supervisor, who will be superannuating in less than **three** years period, cannot take a new Ph.D. student. However, he/she can co-supervise new students.

(d)   To ensure the successful and timely completion of the programme, it is essential that Supervisors and their Scholars maintain regular contact. Supervisors must give their Scholars advance notice if they plan to be absent from the University for an extended period of time, of at least six months, and make suitable arrangements for the continued supervision of the Scholar.

8.4. Change of Supervisor

(a)   In case of the absence of the allotted supervisor for more than 6 months and up to 1 year, a Supervisor in-charge may be allotted from the same Department or related Department with the approval of the Doctoral Committee.

(b)   In case of the Supervisor leaving the University permanently or on deputation elsewhere or otherwise for a period of more than one year, the Candidate may be permitted to change the topic of research, if necessary, with a change of the guide. The duration of research will be the same if the topic of research remains the same. If there is a change in the topic, the minimum duration of research will be decided by the Doctoral Committee.

(c)   Based on the recommendation of the Doctoral Committee, HOD and Dean, the Vice- Chancellor may approve a change of Supervisor under conditions such as non-availability of the Guide for more than one year or any other extraordinary condition.

8.5. Co-Supervisor/Co-Guide

a) To accommodate interdisciplinary aspects of research, a Supervisor can act as a co-Guide on the basis of recommendation of the Doctoral Committee with the approval of the Director/ Vice-Chancellor. The number of candidates registered under a co-Guide shall not be taken into consideration while counting the permissible number of candidates registered under a particular Guide/Supervisor. The main Supervisor / Guide shall be responsible for the successful completion of the Ph.D. programme of a Candidate.

(b) The University shall prepare a Panel of External Supervisors chosen from amongst the leading and well known researchers in various fields. This Panel shall be prepared by invitations of expression of interest from National Laboratories, National Research institutions and overseas Universities.

9.   *Institutions where Research can be done*

(a)   All the Schools / Departments / Centres of the Pondicherry University.

(b) Post Graduate Departments of Colleges/Institutions affiliated to the University with at least two Ph.D. qualified teachers and having necessary facilities to carry out Ph.D. research and duly recognized for Doctoral Research, based on the recommendation of an Expert Committee in the branch of study concerned. The recognition for conducting research is valid for ten years, and the Expert Committee shall renew it after due inspection.

(c) Regional Research Institutes located in the territorial jurisdiction of the University.

(d)   National Research Institutes under ICMR, CSIR, ICSSR, IIA, NGRI, DRDO, DAE, etc, and all Government of India Research Institutes of national importance deemed to have been recognized as Research Centres.

(e)   Colleges with adequate facilities for research as mentioned below alone shall offer Ph. D. programmes:

  (i)   In case of science and technology disciplines, exclusive research laboratories with sophisticated equipment as specified by the Institution concerned with provision for adequate space per research scholar along with computer facilities and essential software, and uninterrupted power and water supply;

(ii) Colleges may also access the required facilities of the neighbouring Institutions/Colleges, or of those Institutions/ Colleges /R&D laboratories /Organizations which have the required facilities.

(iii) Earmarked library resources including latest books, Indian and International journals, e-journals, extended working hours for all disciplines, adequate space for research scholars in the Department/ library for reading, writing and storing study and research materials;

10. *Twinning Programme/Joint Degrees*

Where the research work has been carried out at Pondicherry University and another University / Institution in India or abroad under an MOU, where a provision for joint degree exists, the Ph.D. degree will be jointly awarded by both the Universities.

11. *Synopsis*

(a) Not less than one month before the submission of the Thesis, every Candidate shall submit to the University, through the Supervisor, HOD and Dean, **three** copies of the Synopsis of the Thesis along with the electronic version, together with the Title of the Thesis and prescribed examination fee. The Candidate shall prepare the Synopsis carefully in consultation with the Supervisor. The Synopsis should bring out in an abridged form, the aims for conducting research, work done, results and findings. The Candidate shall make a presentation of the Synopsis at a seminar in the Department before the submission of the Synopsis (see Clause 5 (f) & (g).

(b) The Synopsis of the Thesis shall not be less than four pages or exceed ten pages, typed on A4 size paper with one and half space. The University shall prescribe a format for the Synopsis from time to time. The Candidate shall also submit the electronic version (read only format) of the Synopsis.

(c) A Panel of not less than ten examiners, at least six from India (outside the University area) and at least four Foreign Examiners from Developed Countries along with a resume, shall be recommended by the Doctoral Committee for evaluating the Thesis. Any person related to the candidate or Supervisor(s) should not appear in the panel of examiner. The Panel of Examiners shall be duly endorsed by the Head of Department and Dean of the concerned School and sent to the Controller of Examinations. The Supervisor may contact each member in the Panel of Examiners to seek their consent to be placed in the Panel.

(d) After the submission of the Synopsis and on the nomination of the Examiners by the Vice- Chancellor, the Controller of Examinations shall send the Synopsis and obtain the consent of the Examiners.

(e) Ph.D. scholars must publish at least one research paper in refereed journal (Two PubMed – Indexed Publication in case of Medical/ Para-medical stream) and make two Paper presentations in conferences/seminars before the submission of the Dissertation/Thesis for adjudication, and produce evidence of the same in the form of presentation certificates and/or reprints.

12. *Submission of Thesis*

(a) The Ph.D. programme culminates with the submission of a Thesis of a substantial work of original research carried out by the Candidate under the guidance of the Supervisor. It is expected to be potentially publishable and stand peer review.

(b)   The Candidate shall submit **four** copies of the Thesis in a soft bound form to the Controller of Examinations for evaluation by the Experts. Once the Thesis gets approved, the Candidate shall incorporate all the corrections / suggestions, if any, and resubmit **two** final version of the Thesis in hard bound form to the Supervisor and **two** copies in the electronic form (read- only format) through the Supervisor and Head of the University Department / Head of the Institution, and the Dean. The Supervisor shall certify that the corrections / suggestions (if any) were incorporated.

(c)   The Thesis should be submitted to the University for evaluation not later than **six** months after the submission of the Synopsis, through the Supervisor, and through the Head of the University Department /Head of the Institution, and the Dean, along with his / her application for the Ph.D. Degree.

(d)   The Thesis should be scrutinized by a software / gadget approved by the University to detect plagiarism and other forms of academic dishonesty. While submitting for evaluation, the Thesis shall have an undertaking from the Research Scholar and a certificate from the Research Supervisor attesting to the originality of the work, vouching that there is no plagiarism and that the work has not been submitted for the award of any other degree/diploma of the same Institution where the work was carried out, or to any other Institution.

(e)   If a Candidate is unable to submit the Thesis within six months from the date of the submission of the Synopsis, on the recommendation of the Doctoral Committee, HOD and Dean, he/she may be given a maximum of two extensions of three months with the approval of the Vice-Chancellor. If a Candidate fails to submit the Thesis within one year from the date of the submission of the Synopsis, he/she has to submit the Synopsis again based on the recommendations of the Doctoral Committee. The Supervisor shall then submit a fresh Panel of Examiners with the approval of the Doctoral Committee. In all the cases, the maximum time limit for the submission of the Thesis prescribed in clause 3.4 is applicable.

(f)   One copy of the Thesis will be placed in the internet server after the award of the Ph.D. Degree for the period specified in the ETD Form.

(g) Supplementary Papers to the Thesis, printed copies of any contributions to the knowledge of the subject or of any cognate branch of science that may have been published in journals or periodicals may also be included along with the Thesis or given as Bibliography.

(h)   The Thesis shall ordinarily be submitted not later than five years from the date of registration in the case of full-time candidates and six years in the case of part-time candidates. The women candidates and Persons with Disability (more than 40% disability) may be allowed a relaxation of two years in the maximum duration. In addition, the women candidates may be provided Maternity Leave/Child Care Leave once in the entire duration of Ph.D. upto 240 days as per Government of India norms from time to time. A maximum of two extensions of six months each shall be given at the discretion of the Vice-Chancellor / Academic Council on the recommendations of the Guide / Doctoral Committee after the expiry of which the registration will stand automatically cancelled.

(i) Every Candidate shall submit with his/her Thesis a Certificate from the Supervisor under whom he / she worked, that the Thesis submitted is a record of original research work done by the Candidate during the period of study under his / her supervision and that the Thesis has not previously formed the basis for the award to the Candidate of any Degree, Diploma, Associateship, Fellowship or other similar titles, and that the Thesis represents independent work on the part of the Candidate.

13. *Valuation of Thesis*

(a)   A board of three Examiners of high eminence shall carry out the evaluation of the Thesis. One of the three Examiners will be from outside India except in certain subjects like Indian Languages.

(b)   The Thesis shall be referred to a Board of Examiners as per the Statues and Ordinances of the University. Once all the reports reach the Controller of Examinations, he/she shall forward them in a sealed cover to the Supervisor. The Supervisor shall send through the HoD and the Dean specific recommendations along with a Consolidated Report and copies of the Examiners' reports, and request for the Viva-Voce to be conducted. After the Viva-Voce, the recommendations shall be sent to the Controller of Examinations for the declaration of the result with the approval of the Vice-Chancellor.

(c)   The Examiners who value the Thesis shall report on the merit of the candidate for the Ph.D. Degree as follows:

   i.   **The Thesis be accepted for the award of the Ph.D. degree in the present form.**
   ii.   **The Thesis be accepted for the award of the Ph.D. degree after minor corrections / revisions.**
   iii.   **The Thesis can be passed after obtaining clarifications at the time of Viva-Voce.**
   iv.   **The Thesis be revised and resubmitted for evaluation.**
   v.   **The Thesis be rejected.**

(d)   If the Thesis is approved, each Examiner may ask clarifying questions, if any, to be answered at the time of Viva-Voce.

(e)   When Examiners differ in their opinion while evaluating the Thesis: In case, all the three examiners or two out of three examiners have not commended, the Thesis shall be rejected and the registration cancelled. In case, one of the three Examiners has not commended, then, the Thesis shall again be referred to a fourth Examiner either Indian or Foreign as the case may be. If the fourth Examiner commends the Thesis, the Candidate shall be allowed to appear for the Viva-Voce examination. If the fourth Examiner does not commend the Thesis, it shall be rejected and registration cancelled.

(f) If the Examiner / Examiners insist on any correction / revision to be made in the Thesis, the same shall be made by the Candidate before the public Viva-Voce Examination and certified by the Supervisor and the Doctoral Committee.

(g)   If the Examiner / Examiners explicitly suggest(s) requirement of the revision and re- submission for further examination, then the revised Thesis duly certified by the Guide, Doctoral Committee, HOD and the Dean shall be sent to the same Examiner for further evaluation. In the absence of such a statement or if the Examiner concerned specifically instructs that the revised Thesis need not be sent back to him / her, the revised Thesis duly certified by the Guide, Doctoral Committee, HOD and the Dean shall be accepted and the Candidate shall be allowed to appear for the Viva-Voce.

(h)   The Candidate should revise and re-submit the thesis within the shortest possible period -- in any case not later than one year from the date of the communication of the notice from the University.

(i) In case the Candidate fails to submit the revised form of the Thesis within one year, the process of thesis evaluation gets cancelled. Then, the Candidate shall submit again the Synopsis to start the process of thesis evaluation. The maximum time limit for the submission of the Thesis prescribed in clause 3.4 is applicable.

14. *Public Viva-Voce (Oral Examination)*

(a) In cases where the Thesis has been approved, and on receipt of communication from the University, the Guide / Supervisor shall coordinate the conduct of the public Viva-Voce for the Candidate.

(b) One external Indian Examiner of the Thesis, and the Doctoral Committee shall conduct the public Viva-Voce Examination in the presence of interested members of the public. In case where the Indian examiner who evaluated the Thesis is not available, the University may appoint an alternative eminent person, preferably from the Panel previously submitted, for conducting the Viva.

(c) The Supervisor shall fix the date and time of the Viva-Voce in consultation with the External Examiner appointed by the University for conducting the Viva-Voce Examination. The Guide / Supervisor shall give wide publicity and at least 10 working days' (excluding Saturday, Sunday and Public Holidays) notice for scheduling this Examination. The maximum time limit for conducting the Viva-Voce shall be three months from the date of consolidation of reports. If the Candidate fails to take the Viva-Voce within three months on valid grounds, the Vice-chancellor can permit two three-month extensions on specific request from the Supervisor though the Doctoral Committee, HOD and the Dean. If the Candidate fails to take the Viva-Voce even after the extension, the Ph.D. registration gets cancelled.

(d) The Viva-Voce can be held on any working day of the University. However, no Viva-voce shall be held until one week after the final version of the Thesis is made available to the Controller of Examinations and the University Library.

(e) In case the Viva Examiner is not in a position to travel to the University, the Guide / Supervisor can arrange the Viva-Voce with the participation of the External Examiner through video-conferencing.

(f) In case the Supervisor has retired or is abroad for a long period and is unable to consolidate the reports or convene the Viva-Voce, the HOD can do these work in place of the Supervisor.

(g) In the Viva-Voce, the Supervisor will introduce the External Examiner who will then conduct the Examination. The Candidate shall make a 30-minute presentation of the Thesis. After the presentation, the External Examiner shall begin the questioning, followed by the faculty present and the public.

(h) After conducting the Viva-Voce Examination, the Guide / Convener shall convey to the Controller of Examinations of the University, through the HOD/Dean, the result of this Examination, endorsed by the External Examiner. A Candidate who is successful in the public Viva-Voce Examination shall be declared to have qualified for the Ph.D. Degree.

(i) A Candidate, who is not successful in the public Viva-Voce Examination, may be permitted to undergo the Viva-Voce Examination a second time, within a period of four months. In the event of he / she is failing again, his / her candidature for the Degree will be rejected.

(j) If the Candidate passes the Viva-Voce Examination, the Viva-Voce Examiner and the Guide /Supervisor shall consolidate the recommendation and submit through the HOD and Dean to the Controller of Examinations for the award of the Degree based on:

1) The reports of the Examiners who adjudicated the Thesis and
2) The evaluation of the Candidate's performance in the Viva-Voce Examination.

15. *Award of Degree*

(a)   The University shall consider the reports and decide whether the Candidate is worthy of the Degree of Doctor of Philosophy and may take action in accordance with such a decision.

(b) **For candidates who register for Ph.D. program in same/related discipline as that of his/her Master's degree:**

Candidates, who qualify for the Ph. D. Degree of a Department/Centre which has prescribed their own domain and related discipline as eligibility for admission shall be awarded the Ph.D. Degree in the name of the programme for which the candidate had registered for Ph.D.

For Example:

(i)   If a Candidate with Master's degree in Physics registers for Ph.D. in Physics, he would be awarded Ph. D in Physics.

(ii) If a Candidate with Master's degree in Sociology registers for Ph.D. in Social Work, he/she would be awarded Ph.D. in Social Work.

(c) For the candidates who registers for Ph.D. in the discipline other than his/her Master's degree:

A candidate, who registers for the Ph.D. programme in this University of a Department/Centre other than his/her Master's degree will be awarded Ph.D. degree in the programme for which he/she has registered for Ph.D. However, his/her Master's degree will be mentioned within paranthesis.

For Example:

(i)   If a Candidate with Master's degree in Physics registers for Ph.D. in Green Energy Technology, he would be awarded Ph.D. in Green Energy Technology (Physics).

(ii) If a Candidate with Master's degree in Commerce registers for Ph.D. in Banking Technology, he/she would be awarded Ph.D. in Banking Technology (Commerce).

16. *Publication of Thesis*

The Thesis is a public domain document and the research embodied in the Thesis may be published in part in reputed journals or in the form of book.

17. *Power to Remove any Difficulty*

(a) Any disputes/difficulties in the conduct of the Ph.D. programme may be resolved by the concerned Dean in consultation with the Scholar, Guide, HOD and Doctoral Committee Members.

(b) If necessary, the Dean may constitute a Committee to resolve the disputes/difficulties and the recommendations may be forwarded to the Vice-Chancellor for the final decision.

(c) The Vice-Chancellor / Academic Council has powers to remove any difficulty while implementing this programme, notwithstanding whatever said above.

Abbreviations Used

PU: Pondicherry University; VC: Vice Chancellor; HoD: Head of the Department or Centre Head of University Departments / Head of institution of affiliated institutions / Head of institutions having MoU with PU; CoE: Controller of Examinations; DC: Doctoral Committee; AC: Academic Council; SB: School Board; UGC: University Grants Commission; CSIR: Council for Scientific and Industrial Research; NET: National Eligibility Test; JRF: Junior Research Fellowship; PG: Post graduate (as defined by UGC); M.Phil. Master of Philosophy; M.Tech.: Master of Technology; GoI: Government of India; PC: Program Committee.

****

PONDICHERRY
UNIVERSITY

R. Venkataraman

Nagar Kalapet,

Puducherry – 14

पांडिच्चेरी विश्वविद्यालय
PONDICHERRY UNIVERSITY
(केन्द्रीय विश्वविद्यालय) (A Central University)

प्रो.के.देवन/**Prof. K. DEVAN**
समन्वयक / **Coordinator**
Academics

आर.वी.नगर/R.V.NAGAR
कालापेट/KALAPET
पुदुच्चेरी/PUDUCHERRY-605 014

No.PU/AS/Aca-2/Ph.D./Syllabus/2021-22/22

Date: 22.04.2021
~~03.05.~~

Sir/Madam,

> **Sub:** Syllabus on "Research and Publication Ethics (RPE)" course – Mandatory course to all Research Scholars admitted from the academic year 2020-21 – Reg.
>
> -----

As per UGC's directive, the course on "Research and Publication Ethics (RPE)" is to be taken by all Research Scholars admitted from 2020-21 onwards.

The Syllabus of the course as prescribed by UGC is enclosed herewith for implementation.

Yours faithfully,

COORDINATOR (ACADEMICS)

Encl.: As above

To

All the Deans/HODs/Centre Heads, Pondicherry University, Puducherry

Copy to:

1) The Dean (Research), Pondicherry University, Puducherry
2) The Controller of Examinations, Pondicherry University, Puducherry
3) Prof. M.S. Pandian, Dean & Chairman (Ph.D. Regulations Committee), School of Physical, Chemical and Applied Sciences, Pondicherry University, Puducherry

https://www.pondiuni.edu.in/university_news/syllabus-on-research-and-publication-ethics-rpe-course-mandatory-course-to-all-research-scholars-admitted-from-the-academic-year-2020-21/
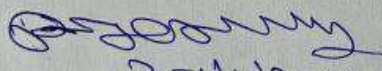
Syllabus on Research and Publication Ethics (RPE) course

PONDICHERRY UNIVERSITY
(A Central University)
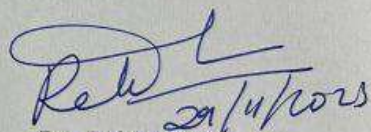**Department of Library and Information Science**

29.11.2023

NOTICE

The Department of Library and Information Science is offering the Ph.D. mandatory course on "**Research and Publication Ethics (RPE)**" to all Ph.D. students of Pondicherry University. Interested research scholars are requested to fill up the attached Google Form and contact the coordinator for further details.

Dr. R. Jeyshankar (Head)

HEAD
Dept. of Library and Information Science
Pondicherry University,
Puducherry – 605 014.

Dr. Rekha R. V.
Co-ordinator (RPE)

Dr. REKHA R. V.
ASSOCIATE PROFESSOR
DEPARTMENT OF LIBRARY & INFORMATION SCIENCE
PONDICHERRY UNIVERSITY
PUDUCHERRY - 605 014.

https://www.pondiuni.edu.in/university_news/ph-d-mandatory-course-on-research-and-publication-ethics-rpe-department-of-library-and-information-science-2/

पांडिच्चेरी   विश्वविद्यालय
PONDICHERRY   **UNIVERSITY**
(एक केन्द्रीय)   (A Central University)

पी. अजय बाबू / **P. AJAY BABU**   आर.वी.नगर/R.V.NAGAR
उप कुलसचिव / Deputy Registrar   कालापेट/KALAPET
(शैक्षणिक)/ (Academic)   पुडुबेरी / PUDUCHERRY - 605 014
Email: dracademic@pondiuni.ac.in   Phone: 0413-2654 538

Ref No: PU/AS/Aca-2/Ph.D./RPE/2022-23/262   Date: 20.03.2023

CIRCULAR

Sub: Modalities for offering the mandatary course on "Research Publication Ethics (RPE) to be completed by all Ph.D. Scholars towards fulfilment of Part – I Ph.D. Programme – Recommendations of the Committee – Reg.

With reference to the subject cited above, I am directed to inform that the Committee has scrutinized the proposal and submitted the report to offer compulsory paper titled "Research and Publication Ethics (RPE)" to all Ph.D. students by the Department of Library & Information Science in its meeting held on 05.01.2023 and has made the following recommendations that the Ph.D. Scholars may choose one of the following options for completing the course and evaluation process with award of grade:

1) The Ph.D. Scholars may complete this course offered by their respective School/Department/Centre or by other Schools/Departments/Centres of the University.

2) Ph.D. Scholars may complete this course online through UGC recognized platforms including SWAYAM.

3) Ph.D. Scholars may complete this course by participating in workshops on "Research and Publication Ethics (RPE)" for minimum of 5 days duration (30 hours) conducted by UGC recognized Institutions including Human Resource Development Centre (HRDC).

This is for your kind information and further necessary action in this regard.

This may be treated as **Most Urgent.**

20/3/2023

DEPUTY REGISTRAR (ACADEMIC)

To

All the Deans/HODs/Centre Heads
Pondicherry University
Puducherry

Copy to:
1) The Controller of Examinations, Pondicherry University, Puducherry
2) The Officer on Special Duty, Vice-Chancellor's Secretariat, Pondicherry University
3) The Assistant Registrar, Registrar's Secretariat, Pondicherry University
4) The Assistant Registrar, O/o. Director, SEI & RR, Pondicherry University
5) The Systems Manager, Computer Centre   to host the Circular in the University website
    Pondicherry University

https://www.pondiuni.edu.in/university_news/modalities-for-offering-the-mandatary-course-on-research-publication-ethics-rpe-to-be-completed-by-all-ph-d-scholars-towards-fulfilment-of-part-i-ph-d-programme-recommendations-of-the-co/

PONDICHERRY UNIVERSITY
UGC-HUMAN RESOURCE DEVELOPMENT CENTRE
(UGC - HRDC)
Silver Jubilee Campus, Puducherry – 605 014

PU/HRDC/2022-23/708   08.11.2022

Three-day Workshop for PhD Scholars – Research and Publication Ethics
07 – 09 December 2022

Sir/Madam

Sub: Three-day Workshop for PhD Scholars – Research and Publication Ethics – Reg.

We are happy to inform you that the UGC-HRDC, Pondicherry University, Pondicherry is organising a Three-day Workshop for PhD Scholars from 7th to 9th December, 2022 at the Seminar Hall, UGC - HRDC, Pondicherry University, Silver Jubilee Campus, Puducherry.

Objective of the programme

To make the Ph.D. research scholars formally aware of good and ethical research and publication practices. This is aimed to help them enhance the quality of their research and publications.

Design of the workshop

This workshop is designed on the lines of UGC-mandated course on Research and Publication Ethics. The following aspects would be particularly emphasized during the three-days workshop:

> Academic Integrity and Research Quality
> Philosophy and Ethics of Research in Science
> Ethics in Research Publications: Fabrication, Falsification, and Plagiarism in Science
> Research Ethics in Social Science and Humanities
> Guidelines on Good Publication Practices and UGC CARE list
> Data Bases and Research Metrics

Participants

The maximum of about 100 Ph.D. students from the departments of the Pondicherry University may be admitted. Preference will be given to those scholars who have yet to pass the UGC-mandated compulsory course on Research and Publication Ethics.

Submission of registration form:

Those who are interested, kindly submit the registration form on or before 20.11.2022 to the Course Coordinator in person or by email.

Prof. Rajneesh Bhutani
Director, UGC – HRDC

Prof. Panch. Ramalingam
Course Coordinator
UGC – HRDC, Pondicherry University
Email: panchramalingam@gmail.com
Contact: 9443352476

To
All the Deans of Schools/Heads of Departments, Pondicherry University

PONDICHERRY UNIVERSITY
UGC - HUMAN RESOURCE DEVELOPMENT CENTRE (UGC-HRDC)

Workshop for PhD Full time Research Scholars on Research and Publication Ethics
07 – 09 December 2022

Date	Fore Noon 10:00 – 11:30 AM	Fore Noon 11:30 AM – 01:00 PM	After Noon 2:00 – 3:30 PM	After Noon 3:30 – 5:00 PM
07.12.2022 Wednesday	Presidential Address **Prof. Gurmeet Singh**, VC, PU Inaugural Address **Prof. VSR Vijayakumar,** Chennai	Research Ethics in Social Science and Humanities **Prof. VSR Vijayakumar,** Chennai	Guidelines on Good Publication Practices **Prof. M. Vijayakumar,** PU	UGC CARE **Prof. M. Vijayakumar,** PU
08.12.2022 Thursday	Data Bases and Research Metrics **Dr. R. Sevukan,** PU	Open Access Publishing and Publication Misconduct **Dr. K.S. Kuppusamy,** PU	Philosophy and Ethics of Research in Science **Prof. B.K. Tiwari,** PU	Academic Integrity and Research Quality **Prof. B. Mohanan,** PU
09.12.2022 Friday	Ethics in Research Publications: Fabrication, Falsification, and Plagiarism in Science **Prof. N. Parthasarathy,** PU	Ethics in Research Publications: Fabrication, Falsification, and Plagiarism in Science **Prof. N. Parthasarathy,** PU	Feedback and Evaluation	Valediction

Prof. Rajneesh Bhutani
Director
UGC HRDC, Pondicherry University

Prof. Panch. Ramalingam
Course Coordinator
UGC HRDC, Pondicherry University
Email: panchramalingam@gmail.com
Contact: 9443352476

PONDICHERRY UNIVERSITY
UGC-HUMAN RESOURCE DEVELOPMENT CENTRE
(UGC - HRDC)

Three-day Workshop for PhD Scholars – Research and Publication Ethics
(07 – 09 December 2022)

Registration Form for Participation in Person

1. Name in Full (in Capital Letters): Mr./Ms._____

2. Male ☐   Female ☐

3. Aadhar Number :

4. Category: SC/ST/OBC/General

5. Course :

6. Name of the Department

7. Year of joining the course_____

8. **Address for communication (Present)**

    _____

    _____

    District: State: PIN:

9. Phone_____ Mobile_____

10. Email_____

11. **Permanent Address**

    _____

    District: State: PIN:

12. Have you participated in any other programme in the HRDC (if yes, give details):

Date:_____   Signature _____

Certificate

I certify that the above particulars are true. He/she is studying in our institution and belongs to SC/ST/OBC/General community. He/she may be admitted to the workshop from 07th to 09th December 2022 at the UGC-HRDC, Pondicherry University, Puducherry.

Signature of the Head/Dean_____
Office seal

https://hrdc.ugc.ac.in/Web/Home/ViewCourseDetails/842/

PONDICHERRY UNIVERSITY
UGC- Malaviya Mission Teacher Training Centre

Short Term Course for PhD Full-time Research Scholars
on Research and Publication Ethics (RPE)
25 – 30 October 2023

Distribution of Certificates

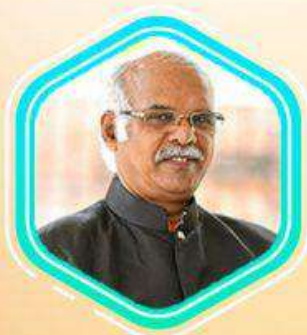Date : 31.10.2023   Time : 02:30 PM
Venue : Seminar Hall, UGC -MMTTC, Silver Jubilee Campus, Pondicherry University

Prof. Gurmeet Singh
Vice Chancellor, Pondicherry University
Distributes the Certificates

Prof. Rajeev Jain
Director (OSD), C & CR
Presides

Prof. Panch. Ramalingam
Director (i/c) , UGC - MMTTC, Pondicherry University
Wecomes

Prof. M. Vijayakumar
Librarian, Pondicherry University
Felicitates

Pondicherry University
UGC- Malaviya Mission Teacher Training Centre (UGC-MMTTC)
(Formerly UGC-Human Resource Development Centre)
Short Term Course for PhD Full-time Research Scholars on
Research and Publication Ethics (RPE) 25 – 30 October 2023
Schedule of Lecture Sessions

	Morning session starts at 9.45 a.m.			
Date/time	**10.00 – 11.15 am**	**11.30 am - 1.00 pm**	**2.00 – 3.15 pm**	**3.30 and 5.00 pm**
25.10.2023 Wednesday	Inaugural Session **Prof. Gurmeet Singh** Vice-Chancellor, PU Presides **Prof. D.N. Sansanwal** NCTE, Indore Inaugurates **Prof. Panch. Ramalingam,** Director (i/c), UGC-HRDC welcomes	Philosophy and Ethics **Prof. D.N. Sansanwal** NCTE, Indore	Open Access Publishing **Prof. M. Vijayakumar, PU**	Open Access Publishing **Prof. M. Vijayakumar, PU**
26.10.2023 Thursday	Open Source Software Tools **Dr. K.S. Kuppusamy, PU**	Open Source Software Tools **Dr. K.S. Kuppusamy, PU**	Scientific Misconducts **Prof. Venkata Rao, PU**	Intellectual Honesty and Research Integrity **Prof. Venkata Rao, PU**
27.10.2023 Friday	Research Matrics **Prof. R. Sevugan, PU**	Research Matrics: Impact Factor of Journal **Prof. R. Sevugan, PU**	Ethics with respect to Science and Research **Prof. N. Sakthivel, PU**	Selective Reporting and Misrepresntation of Data **Prof. N. Sakthivel, PU**
28.10.2023 Saturday	Publication Ethics **Prof. S.P. Malhotra,** New Delhi	Best Practices **Prof. S.P. Malhotra,** New Delhi	Publication Misconduct **Dr. N. Sundar, Madurai**	Predatory Publishers and Journals **Dr. N. Sundar, Madurai**
29.10.2023 Sunday	Group Discussion	Group Discussion	Group Discussion	Group Discussion
30.10.2023 Monday	Research Publications **Dr. Panch. Ramalingam** HRDC	Examination MCQ Test and Evaluation **Dr. Panch. Ramalingam** HRDC	Feedback	Valediction **Prof. Rajneesh Bhutani** Registrar (i/c), PU delivers valedictory address **Prof. Rajeev Jain** Director (CCR), PU

Prof. Panch. Ramalingam
Director (i/c), UGC-MMTTC
Pondicherry University

Google Meet Link: https://meet.google.com/umo-thva-dwp

https://www.pondiuni.edu.in/university_news/short-term-course-for-phd-full-time-research-scholars-on-research-and-publication-ethics-rpe-schedule-of-lecture-sessions/

ज्ञान-विज्ञान विमुक्तये

प्रो. रजनीश जैन
सचिव
Prof. Rajnish Jain
Secretary

D.O.No.F.1-1/2018(Journal/CARE)   December, 2019

Respected Sir/Madam,

University Grants Commission in its 543rd meeting held on 9th August, 2019 approved two Credit Courses for awareness about publication ethics and publication misconducts entitled **"Research and Publication Ethics (RPE)"** to be made compulsory for all Ph.D. students for pre-registration course work **(attached as Annexure).**

In view of the above, you are requested to ensure that the above two Credit courses may be made compulsory for all Ph.D. students for pre-registration course work undertaken in your University from the forthcoming academic session.

With regards,

Yours sincerely,

(Rajnish Jain)

TO THE VICE-CHANCELLORS OF ALL UNIVERSITIES

Course Title:

- **Research and Publication Ethics (RPE)**-Course for awareness about the publication ethics and publication misconducts.

Course Level:

- 2 Credit course (30 hrs.)

Eligibility:

- M.Phil., Ph.D. students and interested faculty members (It will be made available to post graduate students at later date)

Fees:

- As per University Rules

Faculty:

- Interdisciplinary Studies

Qualifications of faculty members of the course:

- Ph.D. in relevant subject areas having more than 10 years' of teaching experience

About the course

Course Code: CPE- RPE

Overview
- This course has total 6 units focusing on basics of philosophy of science and ethics, research integrity, publication ethics. Hands-on-sessions are designed to identify research misconduct and predatory publications. Indexing and citation databases, open access publications, research metrics (citations, h-index, Impact Factor, etc.) and plagiarism tools will be introduced in this course.

Pedagogy:

- Class room teaching, guest lectures, group discussions, and practical sessions.

Evaluation

- Continuous assessment will be done through tutorials, assignments, quizzes, and group discussions. Weightage will be given for active participation. Final written examination will be conducted at the end of the course.

Course structure

- The course comprises of six modules listed in table below. Each module has 4-5 units.

Modules	Unit title	Teaching hours
Theory		
RPE 01	Philosophy and Ethics	4
RPE 02	Scientific Conduct	4
RPE 03	Publication Ethics	7
Practice		
RPE 04	Open Access Publishing	4
RPE 05	Publication Misconduct	4
RPE 06	Databases and Research Metrics	7
	Total	30

Syllabus in detail

THEORY

- **RPE 01: PHILOSOPHY AND ETHICS (3 hrs.)**

  1. Introduction to philosophy: definition, nature and scope, concept, branches
  2. Ethics: definition, moral philosophy, nature of moral judgements and reactions

- **RPE 02: SCIENTIFICCONDUCT (5hrs.)**

  1. Ethics with respect to science and research
  2. Intellectual honesty and research integrity
  3. Scientific misconducts: Falsification, Fabrication, and Plagiarism (FFP)
  4. Redundant publications: duplicate and overlapping publications, salami slicing
  5. Selective reporting and misrepresentation of data

- **RPE 03: PUBLICATION ETHICS (7 hrs.)**

  1. Publication ethics: definition, introduction and importance
  2. Best practices / standards setting initiatives and guidelines: COPE, WAME, etc.
  3. Conflicts of interest
  4. Publication misconduct: definition, concept, problems that lead to unethical behavior and vice versa, types
  5. Violation of publication ethics, authorship and contributorship
  6. Identification of publication misconduct, complaints and appeals
  7. Predatory publishers and journals

PRACTICE

- **RPE 04: OPEN ACCESS PUBLISHING(4 hrs.)**

1. Open access publications and initiatives
2. SHERPA/RoMEO online resource to check publisher copyright & self-archiving policies
3. Software tool to identify predatory publications developed by SPPU
4. Journal finder / journal suggestion tools viz. JANE, Elsevier Journal Finder, Springer Journal Suggester, etc.

• RPE 05: PUBLICATION MISCONDUCT (4hrs.)

A. Group Discussions (2 hrs.)

1. Subject specific ethical issues, FFP, authorship
2. Conflicts of interest
3. Complaints and appeals: examples and fraud from India and abroad

B. Software tools (2 hrs.)

Use of plagiarism software like Turnitin, Urkund and other open source software tools

• RPE 06: DATABASES AND RESEARCH METRICS (7hrs.)

A. Databases (4 hrs.)
1. Indexing databases
2. Citation databases: Web of Science, Scopus, etc.

B. Research Metrics (3 hrs.)
1. Impact Factor of journal as per Journal Citation Report, SNIP, SJR, IPP, Cite Score
2. Metrics: h-index, g index, i10 index, altmetrics

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