



# PONDICHERY UNIVERSITY

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



*Celebrating 25 years of excellence  
in higher education.*

PROSPECTUS 2010-11



## Vice Chancellor's Message



**H**uman Resource development and higher education in India are focused on access to a large number of aspiring students to undergo higher education with quality and affordability. As one of the Central Universities, Pondicherry University has facilities and amenities to students to stay and study a wide range of 147 courses. The main campus located at Puducherry has a lush green tropical evergreen forest along the east coast of India bordered with the Bay of Bengal. The University has established two more campuses to offer P.G. courses, one at Karaikal (UT of Pondicherry) and the other at Port Blair (UT of Andaman and Nicobar Islands). The University has excellent ambience for higher studies, research and cultural exchange. It has nineteen hostels, networked Wi-Fi campus, support services. Scholarships and freeships are provided to help deserving students to pursue their education and research. The modern laboratories, library with

electronic access to Journals and e-resources, conference halls, playfields, health centre, placement and other services such as free buses to reach the University, eco friendly commutation in campus by electric cars & bicycles are a few to mention. The University offers many inter-disciplinary courses in Arts, Pure and Applied Sciences, Humanities and Social Sciences, Commerce, Management, Education, Electronic Media, Environment, Nano sciences, Green technology, Performing Arts and Computer science through Choice Based Credit System. Expansion, Excellence with Equity is the punch line and thrust of the University.

Our faculty, officers and staff work with commitment to maintain the standards and to adopt the best practices. The emphasis of the University is to promote inter-disciplinary programmes. A large number of national and international conferences and seminars are held by way of inviting visiting faculty from across the country and overseas to share their experiences and expertise. We welcome students from other countries to take courses and carry back the credits. Recently, the University has taken a big leap ahead with expansion of teaching departments, infrastructure, research facilities with an ultimate objective of 400% expansion of the student, teacher and scholar strength by the end of 2011-12. There will be 450 faculty spread over 13 schools.

The University is conscious that with increasing inter disciplinary nature of job opportunities available globally, it is inevitable for any student to cross the borders of his specialized field & learn more in allied fields, to make himself adaptable to the changing scenarios. To fulfill their need, the University has started 22 PG Diploma programmes and 6 foreign language certificate courses thus providing them add on options in various relevant disciplines. For example, a student of 'Master in Social Work' can now possess two additional P.G. Diploma in Industrial Psychology and Labour Laws, which will add immense value to his employability. Similarly any student in Bio-sciences will now have an option to add a P.G. Diploma in Bio-Technology which is currently in great demand.

To enable the large number of students from other states studying in the campus, to possess a functional knowledge of Tamil, a specially designed certificate course in Tamil is also being offered from this year.

All the Add-On courses are also made open to the local population of Puducherry enhancing their access to higher education.

We invite scholars and students to avail this opportunity to enhance their knowledge and realize their full potential.

VISITOR

**Smt. PRATIBHA DEVISINGH PATIL**

Her Excellency, the President of India

CHANCELLOR

**Shri MOHAMMAD HAMID ANSARI**

Hon'ble Vice-President of India

CHIEF RECTOR

**Dr. IQBAL SINGH**

His Excellency, the Lt. Governor of Puducherry

VICE-CHANCELLOR

**Prof. J. A. K. TAREEN**

Director of Culture and Cultural Relations  
Professor A. BALASUBRAMANIAN

Registrar  
Shri S. LOGANATHAN

Finance Officer  
Shri S. RAGHAVAN IA & AS

Controller of Examinations (i/c)  
Dr. J. SAMPATH

Librarian  
Dr. R. SAMYUKTHA

### **DEANS OF SCHOOLS**

School of Life Sciences: Dr. PRIYA DAVIDAR

School of Performing Arts: Dr. R. RAJU

School of Social Sciences & International Studies: Dr. D. SAMBANDHAN

School of Management: Dr. M. BASHEER AHMED KHAN

School of Education: Dr. M. S. LALITHAMMA

School of Physical, Chemical & Applied Sciences: Dr. H. SURYA PRAKASH RAO

Ramanujan School of Mathematical Sciences: Dr. A.M.S. RAMASAMY

School of Humanities: Dr. R. VENGUATTARAMANE

Subramania Bharathi School of Tamil Language & Literature: Dr. S. AROKIANATHAN

## SCHOOLS, DEPARTMENTS/ CENTRES & RESPECTIVE HEADS

<b>Subramania Bharati School of Tamil Language &amp; Literature</b>	Dr. S. Arokianathan	Centre for Foreign Languages Escande Chair in Asian Christian Studies	Dr. (Mrs.) Nalini J. Thampi Dr. P. A. Sampath Kumar
<b>School of Management</b>		<b>School of Social Sciences and International Studies</b>	
Department of Management Studies	Dr. R. Prabhakara Raya	Department of Anthropology	Dr. A. Chellaperumal
Department of Commerce	Dr. Malabika Deo	Department of Sociology	Dr. B. B. Mohanty
Department of Economics	Dr. M. Ramadass	Department of History	Dr. Venkata Raghotham
Department of Tourism Studies	Dr. G. Anjaneya Swamy	Department of Politics & International Studies	Dr. B. Mohanan
Department of Banking Technology	Dr. K. Chandrasekhara Rao	Department of Social Work (Course co-ordinator)	Dr. G. Ramathirtham
Department of International Business	Dr. K. Mohan	Madanjeet Singh Institute of South Asia Regional Cooperation (MISARC) & Centre for South Asian Studies	Prof. N. K. Jha
<b>Ramanujan School of Mathematical Sciences</b>		Centre for Women's Studies	Dr. Usha V. T.
Department of Mathematics	Dr. V. Indumathi	Centre for Study of Social Exclusion and Inclusive Policies	Dr. T. Subramanyam Naidu
Department of Statistics	Dr. P. Dhanavanthan	<b>School of Engineering &amp; Technology</b>	
<b>School of Physical, Chemical and Applied Sciences</b>		Department of Computer Science	Dr. R. Subramanian
Department of Physics	Dr. G. Govindaraj	Department of Electronics Engineering (Course co-ordinator)	Dr. V. V. Ravi Kanth Kumar
Department of Chemistry	Dr. P. Sambasiva Rao	Centre for Pollution Control and Environmental Engineering	Dr. S. A. Abbasi
Department of Earth Sciences	Dr. M. S. Pandian	<b>School of Education</b>	Dr. M. S. Lalithamma
Department of Applied Psychology (Course co-ordinator)	Dr. V. C. Thomas	<b>School of Medical Sciences</b>	
<b>School of Life Sciences</b>		P.G. Courses to be jointly offered with Affiliated Medical Colleges under Public Private Partnership model	
Department of Biochemistry & Molecular Biology (Head (i/c))	Dr. P. P. Mathur	<b>School of Performing Arts</b>	
Department of Biotechnology	Dr. S. Jayachandran	Department of Performing Arts	Dr. V. Arumugam
Department of Food Science and Technology (Head i/c)	Dr. H. Pratap Kumar Shetty	<b>School of Media &amp; Communication</b>	
Department of Ecology & Environmental Sciences	Dr. N. Parthasarathy	Department of Mass Communication	Dr. A. Balasubramanian
Department of Ocean Studies & Marine Biology	Dr. P. M. Mohan	Department of Library and Information Sciences	Dr. R. Samyuktha
Department of Coastal Disaster Management		Centre for Electronic Media	Dr. A. Balasubramanian
Centre for Bioinformatics	Dr. P. P. Mathur	<b>Madanjeet School of Green Energy Technologies</b>	
<b>School of Humanities</b>		Centre for Green Energy Technology (Course co-ordinator)	Dr. H. Surya Prakash Rao
Department of English	Dr. S. Murali	Centre for Nano Sciences & Technology (Course co-ordinator)	Prof. N. Satyanarayana
Department of French	Dr. (Mrs.) Nalini J. Thampi		
Department of Hindi	Dr. V. Vizialakshmi		
Department of Sanskrit	Dr. C. S. Radhakrishnan		
Department of Philosophy	Dr. K. Srinivas		
Department of Physical Education and Sports	Dr. N. Govindarajulu		
College Development Council	Dr. A. Balasubramanian, Dean (i/c)	Community College	Dr. K. S. Kumari Principal
Directorate of Distance Edn.	Dr. S. Bhaskaran Director	Central Instrumentation Facility	Dr. G. Govindaraj Co-ordinator
Academic Staff College	Dr. S. Hariharan Director	Centre for Adult and Continuing Education	Dr. K. Devan Lecturer (SG)

## ADMINISTRATIVE OFFICERS

### OFFICE OF THE VICE-CHANCELLOR

Assistant Registrar R. Segar  
Vice-Chancellor's Secretariat

### OFFICE OF THE REGISTRAR

Assistant Registrar (PCR) S. Alamelu  
Registrar's Secretariat  
Deputy Registrar (Academic II) Dr. J. Sampath  
Deputy Registrar (Administration) P. Subramanian  
Deputy Registrar (SC/ ST) M. Jagannathan  
Deputy Registrar (Planning & Development) Dr. M. Rajendiran  
Law Officer A. Balasubramanian  
Assistant Registrar (Planning & Development) B. Routtramourthy  
Assistant Registrar (Administration) S. Punitha  
Assistant Registrar (Establishment) N. Giridharan  
Assistant Registrar (Purchase & Stores) M. Velayutham  
Assistant Registrar (Academic I) B.N.K. Radipe  
Assistant Registrar (Academic II) L.R. Franklin Thomas  
Assistant Registrar (Public Relations) D.J.P. Babu

Assistant Registrar (Ramanujan School of Mathematical Sciences) N. Ravi

### OFFICE OF THE CONTROLLER OF EXAMINATIONS

Deputy Registrar (DDE-Examinations) Dr. S. Manivannan  
Deputy Registrar (Examinations) Dr. B. Chitra  
Assistant Registrar (Examinations) P. Vaitheanathan  
Assistant Registrar DDE (Exams) Dr. S. K. Balasundaram  
Assistant Registrar (Exams) P. Muralidassan  
Public Grievances Officer K. Devan

### OFFICE OF THE FINANCE OFFICER

Deputy Registrar (F&A) K. Chandramorthy  
Assistant Registrar (Finance) P. Gunasekaran  
Assistant Registrar (Accounts) G. Venguidesvarane  
Project Officer, Project Cell S. Ramalingam

### OFFICER ON SPECIAL DUTY

Officer on Special Duty (Vigilance and Security) D. Sathyanarayana

### ENGINEERING WING

Superintending Engineer R. Gopalakrishnan  
Executive Engineer R. Dwaraganathan  
Assistant Engineers N. Sankaramurthy  
K. Vadivel

## OTHER OFFICERS

### CENTRAL LIBRARY

Deputy Librarian V. Meibalan  
Deputy Librarian U. Nagalingam  
Assistant Librarian (SG) V. R. Rajan  
Assistant Librarian K. Nallaperumal Pillai (DDE)  
Assistant Librarian S. Durai  
Assistant Librarian R. Hema  
Assistant Librarian Dr. M. Baskar  
Assistant Librarian K. Saravanan (Community College)  
Assistant Librarian N. Sankara Subramanian  
Assistant Librarian G. Sivasubramanian  
Computer/ Information Scientist Z. Olirvel

### COMPUTER CENTRE

Systems Manager Marie Stanislas Ashok  
Systems Analyst K. Palanivel

### HORTICULTURE

Horticulturist Dr.R. Manivannan

### HEALTH CENTRE

Medical Officer – I Dr. Sheela Das  
Medical Officer – II Dr. S. Makalakshmi

### MEDIA CENTRE

Producer Sanjeev Kumar  
FM Radia  
Executive Producer Saleema Rabiyyath

### CENTRAL INSTRUMENTATION FACILITY

Technical Officer Gr. – II P. Kasirajan  
Technical Officer Gr. – I (SS) P. Thillaimani  
Technical Officer Gr. – I (SS) S. Ramasamy

### DIRECTORATE OF DISTANCE EDUCATION

Assistant Registrar V.Parthasarathy

### CENTRE FOR BIOINFORMATICS

Information Officer M. Sundara Mohan

### HOSTELS

Chief Warden (Men) Dr. P. A. Sampath Kumar  
Chief Warden (Women) Dr. Ilamathy Janakiraman  
Assistant Registrar B. Routtramourthy

### WARDENS : MEN'S HOSTELS

Bharathidasan Dr. Subhadip Bhadra  
Ilango Adigal Dr. R. Sankaranarayanan  
Kalidas Dr. C. Thirunavukkarasu  
Kamban Dr. Pramod Singh  
Subramania Bharathi Dr. Subhadip Bhadra  
Tagore Dr. Jitendra Mohan Mishra  
Valmiki Dr. K. Anbu  
Kannadasan Mr. Santhosh Mathew  
Kabir Das Dr. R. Krishna  
Foreign Students' Sri. M. Rejoyson Thangal  
Karaikal (Boys) Dr. S. Amilan  
Karaikal (Girls) Dr. Lalitha Ramakrishnan

### WARDENS : WOMEN'S HOSTELS

Ganga Ms. Archana Pan  
Cauvery Dr. D. Sultana  
Saraswathy Dr. R. Amutha  
Yamuna Dr. Mumtaz Begum

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## PROGRAMMES A-Z

with page numbers

### M.A.

- 112. Anthropology
- 63. Applied Economics
- 99. English & Comparative Literature
- 101. French (Translation & Interpretation)
- 102. Hindi
- 115. History
- 129. Mass Communication
- 104. Philosophy
- 117. Politics & International Relations
- 103. Sanskrit
- 113. Sociology
- 119. South Asian Studies
- 58. Tamil

### M.Sc.

- 81. Applied Geology
- 83. Applied Psychology
- 85. Biochemistry & Molecular Biology
- 95. Bioinformatics
- 87. Biotechnology
- 79. Chemical Sciences
- 92. Coastal Disaster Management
- 95. Computational Biology
- 133. Computer Science
- 89. Ecology and Environmental Sciences
- 126. Electronic Media
- 93. Food Science & Nutrition
- 93. Food Science & Technology
- 91. Marine Biology
- 72. Mathematics
- 85. Microbiology
- 77. Physics
- 74. Statistics

### M.Sc.

**(Five Year Integrated Programme)**

- 81. Applied Geology
- 79. Chemistry

- 133. Computer Science
- 63. Economics
- 72. Mathematics
- 77. Physics
- 74. Statistics

### M.Tech.

- 133. Computer Science & Engineering
- 132. Electronics (also see p.38)
- 135. Environmental Engineering & Management
- 81. Exploration Geosciences
- 137. Green Energy Technology
- 138. Nano Sciences & Technology
- 133. Network & Internet Engineering

### MBA

- 66. Banking Technology
- 60. Business Administration
- 60. Insurance Management
- 69. International Business
- 64. Tourism

### MCA, M.Com., M.Ed., MLIS, M.P.Ed., MSW, M.P.A.

- 133. MCA
- 130. MLIS (Master of Library and Information Science)
- 109. MPA (Theatre Arts)
- 114. MSW (Master of Social Work)
- 61. M.Com. (Business Finance)
- 123. M.Ed., (Master of Education)

- 105. M.P.Ed. (Master of Physical Education & Sports)

### M. Phil.

- 112. Anthropology
- 107. Asian Christian Studies
- 79. Chemistry
- 61. Commerce
- 109. Drama & Theatre Arts
- 63. Economics
- 99. English
- 135. Environmental Technology
- 101. French
- 102. Hindi
- 115. History
- 72. Mathematics
- 104. Philosophy
- 105. Physical Education & Sports
- 77. Physics
- 117. Politics & International Studies
- 103. Sanskrit
- 122. Social Exclusion & Inclusive Policies
- 114. Social Work
- 113. Sociology
- 58. Tamil (Modern Literature)
- 58. Tamil (Religious Literature)
- 121. Women's Studies

### Ph.D.

- 112. Anthropology
- 83. Applied Psychology
- 107. Asian Christian Studies
- 66. Banking Technology
- 85. Biochemistry & Molecular Biology
- 95. Bioinformatics
- 87. Biotechnology
- 79. Chemistry

- 92. Coastal Disaster Management
- 61. Commerce
- 133. Computer Science & Engineering
- 109. Drama & Theatre Arts
- 81. Earth Sciences
- 89. Ecology and Environmental Sciences
- 63. Economics
- 123. Education
- 126. Electronic Media
- 99. English
- 135. Environmental Technology
- 93. Food Science & Nutrition
- 93. Food Science & Technology
- 101. French
- 102. Hindi
- 115. History
- 69. International Business
- 130. Library & Information Science
- 60. Management
- 91. Marine Biology
- 129. Mass Communication
- 72. Mathematics
- 104. Philosophy
- 105. Physical Education & Sports
- 77. Physics
- 117. Politics & International Studies
- 103. Sanskrit
- 122. Social Exclusion & Inclusive Policies
- 114. Social Work
- 113. Sociology
- 119. South Asian Studies
- 74. Statistics
- 58. Tamil
- 64. Tourism
- 121. Women's Studies



# SCHOOLS & DEPARTMENTS/ CENTRES

with page numbers

## 57. Subramania Bharati School of Tamil Language and Literature

## 59. School of Management

- 60. Department of Management Studies
- 61. Department of Commerce
- 63. Department of Economics
- 64. Department of Tourism Studies
- 66. Department of Banking Technology
- 69. Department of International Business

## 71. Ramanujan School of Mathematical Sciences

- 72. Department of Mathematics
- 74. Department of Statistics

## 76. School of Physical, Chemical and Applied Sciences

- 77. Department of Physics
- 79. Department of Chemistry
- 81. Department of Earth Sciences
- 83. Department of Applied Psychology

## 84. School of Life Sciences

- 85. Department of Biochemistry & Molecular Biology
- 87. Department of Biotechnology
- 89. Department of Ecology & Environmental Sciences
- 91. Department of Ocean Studies & Marine Biology
- 92. Department of Coastal Disaster Management
- 93. Department of Food Science and Technology
- 95. Centre for Bioinformatics

## 98. School of Humanities

- 99. Department of English
- 101. Department of French
- 102. Department of Hindi
- 103. Department of Sanskrit
- 104. Department of Philosophy
- 105. Department of Physical Education and Sports
- 106. Centre for Foreign Languages

- 107. Escande Chair in Asian Christian Studies

## 108. School of Performing Arts

- 109. Department of Performing Arts

## 111. School of Social Sciences and International Studies

- 112. Department of Anthropology
- 113. Department of Sociology
- 114. Department of Social Work
- 115. Department of History
- 117. Department of Politics & International Studies
- 119. Madanjeet Singh Institute of South Asia Regional Cooperation (MISARC) & Centre for South Asian Studies
- 121. Centre for Women's Studies
- 122. Centre for Study of Social Exclusion and Inclusive Policies

## 123. School of Education

## 125. School of Media & Communication

- 126. Centre for Electronic Media
- 129. Department of Mass Communication
- 130. Department of Library & Information Science

## 132. School of Engineering & Technology

- 133. Department of Computer Science
- 132. Department of Electronics Engineering
- 135. Centre for Pollution Control and Environmental Engineering

## 137. Madanjeet School of Green Energy Technologies

- 137. Centre for Green Energy Technology
- 138. Centre for Nano Sciences and Technology

## 139. Add-On courses

## 143. UGC Academic Staff College

## 144. Pondicherry University Community College

## 145. Directorate of Distance Education

## 146. Placement Cell

## PUDUCHERRY



**P**uducherry is situated on the Coramandal coast, 160 k.m. south of Chennai. It is now a growing city and the capital of the Union Territory bearing the same name.

Puducherry, which attracted the French to settle here two centuries ago still carries several marks of French culture and heritage. It is also the place where the national poet Shri Subramania Bharathiar wrote several of his masterpieces that fanned the flames of freedom and also enriched modern Tamil

literature. Bharathidasan, a staunch disciple of Subramania Bharathiar, whose poems stressed social revolution and emancipation of women, was also an eminent son of Puducherry.

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

and Tamil manuscripts, is a veritable repository of treasures.

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

Some of the other places worth seeing are Auroville, Beaches, Backwaters, Lake and Garden, Temples, Churches and Mosques, Heritage Buildings and Monuments. Puducherry Tourism provides more detailed information in this regard.

## THE UNIVERSITY



**P**ondicherry University is a Central University established by an Act of Parliament in October 1985. It is an affiliating University with a jurisdiction spread over the Union Territory of Puducherry, Lakshwadeep and Andaman and Nicobar Islands.

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

The main campus is located in Kalapet, 10 km from the town of Puducherry in a serene and beautiful campus of 800 acres adjoining the scenic Bay of Bengal.

The University has also PG Centres at Karaikal and Port Blair. Karaikal Centre currently offers three PG programmes. Port Blair Centre offers two PG programmes and two Ph.D. programmes.

The university has entered into MoUs with a good number of reputed international institutions in India and abroad for collaboration and faculty development.

The salient features of the University include:

- ◆ Add-On Courses in all Schools
- ◆ Remedial coaching for weaker section students.
- ◆ Fee waiver for differently abled students.

In addition, the University Placement Cell has also MoU with reputed firms like TATA Consultancy Services Ltd. etc.



## QUALITY LIVING



### THE UNIVERSITY PROVIDES

- Tranquil and pleasant 800 acres of lush green campus
- WiFi enabled campus
- 90% Power back-up
- Gyms for boys and girls
- Rent-free hostels for women
- Hostel Mess subsidy to all hostel students whose annual parental income is less than Rs. 4.5 lakhs.
- Free transport between University and town
- Exclusive hostel for international students
- Free eco-friendly electric car shuttle within the campus
- Free transport between University and town
- Free electric wheel chair for physically challenged students at the mess and library
- 24 hours free emergency Medical facilities
- Sports Stadiums and facilities for various games like tennis, volley ball, etc. Indoor game facilities are available in the hostels
- Yoga Classes at subsidized rates

# COMMON FACILITIES

## LIBRARY

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

### Working hours

Library functions from 8.30 a.m. to 8.30 p.m. on week days and from 9.30 a.m. to 5.30 p.m. on week-ends. 8.30 a.m. to 10 p.m. during the period of examinations.

### Membership

Library has 4542 members comprising of faculty, students, research scholars and non-teaching staff. Besides these members, the Library also attracts a lot of scholars and visitors from other academic institutions and research organizations in search of information and research tools.

### Collection

The University Library collection is hybrid with its traditional information resources being gradually supplemented by the electronic resources. Book collection is over 1,58,014, Theses – 4,456 (Ph.D. – 593, M.Phil Dissertations – 3,863), print journals – 96, print journals (back volumes) – 8984, e-journals – 18,020, (12020 – Pondicherry University, 6000 – UGC INFONET Consortia) e-reference works and e-books – 6,345, e-databases – 145 – Pondicherry University, 9 – UGC INFONET Consortia) UN Documents – 2052 (special collection). A recent exclusive collection for competitive examinations is popularly sought after.

### Services

Parallel to the traditional library services, the automated Library presently facilitates value-added services. A library portal created recently facilitates Referral service, Citation analysis, Institutional Repository of research output (in process), Inter-library loan, Orientation programmes, Workshops, Conferences, Exhibitions, Information product presentations and free trials, Web 2.0 applications such as newsfeeds, e-alerts and open sources. Access to a digital library of e-reference works, e-books, e-databases, online tutorials and the OPAC (Online Public Access Catalogue) is also made available through the portal.

### UGC infonet Consortium service

Pondicherry University Library is a member of the UGC INFONET Digital Library Consortium and has access to about 6000+ e-journals and 9 e-databases. Access being IP based, e-resources are accessible in the University network.

Pondicherry University Library is identified as one of the 22 Document Delivery university libraries in India under the UGC INFONET Digital Library Consortium to cater to the journal article requests of all the universities in the country.

### U.N. Depository

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

### Infrastructure

An independent Library building with a beautiful inspiring ambience of greenery around, is focused in developing with technology. The spaces have been revamped and modernized with modular furniture, large number of computers to access e-resources with high speed bandwidth facility, comparable to any world class library. An additional new building with 50,000 sq. ft. is planned to offer 24 hour reading facility, a special section for the visually challenged, a children's library etc.

### Personnel

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

### Librarian

Dr. S. Samyuktha

## COMPUTER CENTRE

A full-fledged and well-equipped Computer Centre is available for the use of students, research scholars, faculty and non-teaching staff of the University. The Centre functions between 9.30 a.m. to 8.30 p.m. on all working days and from 9.30 a.m. to 5.30 p.m. on holidays.

### Academic

The staff of the Computer Centre offer regular theory, laboratory and project courses to students of the University, in particular to M.Tech.(Computer Science & Engg.)/M.Tech. (Network and Internet Engineering) / M.C.A./ M.Sc. (Computer Science) students of department of Computer Science. In addition, computer laboratory courses are offered to the PG students of Economics, Statistics, Tourism Studies, Banking Technology, etc.

### Apprenticeship Training

The Computer Centre conducts one year apprenticeship training programme to the ITI (COPA) students in PASSA trade as per the requirements of Ministry of Labor, Govt. of India since 2006. These trainees are given exposure to PC integration, troubleshooting, network maintenance, simple web development applications, etc. The Centre has completed 3 batches of Trainees successfully. These trainees are exposed to on the field training in the above cited areas.

### Integrated Communications Network

Integrated Communications Network providing data, voice and video (in future) services to the campus community is established. The campus is now Wi-Fi enabled thereby facilitating users to access online computing and allied services at their convenience on 24 x 7 basis.

The campus-wide computer network - Intranet links all buildings and therein the Schools/ Departments/ Centres/ Sections on the main campus of the University through Optic Fibre Cable

(OFC) backbone, high-speed CISCO switches and router. Faculty members, offices of the Deans, Department Heads, Administrative Officers, Library, Seminar Halls and class rooms in departments are connected to the intranet.

Currently, the services offered over the intranet platform are: internet, general computing, access to online data base - CMIE Prowess, and online journals both from University resources through Library and UGC-Infonet Consortia, CD database subscription, cataloguing, etc. A total of 17,474 online journals are provided. It is also proposed to connect, in near future, the off-campus centres/ units of the University to the intranet through Virtual Private Network.

### Voice Communications

Recently under the ICN project, for the first time, modern AVAYA IP phones were provided to faculty and departments in the new buildings through the same Optic Fibre Cable (OFC) backbone saving significant capital cost and a new digital exchange using AVAYA SIP servers was established.

### Internet

The internet access throughput was enhanced from 8 Mbps (1:2) to 32 (1:1) Mbps and the same is being provided by M/s. Bharat Sanchar Nigam Ltd, Puducherry to all users on the campus through the intranet on 24 x 7 basis.

The internet access is well utilized by the teaching/learning, research and administrative community of the University. It has also contributed to a

steady increase in the research output and enhanced the functioning of the administration.

### Web Services

The web server and e-mail server of the University are established and maintained on the campus by the Centre. On-line application facility is provided for admissions to various courses offered by the University. Online application for admission to MBA offered by Department of Management Studies has been developed by Centre for the academic year 2010-11. For the year 2009 -10, about 14,000 applications were received by online mode.

The centre also provides support to host the websites of Academic Staff College, Directorate of Culture, Directorate of Distance Education, etc. The University has half-a-dozen registered domain names and web servers, workstations and media servers.

### UGC- Infonet

2 Mbps UGC-Infonet link facilitates the campus users, through intranet, access to about 5000 e-journals and also internet services. This has given a boost to research activities on the campus. The University is already ranked as seventh highest user among the UGC-Infonet consortia members.

### In-house Training

In house training to administrative staff of the University is regularly provided to update them on essential ICT skills. Staff and research scholars and students were also trained on the usage of IP phones and Wi Fi access.



### Other Services

The Centre provides IT consultancy for identifying proper configuration of computer systems/ network systems/ web and email services to the University community as well to other government and non-government organizations. For the Pondicherry state e-governance project, assistance was provided for selection of consultants and empanelment of vendors/service providers. Also assisted Education Department, Govt. of Pondicherry for Information Communication Technology (ICT) project.

### Computer Systems

Sun Database Servers, Sun Application Servers and Sun Storege systems , Intel Quad Xeon Servers, Intel Pentium Servers and Intel Pentium Multimedia PCs running MS Windows/ Red Hat LINUX/ Sun Solaris operating environments are available.

### Peripherals

A variety of peripherals like Color Laser Printer/ Network Laser Printer/ Dot Matrix Printers/ Inkjet Printers/ Scanner/ DVD Writers/Web cameras are available.

### Software

The following software are available.  
MS Windows Platform  
MS Windows 2008 Enterprise Server/  
MS Windows 2003 Advanced Server,  
MS Windows Vista Business/ MS  
Windows XP Professional Client,  
MS Visual Basic, MS Access ,MS SQL  
Server, MS Office and MS Project.

Adobe - Acrobat Editor, Macromedia Suite (Director/ Flash/ Fireworks/ Dream weaver).

Statistical Package - SPSS 15.0 (Networked).

Antivirus Server - Symantec Antivirus Server.

Database Subscription- CMIE database subscription

### Solaris/ Linux Platform

Solaris 10.0/ 11.0, Oracle 10g Database, Oracle 10g Application , Oracle Internet Development Suite. Red Hat Enterprise Linux 5.0/4.0, Postgress SQL, C++, JAVA 1.1, Squid Proxy Server, Apache Web Server, Lynx, Star Office Suite. Network Management Cisco Workgroup for Windows, SNMPc., Cisco Network Assistant.

### Staff

1. Marie Stanislas Ashok , M.E., - Systems Manager & Head
2. K. Palanivel , M.Tech., - Systems Analyst
3. S. Kanagalingam, M.Sc.,M.C.A., MCSA, - Senior Technical Assistant
4. B. Rasan , M.C.A - Senior Technical Assistant
5. A. Balquisby, M.C.A – Computer Assistant



## CENTRAL INSTRUMENTATION FACILITY

This centre was established as University Science Instrumentation centre (USIC) in the year 1992 with the support of UGC. In the year 1997, it was absorbed as one of centres by the University, and named as Central Instrumentation Facility (CIF). CIF is one of the essential service units established with a mission to enrich the analytical resources on a shared basis for promoting R & D with the following objectives:

- ❖ To strengthen technological infrastructure to carry out advanced research in various science disciplines under one roof and make their services available to the academics.
- ❖ To provide guidance acquisition of data and train personnel in operation and maintenance of sophisticated Instruments.
- ❖ To organize short-term courses/workshops on the use and application of various spectroscopic and analytical techniques for students, teachers and personnel from our University and other affiliated Institutions

It is governed by the Management Advisory Committee consisting of Vice-Chancellor as Chairman, Deans of Science Schools, Heads of Science Departments, Outside Experts as members and Coordinator as the Head and Member-Secretary.

### Facilities:

#### I. Major Research

##### Equipments

(1) Vibrating Sample Magnetometer-  
 Make: Lake Shore, Model: 7404

(2) UV-VIS-NIR Spectrophotometer-  
 Make: Varian, Model: 5000

(3) Fourier Transform Infrared  
 Spectrometer-Make: ThermoNicolet  
 Model:6700

(4) Spectrofluorometer-  
 Make: Jobin Yvon,  
 Model:FLUOROLOG - FL3-11

(5) Scanning Electron Microscope-  
 Make: Hitachi, Model: S-3400N

(6) Planetary Monomill-  
 Make : Fristch,  
 Model : Pulverisette-7 (Monomill)

(7) Wave Length Dispersive X-Ray  
 Fluorescence Spectrometer.  
 Make: Bruker (WD-XRF)

(8) 400 Mhz Fourier Transform-Nuclear  
 Magnetic Resonance.  
 Make: Avance-II Bruker

(9) Thermal System (TGA-DTA / DSC)

(10)Gamma Ray Chamber: Dry Source  
 Storage Gamma Irradiator (category-1)

Atomic Energy Regulatory Board  
 (AERB), India

(11) Broadband Dielectric/ Impedance  
 Spectrometer - Make: Novacontrol;  
 Model: Concept 80

(12) High Performance Liquid  
 Chromatography - Make: Shimadzu;  
 Model: Prominace

#### II. Mechanical Shop

Mechanical shop, commissioned during March 1997, is equipped with necessary equipment and tools to take up all sorts of mechanical fabrication and repair and reconditioning works of mechanical structures and cabinets. Modification of existing assemblies, new designs and fabrication of mechanical components as desired by research students and faculty are also carried out.

**Machinery available:** Machining - 10' Heavy duty cone pulley Lathe, Universal Milling Machine, Bending - Manual machine for sheets up to 4 mm, Cutting - Power Hacksaw, manual shear, Welding – Electric Arc (200 A), Gas welding cylinders and Torches, Drilling - Vertical drilling up to 40mm dia, Grinding - Bench, Angle, Flexible grinders, Painting - Air Compressor, Tools and Accessories.

#### III. Glass blowing Shop

Glass blowing shop started functioning in August 1997 and offers support to research and academic laboratory works of science departments by repair of glass wares and fabrication of specialized glassware as required by student and faculty members of the University. Necessary tools and equipment for carrying out the glassware works are available and is augmented from time to time.

**Machinery available:** Table top Burners, Glass blower's Lathe, Grinding machine, Graduation table, Annealing Furnace, Strain viewer and Tools and Accessories.

#### IV. Electronic Shop

Electronic shop of the Centre is equipped with necessary Electronic Test & Measurement equipments and tools to undertake maintenance, repair and service works of all types of Electrical, electronics and audio-visual equipment instruments / equipment / appliances & teaching aid. Design and Fabrication Services of instrumentation modules required by students and faculty research work is also provided.

**Equipment available:** Several Test and measuring instruments, Standard



Oscilloscopes, 100 MHz Digital Storage Oscilloscope, Function Generators, Microprocessor & Microcontroller Trainer & Development kits, IC and Discrete Device Testers, LCR meter, LCZ meter, Nano-Voltmeter, Electrometer, Source cum Measure unit Keithley – 2182, 637, 238.

#### CIF Faculty/Officers:

**Dr. G. Govindaraj, M.Sc. Ph.D.**  
Coordinator & Professor of Physics, Condensed Matter Physics (Experiment and Theory)

**Er. P. Kasirajan, M.E., PGDCA**  
Technical Officer - II  
Microprocessor, Instrumentation system

**Er. S. Ramasamy, M.Tech., PGDDI**  
Technical Officer - I (SS)  
Electronics Design, Microcontroller based Instrumentation

**Er. P. Thillaimani, M.E., DCPCI**  
Technical Officer - I (SS)  
General Electronics, Analytical Instrumentation

### HEALTH CENTRE

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

### CANTEEN

Three canteens are available on the campus.

### POST OFFICE

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

### BANK

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

### TRANSPORT

The University offers free transport facilities to the students for commuting from the city to the Campus for attending classes. In-campus trips are operating for mobility of the students from one place to another. Cycles and Electric cars are also available for in-campus trips.



## INTERNATIONAL



### Admission of Foreign Students

Self-supporting foreign students who desire to study in the University may apply directly to the University for admission in the prescribed form for various courses except Ph.D. programmes. The foreign students may be required to appear for the written test and/or viva-voce in case they are already here in India at the time of the written examination. However, if they are abroad at the time of applying for admission, they are exempted from written test and viva-voce examination, if any. Those who have passed University degrees outside India should enclose with their application form, copies of the relevant certificates and mark sheets together with the English version of such documents duly attested, if they are in a different language. No foreign student will be admitted WITHOUT A STUDENT VISA. Proficiency in English is a condition for admission.

For admission to Ph.D. programmes the applicant should submit their application to the university with the details of proposed research. However the admission to the Ph.D. programme needs a valid research visa and approval of the research project by MHRD (Ministry of Human Resource Development).

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

Non-Resident Indians and foreigners residing/working abroad, who are otherwise qualified and working in academics/research/industry at

least for five year, are also exempted from entrance test but they shall give a seminar before the Admission Committee which shall evaluate and give its opinion about suitability of the candidate for admission to the PhD Part time (external) program.

### Semester in India Program

The University also offers Semester in India Program in which the students can study various courses available in the University on credit transfer basis. The students desirous to visit the University under the program must take an application at least six months in advance. For details and the application forms please visit the University website or send an email to [sipcoordinatorpu@gmail.com](mailto:sipcoordinatorpu@gmail.com)

## FINANCIAL ASSISTANCE

Fellowship/Scholarship offered by University:

### M.Phil. / Ph.D. UGC scholarship

All the full time scholars admitted to M.Phil and Ph.D. programmes of the University departments, will be eligible for a fellowship of Rs.3000/- p.m. & Rs. 5000/- p.m. respectively Ph.D. scholars are eligible for contingencies grants. (These scholarships shall not apply to students in the affiliated colleges).

### P.G. Scholarships

#### Merit Scholarship

(i) The candidate who secures the highest percentage of marks in P.G. admission entrance examination shall be eligible for the award of Merit Scholarship @ Rs.500/- p.m. for the 1st semester.

(ii) For the subsequent semesters the Merit scholarship at same rate of Rs.500/- p.m. shall be awarded to the candidates as noted here under.

(a) For the II semester who tops the class in the I semester exams. (b) For the III semester who tops the class in the II semester exams. (c) For the IV semester who tops the class in the III semester exams.

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

20% of the students in each P.G. degree programme are eligible for the award of MCM Scholarship of the University. The scholarship is based both on the merit in each semester and the parental income of the student. The annual income of the parents should not exceed Rs.1,10,000/- (Rupees one lakh ten thousand only). Amount of scholarship is Rs.500/- p.m. Period: one semester.

#### Freeships

20% of the students in each of the P.G. degree programme are eligible for the award of freeship. The first six students who join the P.G. programme in Hindi and Sanskrit are eligible for the award of freeship. The freeship

would cover tuition fee for one academic year based on the annual income of the parents which should not exceed Rs.1,10,000/- (rupees one lakh ten thousand only).

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

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

### Scholarship for M.Sc. Integrated students

All M.Sc. Integrated students will be awarded a scholarship of Rs. 750/- p.m. for the first three years of their studies.

Besides the eligibility criteria prescribed for the award of scholarship the candidates should also fulfill the following conditions:

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

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

(iii) in case, these conditions are violated the candidate shall not be eligible for scholarship and the next person in merit shall be considered for the scholarship.

(iv) the Head of the Department concerned shall certify in respect of conditions i to iii.

### Fellowship / Scholarship / offered by other agencies:

Junior Research Fellowship  
UGC / CSIR NET qualified JRFs are eligible to receive fellowships @ Rs. 12,000 p.m. for two years. This may be enhanced to Rs.14,000/- on completion of two years and subject to fulfilling certain conditions laid down by the UGC / CSIR. They are also eligible for a contingent grant of Rs.20,000/- per year. The award of fellowship and contingency grants are subject to approval by the UGC / CSIR.

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

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

### Government of India SC/ST Scholarship

The Governments of Tamil Nadu, Kerala, Andhra, Karnataka, Maharashtra, Union Territory of Puducherry provide Government of India Scholarship to the candidates belonging to the SC/ST communities.

### Rajiv Gandhi National Fellowship For SC/ST Students

The UGC has created Rajiv Gandhi National Fellowship for the SC/ST students of Ph.D./ M.Phil. Every year the UGC notifies the eligibility and the last date for applying the Rajiv Gandhi National Fellowship twice.

### Government of Puducherry Fellowship / Scholarship

#### Merit and Merit-cum-Means Scholarship

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

The Government of Puducherry provides two fellowships to the residents/ natives of Pondicherry @ Rs.800/- per month to two students admitted in the M.Sc. Biotechnology programme in the Department of Biotechnology.

### Madanjeet Singh Group Scholarship for M.A. South Asian Studies students

Full scholarships for 16 students of M.A. South Asian Studies - 2 for each SAARC country - covering travel, boarding, lodging and tuition fees.

## CBCS

### System of Instruction - Choice Based Credit System

#### SYSTEM OF INSTRUCTION

From the academic year 1992-93 onwards the University has introduced the Choice Based Credit System (CBCS).

Under this system the students have a good deal of freedom in designing their own curriculum to suit their needs.

The students can take any course offered in any department as long as they fulfill the prerequisites for that course.

The students can also take as many courses as they can handle subject to a maximum of 30 credits in any semester.

Each course is associated with a credit value and this accrues to the student when he / she successfully completes the course. To earn a master's degree, a student needs to score a minimum of 72 credits and should score 108 credits to earn the M.C.A./MBA degree and 192 credits to qualify for M.Sc. 5 years integrated programme.

Each programme will have a set of

courses that a student must complete to get the degree. These are called hardcore courses.

There is also another set of courses called soft core courses where limited choice is given and the student may choose from this restricted set. In addition to these, the student will be allowed a maximum of 12 credits for courses of his/ her choice from other departments and this is left completely to the student and his/ her faculty advisor.

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

To enable the students, the University will make available to each student a bulletin listing all the courses offered in that semester well in advance. The performance of the students is

indicated by letter grades based on relative grading as follows:

GRADE	POINT	DESCRIPTION
S	10	Excellent
A	9	Very Good
B	8	Good
C	7	Above Average
D	6	Average
E	4	Satisfactory
F	0	Failure
FA	0	Failure due to lack of attendance.

A student is deemed to have completed a course successfully and earned the appropriate credit if and only if he/ she receives a grade of E and above. The grades of F or FA denotes failure in the subject. Any subject successfully completed cannot be repeated at any time.

A student is expected to maintain minimum standards to be eligible to continue the course of study. Students may refer to the guidelines and regulations available in the University Library.

\* Since CBCS regulations are being revised, some changes in it may take place in near future.

## HOW TO APPLY

### Application form

#### BY POST

For Application Form and Information Brochure, write to *The Deputy Registrar (Academic II), Pondicherry University, R. V. Nagar, Kalapet, Puducherry 605 014.* along with a self addressed envelope of size 32cm x 25cm, stamped for Rs.90/-.

Request for application must be superscribed on the envelope "Request for application form for admission".

#### ONLINE

Application form can be submitted online through the University Website [www.pondiuni.edu.in](http://www.pondiuni.edu.in) Send the hard copy (in A4 size) along with

the original bank challan for the prescribed fee.

#### IN PERSON

The application forms can also be obtained from the Pondicherry University Staff Co-operative Credit Society at the University campus on payment of the cost of the application form plus Rs. 10/- as service charge.



## APPLICATION FEE

For all courses Rs.100/-, Rs. 50/- for SC/ST, Exempted for differently abled candidates - subject to submission of relevant certificates.

## Filling of application form

1. There are two application forms - One for PG/ PG Diploma courses and another for M.Phil./ Ph.D. programmes. Candidates should ensure that they use correct application form.
2. Due care should be taken in filling in the application form.
3. All columns should be filled correctly and unambiguously.
4. Write NA against columns that are not applicable.
5. Do not fold or staple the application form.
6. Fill in all columns with complete information after going through the prospectus. Incomplete/ false information will entail rejection of application.
7. Apply separately for each course.

8. Use only HB pencil for shading inside the ovals/ brackets. Write with black ball point pen inside the boxes.

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

10. Candidates who apply for M.Com. and MCA courses which are offered at Puducherry and Karaikal Centres of the University, should give their order of preference of centre of study at relevant column of the PG application form.

11. In the cases of subjects where both M.Phil and Ph.D Programmes are offered in the university, the candidates should give their option at relevant column of the M.Phil./ Ph.D. application form as to whether to be considered for admission to M.Phil. only or Ph.D. only or for both.

12. Candidates are free to apply for admission to as many courses as he/ she wishes after ensuring from the schedule for entrance examination that there is no clash in the dates of entrance exams of his/ her choice. For each course a separate application form has to be submitted with the required fee. The University assumes no responsibility for a candidate who has applied for subjects for

which examinations have been scheduled simultaneously. He/ she will be allowed to take up only one examination of his/her choice in the particular session even if he/she has applied for more than one course in the same session.

13. DO NOT send any enclosure along with the application form.

## Submission

Return the filled in application forms by Registered/ Speed Post or in Person to the Deputy Registrar (Academic-II), Pondicherry University, R.Venkataraman Nagar, Kalapet, Puducherry - 605 014 so as to reach him on or before 28.04.2010.

Superscribe the envelope as "Application for admission to ..... (Name of the course)"

Candidates applying for more than one course should send their applications in separate covers.

Incomplete applications and those received after the last date i.e. 28.04.2010 will be summarily rejected.

Retain a photocopy of the application and produce the same along with postal proof, in case of non-receipt of hall ticket.

## EXAMINATION CENTRES

The entrance examination for admission to each programme will be held as per the scheduled time table in the following centres provided sufficient number of candidates opt for the given centre. Please indicate the name of centre clearly in the application form.

Allahabad, Bangalore, Bhopal, Bhubaneshwar, Chandigarh, Chennai, Coimbatore, Goa, Guwahati, Hyderabad, Jammu, Jhalander,

Karaikal, Kochi, Kolkatta, Kozhikode, Lucknow, Madurai, Mangalore, Mumbai, Mysore, New Delhi, Patna, Port Blair (Andamans) , Puducherry,

Pune, Ranchi, Shillong, Srinagar, Tiruchirapalli, Thiruvananthapuram, Vijayawada, Visakhapatnam

## SELECTION PROCESS

The selection of candidates for admission to the P.G./M.Phil./Ph.D. programmes will be based on the marks obtained in the entrance examination only. The entrance examination will consist of 2 hours duration.

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

❖ The minimum cut off mark for general candidates in respect of Ph.D. and M.Phil. admission shall be half of the average of the entrance examination marks scored by all the candidate in the respective subject. The minimum cut of mark for OBC/SC/ST/Physically challenged candidates will be 10% below the cut off marks of the general category candidates.

❖ For the purpose of working out the average, only 'O' and above will be

taken into account, i.e. the negative marks, if any will not be counted for working out the average of the entrance examination.

❖ Mere appearance in the entrance examination does not entitle a candidate for admission to any course in this University and he/ she will be granted admission only if he/ she fulfils the eligibility criteria fixed for the courses. Even if a candidate is placed in the admission list based on his/ her performance in the entrance test but does not meet the eligibility criteria, he/ she will not be granted admission. Candidates are advised to take up the examination only if they satisfy the eligibility criteria. If the number of applications received is less than the prescribed intake, there will be no entrance test; admission will be granted based on the marks obtained in the qualifying examination.

❖ Admission granted will be cancelled at any time, if it is found that the information furnished by the

candidate is false or incorrect or if, at a later stage, it is found that the candidate does not fulfill the eligibility criteria prescribed for the course.

❖ The University is not responsible for any postal delay or non-receipt of hall-ticket/select card/ admission intimation, etc.

❖ Only selected candidates will be informed of their selection. The list will also be hosted on the University website.

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

❖ The University reserves the right to increase / decrease the intake of any of the programmes.

## RESERVATION

### SC/ST Candidates

In accordance with the policy of the Government of India and the guidelines of the University Grants Commission, the University has reserved 15% of seats in each course for candidates belonging to the scheduled castes and 7.5% for those belonging to the scheduled tribes with a provision for inter-changeability between these categories, wherever necessary. All SC/ST candidates who have passed the qualifying examination are eligible to apply

for admission irrespective of the percentage of marks obtained in the qualifying examination. Candidates should submit a certificate about their caste from a Revenue Officer not below the rank of the Tahsildar at the time admission.

### OBC Candidates

The Pondicherry University is implementing the reservation for OBC category as per Government of India instructions. The maximum cut-off marks for OBCs in the entrance

examination will be 10% below the cut-off marks of general category candidates. However, there is no relaxation in the eligibility criteria.

### Differently Abled Candidates

3% of seats in each course are reserved for the differently abled candidates. Each differently abled candidate shall be required to submit a certificate from a government hospital indicating the extent of

physical disability and also the extent to which the disability hampers the candidate in pursuing his/her studies. The candidates may have to undergo a fresh medical examination if required by the University before being admitted.

## Candidates from the Union Territory of Puducherry

25% of the seats are reserved for the Puducherry Union territory candidates with respect to M.B.A.(Tourism), M.Sc., (Ecology and Environmental Sciences), M.Sc. (Physics), M.Sc. Biochemistry & Molecular Biology, M.Sc (Computer Science), M.Sc.(Applied Geology), M.A.(Applied Economics), M.Tech. (Computer Science & Engineering), M.A. (Mass Communication), M.A. (South Asian Studies), Master of Library & Information Science, Master of Education, Master of Social Work, M.Tech. (Network & Internet Engineering), M.Tech. (Environmental Engineering & Management), M.Sc. (Applied Psychology), M.Sc. Electronic Media and M.Sc. (Food Science & Nutrition). In respect of MCA & M.Com. (Business Finance) which are offered at both Karaikal and Puducherry Centres the reservation will be as follows. Karaikal Centre: 25% for Karaikal residents failing which for students from other regions of Puducherry and Puducherry Campus: 25% for Puducherry, Mahe & Yanam residents, failing which for students from Karaikal.

Two Students hailing from the Union Territory of Puducherry shall be admitted to M.Sc. Biotechnology programme based on the merit list prepared by Jawaharlal Nehru University, New Delhi.

## Definition of Residence of Union Territory of Puducherry

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

(i) Those candidates or whose parents have been residing continuously in this Union Territory for at least the last five years as on 1-7-2010

(ii) Those who have passed the graduation or any higher public examination and for that purpose had undergone academic training.

(iii) Children of the spouse of Central/ State Government employees/ Defence personnel/ employees of Public Sector Undertakings wholly or substantially run either by the Central Government or by the Puducherry Administration posted in Puducherry at the time of admission or who have declared Union Territory of Puducherry as their home town and so certified by their respective Head of Office.

(iv) Children of Defence personnel who were killed or disabled in action and children of the Central

Government employees /Defence personnel / Employees of Public Sector Undertakings as referred to in category who died while in service in Puducherry.

(v) French nationals residing in the Union Territory of Puducherry and covered by the terms of the Treaty of Cessions shall be treated on a par with candidates who produce the prescribed Puducherry Union Territory Residence Certificate. Such French nationals will not be required to produce a residence certificate, but instead should produce a certificate of registration issued for this purpose from the French Consulate at Puducherry. These French nationals shall not be considered for admission under the quota of non-residents.

## Reservation to Wards of Kashmiri Migrants in Admissions Based on the Instructions of MHRD:

- (i) Extension in date of admission by about 30 days.
- (ii) Relaxation in cut-off percentage up to 10% subject to minimum eligibility requirement.
- (iii) Increase in intake capacity up to 5% course-wise.
- (iv) Reservation of at least one seat in merit quota in technical/ professional institutions.
- (v) Waiving of domicile requirements.
- (vi) Facilitation of migration in second and subsequent years.



# ADMISSION REQUIREMENTS

## Admission requirements for Ph.D. programmes

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

(a) Candidates who have studied under 10+2+3 pattern of education (or 10+2+5) and qualified for the Master's Degree in the subject concerned or in 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 securing a minimum of 55% marks (or equivalent grade).

(b) Candidates who have studied under 10+2 pattern of education and qualified for the Master's degree in the Schools/ 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 of this University or any other University, through regular full time study, recognized by this University securing a minimum of 55% marks (or equivalent grade).

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

(d) Candidates of Indian origin or overseas students who have qualified for a Master's Degree of an accredited

overseas university securing a minimum of 55% marks (or equivalent grade).

### 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 one year of continuous teaching experience at degree and/ or post-graduate level in the subject concerned.

(b) Teacher candidates teaching in Recognized Schools at the High School level situated within the jurisdiction of Pondicherry University and 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 10 years of work experience 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 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 standard journals in the subject concerned.

(d) Candidates under the regulations of part-time (Internal) shall be required to work in a department approved for research by this University while the Guide/ Supervisor may or may not be working in the same department. 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 taking any other remunerative assignments or joining any other course of study without the prior approval of the Chairperson of Academic Council.

### Requirement of Experience 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 two years of continuous teaching/ research experience.

(b) Employees with a minimum of ten years of experience 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 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 and educational qualifications as prescribed for Ph.D. full-time and Part-time programme, having sufficient exposure in research & development and generated useful data/ patent/ knowledge as evidenced by their contributions in their respective area of research.

(d) A candidate possessing a master's degree from an accredited overseas university and who is residing abroad or working abroad in a university/



industry may also apply. Such applications shall be routed through the concerned department and placed before the Ph.D. admission committee. There shall be sufficient correspondence between the candidate and the supervisor to effectively evaluate the candidate's potential and feasibility of supervision on the identified topic. A well written research proposal should be placed before the admission committee along with the consent of the supervisor.

(e) 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 mutual convenience of the candidate, the supervisor and the admission committee and held before the application along with 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.

(f) All the part-time internal as well as external candidates applying for admission to the Ph.D. program should submit at the time of interview, a clear written proposal of the research to be conducted, giving sufficient background material and the proposed line of research, and obtain the consent of a guide duly recognized by the University within the University area. 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. Mere possession of required educational and other qualifications alone can not be claimed as a right for admission to the Ph.D. programme in the Pondicherry University.

## Mode of Admission (Full-time and Part-time)

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

(b) The candidates seeking admission have to fill in the prescribed admission form and submit the same within the prescribed date specified in admission announcement.

(c) There shall be an entrance test for all the candidates, Full-time, Part-time internal, Part-time external, except those mentioned in para (d), (e), (f), (g), (h) & (i) below. The short-listed candidates have to appear for interview and/ or give a seminar or group discussion or any such method of evaluation as per the requirement by the Admission Committee/ University.

(d) Teacher candidates 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, under Quality Improvement Program or equivalent program to do full-time PhD are exempted from the admission test.

(e) The admission test is waived off for candidates who have qualified National Eligibility Test/ UGC/ CSIR or UGC Rajiv Gandhi Fellowship for SC/ ST or DBT-BINC or such other examination recognized by University as equivalent **and awarded a Junior Research Fellowship (JRF)**. These candidates could be admitted any time of the year, on the recommendation of the Admission Committee constituted by the Head of Department with the approval of the Dean of the concerned School. NET without JRF qualified candidates will have to take the entrance test.

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

(g) Pondicherry University teachers and teachers from affiliated colleges who have cleared NET Lecturership seeking admission to part-time PhD are exempted from the written admission test and are eligible to register immediately after completing probation in the University.

(h) Non-resident Indians and foreigners residing/working abroad, who are otherwise qualified and working in academics/research/industry at least for five year, are also exempted from entrance test but they shall give a seminar 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. 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.

(i) Persons with five years of industry experience, including in the field of media, who have a rich collection of data in their field and seeking admission to Ph.D. Part-time (external) are exempted from written entrance exam, but they have to give a seminar before the Admission Committee which shall evaluate and recommend on the suitability of the candidate for admission to the Chairperson, Academic Council. Such candidates, not exceeding two, could be registered at a time in a Department.

## Ph.D. Admission Requirements

Subject	Intake	Eligibility criteria for admission	Date & time of Entrance Examination
Anthropology	5	Master's degree in Anthropology/ Ecology/ Forensic Medicine/ Home Science/ Population Studies/ Sociology / Women's Studies / Humanities and Social Sciences or any other related discipline with a minimum of 55 % of marks	29.05.2010 2.00 to 4.00 p.m
Asian Christian Studies	3	M.A. degree in Christian studies from any University or its equivalent with a minimum of 55% of marks	29.05.2010 2.00 to 4.00 p.m
Banking Technology	8	M. B. A. (Banking Technology)/ M. B. A. (Finance/ Systems)/ M.Com. Business Finance/ PGDM of IIMs/ equivalent Management Degree with Banking/ Finance specializations/ M.E./ M.Tech. (Computer Science/ Information Technology)/ MCA / M.Sc. (Computer Science)/ M.Sc. (Information Technology)/ other professional degrees like C.A., ICWAI, ACS, CAIIB, etc. with a minimum of 55% of marks in all degrees	30.05.2010 10.00 to 12.00 noon
Commerce	10	Master's degree in Commerce with a minimum of 55% of marks	29.05.2010 10.00 to 12.00 noon
Drama & Theatre Arts	-	Master's degree in Drama & Theatre Arts or in Performing Arts or related subjects with a minimum of 55% of marks	-
Economics	8	Master's degree in Economics with a minimum of 55% of marks	29.05.2010 2.00 to 4.00 p.m
Education	16	M.Ed. (Elementary Education/ M.Ed. (Educational Technology)/ M.A. Education with B.Ed./ M.Sc.Education with B.Ed. with a minimum of 55% of marks	29.05.2010 10.00 am to 12.00 noon
English	8	Master's degree in English with a minimum of 55% of marks	29.05.2010 10.00 to 12.00 noon
French	6	Master's degree in English with a minimum of 55% of marks	29.05.2010 10.00 to 12.00 noon
Hindi	3	Master's degree in Hindi with a minimum of 55% of marks	29.05.2010 10.00 to 12.00 noon
History	2	Master degree in History/ Ancient History and Archeology/ Indian Culture or any degree in Social Sciences with History as a subsidiary subject with a minimum of 55% of marks	29.05.2010 10.00 to 12.00 noon

Subject	Intake	Eligibility criteria for admission	Date & time of Entrance Examination
International Business	2	MBA (International Business) MBA (Marketing, Finance, HR, Tourism, Systems), MIBA, M.Com., MCS (Master of Corporate Secretaryship), Master's degree in Foreign Trade, Economics, Industrial Management, and other relevant disciplines with a minimum of 55% of marks. Candidates with professional qualifications such as ICAI, ICSI and ICWAI may also be considered.	30.05.2010 2.00 to 4.00 p.m
Politics & International Studies	13	Master's degree in any discipline with a minimum of 55% of marks	29.05.2010 2.00 to 4.00 p.m
Management	26	Master's degree in Management, Commerce, Industrial Engineering, Industrial Management, Production Engineering, Foreign Trade, Operations Research, Statistics, Public Administration, Sociology, Social Work, Economics, Psychology, Tourism, Hospitality, Hospital Management, Business Administration, Mass Communication and other relevant disciplines with a minimum of 55% of marks. Candidates with affiliation to Examination Oriented Professional bodies such as ICAI, ICSI and ICWAI and any other relevant disciplines may also be considered.	29.05.2010 2.00 to 4.00 p.m
Philosophy	10	Master's degree in Philosophy with a minimum of 55% of marks	29.05.2010 2.00 to 4.00 p.m
Physical Education & Sports	1	Master's degree in Physical Education with a minimum of 55% of marks	29.05.2010 2.00 to 4.00 p.m
Sanskrit	10	Master's or Acharya degree in Sanskrit with a minimum of 55% of marks	29.05.2010 10.00 to 12.00 noon
Sociology	6	Master's degree in Sociology with a minimum of 55% of marks	29.05.2010 2.00 to 4.00 p.m
Social Exclusion and Inclusive Policies	3	Master's degree in Anthropology, Sociology, Social Work, Home Science, Economics and any other relevant discipline concerned with the subject of Inclusive Studies with a minimum of 55% of marks.	30.05.2010 2.00 to 4.00 p.m
Social Work	6	Master's degree in Social Work with a minimum of 55% of marks	30.05.2010 10.00 am to 12.00 noon
South Asian Studies	6	M.A. in Political Science/ International Relations/ South Asian Studies/ Economics/ History/ Sociology or related disciplines with minimum of 55% of marks	29.05.2010 10.00 to 12.00 noon
Tamil	7	Master's degree in Tamil with a minimum of 55% of marks	29.05.2010 2.00 to 4.00 p.m
Women's Studies	2	Master's degree in any discipline with a minimum of 55% of marks	29.05.2010 10.00 to 12.00 noon
Tourism	5	Master's degree with a minimum 55% of marks from the discipline of Tourism Management/ Economics/ Commerce/ Geography/ History/ Hotel Management/ Archeology/ Public Administration/ Anthropology OR holding the P.G. degrees like MBA (Tourism), MTA, MTM, MBA, MA (History), MA (Archeology), MA (Public Administration), MA (Tourism Administration) & MA (Anthropology)	29.05.2010 2.00 to 4.00 p.m

Subject	Intake	Eligibility criteria for admission	Date & time of Entrance Examination
Biotechnology	6	Master's degree in Agriculture/ Biochemistry/ Botany/ Microbiology/ Veterinary Science/ Zoology or in any other related areas with a minimum of 55% of marks	29.05.2010 2.00 to 4.00 p.m
Coastal Disaster Management	8	Master's degree in Geology/ Geography/ Geo-Physics/ Chemistry/ Physics/ Maths/ M.Tech./ ME with a minimum of 55% of Marks	29.05.2010 10.00 to 12.00 noon
Chemistry	6	Master's degree in Applied or Industrial Chemistry/ Biochemistry/ Biophysics/ Chemistry/ Chemical Sciences/ Material Science/ Pharmaceutical Chemistry/ any other related areas with a minimum of 55% of marks. In addition students should have Maths at +2 level. For 3 seats Maths at B.Sc. level is required.	30.05.2010 2.00 to 4.00 p.m
Earth Sciences	4	Master's degree in Geology/ Applied Geology/ Marine Geology with a minimum of 55% of marks. Specialisation available for this year's admission are Ore Geology (2), Isotope Geochemistry (1) and Paleontology (1).	30.05.2010 2.00 to 4.00 p.m
Ecology & Environmental Sciences	11	Master's degree in Ecology & Environmental Sciences or any related branch of Science or Technology with a minimum of 55% of marks	30.05.2010 2.00 to 4.00 p.m
Environmental Technology	8	Master's degree in Science/ Technology with a minimum of 55% of marks	29.05.2010 2.00 to 4.00 p.m
Biochemistry & Molecular Biology	8	Master's degree in Biochemistry/ Molecular Biology/ Biotechnology/ Microbiology or any other branch of Life Sciences with a minimum of 55% of marks.	29.05.2010 10.00 to 12.00 noon
Bioinformatics	9**	Master's degree in any relevant areas of Physics/ Chemistry/ Computer Science/ Life Sciences with a minimum of 55% of marks.	30.05.2010 10.00 to 12.00 noon
Computer Science & Engg.	6	M.Tech in Computer Science/ Computer Science and Engineering/ M.Tech in Electronics and /or Communication Engineering/ M.Tech. in Electrical Engineering with a minimum of 55% marks OR MCA/ M.S./ M.Sc. in Computer Science/ Information Technology/ Software Engineering or equivalent with a minimum of 55% marks and have passed JRF/NET/GATE examination or have put in a minimum of 5 years of relevant teaching/ industry experience	30.05.2010 2.00 to 4.00 p.m
Mathematics	5	Master's degree in Mathematics with a minimum of 55% of marks	30.05.2010 2.00 to 4.00 p.m
Physics	12	Master's degree in Physics/ Material Science and Technology with a minimum of 55% of marks	30.05.2010 2.00 to 4.00 p.m
Marine Biology (Port Blair, Andaman)	2	Master's degree in Marine Biology, Zoology, Botany, Biochemistry, Microbiology, Marine Biotechnology/ Physical Oceanography, Chemical Oceanography, Geological Oceanography, Fisheries Sciences or Life Science with at least 55% of marks	30.05.2010 10.00 to 12.00 noon
Statistics	4	Master's degree in Statistics with a minimum of 55% marks	29.05.2010 10.00 am to 12.00 noon

Subject	Intake	Eligibility criteria for admission	Date & time of Entrance Examination
Food Science & Nutrition	5	Master's degree in food and nutrition/ Food Technology/ Food Science and Quality Control/ Clinical Nutrition and Dietetics of Composite/ General Home Science/ Biochemistry/ Biotechnology/ Chemistry/ Microbiology/ Agriculture dairy or fisheries or any other allied science subjects under life sciences at B.Sc. and M.Sc. level with a minimum of 55% of marks	30.05.2010 10.00 am to 12.00 noon
Food Science & Technology	5	Master's degree in Food Science and Technology/Food Engineering/ Food Technology/ Food Process Engineering/ Agricultural Engineering/ Chemical Engineering/ Biotechnology/Industrial Biotechnology with a minimum of 55% of marks	30.05.2010 2.00 to 4.00 p.m
Electronic Media	6	Master's Degree with 55% marks in Electronic Media, Journalism, Mass Communication OR Master's Degree with 55% of marks in Applied Sciences, Computatinal Sciences, Engineering and Technology, Education, Sports, Agriculture, Medicine and Health Sciences	29.05.2010 10.00 am to 12.00 noon
Mass Communication	6	Master's Degree with 55% of marks in Mass Communication, Journalism, Electronic Media OR Any other subject of study with one year experience in Media and Communication related works	30.05.2010 10.00 am to 12.00 noon
Library & Information Science	5	Master's degree in Library and Information Science with a minimum of 55% marks	29.05.2010 10.00 am to 12.00 noon
Applied Psychology	6	Master's Degree in Psychology/ Applied Psychology with a minimum of 55% of marks	30.05.2010 10.00 am to 12.00 noon

\*\* Three candidates will be selected to work at IoB, Bangalore and two Candidates will be selected to work at Institute of Chemical Technology, Hyderabad

## Ph.D. Programmes offered in the Affiliated Colleges/ Institutions of Pondicherry University [Full-time and Part-time (Internal) only]

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

Subject*	Intake	Eligibility criteria for admission	Date & time of Entrance Examination
Zoology	12	Master's degree in Zoology/Physiology/Entomology /Life Sciences/ Parasitology/Genetics/any other related areas with a minimum of 55% of marks	30.05.2010 10.00 to 12.00 noon
Microbiology	4	Master's degree in Microbiology/Biotechnology/ Molecular Biology/ Immunology/Microbial tech. /any other related areas with a minimum of 55% of marks	30.05.2010 10.00 to 12.00 noon
Chemistry	4	Master's degree in Applied or Industrial Chemistry/ Biochemistry/ Bio-Physics/ Chemistry/Chemical Sciences/Material Science/ Pharmaceutical Chemistry/ any other related areas with a minimum of 55 % of marks. In addition students should have Maths at +2 level.	30.05.2010 2.00 to 4.00 p.m
* Candidate with CSIR/ICMR, etc. fellowships, candidates employed in research projects and permanent employees involved in research at VCRC alone are eligible.			

### Regional Medical Research Centre, Port Blair, Andaman & Nicobar Islands

Microbiology	6	Master's degree in the subject concerned or a Master's degree accepted as equivalent by the University with a minimum of 55 % of marks	30.05.2010 10.00 to 12.00 noon
Entomology	2	Master's degree in the subject concerned or a Master's degree accepted as equivalent by the University with a minimum of 55 % of marks	30.05.2010 2.00 to 4.00 p.m

### Kanchi Mamunivar Centre for Post-graduate Studies, Puducherry

Botany	5	Master's degree in the subject concerned or a Master's degree accepted as equivalent by the University with a minimum of 55 % of marks	30.05.2010 10.00 to 12.00 noon
Zoology	4	Master's degree in the subject concerned or a Master's degree accepted as equivalent by the University with a minimum of 55 % of marks	30.05.2010 10.00 to 12.00 noon
Physics	2	Master's degree in Physics/ Material Science and Technology with a minimum of 55 % of marks	30.05.2010 2.00 to 4.00 p.m
Chemistry	3	Master's degree in Applied or Industrial Chemistry/ Biochemistry/ Biophysics/ Chemistry/ Chemical Sciences/ Material Science/ Pharmaceutical Chemistry/ any other related areas with a minimum of 55 % of marks. In addition students should have Maths at +2 level.	30.05.2010 2.00 to 4.00 p.m
Tamil	9	Master's degree in Tamil with a minimum of 55% of marks	29.05.2010 2.00 to 4.00 p.m
Commerce	4	Master's degree in Commerce with a minimum of 55% of marks	29.05.2010 10.00 to 12.00 noon

Pondicherry Engineering College, Puducherry

Subject	Intake	Eligibility criteria for admission	Date & time of Entrance Examination
Electronics & Communication Engg.	10	M.E./ M.Tech degree in ECE/ Electronics Communication/ Other related specializations in Electronics and Communications Engineering with an overall minimum aggregate of 55% of marks or equivalent	30.05.2010 10.00 to 12.00 noon
Computer Science & Engineering	8	M.Tech. in Computer Science/ Computer Science & Engineering Science and Engineering/ M.Tech. in Electronics and / or Communication Engineering./ M.Tech. in Electrical Engineering with a minimum of 55 % marks. Or MCA/MS/M.Sc. in Computer Science/ Information Technology/Software Engineering or equivalent with a minimum of 55 % of marks and have passed JRF/NET/GATE examination or have put in a minimum of 5 years of relevant teaching/ industry experience.	30.05.2010 2.00 to 4.00 p.m
Mechanical Engg.	37	Master's degree in the subject concerned or a Master's degree accepted as equivalent by the University with a minimum of 55 % of marks	30.05.2010 10.00 to 12.00 noon
Civil Engineering	25	(a) M.E./ M.Tech. degree in Civil Engineering with a minimum of 55% of marks or equivalent with specialization in: i) Structural Engineering ii) Geotechnical Engineering iii) Hydraulic & water Resource Engineering irrigation water Management / Ocean Engg. iv) Transportation Engineering v) Advanced surveying and Photogrammetry vi) Environmental Engineering / Environmental Technology / Environmental Management / Advanced Construction Technology. vii) Geo informatics viii) Urban Engineering / Town & Country planning  (b) M.E. / M.Tech. degree in any branch of Engg. with a minimum of 55% or equivalent with specialization in: Energy Technology / Environmental Bio - Technology / Bio-Technology / Bio-Chemical Engg./ Industrial Biotechnology	30.05.2010 10.00 to 12.00 noon
Mathematics	44	Master's degree in Mathematics with a minimum of 55 % of marks	30.05.2010 2.00 to 4.00 p.m
Physics	4	Master's degree in Physics/ Material Science and Technology with a minimum of 55 % of marks	30.05.2010 2.00 to 4.00 p.m
Chemistry	3	Master's degree in Applied or Industrial Chemistry/ Biochemistry/ Biophysics/ Chemistry/Chemical Sciences/Material Science/ Pharmaceutical Chemistry/ any other related areas with a minimum of 55 % of marks. In addition students should have Maths at +2 level.	30.05.2010 2.00 to 4.00 p.m
Electrical and Electronics Engg.	50	Master's degree in the subject concerned or a degree accepted as equivalent by the University with a minimum of 55% of marks	30.05.2010 2.00 to 4.00 p.m



## Dr. Ambedkar Govt. Law College, Puducherry

Law	10	Master's degree in Law with a minimum of 55 % marks	30.05.2010 2.00 to 4.00 p.m
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The name of faculty members recognised to guide Ph.D. research in the affiliated institutions are given in pages 147-150.

### Note:

- (1) Candidates, while applying for the Ph.D. programmes offered in the affiliated institutions, should mention the name of the institution in the appropriate column of the application without fail.
- (2) In respect of Ph.D. subjects (e.g. Chemistry, Physics, etc.) which are offered both in the University Departments and in the affiliated institution(s), the candidates should appear for a common entrance examination.
- (3) The intake for Ph.D. programmes are subject to change based on the availability of vacancies with the concerned supervisors.

## M.Phil. Admission Requirements

Subject	Intake	Eligibility criteria for admission	Date & time of Entrance Examination
Anthropology	15	Master's degree in Anthropology with a minimum of 50 % of marks	29.05.2010 2.00 to 4.00 p.m
Asian Christian Studies	9	Master's degree in any discipline from any University in India or abroad or any Pontifical Institution in India or abroad with a minimum of 50% of marks	29.05.2010 2.00 to 4.00 p.m
Commerce	31	Master's degree in Commerce with a minimum of 50% of marks	29.05.2010 10.00 to 12.00 noon
Drama & Theatre Arts	15	Master's degree in Drama & Theatre Arts or in Performing Arts or related subjects with a minimum of 50% of marks	29.05.2010 2.00 to 4.00 p.m
Economics	25	Master's degree in Economics with a minimum of 50% of marks	29.05.2010 2.00 to 4.00 p.m
English	23	Master's degree in English with a minimum of 50% of marks	29.05.2010 10.00 to 12.00 noon
French	23	Master's degree in French with a minimum of 50% of marks	29.05.2010 10.00 to 12.00 noon
Hindi	9	Master's degree in Hindi with a minimum of 50% of marks	29.05.2010 10.00 to 12.00 noon
History	15	Master's degree in History/ Ancient History and Archeology/ Indian Culture or any degree in Social Sciences with History as allied subject with a minimum of 50% of marks	29.05.2010 10.00 to 12.00 noon



Subject	Intake	Eligibility criteria for admission	Date & time of Entrance Examination
Politics & International Studies	23	Master's degree in any discipline with a minimum of 50% of marks	29.05.2010 2.00 to 4.00 p.m
Philosophy	23	Master's degree in Philosophy with a minimum of 50% of marks	29.05.2010 2.00 to 4.00 p.m
Physical Education & Sports	23	Master's degree in Physical Education with a minimum of 50% of marks	29.05.2010 2.00 to 4.00 p.m
Sanskrit	15	Master's degree in Sanskrit with a minimum of 50% of marks	29.05.2010 10.00 to 12.00 noon
Sociology	15	Master's degree in Sociology with a minimum of 50% of marks	29.05.2010 2.00 to 4.00 p.m
Social Work	12	Master's degree in Social Work with a minimum of 50% of marks	30.05.2010 10.00 to 12.00 noon
Social Exclusion and Inclusive Policies	12	Master's degree in Sociology, Anthropology, Social work, Home Science, Economics and any other relevant disciplines concerned with the subjects of Inclusive Studies with a minimum of 50% of marks	30.05.2010 2.00 to 4.00 p.m
Tamil	40	Master's degree in Tamil with a minimum of 50% of marks	29.05.2010 2.00 to 4.00 p.m
Tamil (Modern Literature)	12	Master's degree in Tamil with a minimum of 50% of marks	29.05.2010 10.00 to 12.00 noon
Tamil (Religious Literature)	12	Master's degree in Tamil with a minimum of 50% of marks	30.05.2010 10.00 to 12.00 noon
Women's Studies	15	Master's degree in any discipline with a minimum of 50% of marks	29.05.2010 10.00 to 12.00 noon
Chemistry	6	Master's degree in Chemistry/ Chemical Sciences and any other related areas with a minimum of 55% of marks in addition students should have Maths at +2 level	30.05.2010 2.00 to 4.00 p.m
Environmental Technology	9	Master's degree in Science / Technology with a minimum of 55% of marks	29.05.2010 2.00 to 4.00 p.m
Mathematics	12	Master's degree in Mathematics with a minimum of 55% of marks	30.05.2010 2.00 to 4.00 p.m
Physics	23	Master's degree in Physics with a minimum of 55% of marks	30.05.2010 2.00 to 4.00 p.m

## Post Graduate Courses

Title of P.G. course and Subject		Intake	Eligibility criteria for admission	Date & time of Entrance Examination
M.A.	Anthropology	31	Bachelor's degree in any discipline with a minimum of 50 % of marks	29.05.2010 10.00 to 12.00 noon
M.A.	Applied Economics	62	Bachelor's degree in Economics (with Quantitative Techniques / Statistics) or Bachelors degree in Mathematics/ Statistics/ Operations Research with a minimum of 50% of marks	29.05.2010 10.00 to 12.00 noon
M.Com.	Business Finance	62 (Puducherry) 31 (Karikal)	Bachelor's degree in Commerce/ Foreign Trade/ Corporate Secretaryship/ B.B.A./ B.C.M./ B.A Co-op./ B.Com. (Edn.)/ B.Com.(Vocational) with a minimum of 50% of marks	29.05.2010 2.00 to 4.00 p.m
M.P.A.	Master of Performing Arts (Theatre Arts)	31	Bachelor's degree in any discipline with a minimum of 50 % of marks	30.05.2010 10.00 to 12.00 noon
M.A.	English & Comparative Literature	62	Bachelor's degree in English with a minimum of 50% of marks in part III or a high second class in any Indian Language and English under part I or Part II in the Bachelor's degree.	29.05.2010 10.00 to 12.00 noon
M.A.	French (Translation & Interpretation)	54	Bachelor's degree in French with a minimum of 50% of marks in part-III or any degree (other than French) with a minimum of 50% of marks in part III with 55 % of marks in French under part I or II (in the 1st and 2nd year aggregate)	29.05.2010 10.00 to 12.00 noon
M.A.	Hindi	15	Bachelor's degree in Hindi with a minimum of 50% of marks or any degree with Hindi as a subject of study under part I or II or Praveen degree obtained from Dakshin Bharat Hindi Prachar Sabha	29.05.2010 10.00 to 12.00 noon
M.A.	History	46	Bachelor's degree in History or in any discipline with a minimum of 50% of marks.	29.05.2010 10.00 to 12.00 noon
M.A.	Mass Communication	34	Bachelor's degree in any discipline with a minimum of 55 % of marks	30.05.2010 10.00 to 12.00 noon
M.A.	Politics and International Relations	46	Bachelor's degree in any discipline with a minimum of 50 % of marks	29.05.2010 10.00 to 12.00 noon
M.A.	Philosophy	31	Bachelor's degree in any discipline with a minimum of 50 % of marks	29.05.2010 10.00 to 12.00 noon
M.A.	Sanskrit	15	Bachelor's degree in Sanskrit with a minimum of 50% of marks or Sanskrit as a subject under part I or II/ minor / optional in the bachelor's degree or traditional degree (Sastry)/Sironmani/ Vidya Praveena	29.05.2010 10.00 to 12.00 noon

Title of P.G. course and Subject		Intake	Eligibility criteria for admission	Date & time of Entrance Examination
M.A.	Sociology	23	Bachelor's degree in any discipline with a minimum of 50% of marks	29.05.2010 2.00 to 4.00 p.m
M.A.	South Asian Studies	40	Bachelor's degree in any discipline with a minimum of 50 % of marks	29.05.2010 2.00 to 4.00 p.m
M.A.	Tamil	54	Bachelor's degree in Tamil/ B.Litt. with a minimum of 55% of marks or any Bachelor's degree (other than Tamil) having Tamil under part I with a minimum of 55% of marks	29.05.2010 10.00 to 12.00 noon
M.B.A.*	Business Administration	92	Bachelor's degree in any discipline with a minimum of 50 % of marks	-
M.B.A.	Tourism	62	Bachelor's degree in any discipline with a minimum of 50 % of marks	30.05.2010 10.00 to 12.00 noon
M.B.A.	International Business	62	Bachelor's degree in any discipline with a minimum of 50 % of marks	29.05.2010 10.00 to 12.00 noon
M.B.A.	Insurance (Karaikal)	30	Graduates must be (10+2+3/4/5 pattern) with a minimum average of 50% marks (in Part III in case of arts, science, commerce, humanities etc. degrees and in case of other professional degrees like engineering in the applicable years of graduation). The graduation can be in any diecipline, but from a recognized university from India or abroad.	29.05.2010 2.00 to 4.00 p.m
M.B.A.	Banking Technology	46 (5 spon)	Bachelor's degree in Engineering (Computer Science & Engineering/ I nformation Technology) or Bachelor's degree in Computer Science/ Information Technology or Bachelor's of Computer Applications or Bachelor's Engineering degree in ECE, Electrical and Electronics Engineering, Electronics and Instrumentation, Instrumentation and Control Engineering or B.Com. (Computer Applications) of any other bachelor's degree with PGDCA (only from recognized universities) with a minimum of 55% marks in all degrees/ diploma	30.05.2010 2.00 to 4.00 p.m

\* The admission is already under process



Title of P.G. course and Subject		Intake	Eligibility criteria for admission		Date & time of Entrance Examination								
M.P.Ed.	Physical Education	62	<p>(i) Bachelor of Physical Education (B.P.Ed.) or Bachelor of Physical Education (B.P.E. 3 years) with a minimum of 50% of marks (ii) should have represented the District/ College and participated in inter district/ inter collegiate tournaments/ competitions in any one of the games or sports. (iii) should be medically fit (iv) Physically challenged candidates are not eligible to apply.</p> <p>(a) Physical fitness tests: Maximum: 30 marks (10 marks for each event)</p> <table border="0"> <tr> <td style="text-align: center;">Men</td> <td style="text-align: center;">Women</td> </tr> <tr> <td style="text-align: center;">100 meters</td> <td style="text-align: center;">100 meters</td> </tr> <tr> <td style="text-align: center;">Shot-put (16 lbs)</td> <td style="text-align: center;">Shot-put (8 lbs)</td> </tr> <tr> <td style="text-align: center;">12 minutes run/ walk</td> <td style="text-align: center;">8 minutes run/ walk</td> </tr> </table> <p>(b) Games Proficiency Test in any one of the following games: Badminton, Basketball, Cricket, Football, Handball, Hockey, Kabaddi, Kho-Kho and Volleyball. Maximum: 20 marks.</p> <p>(c) Entrance examination: 50 marks.</p>		Men	Women	100 meters	100 meters	Shot-put (16 lbs)	Shot-put (8 lbs)	12 minutes run/ walk	8 minutes run/ walk	29.05.2010 10.00 to 12.00 noon
Men	Women												
100 meters	100 meters												
Shot-put (16 lbs)	Shot-put (8 lbs)												
12 minutes run/ walk	8 minutes run/ walk												
M.L.I.S	Master of Library and Information Science	31	Any degree with a minimum of 50 % of marks		29.05.2010 10.00 to 12.00 noon								
M.Ed.	Master of Education	40	B.Ed. degree / Four year Integrated B.A. Ed./ B.Sc. B.Ed. / B.Com. Ed. of recognised universities with a minimum of 50% of marks		30.05.2010 10.00 to 12.00 noon								
M.S.W.	Master of Social Work	40	Bachelor's degree in any discipline with a minimum of 50 % of marks		30.05.2010 10.00 to 12.00 noon								



Title of P.G. course and Subject		Intake	Eligibility criteria for admission	Date & time of Entrance Examination
M.Sc.	Applied Geology	23	Bachelor's degree in Geology as the major subject and any two out of the following - Mathematics, Physics, Chemistry, Biology as ancillary subjects with a minimum of 55% of marks	30.05.2010 10.00 to 12.00 noon
M.Sc.	Marine Biology (at Port Blair)	46	Bachelor's degree in Microbiology/ Biotechnology/ Genetics/ Marine Biology/ Fishery Biology/ Botany / Zoology with a minimum of 55% of marks	29.05.2010 10.00 to 12.00 noon
M.Sc.	Biotechnology*	18 +2 +12	Bachelor's degree in Agriculture/ Biochemistry/Botany/Microbiology/ Veterinary Science/ Zoology or in other related areas with a minimum of 55% of marks	30.05.2010 10.00 to 12.00 noon
M.Sc.	Bioinformatics	31	Bachelor's degree in any relevant area of Physics/ Chemistry/ Computer Science/ Life Science/ with a minimum of 55% of marks	29.05.2010 2.00 to 4.00 p.m
M.Sc.	Computational Biology ++	10	Bachelor's degree in any relevant area of Physical/ Chemical/ Life Sciences/ Mathematics/ Computer Science/ Bachelor of Engineering/ M.B.B.S. with evidence of Maths at +2 level with minimum of 55% of marks	-
M.Sc.	Chemical Sciences	46	Bachelor's degree in Chemistry (Main) or with Chemistry as one of the major subjects with a minimum of 55% of marks and Mathematics at plus two level	29.05.2010 2.00 to 4.00 p.m
M.C.A.	Computer Applications	46 (Puducherry) 31 (Karikal)	Bachelor's degree in Computer Applications/ Computer Science/ Information Technology or Bachelor's degree in Commerce/ Corporate Secretaryship/ Economics / Business Administration with Mathematics/ Business Mathematics / Statistics /Computer Applications as one of the subjects or Bachelor's degree in Science with Mathematics/ Statistics as one of the subjects with a minimum of 55% marks	30.05.2010 10.00 to 12.00 noon
M.Sc.	Computer Science	46	Bachelor's degree in Computer Science/ Technology/ Applications with a minimum of 55% of marks	30.05.2010 2.00 to 4.00 p.m
M.Tech.	Computer Science & Engineering	24	B.Tech./ B.E. in Computer Science and Engineering Engineering/ Information Technology or M.Sc. in Computer Science/InformationTechnology/ Software Engineering or MCA with Bachelor's degree in Computer Science/ Computer Applications/ Mathematics/Statistics/ Physics/ Electronics/ Applied Sciences with a minimum of 55% of marks	29.05.2010 2.00 to 4.00 p.m
M.Tech.	Environmental Engineering & Management	15	B.Tech. / B.E. degree with a minimum of 55% of marks. OR M.Sc. in Physics/Chemistry /Mathematics/ Life / Environmental Sciences with a minimum of 55% of marks	30.05.2010 10.00 to 12.00 noon
* Selection will be made based on the merit list drawn by JNU, New Delhi from the all India common entrance test conducted for this programme. Pondicherry University will conduct entrance examination only for 12 seats which are self financing scheme and the selected candidates for these 12 seats will have to pay a sum of Rs. 1 Lakh (p.a.) apart from other fees.				
++ Admission will be based on All India Joint Entrance Examination to be conducted at various centres by DBT. The details will be advertised in newspapers and will be available at <a href="http://www.pondiuni.edu.in">www.pondiuni.edu.in</a> and <a href="http://www.bicpu.edu.in">www.bicpu.edu.in</a>				



Title of P.G. course and Subject		Intake	Eligibility criteria for admission	Date & time of Entrance Examination
M.Tech.	Network & Internet Engineering	24	B.Tech. / B.E. in Computer Science and Engineering / Information Technology / Engineering Electronics & Communication Engineering / Electrical and Electronics Engineering / Electronics & Instrumentation Engineering with a minimum of 55% of marks OR M.Sc., in Computer Science / Information Technology / Software Engineering with a minimum of 55% of marks OR MCA with Bachelor's degree in Computer Science / Computer Applications / Mathematics / Statistics / Physics / Electronics / Applied Science with a minimum of 55% of marks in each degree	29.05.2010 10.00 to 12.00 noon
M.Tech.	Exploration Geosciences	8	Master's degree in Geology/ Applied Geology, Marine Geology with a minimum of 55% of marks	29.05.2010 2.00 to 4.00 p.m
M.Tech.	Electronics	18	B.E./ B.Tech. in EEE, ECE, E&I, M.Sc. Electronic Science, Physics with Electronics/ Material Science with Electronics/ Solid State Technology with Electronics with a minimum of 55% of marks	30.05.2010 10.00 to 12.00 noon
M.Tech.	Nano Sciences & Technology	18	M.Sc. Physics/ Applied Physics/ Electronics/ Information Technology/ Material Science/ Chemistry; B.E./ B.Tech. (Electronics/ Electrical/ Computer Science/ Information technology/ Instrumentation/ Mechanical/ Metallurgy and Material Engineering/ Civil/ Biomedical/ Biotechnology/ Chemical Engineering or Technology/ Engineering Physics). Minimum 55% aggregate marks in qualifying examinations. Those who apply with M.Sc. background should have Mathematics in under graduate level	29.05.2010 10.00 to 12.00 noon
M.Tech.	Green Energy Technology	18	B.E./ B.Tech (any branch)/ M.Sc. (Material Science, Physics, Computer Science, Chemistry (any specialization)) with a minimum of 55% of marks	29.05.2010 2.00 to 4.00 p.m
M.Sc.	Applied Psychology	40	Bachelor's degree in any discipline with a minimum of 55 % of marks	30.05.2010 10.00 to 12.00 noon
M.Sc.	Coastal Disaster Management (at Port Blair)	31	Bachelor's degree in any discipline in Science/ B.A. Geography/ B.E. Civil Engineering / Electrical and Electronics Engineering with a minimum of 55% of marks	29.05.2010 2.00 to 4.00 p.m
M.Sc.	Ecology & Environmental Sciences	46	Bachelor's degree in any discipline, i.e. in Science, Arts, Humanities, Technology, etc. with a minimum of 55% of marks and working knowledge of Mathematics and Science subjects at higher secondary level	30.05.2010 10.00 to 12.00 noon
M.Sc.	Electronic Media	34	Bachelor's degree with Journalism / Business Management / Physics/ Electronics/ Computer Science/Mathematics/ Statistics/ Visual Communication as one of the subjects with a minimum of 55% of marks OR Bachelor's Degree with a minimum of 55% of marks and having one year diploma in Computer Applications or one year working experience in video production in a recognised organisation	29.05.2010 10.00 to 12.00 noon

Title of P.G. course and Subjec		Intake	Eligibility criteria for admission	Date & time of Entrance Examination
M.Sc.	Food Science and Nutrition	31	Candidates should have completed 10+2+3 with food and Nutrition/ Food Technology/ Food Science and Quality Control/ Clinical Nutrition and Dietetics or Composite/ General Home Science/ Biochemistry/ Biotechnology/ Zoology/ Chemistry/ Botany/ Microbiology/ Agriculture dairy or fisheries or any other allied science subjects under life sciences at B.Sc. level with a minimum of 55% of marks	30.05.2010 2.00 to 4.00 p.m
M.Sc.	Food Science and Technology	12	B.Sc./ B.Tech in Agriculture/ Home Science, Food Science and Nutrition, Food Science and Quality Control, Clinical Nutrition, Biochemistry, Biotechnology, Microbiology and other life science related subjects. <b>Maths at +2/ PUC level is compulsory</b>	29.05.2010 2.00 to 4.00 p.m
M.Sc.	Biochemistry & Molecular Biology	46	Bachelor's degree in Biochemistry/ B.Sc. (M.L.T.)/ Chemistry/ Botany/ Zoology/ Biotechnology / Microbiology or any other branch of Life Sciences with a minimum of 55% of marks	29.05.2010 10.00 to 12.00 noon
M.Sc.	Microbiology	15	Bachelor's degree in Microbiology/ Biochemistry/ B.Sc. (M.L.T.)/ Chemistry/ Botany/ Zoology/ Biotechnology or any other branch of Life Sciences with a minimum of 55% of marks	30.05.2010 2.00 to 4.00 p.m
M.Sc.	Mathematics	62	Bachelor's degree in Mathematics with a minimum of 55% of marks	30.05.2010 2.00 to 4.00 p.m
M.Sc.	Physics	55	Bachelor's degree in Physics with a minimum of 55% of marks	30.05.2010 2.00 to 4.00 p.m
M.Sc.	Statistics	46	Bachelor's degree in Statistics or Mathematics with Statistics as a allied subject with a minimum of 55% of marks	29.05.2010 10.00 to 12.00 noon

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

M.Sc.	Applied Geology	31	Pass in +2 with 50% of marks and should have studied Physics, Chemistry and Mathematics	Entrance Exam will be common 29.05.2010 10.00 to 12.00 noon
M.Sc.	Chemistry	31	Pass in +2 with 50% of marks and should have studied Physics, Chemistry and Mathematics	
M.Sc.	Physics	31	Pass in +2 with 50% of marks and should have studied Physics, Chemistry and Mathematics	

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

M.Sc.	Mathematics	16	Pass in +2 with a minimum of 50% of marks with Mathematics, Physics and Chemistry as subjects of study (Candidates with other branches in +2 are not eligible for this programme)	Entrance Exam will be common 29.05.2010 2.00 to 4.00 p.m
M.Sc.	Computer Science	16		
M.Sc.	Statistics	16		

## Five Year Integrated M.Sc. Programme for +2 Students in the School of Management

Title of P.G. course and Subject		Intake	Eligibility criteria for admission	Date & time of Entrance Examination
M.Sc.	Economics	30	Pass in +2 with a minimum of 50% of marks and should have studied Economics, Mathematics, Commerce, Statistics or Computer Science	30.05.2010 10.00 to 12.00 noon

### P.G. Diploma Courses

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

Post graduate Diploma in Asian Christian Studies	46	Bachelor's degree in any discipline from any University in India or abroad or any Pontifical Institution in India or abroad with a minimum of 50% of marks	30.05.2010 10.00 to 12.00 noon
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*Unless otherwise specifically stated, candidates should have secured a minimum of 50% of marks in part III (core and allied) of their U.G. degree examination for admission to courses under Humanities and Social Science subjects and a minimum 55% of marks in part III (core and allied) of their U.G. degree for admission to courses under science disciplines. For the Five Year Integrated Programmes, the candidates should have passed the +2 examination with at least 50% marks. Eligibility marks will not be rounded off. For example 49.99% will not be rounded off to 50% for the purpose of admission.*

## General Conditions of Admission

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

❖ Unless otherwise stated, students should have, in general, obtained the Bachelor's degree/ Master's degree from a recognised University under 10+2+3 / 10+2+3+2 system, i.e., the candidate should have studied for 15 years to obtain his/her/ bachelor's degree and 17 years to obtain his/ her Master's degree to apply for admission to P.G. and M.Phil. / Ph.D. programmes respectively offered at each School/ Department / Centre.

❖ The minimum eligibility criteria for different courses are as prescribed in the appropriate sections. Candidates qualified through other system of

studies should obtain eligibility certificate from the University before admission.

❖ Candidates awaiting their results are also eligible to apply. Such candidates, however, must produce the mark sheet / degree certificate as the proof of fulfilling the prescribed eligibility criteria on or before 1st September 2010 failing which provisional admission, if granted, will be cancelled.

### Criteria for Resolving Tie in the Entrance Exam Marks

The tie in entrance marks shall be resolved by applying the following criteria one after the other, till it is resolved:

- (a) **First Criterion:** The candidates with more positive marks in the entrance examination  
 (b) **Second Criterion:** The candidates with less negative marks in the entrance examination.

(c) **Third Criterion:** Date of Birth (elder be placed on the top)

❖ All admissions are provisional, subject to verification of required documents, as per prescribed norms.  
 ❖ Any course (M.Phil., P.G. degree and, P. G. Diploma) may not be offered if sufficient number (at least 5) of students are not available.

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

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

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

## FEES

Details of fees payable by the candidates selected for admission and remittance under various heads in the Indian Bank University Branch are as follows:

Name of the fund/fee	Account No.
University Development Fund .....	413264251
Group Medical Insurance .....	845872540
*Student Welfare Fund *Alumini Association Fund *Caution Deposit *Library Fund *Laboratory Fund/Computer Lab Fund *Industry Interface Fund *Internet Fund *Academic inf. Devpt. Fund *Special Academic & Placement Fund .....	413264171
All the other fees .....	413264148

### Fee Table:1 - Ph.D. Programmes

Sl. No	Item	Ph.D. (all figures in Indian Rupees)		Account No
		Full-Time & Part-Time Internal	Part-Time External	
1	Research Fee: (p.s.)	1000 (Humanities) 1200 (Sciences)	2000 2400	413264148
	For Foreign national (p.s.):			
	SAARC / Developing Countries	US \$250	US \$250	
	South-East Asian Countries	US \$500	US \$500	
Others	US \$750	US \$750		
2	Registration Fee	100	100	
3	Matriculation Fee	50	50	
4	Recognition Fee:			
	For degrees from Indian universities For degrees from foreign universities	200 500	200 500	
5	Identity Card Fee	25	25	
6	Sports Fee (p.a.)	100	100	
7	Medical Examination Fee (p.a.)	50	50	
8	Library Fund (p.s.)	600	600	
9	Laboratory Fee	500	500	
	Science Courses having laboratories(p.s.)			
10	Internet Fund (p.s.)	250	250	
11	Students' Welfare Fund (p.a.)	100	100	
12	Alumini Association Fund (to be paid before submission of thesis)	100	100	
13	Caution Deposit (Refundable)			
	Laboratory(Science Courses) Library	500 500	500 500	
14	Group Medical Insurance (for full-time candidates only)	389	-	845872540
15	University Development Fund	500	500	413264251

## Fee Table: 2 - M.Phil. & Post-graduate Programmes (Except courses at Tables 3-11)

Sl. No	Item	M.Phil.	M.A./M.Sc./ M.Sc. 5yr. Integrated /M.Com.	M.P.Ed	Account No.	
		All figures in Indian Rupees				
1	Tuition Fee: For Indian national (per credit & p.s.) For Foreign national (p.s.) SAARC / Developing countries Non-SAARC countries	50 US \$250 US \$500	30 US \$250 US \$300	30 US \$250 US \$300	413264148	
2	Registration Fee	100	100	100		
3	Matriculation Fee	50	50	50		
4	Recognition Fee : For degree from Indian universities For degree from foreign universities	200 500	200 500	200 500		
5	Identity Card fee	25	25	25		
6	Physical Activities fee (p.s.)	-	-	250		
7	Students Welfare Fund (p.a.)	100	100	100	413264171	
8	Sports fee (p.a.)	100	100	100		
9	Medical Examination fee (p.a.)	50	50	50		
10	Library Fund (p.s.)	300	200	200		
11	Laboratory Fee (p.s.) (if laboratory is used)	600	200	200		
12	Internet Fund (p.s.)	150	100	100		
13	Alumini Association Fund (to be paid during the final semester along with tuition fee)	100	100	100		
14	Caution Deposit (Refundable) Library Laboratory (Science Courses)	500 500	500 500	500 500		
15	Group Medical Insurance (one time fee)	137	274/ 617*	274		845872540
16	University Development Fund	500	500	500		413264251

\* For integrated students only

## Fee Table: 3 - M.Tech/ M.Sc. (Computer Science)/ MCA

Sl. No	Item	M.Tech.	M.Sc. (CS), M.C.A	Account No
		All figures in Indian Rupees		
1	Tuition Fee: For Indian national (per credit) For Foreign national (p.s.) SAARC / Developing countries Non-SAARC countries	100 US \$500 US \$750	100 US \$500 US \$750	413264148
2	Registration Fee	100	100	
3	Matriculation Fee	50	50	
4	Identity Card Fee	25	25	



Sl. No	Item	M.Tech.	M.Sc. (CS), M.C.A	Account No
5	Recognition Fee : For degree from Indian universities For degree from Foreign universities	200 500	200 500	413264148
6	Sports Fee (p.a.)	100	100	413264171
7	Medical Examination Fee (p.a.)	50	50	
8	Library Fund (p.s.)	250	250	
9	Computer Lab Fund (p.s.)	1250	1250	
10	Internet Fund (p.s.)	100	100	
11	Students' Welfare Fund (p.a.)	100	100	
12	Alumini Association Fund (to be paid during the final semester along with tuition fees)	100	100	
13	Caution Deposit (Refundable) Library Computer Lab	500 500	500 500	845872540
14	Group Medical Insurance	274	274/ 389	
15	University Development Fund	1000	1000	413264251

### Fee Table: 4 - M.B.A. Tourism

Sl. No	Item	Indian Students	NRI/ Foreign Students	Account No
<b>Per Semester Fee</b>				
1	Tuition Fee:	3000	20,000	413264148
2	Library Fund	500	4000	413264171
3	Computer Fund	1500	5000	
4	Sports Fee	50	500	
5	Internet Fund	100	500	
6	Medical Examination fee (p.a.)	50	50	
7	Students Welfare Fund (p.a.)	100	100	845872540
8	Group Medical Insurance	274	-	
<b>One Time Fee</b>				
1	Registration Fee	100	1000	413264148
2	Matriculation Fee	50	50	
3	Recognition Fee : For degree from Indian universities For Degree from Foreign universities	200 500	1500 1500	
4	Identity Card Fee	25	25	
5	Caution Deposit (Refundable) Library Computer Lab	500 500	5000 5000	413264171
6	Industry Interface Fund *	5000	40,000	
7	Academic Tour Fund	5000	50,000	

Sl. No	Item	Indian Students	NRI/ Foreign Students	Account No
8	Placement Activities Fund (Including Brochure)	2500	4000	
9	Special Academic Activities & Infrastructure Fund	4000	4000	413264171
10	Alumini Association Fund (to be paid during final semester along with tuition fees)	100	100	
11	University Development Fund	1000	5000	413264251
* AKANKSHA - Industry Institute Interface Annual Event				

## Fee Table: 5

### M.B.A. (Banking Technology) and M.B.A. (International Business)

Sl. No	Item	I Semester	II Semester	III Semester	IV Semester	Account No
Per Semester Fee						
1	Tuition Fee	3000	3000	3000	3000	413264148
2	Special Fee	1000	1000	1000	1000	
3	Library Fee	100	100	100	100	
4	Computer Fund	500	500	500	500	413264171
5	Sports Fee	100	100	100	100	
6	Internet Fee	100	100	100	100	
Per Annum Fee - To be paid in the beginning of I and II year						
1	Medical Exam Fee	50	-	50	-	413264171
2	Students Welfare Fund	100	-	100		
3	Group Medical Insurance	274				845872540
One Time Fee - To be paid at the time of admission						
1	Registration Fee	150				
2	Matriculation Fee	100				
3	Recognition Fee For Indian university For foreign university	200 500				413264148
4	Identity Card Fee	25				
5	Caution Deposit (Refundable ) Library Computer Lab	500 500				
6	Computer Lab/ Software Subscription Fund*	5000				413264171
7	Industry Interface Fund	7500				
8	Academic Infrastructure Fund	10,000				
9	Special Academic Placement Fund	5000				
10	University Development Fund	1000				413264251
11	Media/ Publicity/ Placement Brochure Fund	7500				
12	Journals/ Magazine subscription Fund	200				413264171
13	Alumini Association Fund	300				

\* Does not apply to International Business Course

Fee Table: 6  
M.B.A. (Insurance)

Sl. No	Item	Indian Students	NRI Students	Foreign Students	Account No
<b>Per Semester Fee</b>					
1	Tuition Fee	3000	20,750	26,500	413264148
2	Special Fee	1000	5000	8400	413264171
3	Library Fee	500	4000	6400	
4	Computer Fund	500	4200	8000	
5	Sports Fee	100	825	1500	
6	Internet Fee	100	825	1500	
<b>Per Annum Fee - To be paid in the beginning of I and II year</b>					
1	Medical Exam Fee	50	50	1000	413264171
2	Students Welfare Fund	100	100	1000	
3	Group Medical Insurance	274	-	-	845872540
<b>One Time Fee - To be paid at the time of admission</b>					
1	Registration Fee	150	1250	2500	413264148
2	Matriculation Fee	100	200	500	
3	Recognition Fee				
	For Indian university	200	1650	2100	
	For foreign university	500	1650	2400	
4	Identity Card Fee	25	200	200	413264171
5	Caution Deposit (Refundable )				
	Library	500	5000	5000	
	Computer Lab	500	5000	5000	
6	Industry Interface Fund	7500	45,000	60,000	
7	Infrastructure Development Fund	10,000	65,000	84,000	
8	Special Academic Placement Fund	5000	5000	12,000	
9	University Development Fund	1000	5000	12,000	413264251
10	Media Fund	7500	7500	12,000	413264171
11	Journals Fund	200	200	200	
12	Alumini Association Fund (To be paid at the beginning of the final semester)	300	300	300	



## Fee Table: 7 - M.Sc. Microbiology/ M.Tech. (Nano Sciences & Technology, Green Energy Technology, Exploration Geosciences, Electronics)

Sl.N	Item	M.Sc. Microbiology	M.Tech.				Account No
			Nano Sciences & Technology	Green Energy Technology	Exploration Geoscience	Electronics	
	Tuition Fee:						
1	For Indian National (p.a. INR)	3,500	3,500	3,500	3,500	3,500	413264148
	For Foreign National	50,000	50,000	50,000	50,000	50,000	
	SAARC / Developing countries (p.a. INR)	1,00,000	1,00,000	1,00,000	1,00,000	1,00,000	
	Non-SAARC countries (p.a. INR)	0	0	0			
2	Registration Fee	100	100	100	100	100	
3	Matriculation Fee	50	50	50	50	50	
4	Recognition Fee: For degree from Indian Universities	200	200	200	200	200	
	For degree from Foreign Universities	500	500	500	500	500	
5	Identity Card Fee	25	25	25	25	25	
6	Sports Fee (p.a)	100	100	100	100	100	
7	Medical Examination Fee (p.a.)	50	50	50	50	50	
8	Library Fund (p.s)	250	250	250	250	250	
9	Lab Fund (p.a.)	250	250	250	250	250	
	Computer Lab Fund	500	500	500	500	500	
10	Wet Lab fund	500	500	500	500	500	
10	Internet Fund (p.a.)	200	200	200	200	200	
11	Students Welfare Fund (p.a.)	100	100	100	100	100	
12	Alumini Association Fund (annual contribution)	50	50	50	50	50	
13	Caution Deposit (Refundable)	500	500	500	500	500	
	Library Deposit						
	Computer Lab Deposit	500	500	500	500	500	
	Wet Lab Deposit	500	500	500	500	500	
14	Academic Infrastructure Development Fund	2,000	2,000	2,000	2,000	2,000	
15	Advanced Lab Fund (p.a.)	25,000	25,000	25,000	10,000	10,000	
16	Group Medical Insurance	274	274	274	274	274	
17	University Development Fund	1,000	1,000	1,000	1,000	1,000	
							845872540
							413264251

Note: For the above courses, internship, off campus training and field work related expenses are on actuals

## Fee Table: 8 - M.Sc. Bioinformatics

All figures in Indian Rupees

Sl. No	Item	Amount (In Rupees)	Account No.
1	Tuition Fee:		413264148
	For Indian national (per credit & p.s.)	100	
	For Foreign national (per semester)	US \$500	
	SAARC / Developing countries Non-SAARC countries	US \$750	
2	Registration Fee	100	413264148
3	Matriculation Fee	50	
4	Recognition Fee :		
	For degree from Indian universities	200	413264171
	For degree from foreign universities	500	
5	Identity Card fee	25	
6	Sports Fee (p.a.)	100	413264171
7	Medical Examination Fee (p.a.)	50	
8	Library Fund (p.s.)	250	
9	Lab Fund (p.s.)		
	Computer Lab Fund Wet Lab Fund	1250 500	
10	Internet Fund (p.s.)	100	
11	Students Welfare Fund (p.a.)	100	
12	Alumini Association Fund (to be paid during final semester along with tuition fee)	100	
13	Caution Deposit (Refundable)		
	Library	500	
	Computer Lab Wet Lab	500 500	
14	Academic Infrastructure Development Fund	2000	413264251
15	University Development Fund	1000	
16	Group Medical Insurance	274	845872540

## Fee Table: 9 - M.Sc. Computational Biology

All figures in Indian Rupees

Sl. No	Item	Amount (In Rupees)	Account No.
1	Tuition Fee:		413264148
	For Indian national (per credit & p.s.)	100	
	For Foreign national (per semester)	US \$500	
	SAARC / Developing countries Non-SAARC countries	US \$750	
2	Registration Fee	100	413264148
3	Matriculation Fee	50	



Recognition Fee :			
4	For degree from Indian universities	200	413264148
	For degree from foreign universities	500	
5	Identity Card fee	25	
6	Sports Fee (p.a.)	100	413264171
7	Medical Examination Fee (p.a.)	50	
8	Library Fund (p.s.)	250	
Lab Fund (p.s.)			
9	Computer Lab Fund	1250	
	Wet Lab Fund	500	
10	Internet Fund (p.s.)	100	
11	Students Welfare Fund (p.a.)	100	
12	Alumini Association Fund (to be paid during final semester along with tuition fee)	100	
Caution Deposit (Refundable)			
13	Library	500	
	Computer Lab	500	
	Wet Lab	500	
14	Academic Infrastructure Development Fund	2000	
15	University Development Fund	1000	413264251
16	Group Medical Insurance	274	845872540

## Fee Table: 10 - M.Sc. Food Science and Technology

All figures in Indian Rupees

Sl. No	Item	Amount (In Rupees)	Account No.	
Tuition Fee:				
1	For Indian national (per credit & p.s.)	100	413264148	
	For Foreign national (per semester)			
	SAARC / Developing countries	US \$500		
	Non-SAARC countries	US \$750		
2	Registration Fee	100		
3	Matriculation Fee	50		
Recognition Fee :				
4	For degree from Indian universities	200		
	For degree from foreign universities	500		
5	Identity Card fee	25		
6	Sports Fee (p.a.)	100	413264171	
7	Medical Examination Fee (p.a.)	50		
8	Library Fund (p.s.)	250		
9	Lab Fund (p.s.)	1800		
10	Internet Fund (p.s.)	100		
11	Students Welfare Fund (p.a.)	100		
12	Alumini Association Fund (to be paid during final semester along with tuition fee)	100		

Sl. No	Item	Amount (In Rupees)	Account No.
13	Caution Deposit (Refundable)		413264171
	Library	500	
	Computer Lab	500	
	Wet Lab	500	
14	Group Medical Insurance	274	
15	Academic Infrastructure Development Fund	2000	
16	University Development Fund	1000	413264251

### Fee Table: 11 - P. G. Diploma Programmes

Sl. No	Item	Amount (In Rupees)	Account No.
			413264148
1	Tuition Fee:		413264148
	For Indian national (per credit & p.s.)	50	
	For Foreign national (per semester)	US \$250	
	SAARC / Developing countries	US \$500	
	Non-SAARC countries		
2	Registration Fee	100	
3	Matriculation Fee	50	
4	Recognition Fee :		413264171
	For degree from Indian universities	200	
	For degree from foreign universities	500	
5	Identity Card fee	100	
6	Sports Fee (p.a.)	100	
7	Medical Examination Fee (p.a.)	50	
8	Library Fund (p.s.)	100	
9	Internet Fund (p.s.)	100	413264171
10	Students Welfare Fund (p.a.)	100	
11	Alumini Association Fund (to be paid during final semester along with tuition fee)	100	
12	Library Caution Deposit (Refundable)	500	
13	Group Medical Insurance	137	845872540
14	University Development Fund	500	413264251

## PAYMENT OF FEES

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

The Account Number in which various kinds of Fees/Funds/Deposits are to be remitted in the Indian Bank Branch at the University Campus is indicated against each. If a student does not pay the fee on time, late payment, fine, shall be as levied as follows at the time of payment:

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

The Vice-Chancellor, or on his behalf, any other officer to whom this power has been delegated, may relax any of the conditions for payment of fees in special cases, on recommendation of Deans' committee.

Names of the defaulters shall be removed from the rolls of the University with effect from the first day of the following month. A student whose name has been struck off from the rolls of the University, under the above clause, may be re-admitted on the recommendation of the Dean/ HOD/ Coordinator of the Dept./ Centres concerned and on payment of arrears of fees in full and other dues, together with a re-admission fee of Rs.1000/- plus University Development Fund of Rs. 500/-.

## REFUND OF FEES, SECURITY DEPOSITS, ETC.

Security deposits and library caution money are refundable, on an application from the student on his/her leaving the University, after deducting all dues against him/her.

If any student does not claim the refund of any amount lying to his/her credit within one calendar year of his/her leaving the University, it shall be deemed to have been donated by him/her to the Students' Aid Fund.

The period of one year shall be reckoned from the date of announcement of the result of the

examination due to be taken by the student or the date from which his/her name is struck off from the rolls of the University whichever is earlier.

If, after having paid the fees, a candidate desires to discontinue he/she shall be refunded all fees after deducting Rs.1000/- provided he/she discontinues on or before 01.09.2010

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

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



## HOSTELS



Pondicherry University has fourteen hostels on the campus at present. Of which nine are for boys', four are for girls and one for foreign students. Of the nine boys' hostels, seven are for PG courses and two for Research Scholars (with a total capacity of 1000 students). Of the four girls' hostels, three are for PG students and one is for Research Scholars (with a total capacity of 400 students). The University has a well furnished hostel for foreign students which can accommodate 32 students in 16 rooms whose fees structure will be different from the general hostel fees. All the 16 rooms are air – conditioned with attached bathrooms.

Apart from these, five more hostels and one Mega mess for girls will start functioning from the this academic year (2010-11). Of which, three hostels are for boys and two hostels for girls (including one research scholar's hostel each for boys and girls, with a total capacity of 1000 students)

Students from distant places will be given preference on first come first serve basis.

Hostel Admission, Fees and Discipline Admission to the Hostel will be subject to the recommendation of the concerned Head of the Department, the approval of the Chief Warden, and subject to availability of rooms.

### Hostel Fees

**Refundable:** The caution deposit of Rs.3000/- (for Indian nationals) and Rs.6000/- (for foreign national) is to be paid while joining the hostel. This will be refunded after vacating the hostel by means of account transfer/ account payee Cheque subject to surrender of original Challan after deducting dues if any. Open Cheque will not be issued under any circumstances. Therefore student must necessarily open bank account.

**Non-Refundable:** The rent is to be paid every year at the beginning of the Academic year in June/ July as follows:

- P.G and M.Phil.students (room rent for 10 months) – Rs. 900/- p.a.
- Ph.D (Room rent for 10 months) – Rs. 1800/- p.a.
- General Amenities Fund – Rs. 500/- p.a.
- Establishment Charges – Rs. 300/- p.a.
- Application Fees (at the time of admission only) – Rs. 25/-

**No room rent is charged from girl students and SC/ ST boy students (copy of community certificate duly attested by a Gazetted Officer to be produced).** However they have to pay all other fees like application for admission, General Amenities Fund, Establishment charges, Caution

Deposit, mess fees, etc. Hostel accommodation for M.Phil. students and Ph.D. students are 15 months and 4 years respectively from the date of admission / occupation of hostel rooms. They cannot stay in the hostel beyond this period even if they have not submitted their theses or not completed the viva.

### Duration of Stay

M.Phil 15 months of stay from the date of admission to the hostel. Ph.D 4 years from the date of admission to the hostel.

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

### MESS

Students who are admitted to the hostels are provided food in the mess. All the messes, except the research scholar's, have been outsourced. The



hostel messes are run by experienced and qualified caterers. The messes offer meals at moderate rates.

### Mess fees

The mess fee is to be paid in two installments in a year - June and January as follows:

The present rates for boys are Rs.8100/- (June) and Rs. 5400/- (January) and for Girls Rs. 7200/- and Rs. 4800/- respectively. These rates are likely to be increased. Exact rates will be intimated at the time of admission.

### Subsidy

The University provides a Mess Subsidy Grant of Rs. 400/- per month to the inmates of the hostels based on the annual income of the parents which should not exceed Rs.4.5 lakhs p.a. (the limit prescribed for creamy

layer) subject to approval by the Vice Chancellor (copy of Annual Income certificate Issued by Revenue Officials duly attested by a Gazetted Officer to be produced).

### Discipline

All communication from the inmate to the University authorities shall be routed through the proper channel, i.e. through the wardens of the respective hostels and Chief warden. Any subversive activity, misdemeanor, obnoxious behavior, flouting of Hostel Rules & Regulation, misconduct, disobedience, ragging, failure to clear dues, etc. shall be severely punished, and even result in dismissal from the hostel by the University whose interpretation of the rules shall be final.

### General Facilities

The University Health Centre offers medical facilities round the clock to the students residing in the hostels. For the mobility of the students from Hostels to Departments, Library, Computer Center, etc., bus facility is provided within the campus for every half-an-hour during working days. In addition to University buses and vans, battery operated vehicles and bicycles are also plying in the campus free of cost throughout the day covering all hostels to enable the students to visit departments, library, lab etc. Wifi connectivity is also provided to all hostels to enable the students to have 24 hours internet access.





## CONDUCT & DISCIPLINE



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

Students should not bring mobile phone to the class rooms / seminar halls/examination hall.

### Misconduct

Students' misconduct includes but is not limited to the following:

- disruption of class room activities or hindering the learning of other students anywhere in the University,
- cheating on assignments or examinations,
- behaviour which interferes significantly with University operation, disrupts education, endangers the health or safety of

- staff or students, or damages to University property,
- the possession or use of intoxicating beverage on campus,
- the possession or use of illicit drugs on campus,
- the falsification of documents or the supplying of false information in order to obtain admission to classes,
- the possession of weapons, and
- the failure to return loaned materials or settle debts with the University.

### Disciplinary Measures

Disciplinary action may include:

- reprimand or warning,
- fail mark for an assignment or a course,
- required withdrawal from a particular class or classes,
- suspension or expulsion from the University,
- withholding of official transcripts,

- suspension of campus privileges,
- other disciplinary action which the University authorities deem appropriate in the circumstances.

### PROHIBITION OF RAGGING

Ragging in any form is strictly prohibited. If any incident of ragging comes to the notice of the authority, the concerned student shall be given liberty to explain and if his explanation is not found satisfactory, the authority would expel him from the institution.

During the academic year 2008-09 six students (hostellers) who were involved in ragging were expelled from the hostel for a period of one year.

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

## COURSE CODES

### M.A. PROGRAMMES

Course code	Name of the Course
349	M.A. (Anthropology)
350	M.A. (Applied Economics)
356	M.A. (English & Comparative Literature)
357	M.A. French (Translation & Interpretation)
358	M.A. (Hindi)
359	M.A. (History)
386	M.A. (Mass Communication)
361	M.A. (Philosophy)
362	M.A. (Politics & International Relations)
363	M.A. (Sanskrit)
364	M.A. (Sociology)
385	M.A. (South Asian Studies)
366	M.A. (Tamil)

### M.Sc./ M.C.A. PROGRAMMES

Course code	Name of the Course
367	M.Sc. (Applied Geology)
388	M.Sc. (Applied Psychology)
368	M.Sc. (Bio Chem. & Mole. Biology)
378	M.Sc. (Bioinformatics)
303	M.Sc. (Biotechnology)
369	M.Sc. (Chemical Sciences)
379	M.Sc. (Coastal Disaster Management) (Andamans)
370	M.Sc. (Computer Science)
371	M.Sc. (Ecology & Env'tl. Sciences)
387	M.Sc. (Electronic Media)
389	M.Sc. (Food Science and Nutrition)
396	M.Sc. (Food Science and Technology)
373	M.Sc. (Marine Biology) (Andamans)
372	M.Sc. (Mathematics)
308	M.Sc. (Microbiology)
374	M.Sc. (Physics)
375	M.Sc. (Statistics)
352	MCA (Master of Computer Applications) (Puducherry & Karaikal)

### M.B.A. PROGRAMMES

Course code	Name of the Course
381	MBA (Banking Technology)
382	MBA (International Business)
383	MBA (Tourism)
395	MBA (Insurance) (Karaikal Centre)

### M.Tech. PROGRAMMES

Course code	Name of the Course
376	M.Tech. (Comp. Science & Engg.)
394	M.Tech. (Network & Internet Engineering)
304	M.Tech. (Electronics)
393	M.Tech. (Environmental Engg. & Mgt.)
305	M.Tech. (Nano Sciences & Technology)
306	M.Tech. (Exploration Geo-sciences)
307	M.Tech. (Green Energy Technology)

### OTHER P.G. PROGRAMMES

Course code	Name of the Course
351	M.Com (Business Finance) (Puducherry & Karaikal)
354	M.P.A. (Master of Performing Arts) (Theatre Arts)
377	M.P.Ed. (Physical Education)
390	M.L.I.S. (Library & Information Science)
391	M.S.W. (Master of Social Work)
392	M.Ed. (Master of Education)

### 5 YEAR INTEGRATED PROGRAMMES

Course code	Name of the Course
380	M.Sc. Five Year Integrated Programme (Applied Geology, Chemistry & Physics)
384	M.Sc. Five Year Integrated Programme (Mathematics, Computer Science & Statistics)
309	M.Sc. Five Year Integrated Programme (Economics)

## M.Phil. PROGRAMMES

Course code	Name of the Course
242	M.Phil. Asian Christian Studies
243	M.Phil. Commerce
244	M.Phil. Chemistry
245	M.Phil. Drama & Theatre Arts
246	M.Phil. Economics
247	M.Phil. English
248	M.Phil. Environmental Technology
249	M.Phil. French
250	M.Phil. Hindi
251	M.Phil. Politics & International Studies
252	M.Phil. Mathematics
253	M.Phil. Philosophy
254	M.Phil. Physical Education & Sports
255	M.Phil. Physics
256	M.Phil. Sanskrit
257	M.Phil. Tamil
258	M.Phil. Tamil (Modern Literature)
259	M.Phil. Women's Studies
260	M.Phil. Anthropology
261	M.Phil. History
262	M.Phil. Sociology
263	M.Phil. Tamil ( Religious Literature)
264	M.Phil. Social Work
265	M.Phil. Social Exclusion and Inclusive Policies

## Ph.D. PROGRAMMES

Course code	Name of the Course
101	Ph.D. Anthropology
102	Ph.D. Biochemistry & Molecular Biology
103	Ph.D. Biotechnology
104	Ph.D. Bioinformatics
105	Ph.D. Commerce
106	Ph.D. Computer Science & Engineering
107	Ph.D. Chemistry
108	Ph.D. Economics
109	Ph.D. English
110	Ph.D. Earth Sciences
111	Ph.D. Ecology & Environmental Sciences

Course code	Name of the Course
112	Ph.D. Environmental Technology
113	Ph.D. French
114	Ph.D. History
115	Ph.D. Hindi
116	Ph.D. Politics & International Studies
117	Ph.D. Management
118	Ph.D. Mathematics
119	Ph.D. Marine Biology
120	Ph.D. Philosophy
121	Ph.D. Physical Education & Sports
122	Ph.D. Physics
123	Ph.D. Sanskrit
124	Ph.D. Sociology
125	Ph.D. Tamil
126	Ph.D. Women's Studies
128	Ph.D. Microbiology
129	Ph.D. Zoology
135	Ph.D. Entomology
136	Ph.D. Botany
137	Ph.D. Civil Engineering
138	Ph.D. Electronics & Commn. Engg.
139	Ph.D. Mechanical Engineering
140	Ph.D. Drama & Theatre Arts
141	Ph.D. Electrical & Electronics Engg.
142	Ph.D. Tourism
143	Ph.D. Asian Christian Studies
144	Ph.D. Law
145	Ph.D. International Business
146	Ph.D. Banking Technology
147	Ph.D. Coastal Disaster Management
148	Ph.D. Social Exclusion and Inclusive Policies
149	Ph.D. Statistics
150	Ph.D. South Asian Studies
151	Ph.D. Education
152	Ph.D. Food Science & Nutrition
153	Ph.D. Social Work
154	Ph.D. Electronic Media
155	Ph.D. Mass Communication
156	Ph.D. Library & Information Science
157	Ph.D. Applied Psychology
158	Ph.D. Food Science & Technology

## PG DIPLOMA PROGRAMME

Course code	Name of the Course
482	Post graduate Diploma in Asian Christian Studies

## INSTITUTION CODES FOR PH.D. PROGRAMMES

Code	Name of the Institution
01	Pondicherry University Departments
02	Vector Control Research Centre, Puducherry
03	Regional Medical Research Centre, Port Blair, Andamans
04	Kanchi Mamunivar Centre for Post Graduate Studies,
05	Pondicherry Engineering College, Puducherry
06	Dr. Ambedkar Government Law College, Puducherry

## EXAMINATION CENTRE CODES

Centre Code	Centre Name
01	Allahabad
02	Bangalore
03	Bhopal
04	Bhubaneshwar
05	Chandigarh
06	Chennai
07	Coimbatore
08	Goa
09	Guwahati
10	Hyderabad
11	Jammu
12	Jhalander
13	Karaikal
14	Kochi
15	Kolkatta
16	Kozhikode
17	Lucknow

Centre Code	Centre Name
18	Madurai
19	Mangalore
20	Mumbai
21	Mysore
22	New Delhi
23	Patna
24	Port Blair (Andamans)
25	Puducherry
26	Pune
27	Ranchi
28	Shillong
29	Srinagar
30	Tiruchirapalli
31	Thiruvananthapuram
32	Vijayawada
33	Vishakapatnam



# SUBRAMANIA BHARATHI SCHOOL OF TAMIL LANGUAGE AND LITERATURE

Dean: Prof. S. AROKIANATHAN



The Department of Tamil was started in 1986. It has been promoted as Subramania Bharathi School of Tamil Language and Literature in 2003. The School is functioning with the following academic and research activities for the betterment of Tamil Literary world. Dr. Durai Seenisami was appointed as Emiretus Professor for two years. Dr. D. Gnanasundaram is appointed on Kamban Chair to do research on Kambaramayanam.

Every year, the School of Tamil is celebrating the following Tamil Literary functions for the benefit of the

students, scholars as well as faculty members of School of Tamil.

1. Endowment Lectures: 13
2. Guest Lectures: 25 (each academic year)
3. Bharathi Day Celebration: As part of the birth anniversary of the national Tamil poet Bharathi
4. Students interaction programmes with eminent Tamil scholars from leading Tamil institutions

The School has produced more than 95 Ph.D. At present 30 candidates are doing Ph.D. in the School. More than 254 scholars received M.Phil.

degree until 2007. Thirty five students are currently engaged in M.Phil. programme. Many students have cleared the National Level UGC/SLET examinations.

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



## PROGRAMMES OF STUDY

M.A. Tamil  
 M.Phil. Tamil - General (Full-time)  
 M.Phil. Tamil - Modern Literature (Full-time)  
 M.Phil. Tamil -Religious Literature (Full-time)  
 Ph.D. Tamil (Full-time)

## ENTRANCE EXAMINATION

M.A. The written examination will consist only of objective type questions on Tamil language, literature and culture.

M.Phil. & Ph.D. The written paper will consist of objective and essay-type questions on Tamil language, literature and culture.

**\*R. Nalangilli, Ph.D.** (University of Madras, Chennai)  
*Specialization:* Comparative Literature and Literary Theories, Women Studies and Women’s Writing, Literature and Psychology.

**\*K. Ilamathy Janakiraman, Ph.D.**  
 (Annamalai University, Chidambaram)  
*Specialization:* Siddhar’s Literature, Religious Literature, and Creative Literature.

**\*M.S. Arivudainambi, Ph.D.** (Madurai Kamaraj University, Madurai), D.Litt ( Tamil University, Thanjavur )  
*Specialization:* Tamil Literature, Saiva Samayam, Fine Arts and Manuscriptology

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

**\*A.Thirunagalingam, Ph.D.**  
 (Pondicherry University, Puducherry)  
*Specialization:* Folklore, Ancient Tamil Grammar, Marxism and Literature,

## FACULTY

### Professors

**\*A. Arivunambi, Ph.D.**

(Madurai Kamaraj University, Madurai)  
*Specialization:* Epics, Ancient Literature, Dramatics and Folklore.

**\*S. Arokianathan, Ph.D.** (University of Washington, USA)  
*Specialization:* Tamil Grammar, Mass Communication and Spoken Tamil-Teaching.

### Lecturer (Senior Scale)

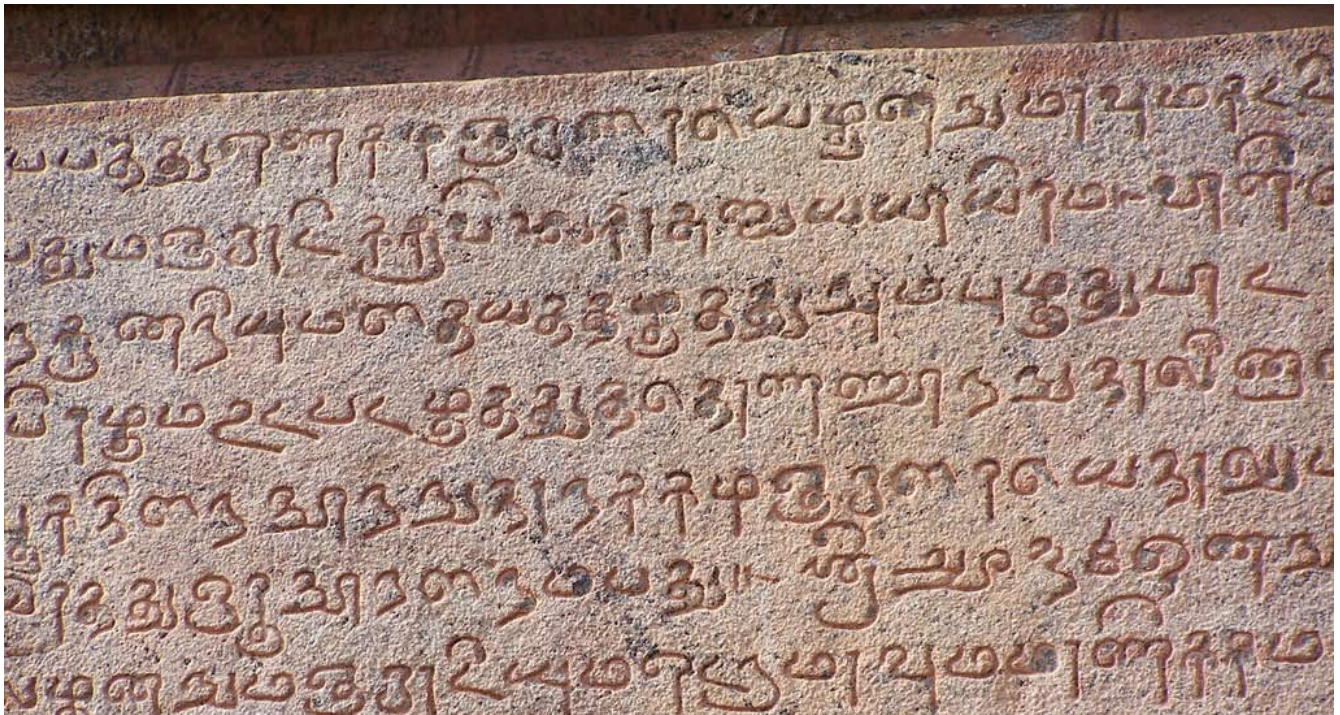
**\*M. Karunanidhi, Ph.D.** (University of Madras, Chennai)  
*Specialization:* Folklore and Manuscriptology,

### Lecturer

**\*B. Ravikumar, Ph.D.**

(Pondicherry University, Puducherry)  
*Specialization:* Modern Literature, Literary Criticism & Creative Literature

*\* Recognised supervisors for guiding Ph.D. candidates*



# SCHOOL OF MANAGEMENT

Dean: Prof. BASHEER AHMED KHAN

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



School of Management is one of the popular Schools of Excellence in the campus primarily focusing on the business related courses since the very inception of this University.

The Department of Management Studies offers MBA & Ph.D. programmes, the Department of Commerce offers M.Com. (Business Finance), M.Phil, and Ph.D. programmes. the Department of Economics offers M.A.(Applied Economics), M.Phil. and Ph.D. programmes, the Department of Tourism Studies offers a MBA programme specializing in Tourism, the Department of Banking Technology offers a specialized MBA programme in Banking Technology and Ph.D.

programme and the Department of International Business offers MBA with specialization in International Business and Ph.D. Programme.

The School of Management offers the above said programmes with a total placement focus. While the regular MBA students are found getting good placements in leading MNCs and large Public Limited Companies involved in manufacturing, service industry as well as in high profile Software Industry, the MBA (Tourism) students are finding total placement in travel and tourism industries as well as in hospitality business. M.Com. (Business Finance) programme offered by the Department of Commerce has attracted the attention of companies

which are involved in Finance and Investment, Fund Management, Stock Broking, Banking and Non-banking activities. M.A. Economics students are found in great demand in those organizations involved in policy making such as National Institutes devoted for Economic development, RBI, Government department of Economics & Statistics, etc. MBA Banking Technology degree programme started drawing attention of top leading banks and software companies concentrating on Banking software. The students of the MBA programme of the Department of International Business are finding placement in leading industries in India, including MNCs.



# DEPARTMENT OF MANAGEMENT STUDIES

School of Management

## PROGRAMMES OF STUDY

### Master of Business Administration (M.B.A.)

The course comprises of Foundational (eg. Business Environment), Fundamental (eg. Law), Functional (eg. Marketing, Finance, Operations, Personnel, Systems and their electives) and Fusional (eg. Strategic Management) subjects.

### Ph.D. in Management

(Full-time & Part-time (Internal & External))

## ENTRANCE EXAMINATION

**M.B.A.** candidates who desire to join MBA programme should have CAT(Common Admission Test) scores. Selection from among those short-listed candidates on the basis of the CAT scores, is made in Puducherry through group discussion and personal interview which are normally scheduled in March. A separate advertisement has been made for this course.

**Ph.D.** Candidates will be selected based on an entrance examination. The entrance test questions will be based on all the functional areas of Management.

## Infrastructure facilities

The Department has a well equipped computer laboratory with the latest operating systems and various application softwares. Good audio-visual facilities are also available.

## Karaikal Centre:

**MBA (Insurance)** is offered at Karaikal Centre of Pondicherry University.

## FACULTY:

### Professors

**\*Dr. R. Panneerselvam, Ph.D.**(Anna University, Chennai)  
*Specialization:* Production & Operations Management, Quantitative Techniques and Systems

**\*Dr. M. Basheer Ahmed Khan, Ph.D.** (A.M.U. Aligarh)  
*Specialization:* Marketing Management / General Management/ HRM

**\*Dr. R.P. Raya, Ph.D.** (Andhra University, Vizhakatnam)  
*Specialization:* Human Resources Management / Knowledge Based Organizations  
 E-Governance & Social Sector Management

**\*Dr. S. Hariharan, Ph.D.**  
 (Bharathidasan University, Trichirapalli)  
 (Deputation to ASC, Pondicherry University)  
*Specialization:* Managerial Finance, Managerial Accounting, Corporate Finance and Strategic Cost Accounting.

## Readers

**\*Dr. T. Nambirajan, Ph.D.**  
 (Pondicherry University, Puducherry)  
*Specialization:* Production & Operations Management / Supply Chain Management / Quality Management / Management Information Systems

**\*Dr. Chitra Sivasubramanian, Ph.D.**  
 (Madurai Kamaraj University, Madurai)  
*Specialization:* Human Resource Management / Retail Management / Organisational Behaviour / Strategic Management

**\*Dr. Uma Chandrasekaran, Ph.D.**  
 (Pondicherry University, Puducherry)  
*Specialization:* Marketing, Advertising, Corporate Communication, Brand Management, Services Marketing, CRM

**\*Dr. B. Charumathi, Ph.D.** (University of Madras, Chennai)  
*Specialization:* Accounting, Financial Services & Financial Engineering, Entrepreneurship, Project Management

**\*Dr. S. Victor Anand Kumar, Ph.D.**  
 (Cochin University of Science and Technology)  
*Specialization:* Marketing, E-Commerce / Systems /Business Communication

## Senior Lecturers

**\*Dr. L. Mothilal, Ph.D.** (Osmania University, Hyderabad)  
*Specialization:* Business Environment, Sales & Distribution Management, Infrastructure, Housekeeping & Public Systems Management, Customer Service & Relationship Management, E-Governance & Sustainable Development

*\* Recognised supervisors for guiding Ph.D. candidates*

# DEPARTMENT OF COMMERCE

School of Management

The Department of Commerce is one of the pioneering departments of Pondicherry University. Differentiating itself from the traditional M.Com Course the department came into existence to offer a much sought for specialized Post-Graduate course in Commerce in form of M.Com(Business Finance). With the focus on 'Finance', the department aims at imparting indepth knowledge and professional skills required for handling the " Finance Functions" of business entities and corporate enterprises. The students of this course with their acquired knowledge and skills find themselves well equipped for the activities involving Investment Management, Portfolio Management, Treasury Management, Security Market Operation, Forex Dealing, Accounting Fund Management, Project Execution and Management, Multinational Financial Management, Derivatives Management, Taxation Management, Bank Management etc. The Department also offers M.Phil. and Ph.D. Programme in the field of Finance, Banking, Marketing and Personnel Management.

The Department is supported by UGC under SAP (DRS) to achive academic excellence with the thrust on one of the most contemporary areas in finance i.e. "Derivatives and Risk Management". The Award of SAP is a proof of the capability and credentials of the learned faculty of this department

## PROGRAMMES OF STUDY

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

## ENTRANCE EXAMINATION

The admission for the course is based on national level entrance examination. The entrance examination for admission to M.Com.(Business Finance) Degree programme consists of objective type questions. These questions are mostly aimed at assessing the candidate's basic understanding of concepts in Accounting, Banking, Organizational Behaviour, Taxation, Insurance, Costing Statistics, Auditing, Legal Aspects of Business, Business Economics, Foreign Trade, Corporate Secretaryship, Cooperation and such alike.

The admission for M.Phil. Programme consists of entrance test aimed at assessing the advanced knowledge of the student at his/her P.G level courses. It is of objective type.

The admission of Ph.D. programme is based on the vacancies available with eligible guides and the field of specialization that a scholar wants to pursue. The desirous candidates are required to take the entrance examination of the University conducted for the Ph.D. admission. The entrance test is of objective type and the questions are similar to the JRF NET examination conducted by UGC.

## Infrastructure facilities

The department is housed in School of Management building (ground floor) with spacey class rooms and well equipped common computer lab with internet connection, Photocopy facility, Overhead LCD projectors for presentation constitute the basic infrastructure of the department. Around the clock internet facility with access to CMIE Prowess data base, SPSS statistical software package, on-line journals from Science Direct, Epsco are the merited facilities in the Department

## FACULTY: Professor

**\*P. PALANICHAMY, Ph.D.** (Pondicherry University)  
*Specialization:* Banking Financial Institutions & Markets, Organization Behaviour and Personnel Management, Forex & Global Financial Markets, Indian Financial System.  
**\*MALABIKA DEO, Ph.D.** (Pondicherry University)  
*Specialization:* Business Statistics, Financial Management, Portfolio Management, International Finance, Operation Research and Derivative Management  
**\*P. Natarajan, Ph.D.** (Alagappa University)  
*Specialization:* Project Management, Entrepreneurship Development, Fund Management and International Business.

## Reader

**\*D. LAZAR, Ph.D.** (Madras University)  
*Specialization:* Corporate Finance, Micro Finance, Personal Finance, International Financial Management, Investment and Portfolio Management, Derivative Management, Financial, Cost and Management Accounting.

## Lecturer (Selection Grade)

**S. ARAVANAN , M.Phil.** (Pondicherry University)  
*Specialization:* Securities Analysis, Taxation, Accounting,

Financial Management & Forex Management, Investment Management, Stock Market Operations.

## Lecturer

**K.B. NIDEESH M.Com.** (Calicut University)

*Specialization:* Taxation, Finance, Accounting, Cost & Management, Accounting, Investment Management.

**\*P.S. VELMURUGAN, Ph.D.** (Pondicherry University)

*Specialization:* International Trade, Credit Insurance, Financial Management, Financial Markets and Institutions, Multinational Finance & Marketing Management.

*\* Recognized supervisors for guiding Ph.D. candidates*

## Placement

The department also looks after the placement activities through its own placement committee which brings out the placement brochure and carries out the placement activities. The students belonging to this programme find placement in finance divisions of major MNCs like IBM, FORD, Fund Management & Stock Broking Consultants, Software Companies concentrating on Accounting Solutions, in addition to a good number of placements in Banking and Insurance sectors like RBI, Laxmi Vilas Bank, ICICI Bank, etc. The department also has produced high quality research works and the research scholars of this department have got placement in reputed business school like IIM(Indore), XLRI, IIM(Calcutta), NIBM, TAPMI and Universities like Pondicherry University, Alagappa University, Anna University, M.S. University, Karunya University, Bharathiar University, Periyar University and Bharathidasan University, etc.

Some of the students, after completing M.Com., pursue M.Phil./Ph.D. programme. Our students have got admission in reputed institutions like IIS, IIT Mumbai, Delhi University, Hyderabad Central University, IFMR etc. for their Ph.D. degree.

## P.G. CENTRE KARAIKAL

The Department of Commerce, Karaikal Centre, Pondicherry University was established in the year 2007-08 at Karaikal involving in Teaching, Research and Extension Activities to cater to the local demands of the Karaikal region, as Karaikal is poised to become a trade centre with major port and special economic zone.

The mission of the Department is to cater to the needs of corporate and public services through inculcating conceptual, technical, practical knowledge in the area of commerce and to undertake research with social relevance, independent projects and consultancy on the contemporary issues.

The Department inculcates knowledge through lectures, interactive sessions, case analysis, group discussions on contemporary issues, internship training & project work, soft skills for employability quotient, institute-industry interaction programme, technology oriented teaching, application of ICT, industrial / field visits, educational tour and students' participation in educational events of Universities and other institutions.

## Infrastructure facilities

The Department has modernized infrastructure with well equipped library, Centralized Computer Lab with internet facility, LCD projector for presentation and Teaching. The Centre is also facilitated with separate hostels for boys and girls.

## FACULTY Professor & Course Coordinator

**\*P. Palanichamy Ph.D.**

(Pondicherry University, Puducherry)

*Specialization:* Banking Financial Institutions & Markets, Organization Behavior and Personnel Management, Forex & Global Financial Markets, Indian Financial System.

## Readers

**\*V. Kavida Ph.D.** (Alagappa University, Karaikudi)

*Specialization:* Accounting & Finance, Intellectual Capital, Intellectual Property Valuation, International Finance, Banking & Financial Services

**\*S. Amilan Ph.D.** (Alagappa University Karaikudi)

*Specialization:* International Finance, Portfolio Management, Quantitative Techniques & Financial Econometrics

## Lecturers

**V. Arulmurugan M.Phil.**

(Pondicherry University, Puducherry)

*Specialization:* Banking, International Finance, Capital Market & Financial Counseling, Scientific Commerce, Logistics, Global Marketing & Corporate Technology.

**Sheena, M.Com.** (Calicut University, Calicut)

*Specialization:* Brand Management, Retail Marketing and Rural Marketing, HRM, Organisation Behavior, Systems, Financial Services

**G. Naresh Ph.D.** (University of Madras, Chennai)

*Specialization:* Investments, Derivatives & Risk Management, Valuation of Assets, Infrastructure Finance & Private equity

## Placement Facility

The Department provides placement assistance to the students and our Alumni are placed in leading business concerns from the inception of the Department at the Karaikal Centre, Karaikal.

*\* Recognised supervisors for guiding Ph.D. candidates*



# DEPARTMENT OF ECONOMICS

School of Management

The Department of Economics, established on 15-12-1986 (Fifteenth December Nineteen Eighty Six) is one of the oldest Departments of Pondicherry University. During the twenty four year existence, the Department has carved out a niche in the Economics Education Map of India. The Department is discharging three functions namely Teaching, Research and Extension. So far, it has produced a large number of Post Graduates, 250 M.Phil's and 40 Ph.D.'s who are placed in some of the top class Institutions in the Country. Today it is emerging as Centre of Training and the National Organizations are looking forward to the Department for Training of their Officers and Research Scholars, especially, in the area of Econometrics.

## PROGRAMMES OF STUDY

**M.A.** (Applied Economics)  
**M.Sc.** (Economics) Five Year Integrated Programme  
**M.Phil.** (Full-Time)  
**Ph.D.** (Full-Time, Part-Time (Internal & External))  
**P.G. Diploma** in Planning and Evaluation (Evening Programme)

## ENTRANCE EXAMINATION

The selections for P.G., M.Phil and Ph.D. programmes are based on a written examination of 2 hours duration. For M.A. degree programme, the question paper is based upon U.G. degree course syllabus, while P.G. degree course syllabus is the basis for M.Phil and Ph.D. entrance tests. For M.Sc., Economics, the question paper is based on Plus Two syllabus in Economics, Mathematics and general awareness.

## Thrust Area of Research &

### Research Projects undertaken:

The thrust areas of research are Public Finance, Gender Studies, Monetary Economics, Agricultural Economics and International Economics. Major Projects from Ministry of Education, GOI, Government of Puducherry, University Grants Commission, RBI and ICSSR have been undertaken. Besides, faculty members have published several articles in reputed journals like Economic Letters; Journal of Policy Modelling; Oxford Economic papers; Journal of Asian Economics; Applied Economic Letters; Macroeconomics & Finance in Emerging Economies; Singapore Economic review; Artha Vijnan; Indian Economic Journal; Journal of Rural Development; Journal of Quantitative Economics; Indian Journal of Labour Economics; Indian Journal of Agriculture Economics; Asian-African Journal of Economics and Econometrics; Man-Power Journal; Margin; Prajnan; etc.

## Infrastructure facilities

A well equipped Computer Lab with 40 systems; Internet facilities; and Wi-Fi facilities are available.

## Placements:

Several students have cleared UGC-NET and SLET Examinations. Some of the students who completed P.G Programme are doing M.Phil/Ph.D. with fellowships in IIT, Mumbai; Centre for Development Studies, Trivandrum; Jawaharlal Nehru University, New Delhi; University of Hyderabad; Institute for Social and Economic Change, Bangalore; TATA Institute of Social Sciences, Mumbai; etc. Some are employed as faculty members in various educational institutions, executives in multinational companies/banks and civil services officials.

## FACULTY:

### Professors

- \* **M. Ramadass, Ph.D.** (University of Madras, Chennai)  
*Specialization:* Agriculture Economics, Health Economics, Economics of Education
- \* **P. Ibrahim, Ph.D.** (Kerala University, Trivandrum)  
*Specialization:* Fishery Economics, Energy Economics and Health Economics
- \* **M. Ramachandran, Ph.D.**  
 (University of Hyderabad, Hyderabad)  
*Specialization:* Open Economy Macroeconomics and Applied Econometrics

### Readers

- \* **P. Muthaiyan, Ph.D.** (University of Madras, Chennai)  
*Specialization:* Agriculture Economics, Economics of Education, Regional Economics
  - \* **V. Nirmala, Ph.D.** (Madurai Kamaraj University, Madurai)  
*Specialization:* Agricultural Economics, Labour Economics and Gender Studies
  - \* **J. Srinivasan, Ph.D.** (University of Pune, Pune)  
*Specialization:* Economics of Education, Health Economics, Public Economics, Econometrics and Mathematical Economics.
- \* *Recognized supervisors for guiding Ph.D. candidates*

# DEPARTMENT OF TOURISM STUDIES

School of Management

The two-year full time Master's Degree Program in Tourism Administration (MTA) was started in the year 1991 with the seed financial support from the Ministry of Tourism and Civil Aviation, Government of India with the objective of creating professionally competent manpower to meet the managerial requirements of tourism and allied industries. Started as a Centre for Tourism Studies, the centre was elevated to the status of a department during 2005-2006 with full fledged faculty and state of the art infrastructure facilities. The post-graduate program was rechristened as MBA(Tourism). The department offers at present a two year full-time MBA(Tourism) program, Post-Graduate Diploma in Event management(Evening Program) and Doctoral program leading to the award of Ph.D. degree. Further, the Department has the honor of being supported by the UGC Special Assistance Program(SAP) at DRS Level –I from the academic year 2009-10.

Apart from the regular curriculum, students are encouraged to participate in the extra curricular and co-curricular activities. To pursue its mission further, the Department develops and supports a spirit of enquiry and innovation that help the students meet the diverse human resource requirements of the industry. The Department has an impressive track record of student placements over the years. With the active support of alumni, the Department has been striving tirelessly to emerge as a centre of excellence in tourism management education, consultancy and research.

## PROGRAMMES OF STUDY

**MBA (Tourism)**  
**Ph.D. (Tourism)**  
**P.G. Diploma** in Event Management (Evening Program)

## ENTRANCE EXAMINATION

**MBA (Tourism):** Admission to this program is based on an entrance test conducted by the University. The Entrance Examination (Two hours duration) consists of 100 objective type questions in FOUR sections with 25 questions in each section:

- Section A: English Comprehension
- Section B: Numerical Ability
- Section C: Test of Reasoning
- Section D: General Awareness

The written test is along the lines of other popular competitive tests like CAT, MAT, etc., conducted for admission to management programs.

**Ph.D. in Tourism:** Based on the vacancies available with eligible guides and the field of specialization, the prospective scholars are admitted to the Ph.D. Program through written examination. The written examination consists of 100 objective type questions in FOUR sections of 25 questions each.

- Section A: English Comprehension
- Section B: Logical Reasoning
- Section C: Simple Arithmetic
- Section D: research Methodology

## Infrastructure Facilities

The physical and academic infrastructure comprises of well equipped class rooms, hostel on campus, computer lab with educational software, Wi-Fi facility in campus, LCD projectors and other multimedia aids, access to online journals, subscription to national and international journals and magazines, latest books on tourism and management. Eco and cultural tours are part of the academic program besides guest lectures delivered by eminent scholars and industry experts. The Department is also known for organizing several events on the eve of World Tourism Day. The annual Institute-Industry Interface Event called AKANKSHA is one such popular events of the department conceived and organized by the students.

## Placements

Our recruiters include major companies like Thomas Cook, Orbitz, Cox & Kings, SOTC, Ascon Travels, Hi-Tours, Makemytrip.com, Kingfisher Airlines, Stic Travels, Milesworth, Ramoji Fim City, Carlson Wagonlit, etc. Some of the students are placed in banks and IT companies. ICICI, IDBI and Sonata Software have offered enviable packages to the students of the Department.

## FACULTY

### Professor & Head

\*G. Anjaneya Swamy, Ph.D.  
 (Andhra University, Vishakhapatnam)  
 Specialization: General Management, Entrepreneurship Development and Service Marketing.

## Reader

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

## Senior Lecturer

**\*Sampad Kumar Swain, Ph.D.** (Utkal University)  
*Specialization:* Airlines and Travel Management and Eco-  
tourism, Sustainable Tourism, Travel Agency Operations.

## Lecturers

**Jitendra Mohan Mishra, Ph.D.** (HNB Garhwal University)  
*Specialization:* Eco-tourism, Accounting for Tourism,  
Tourism Economics and Tourism Planning.

**Anu Chandran, M.Phil.** (Kerala University)  
*Specialization:* Destination Marketing, Eco-tourism and  
Sustainable Development, Travel Geography and HR in  
Tourism and Hospitality, Wild Life and Health Tourism.

**Sibi George, M.Phil.** (Madurai Kamaraj University)  
*Specialization:* Airline Management, Hospitality  
Management and Tourism Product Development and  
Management.

*\* Recognized supervisors for guiding Ph.D. candidates.*



# DEPARTMENT OF BANKING TECHNOLOGY

School of Management

The Department of Banking Technology came into existence to offer a specialized M.B.A programme in Banking Technology from the academic year 2005 -06. The UGC has sanctioned this programme under its Innovative/Interdisciplinary scheme of 10th plan funding to be offered jointly by School of Management and Ramanujan School of Mathematical Sciences.

**MBA (Banking Technology)** is a specialized inter-disciplinary programme primarily focused on developing manpower with know-how and know-why skills regarding management of technology used in the bank and finance industries

More specifically, this programme is aimed at:

- Imparting managerial skills and knowledge required to manage modern business enterprises involved in providing Finance and Banking solutions.
  - Providing the basic knowledge on the working of financial markets, banking operations, stock market operations, Forex market, capital flows, arbitrage operations and derivative instruments, working of euro currency markets for possible global exposure on the working of Financial networks.
  - Developing skills in the Technologies used in modern banking industries, Data warehousing, Information security, E-commerce, IT Infrastructure Management, Information System Audit, etc.
- Major Highlights of the Curriculum

The courses offered under this MBA: Banking Technology is a blend of General Management, Banking & Finance along with IT subjects required to manage Technology and develop software solutions. Four streams of electives with eight specialization papers in Systems, Finance, HR and Marketing are offered during third semester. A mix of IT and Management enables the students suitable for Managerial positions in software companies and Data centres of large Private / Foreign Banks.

## Ph.D. in Banking Technology

The Department of Banking Technology has initiated a Ph.D. Programme in an inter-disciplinary area of Technology Management, focusing on IT Research in the field of Finance & Banking. This Programme is open to both Engineering Post - Graduates as well as to MBA Graduates.

Broad areas of Research

- Banking Technology Management, • Financial Management, • Management of Banking & Financial Institutions
- Security Analysis and Portfolio Management, • Derivatives Management. • Information Security
- Data Warehousing & Data Mining, • Network Management, • Software Architecture.

## PROGRAMMES OF STUDY

**MBA :** Banking Technology

**Ph.D.:** Banking Technology

## ENTRANCE EXAMINATION

Candidates are admitted for both MBA: Banking Technology and Ph.D. Programmes based on an All India level Entrance Examination conducted by the University. The entrance test for MBA is similar to that of any standard All India Management Admission Tests (on lines of CAT / MAT / GMAT) with objective type questions in General English, Reasoning,

Problem Solving, Basics of Computer Science, General Engineering & Contemporary Business Issues. Admission test for Ph.D. Programme contains two sections to suit to the requirements of both M.Tech and MBA students. All objective type questions are from the domain-specific subjects at Post Graduate level.



## Infrastructure facilities

The Department has a well-equipped computer laboratory with the necessary software and potential hardware to catalyze the learning process of students. The lab is connected to the internet which allows students to enrich knowledge round the clock. The specifications of the hardware, software and network connectivity are as follows:

### Hardware:

- Intel Xeon Servers
- HP Net Server
- Server for Corporate Database (CMIE Prowess).
- Pentium IV Work Stations
- HP LaserJet Printers
- HP Scanner

### Software:

- Windows 2003 Server
- Windows 2000 Advanced Server
- Novel Linux 9.2
- Visual Studio
- MS Office
- Java
- MYSQL
- Oracle 9i
- Turbo C++

### Networking:

- Intranet using Optical Fiber as back bone
- D-link 24 port switches
- Leased line for internet connectivity
- All computers connected through structured cabling

The Department subscribes to the Corporate Databases like CMIE Prowess annually for organizing Corporate Finance Lab. Access to on-line International Journals is available through Intranet in the campus.

## Academic Infrastructure

- Industry integrated curriculum
- 24x365 days Internet Campus
- AC class rooms with Wi-Fi connectivity
- Laptops usage by every student to participate in Web-based teaching learning process
- Case studies on Fortune 500 companies
- Guest Lectures by Bankers, Industrialists, Software Professionals.

## Placements

This MBA programme with a focused course curriculum on dual electives of Finance and Information Technology has been attracting good number of IT companies, in addition to the Banking and Financial Institutions. The Software companies with verticals in the areas of Banking, Insurance, Capital Markets and Business solutions are finding interest in this MBA: Banking Technology degree programme. The flag-ship companies where the students are placed include TCS, HCL Technologies, Keanes, Ramco Infotech, IDBI, LVB, ICICI Bank, Cholamandalam Finance, IndusInd Bank, Bank of Maharashtra etc. In addition, the students have undergone summer project training placement in reputed companies.

## FACULTY

### Professor & Head

**\*Dr. K. Chandra Sekhara Rao, Ph.D.** (Nagarjuna University)

*Specialization:* Financial Management, Security Analysis & Portfolio Management, Derivatives Management and Global Financial Markets & International Finance.

Readers:

**\*Dr. V. Prasanna Venkatesan, M.Tech., Ph.D.**

(Pondicherry University)

*Specialization:* Software Architecture, Object-Oriented Systems, Multilingual-based systems, Programming Languages, Banking Technology Management.

**Dr. T. Chithralekha, M.Tech., Ph.D.** (Pondicherry University)

*Specialization:* Information Security, Data Warehousing, Agent Technology.

**Dr. R. Sankaranarayanan, Ph.D.**

(Gandhigram Rural Institute)

*Specialization:* Banking & Finance, Bank Management, Forex Management.

### Lecturers:

**Mr. S. T. Surulivel, M.B.A., M.Phil.**

(Madurai Kamaraj University)

*Specialization:* General Management, Marketing Management, Merchant Banking & Financial Services and Insurance Management.

**Ms. S. Vijayalakshmi, M.C.A., M.Phil.**

(Bharathidasan University)

*Specialization:* Computer Networks for Bankers, Network Programming.

**Dr. N. Vijayakumar, Ph.D**

*Specialization:* Accounting, Financial Engineering and Financial Econometrics.

\* Recognized supervisors for guiding Ph.D. candidates.



## Adjunct / Visiting Faculty

In addition to regular faculty, the Department has been organizing special lectures by inviting visiting Professors, Experts from Industry on a regular basis. The recent visitors to the Department are as follows :

**Dr. Pelly Periasamy, D.Phil.** (oxn), Nanyang Technology University, Singapore  
**Dr. Cherukuri U Rao, Ph.D.** – California State University  
**Dr. V.P. Gulati** – Director, IDRBT, Hyderabad  
**Dr. D.V. Ramana** – Professor, XIM, Bhubaneswar  
**Sri. Ganesh Kalyanasundaram** – IBM Global Services India Pvt. Ltd.  
**Sri. Ragunandan** – World Bank Consultant, Puducherry  
**Sri. S. Natarajan** – DGM, RBI, Mumbai  
**Sri. G. Anantharaman** – Whole Time Member, SEBI,

Mumbai

**Sri. K. Saikumar** – DGM, Information Technology Department, IOB

**Sri. S. Venkata Subramanian** – Director, STQC, Ministry of IT, Bangalore

**Sri. Ravi Narain** – MD, CEO, NSE, Mumbai

**Sri. A. Ramanathan** – CGM, NABARD, Mumbai

**Dr. C.S. Venkatratnam** – Director, International Management Institute, Delhi

**Sri. Ganapathy Subramaniam** – Global Security Lead, Accenture, Chennai

**Sri. Ganesh Subramaniam** – Senior Consultant, TCS

**Sri. Sujith Christy** – TVS Net, Chennai

**Sri. Lakshmi Narayanan** – TVS Net, Chennai



# DEPARTMENT OF INTERNATIONAL BUSINESS

School of Management

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

## PROGRAMMES OF STUDY

**MBA** (International Business)  
**Ph.D.** (International Business)

## ENTRANCE EXAMINATION

**MBA:** International Business  
Admission into the MBA (International Business) Programme will be based on All India level entrance examination to be conducted by the University. The entrance examination shall consist of 100 Objective Type questions and will be on the lines of CAT/ MAT/ GMAT (covering Test of English & Comprehension, Test of Mathematics, Test of Reasoning & Logical Thinking, Test of Personal Judgment and General Knowledge).

**Ph.D.:** International Business(Full-Time & Part-Time)  
Admission to Ph.D. programme in International Business shall be based on the field of specialization and the vacancies available with eligible guides in the Department. The selection procedure is based on the entrance test which shall consist of 100 objective type questions covering all the functional areas of Management at the MBA level

management, foreign language and environmental issues. The course curriculum is so organized that the students are groomed to take up the challenges of new millennium, which are truly international and competitive in nature and not restricted by geographical or political boundaries.

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

## Ph.D. (International Business)

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

## MBA (International Business):

The DIB has designed the MBA-International Business Programme with a special focus on imparting training and molding aspirants to acquire necessary core competencies, which are specifically required to manage global business operations. Besides giving conventional management education inputs, a highly competent set of faculty has designed and developed a course structure that will provide core competency skills in chosen areas of International Business ranging from geo-political issues, managing in emerging economics, international finance, international logistics, international tourism, hospitality and customer relationship management, retail management, export and import system, cross-cultural

## Infrastructure Facilities

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

- ▶ Congenial air conditioned class rooms with audio visual aids
- ▶ 24x365 days internet campus
- ▶ Class rooms with Wi-Fi connectivity
- ▶ Laptop connectivity for every student for effective participation
- ▶ Placement cell with good track record



- ▶ Well equipped central library
- ▶ Case studies with international perspectives
- ▶ Terms papers, team projects and internship
- ▶ Guest lectures by top executives from MNCs

## Placements

The Department has very good track record of placements for its students and leading companies like TCS, HCL, IDBI, ICICI, Reliance, Ramco, Wipro, Indiabulls, Pepsi, City Union Bank, Lakshmi Vilas Bank, Cholamandalam, Bajaj Allianz, etc., (to name a few) have recruited our students in the past.

## FACULTY

### Professor

**\*Mohan K. Pillai, Ph.D.**

(Pondicherry University, Puducherry)

*Specialization:* Strategic Financial Management, Corporate Finance, International Finance, Management Accounting.

### Adjunct Faculty

**\*D. Sambandhan, Ph.D.** (Gokale Institute, Pune)

*Specialization:* Managerial Economics, International Economics, Global Financial Markets.

### Lecturer (Selection Grade)

**P. Sridharan, M.Phil.** ( University of Madras, Chennai)

*Specialization:* Financial and Management Accounting

### Lecturer

**Manoj E. Prabhakar, M.Phil.**

(Madurai Kamaraj University, Madurai)

*Specialization:* International Marketing, Consumer Behaviour, Services Marketing

### Guest Faculty

**S. Kumar, M.Com., M.Ed., (NET)**

*Specialization:* Accounting, Financial Management

**Dr. R. Maheswari, B.E. M.B.A., M.Phil., Ph.D.**

*Specialization:* International Marketing, Retail Marketing, Global Productions and Operations Management, Information Technology and E-business.

**Sadika Sultana, M.S.c., M.B.A., M.Phil. (NET)**

*Specialization:* International Marketing, Industrial Relations & Labour Legislation

**S. Anoop, M.B.A., P.G.D.F.M. (NET)**

*Specialization:* Global Financial Markets and Instruments, International Financial Management, Human Resource Management

**S. Rajalakshmi, B.Sc., M.B.A (NET, JRF)**

*Specialization:* International Human Resource Management, International Strategic Management, Industrial and Labour Relations, Quantitative Techniques

*\* recognized supervisors for guiding Ph.D. Candidates*



# RAMANUJAN SCHOOL OF MATHEMATICAL SCIENCES

Dean: Prof. A.M.S. RAMASAMY

Department of Mathematics  
Department of Statistics

The Ramanujan School of Mathematical Sciences comprising of the Departments of Mathematics and Statistics was established on 23.03.04 as per the Academic Ordinances of the Pondicherry University. The School aims at imparting quality education in Mathematics and Statistics, which are realized by the various post graduate study programmes in Mathematics and Statistics offered by the School.

All the two Departments of the School have distinguished faculty, and well equipped laboratories with excellent computing facilities. Research activities in emerging research disciplines are being carried out in the Departments. About 12 research scholars mentored by experienced supervisors are currently pursuing their research works in these disciplines. Research projects funded by NBHM, DST and UGC and add to the credit of the School.

The School also paves way for the plethora of employment opportunities

to the students by organizing Campus Placement Programmes by inviting various IT Companies. From the Academic year 2007-08, the School offers five year integrated M.Sc. programme in the three branches of Mathematics, Statistics and Computer Science. The intake of students for each subject is 16, making a total of 48 for the integrated M.Sc. programme.

#### Course Pattern

During the first three years, a candidate of M.Sc., integrated programme has to take a total of 33 hard core courses of 3 credits each (11 hard core courses in each of Mathematics, Statistics and Computer Science) and a minimum of 5 soft core courses of 3 credits each covering all the three subjects viz. Mathematics, Statistics and Computer Science. In addition, all the candidates have to compulsorily take 2 courses in English and one course in Environmental Science of 3 credits each.

The course of study during the first three years is common for all the students offering the branches of Mathematics, Statistics or Computer Science. The students of the 4th and 5th years of this programme have to take the courses in the respective departments of Mathematics, Statistics and Computer Science.

#### Infrastructure Facilities:

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

#### Entrance Examination:

The selection for the 5 year integrated programme will be based on an entrance examination consisting of 100 questions in Mathematics of objective type at higher secondary level (i.e. Plus 2 programme).

**PROGRAMME CO-ORDINATOR:**  
**PROFESSOR K.M. TAMIZHMANI**

# DEPARTMENT OF MATHEMATICS

Ramanujan School of Mathematical Sciences

The Department was established in 1986 and it aims to train people who are oriented towards research and teaching in advanced areas of Mathematics. The Department is supported by the University Grants Commissions's Special Assistance Programme (SAP) for Departmental Research Support, the Department of Science and Technology (DST), Government of India's FIST programme for the development of infrastructure and National Board for Higher Mathematics (NBHM), Department of Atomic Energy, Government of India's grant for Library Books.

## PROGRAMMES OF STUDY

**M.Sc. Mathematics**

**M.Sc. (Five year Integrated Course)**

**M.Phil. Mathematics (Full-time)**

**Ph.D. Mathematics**

(Full-time, Part-time (Internal & External))

### Course Pattern

A candidate of M.Sc. programme has to take 12 hard core courses and a minimum of 6 soft core courses.

A candidate of M.Phil. programme has to take 2 hard core courses and a minimum of 4 soft core courses and carry out a dissertation work.

## ENTRANCE EXAMINATION

The question paper for admission to M.Sc. Mathematics will comprise of 100 objective type questions at the B.Sc. level. A majority of questions will be on the following topics: classical algebra, sets, sequences, series, theory of equations, limits, continuity, differential calculus, integral calculus, ordinary differential equations, trigonometry, analytical geometry of 2D, conics, analytical geometry of 3D, real analysis, complex variable, modern algebra, group theory, rings and fields, vector spaces, matrices, determinants, linear transformations, rank, nullity, eigenvalues of linear transformations, vector calculus, statics, dynamics and elementary probability.

For admission to M.Phil./ Ph.D. there will be 100 questions of objective type at the M.Sc. level. A majority of questions will be drawn from algebra, linear algebra, real analysis, Lebesgue measure theory, complex analysis, functional analysis, topology, differential equations, differential geometry, analytical dynamics, graph theory, discrete mathematics, number theory, fluid mechanics and basic probability.

Unselected candidates in the merit list for admission to M.Sc. Mathematics will be considered for admission to M.Sc. Statistics, if they so desire. (PU/AS-II/Aca-II/2008-09 dated 15.12.2008)

## Infrastructure Facilities

The Department has a separate building, a seminar hall with modern state-of-the-art audio-video facilities, well-equipped computer laboratory and a library. Various mathematical softwares for course work and research are also available. The University subscribes for several national and international journals in Mathematics. The National Board for Higher Mathematics (NBHM) gives an annual grant of about Rs.6 lakhs for procuring books and journals for the library.

The department participates in the Special Coaching for Weaker Sections for UGC-CSIR NET and All India Services Examinations

## Placement

The Placement Officer of the University organizes campus interviews every year for the M.Sc. students.





## FACULTY

### Professor & Dean

**\*A.M.S. Ramasamy, Ph.D.** (I.I.T, Kanpur)  
*Specialization:* Number Theory

### Professor & Head

**\*V. Indumathi, Ph.D.** (University of Madras, Chennai)  
*Specialization:* Abstract Approximation Theory, Geometry of Banach Spaces

### Professor

**\*H.P. Patil, Ph.D.** (Karnatak University, Dharwad),  
Doc. Math. Sci. (University of Warsaw, Poland)  
*Specialization:* Graph Theory, Discrete Mathematics and Algorithms

**\*K.M. Tamizhmani, Ph.D.**  
(University of Madras, Chennai), FNASc.  
*Specialization:* Integrable Systems

## Readers

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

*Specialization:* Hydrodynamics Stability

**\*V. Muruganandam, Ph.D.** (I.I.T., Kanpur), On Leave

*Specialization:* Harmonic Analysis

## Lecturer (Senior Scale)

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

*Specialization:* Commutative Algebra

## Lecturer

**\*A. Joseph Kennedy, Ph.D.** (University of Madras, Chennai)

*Specialization:* Combinational Representation Theory

*\*Recognized supervisors for guiding Ph.D. candidates*



# DEPARTMENT OF STATISTICS

Ramanujan School of Mathematical Sciences

The Department of Statistics was established during October 2006. Currently, the department offers M.Sc. Statistics, M.Sc Five Year Integrated (Statistics) Program and also a Post Graduate Diploma in Statistical and Research Methods. The department will also offer Ph.D. (Statistics) program from the coming academic year 2010-11. The department aims to train students in the development and applications of Statistical techniques for analyzing data arising in the scientific investigation of problems in the various disciplines. It is also proposed to provide first hand practical experience in handling modern statistical softwares in the analysis of such data.

In the present scenario, it is rather impossible, even to think of any field which does not employ modern statistical tools to arrive at rational conclusions from research studies and a statistician is always an indispensable part of any research team carrying out any research investigation.

## PROGRAMMES OF STUDY

**M.Sc. - Statistics**

**M.Sc. - Five year Integrated Statistics**

**Ph.D. Programme in Statistics**

(Full-time, Part-time, Internal and External)

**P.G. Diploma in Statistical and Research Methods**

## ENTRANCE EXAMINATION

The question paper for the entrance examination for admission to the M.Sc. Statistics course will consist of 100 objective type questions. Out of these, 60 questions will be from the following topics:- Descriptive Statistics, Probability, Distribution, Statistical Inference, Design of Experiments, Quality Control and Vital Statistics at B.Sc. level. The remaining 40 questions will be from the following topics in Mathematics:- Matrices, Determinants, Sequence and Series, Differentiation, Integration and Algebra at the B.Sc. allied level.

The question paper for the entrance examination for admission to the Ph.D. programme will consist of 100 objective type questions. The syllabus for the examination will be Unit IV of the syllabus for the CSIR-UGC National Eligibility Test (NET). (Refer the website [www.csirhrdg.res.in](http://www.csirhrdg.res.in))

*Unselected candidates in the merit list for admission to M.Sc Mathematics will be considered for admission in M.Sc Statistics, if they so desire.*

## Infrastructure Facilities

The Department of Statistics has new premises constructed exclusively for the Statistics department. In the new location the department has all modern facilities. There is a separate seminar room and a computer laboratory equipped with all modern facilities exclusively meant for the department. There are thirty terminals in the laboratory which will enable the students to work independently of each other. More terminals will be added to the computer network system very shortly. The computer system supports the standard statistical softwares SPSS 17.0 and SYSTAT 12. The students will have ample opportunities to get themselves fully trained in the use of these softwares which will guarantee them immediate placement after graduation. The course curriculum includes a project work under hard core. This will enable the students to interact with industries and know about the real life applications of the statistical methodology using the statistical software.

During the last four years, Statistics books (both text book and reference book) worth more than Rs.15 lakhs have been added to the library, so that the students will not have any problem in accessing the necessary curriculum material. The department is also planning to have a department library which will have copies of text books and reference books needed for immediate reference by faculty and students.

The recently redrafted syllabus for the M.Sc course provides ample opportunities for the students to select job oriented Elective subjects according to their preferences.

## Placements

The Placement activities of the Department are taken care of by a Placement Cell which comprises of a student member and a faculty advisor. The placement cell organizes campus recruitment programmes every year and takes pride in facilitating placement for eligible students in Multinational Companies and other Government departments.

## FACULTY

### Professors

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

**M. Rajagopalan, Ph.D.** (Oklahoma State University, USA)  
UGC-Visiting Professor  
*Specialization:* Statistical Inference

### Lecturer (Senior Scale)

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

### Lecturers

**\*Navin Chandra, Ph.D.** (Banaras Hindu University)  
*Specialization:* Reliability Theory  
**Subhradev Sen, M.Sc.** (Visva-Bharathi Santiniketan)  
(on contract)

*\* Recognised supervisors for guiding Ph.D. candidates*





# SCHOOL OF PHYSICAL, CHEMICAL AND APPLIED SCIENCES

Dean: Prof. Dr. H. Surya Prakash Rao

Department of Physics  
Department of Chemistry  
Department of Earth Sciences  
Department of Applied Psychology



The School is uniquely placed to conduct interdisciplinary teaching and research activities in Physical Sciences. The Departments of the School offer M.Sc. (two year), M.Phil., and Ph.D. programmes. The Departments in the School also offer an integrated M.Sc. programme of five years duration in Physics, Chemistry and Applied Geology for the +2 students. All the Departments have distinguished faculty and excellent laboratory and computational facilities. There are more than

60 research scholars engaged in frontline areas of research. A very high percentage of M.Sc. students of the School have clear national level tests, UGC-CSIR, NET and GATE which stands as testimony for the quality of teaching and research. The students and researchers of the school routinely use common facilities like, Vibrating Sample Magnetometer (Lakeshore, USA), UV-VIS-NIR Spectrophotometer (Cary 5000), Scanning Electron Microscope with Energy Dispersive X-ray (SEM-EDX) Analyzer that are

recently acquired in the Central Instrumentation Facility (CIF), Nuclear Magnetic Resonance Spectrometer (400 MHz; Bruker, Germany), ICP MS and X-ray diffractometer, gamma ray chamber etc. Some Departments of the School are supported by DST-FIST programme and the Department of Chemistry, Physics, Earth Sciences are also supported by UGC-SAP funding. Sophisticated equipments have been procured under these funding and these are extensively used for teaching and research.

# DEPARTMENT OF PHYSICS

School of Physical, Chemical and Applied Sciences

The Department of Physics came into existence in June 1987. The department offers postgraduate programmes and conducts research in frontier areas of Physics. The Department has been recognized for special funding by DST under the fund for Improvement of Science and Technology Infrastructure (FIST-Level II) and UGC-SAP DRS-I Programms. The faculty members have obtained major research grants exceeding Rs 7.0 crore from different funding agencies such as DST, AICTE, UGC, IFCPAR, DRDO, DAE, INSA and CSIR, Government of India. The research activities have resulted in publication of more than 425 research papers in peer-reviewed journals. The members of the faculty have been accorded with several national, international awards, fellowships and are members in the National Committees, referees of many national and international journals. A large number of visitors come to interact with faculty/students and for collaborative research work with faculty members. At present, our faculty members are doing collaborative research work with leading scientists in India and Abroad and are doing International projects with Germany and Brazil Scientific agencies. The Department currently offers a five-year integrated M.Sc., a two-year M.Sc with three specializations viz., Lasers, Condensed Matter Physics and Electronics.

## PROGRAMMES OF STUDY

**M.Sc.** Physics (2 years), with three specializations  
Condensed matter physics, Electronics, Laser physics

**M.Sc.** Physics (5 year Integrated)

**M.Phil.** Physics

**Ph.D.** Physics (Full-time)

## ENTRANCE EXAMINATION

The question paper will consist of 100 objective type questions. For M.Sc.(Physics) – Five Year Integrated: The objective question paper covers all the subjects equally among Physics, Chemistry and Mathematics at +2 level.. For M.Sc.(Physics) (2 years): The objective question paper covers all the subjects at U.G. degree with Physics as Main and Mathematics and Chemistry as ancillaries. For M.Phil. and Ph.D. Courses: The objective question paper covers all the subjects under P.G. course in Physics.

**Research / Placement Opportunities:** The students of Department were placed in leading scientific laboratories as well as in MNCs. Our students have been successful in the national level examinations viz., GATE / CSIR-UGC resulting in research placements in India and Abroad

Research seminars by eminent scientists in and abroad and also by students are periodically organized for the benefit of research scholars and P.G. students. We have also conducted several national level seminars / workshops and many DST-PAC meetings to encourage research activities.

## The thrust areas of research are:

- ▶ Materials science & Nanomaterials
- ▶ Solid State Ionics & Battery Materials
- ▶ Nonlinear optics and dynamics, Solitons
- ▶ Magnetism & Magnetic Materials
- ▶ Semiconductor & Photonic Materials
- ▶ Lasers & Photonics
- ▶ Computational Physics & Biophysics
- ▶ Ion-Solid Interactions

## Infrastructure Facilities

Powder X-ray diffractometer, Impedance analyzer, FT-IR spectrometer, Laser based experiments, Computing laboratory, Ultrasonic interferometer, Microwave bench, Glove box, Battery cycle tester, Differential Scanning Calorimeter, Susceptibility meter, High temperature furnaces, Spinner magnetometer. AFM/STM, Thin film Unit Infrastructure facilities. In addition to the above facilities, we have well equipped Central Instrumentation Facility with the following facilities for advanced research work: Fourier Transform Infrared Spectrometer, Differential Scanning Calorimeter, Impedance Analyser, Ultrasonic Pulse Echo Interferometer, VSM (Lakeshore), UV-VIS-IR Spectrometer (Varian), Digital Nano Volt and Current Meters (Keithely), MMR, Scanning Electronic Microscope, Virtual Instrumentation System Lab, Spectrofluorimeter, Nd-YAG, Titanium Sapphire Laser etc.

## Admission

Admission to all the above programmes are through a national level entrance examination. The NET/ JRF qualified candidates with fellowships will be given direct admission to Ph.D. programmes.



## FACULTY

### Professor

**\* T. K. Nambinarayanan, Ph.D.**

(University of Madras, Chennai)

*Specialization:* Acoustics, Chemical Physics, Magnetic Resonance.

**\* N. Satyanarayana, Ph.D.** (I.I.T, Chennai),

*Specialization:* Solid State-Ionics, Solid State Spectroscopy, Crystal Growth, Magnetic Resonance.

**\*G. Govindaraj, Ph.D.** (University of Madras, Chennai)

*Specialization:* Impedance / Dielectric Spectroscopy, Solid State-Ionics, Experimental Condensed Matter Physics

**\* K. Porsezian, Ph.D.**

(Bharathidasan University, Tiruchirapalli)

*Specialization:* Nonlinear Dynamics, Nonlinear Fiber optics, Solitons, Theoretical Physics.

### Readers

**\* G. Chandrasekaran, Ph.D.**

(Annamalai University, Annamalai Nagar)

*Specialization:* Geo-magnetism, Magnetism and Magnetic materials, Spectroscopy.

**\* V. V. Ravi Kanth Kumar, Ph.D.** (S. V. University, Tirupati)

*Specialization:* Photonic Crystal Fibers, Glass / Glass-ceramics, Spectroscopy.

**\*S. Sivaprakasam, Ph.D.**

(University of Hyderabad, Hyderabad)

*Specialization:* Semiconductor Lasers, Secure communications.

**\*R. Sivakumar, Ph.D.** (I.I.T, Madras)

*Specialization:* Experimental Condensed Matter Physics, Hydrogen Storage Materials, Fluid dynamics, Computational Physics.

### Lecturer

**\*S. V. M. Satyanarayana Ph.D.**

(University of Madras / IGCAR, Kalpakkam)

*Specialization:* Nonlinear Dynamics, Statistical Mechanics, Biophysics, Computational Physics.

**A. Ramesh Naidu, M. Phil.** (University of Hyderabad),  
*Specialization:* Condensed Matter Physics, Cognitive Science.

**\* Alok Sharan Ph.D.** (I.I.T Kanpur),

*Specialization:* Lasers, Experimental nonlinear Optics.

**\* Rabindra Nath Bhowmik Ph.D.**

(Jadavpur University / SINP, Kolkotta),

*Specialization:* Experimental condensed matter physics, Magnetism and Magneto-transport phenomena.

**S. V. S. Nageswara Rao, Ph.D.**

(University of Hyderabad, Hyderabad)

*Specialization:* Experimental condensed matter physics, Semiconductor multilayers, Hydrogen in silicon, Ion-solid interactions.

*\*Recognized supervisors for guiding Ph.D. candidates*



# DEPARTMENT OF CHEMISTRY

School of Physical, Chemical and Applied Sciences

The Department of Chemistry, started in 1987, offers 2 years M.Sc., (Chemical Sciences), 5 year M.Sc., (Chemistry) Integrated, M.Phil., and Ph.D. programs. From the very beginning, the department has an excellent track-record of finding its post-graduate students qualify for the National level tests, such as UGC-CSIR NET/GATE to seek academic progression. In fact, during 2009, all the M.Sc. students of the Department have qualified either CSIR JRF/UGC JRF/Lectureship and GATE or both. In the 2009 GATE examination, the students obtained great scores, and frontline all India ranks. Pharmaceutical companies visit the Department every year and conduct campus interviews to recruit students for suitable positions. The Department of Chemistry is well equipped to support high quality teaching and international standard research activities. The Department has highly qualified faculty members to conduct research in forefront areas of Chemistry. Research work of faculty members is supported by the premier national funding agencies such as DST, CSIR, UGC and AICTE. Research output is recognized by publications in International and National journals and by awards. Interdisciplinary and collaborative research is a feature of the Department. The faculty and research scholars take active participation in National and International conference/workshops to present the results of their research work. A good number of visitors come to interact with the faculty / students and to give lectures. There are about 45 Ph.D. and 25 M.Phil. scholars engaged in research activities. The Department is supported by the Department of Science & Technology, Govt. of India through FIST program and by the University Grants Commission's SAP (DRS) programs to achieve academic potentials.

## PROGRAMMES OF STUDY

- M.Sc.** Chemistry (5 year Integrated)
- M.Sc.** Chemical Sciences (2 years)
- M.Phil.** Chemistry (Full Time)
- Ph.D.** Chemistry (Full Time, Part Time (Internal))

## ENTRANCE EXAMINATION

**M.Sc. (Chemistry) – (Five-year Integrated):** The selection is based on Entrance Test comprising Objective type questions. The question paper consists of 100 questions, out of which 10 questions are from English at +2 level and the remaining 90 questions are distributed equally among Physics, Chemistry and Mathematics at +2 level.

*Eligibility:* +2 passed students with overall 55% and at least 55% marks in each of chemistry, Mathematics and Physics. For SC/ST students mere pass in +2 with above subjects.

**M.Sc. Chemical Sciences (2 years):** The selection is based on Entrance Test comprising Objective type questions. The question paper consists of 100 questions, out of which 10 questions are from mathematics at +2 level and the rest 90 questions are distributed equally among Inorganic, Organic and Physical Chemistry at under graduate level.

*Eligibility:* B.Sc. (Chemistry as atleast one subject) passed students with over all 55% and atleast 55%

marks in Chemistry. For SC/ST students mere pass in B.Sc. (Chemistry as atleast one subject). In addition, students should have Maths in +2.

**M.Phil. Chemistry (Full-Time):** The selection is based on Entrance Test comprising Objective type questions. The question paper consists of 100 questions, out of which 10 questions are from Theoretical Chemistry, while the remaining 90 questions are distributed equally among Inorganic, Organic and Physical Chemistry at post graduate level.

*Eligibility:* M.Sc. Chemistry (or related subjects ) passed students with 55%. For SC/ST students mere pass in M.Sc. (or related subjects ) In addition, students should have Maths in +2.

**Ph.D. Chemistry (Full-Time, Part-Time (Internal)):** The selection is based on entrance examination held in common with M.Phil. Entrance Test. The question paper consists of 100 questions, out of which 10 questions are from Theoretical Chemistry, while the remaining 90 questions are distributed equally among Inorganic, Organic and Physical Chemistry at Post Graduate level. The candidates, who are getting fellowships such as JRF/SRF etc from National funding agencies, are exempted from taking written examination.

*Eligibility:* M.Sc. Chemistry (or related subjects ) passed students with 55%. For SC/ST students mere pass

in M.Sc. (or related subjects) In addition, students should have Maths in +2. Moreover, the students who prefer to join with Professor K. Anbalagan, Bidhu Bhusan Das and Dr. M.M. Balakrishnarajan are required to have studied Mathematics as one of the subjects / allied subject at B.Sc. level.

## Infrastructure Facilities

The Department has excellent working culture and facilities to carry out research in forefront areas of Chemistry. Research facilities include EPR (X-band), NMR (400 and 60 MHz), Single Crystal XRD, FT-IR, GC-MS, HPLC, Digital Polarimeter, Atomic Absorption Spectrometer, Glove Box and Silicon graphics to conduct research in areas such as Magnetic Resonance, Organic Synthesis, Solid-State Chemistry, Photocatalysis of Nano particles, Inorganic Photochemistry, Organometallic Chemistry, Porphyrin Chemistry, Green Chemistry and Theoretical Chemistry. The Department has excellent computational facility and computer networking for intra and internet. Other sophisticated instruments such as ESI-MS, C/H/N/S analyzer, X-ray fluorescence, EPR (Q-band), etc will be added very shortly. All the faculty members have individual laboratories with good research equipments to carry out day-to-day research. The scholars have access to several online journals and databases. The faculty members have Research collaborations with other departments in the University and other National / International Universities. Research seminars, invited lectures and group discussions are constantly held for the benefit of faculty, research scholars and students. The Department also conducts national seminars and DST-PAC meetings to strengthen the research activities.

## Placements

Out going Ph.D., M.Phil., and M.Sc. students find employment in leading pharmaceutical companies like Dr. Reddy Research Laboratories, Shasun Drugs, G.V.K Biosciences, SRF, Orchid Chemicals and Pharmaceuticals Limited etc. Scholars/ students find employment through campus interviews as well as by direct contact. Some of the M.Sc. students qualified in TOEFL and GRE and get admissions in USA, Canada and European Universities for Ph.D. programs. The Research scholars after their successful completion of Ph.D. get Post doctoral position in renowned Universities/ Institute in USA, Canada, Japan and European countries..

## Ongoing Research Projects

Faculty research is supported by national funding agencies for about Rs.250 lakhs by DST, CSIR, UGC, AICTE, etc. and also the Department is supported (around Rs. 250 lakhs) by special funding through DST – FIST program and UGC-SAP (DRS) program

## FACULTY

### Professors

**\*H. Surya Prakash Rao, Ph.D.** (IISc, Bangalore)

*Specialization:* Synthetic Organic Chemistry, Stereochemistry, Green Chemistry and Industrial Organic Chemistry.

**\*P. Sambasiva Rao, Ph.D.** (IIT-Madras, Chennai) (Head)

*Specialization:* Single Crystal EPR Studies on transition metal ions; EPR and Optical Studies on minerals; Bio-chemistry EPR, EPR Dating, Chemical Oscillators.

**\*K. Anbalagan, Ph.D.** (University of Madras, Chennai)

*Specialization:* Nanomaterial Photocatalysis, Optical / Electronics properties of Nano crystalline semi conductors, Reaction modelling by Correlation Analysis, surface Adsorption Dynamics.

**\*Bidhu Bhusan Das, Ph.D.** (IIT-Kanpur, Kanpur)

*Specialization:* Synthesis and state-of-the-art structure-Property relations in Electronic and Magnetic Materials, Magnetic Resonance Spectroscopy (EPR, NMR).

### Associate Professors

**\*R. Venkatesan, Ph.D.** (IIT-Bombay, Mumbai)

*Specialization:* Inorganic Photochemistry, EPR of Bio-molecules, Computers in Chemical Education, Electrochemistry.

**\*Bala. Manimaran, Ph.D.** (IIT-Bombay, Mumbai)

*Specialization:* Organometallics, Nanoscale Materials and Supramolecular Chemistry.

### Assistant Professors

**\*G. Vasuki, Ph.D.**

(Madurai Kamaraj University, Madurai)

*Specialization:* Green Chemistry, Stereoselective Synthesis and Chemistry Education (Constructivist Learning).

**\*N. Dastagiri Reddy, Ph.D.** (IIT-Kanpur, Kanpur)

*Specialization:* Main group organometallics, transition metal based homogenous catalysis.

**\*M.M. Balakrishnarajan, Ph.D.**

(Bharathidasan University, Tiruchirappalli)

*Specialization:* Chemical Information Sciences.

**\*C.R. Ramanathan, Ph.D.**

(University of Hyderabad, Hyderabad)

*Specialization:* Asymmetric Synthesis, Drug design and discovery.

**\*Binoy Krishna Saha, Ph.D.**

(University of Hyderabad, Hyderabad)

*Specialization:* Crystal Engineering, Host-guest Chemistry, Polymorphism.

*\*Recognized supervisors for guiding Ph.D. candidates*

# DEPARTMENT OF EARTH SCIENCES

School of Physical, Chemical and Applied Sciences

The Department of Earth Sciences at Pondicherry University was started in September 1994. The Department is being supported by UGC-Special Assistance Programme at DRS level and by DST-FIST programme. The Department strives to achieve academic excellence and to produce geoscientists with world class training.

## PROGRAMMES OF STUDY

### **M.Sc. Applied Geology (2 years)**

### **M.Sc. Applied Geology (5 years)**

These M.Sc. courses are designed to develop basic understanding of the earth and the earth processes, as well as to develop skills to apply this knowledge to solve problems of scientific and national importance. Curriculum includes theory courses offered by experienced faculty, lab courses with world class equipment facilities, intensive field training at the best locations in the country, and a project work supported by modern laboratory facilities.

### **M.Tech. Exploration Geosciences (2 Years)**

This post-M.Sc. course is being introduced in 2010-11 session with an emphasis to provide specialized training in mineral, petroleum and groundwater exploration.

### **Ph. D. Earth Sciences (Full-time, Part-time (Internal & External))**

The research programme includes courses designed to develop research orientation, and supervised research work in conventional as well as emerging areas of geoscience, supported by state of the art research facilities and sophisticated research equipments including XRD, ICP-AES, TIMS, optical microscopes and heating-freezing stage.

## ENTRANCE EXAMINATION

Selection for M.Sc. Applied Geology will be based on performance in entrance examination which will include objective type questions in Geology at B.Sc. level. Selection for Integrated M.Sc. Applied Geology will be based on entrance examination consisting of objective type questions in Physics, Chemistry and Mathematics at +2 level. For admission to Ph.D., there will be an examination consisting of objective type questions at M.Sc. level.

## Infrastructure Facilities

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

**Mineralogy, Petrology & Paleontology Laboratories:** Students and Research model Polarizing Microscopes with Photographic facility heating-freezing stage for fluid inclusion Analysis Stereoscopic zoom microscopes, X-ray Powder Diffractometer, Isodynamic Magnetic Separator.

**Museum :** Geology museum having a collection of about 800 rock forming minerals, Ore minerals, Industrial minerals, various type of rocks and fossils.

**Geochemistry Laboratory:** Inductively Coupled Plasma Atomic Emission Spectrometer, Furnace, Electronic balance, Spectrophotometer, Flame photometer, Conductivity meter, pH meter, MilliQ Water Purifier.

**Isotope Geoscience Laboratory:** Thermal ionization mass spectrometer with ultra-clean laboratory to carry out Rb-Sr, Sm-Nd and U-Th-Pb isotope studies.

**Computing and Network Facility:** Adequate number of PCs with internet connectivity through University intranet and online access for large number of journals and other e-resources.

**Field Equipments:** Global positioning system, Survey equipments, SLR and Digital cameras.

**Geoscience Workshop:** Rock cutting machine, Thin section preparing machine, Mounting machine for polished ore blocks, Ball mill and Planetary mill with agate grinding sets, Automatic sieve shaker.

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



## Research Activities

The research areas offered by the Department are Geochemistry, Isotope Geochronology, Ore Geology, Sedimentology, Paleontology, Structural Geology, Tectonics and Metamorphic Petrology. Interdisciplinary research with the Departments of Chemistry and Physics are being actively pursued in the field of EPR spectroscopy of minerals and paleomagnetism. Inter-institutional collaborative research involving IITs, and PRL is also in progress. Presently, 18 full-time and 2 part-time scholars are working for Ph.D. All the faculty members have generated research grants funded by DST, CSIR etc. Six research projects (Rs.41.63 lakhs) sponsored by DST, CSIR and IUAC have been completed by the faculty members of the department during the last 5 years and presently there are ten ongoing research projects sponsored by DST, BRNS, ISRO and NSC (Rs. 179 lakhs). Recognising the research capability of the Department, DST has provided funds under FIST programme (Rs. 78 lakhs) for the Second Phase and UGC has sanctioned funds under SAP-DRS programme (Rs. 70 Lakhs) recently.

## Placement Opportunities

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

## Ongoing Developments:

Nine new faculty positions have been sanctioned to the Department of Earth Sciences and one more faculty position is available on vacancy. Pondicherry University

has already initiated recruitment process to fill this ten faculty positions. A new ICP-Mass Spectrometer Lab is being developed now and a Laser ablation system will also be added to this facility.

## FACULTY

### Professors

**\*S. Balakrishnan, Ph.D.**

(Jawaharlal Nehru University, New Delhi)

*Specialization:* Isotope Geology, Geochemistry.

**\*M.S. Pandian, Ph.D.** (Indian School of Mines, Dhanbad)

*Specialization:* Economic Geology, Mineral Exploration.

### Readers

**\*D. Senthil Nathan, Ph. D.** (IIT, Kharagpur)

*Specialization:* Paleontology, Sedimentology.

### Lecturers (Senior Scale)

**\*Pramod Singh, Ph.D.**

(Jawaharlal Nehru University, New Delhi)

*Specialization:* Geochemistry, Sedimentology.

**\*Rajneesh Bhutani, Ph.D.**

(Physical Research Laboratory, Ahmedabad)

*Specialization:* Isotope Geology, Tectonics.

### Lecturer

**\*Subhadip Bhadra, Ph.D.** (IIT, Kharagpur)

*Specialization:* Structural Geology, Metamorphic Petrology

*\* Recognized supervisors for guiding Ph.D. candidates*





# DEPARTMENT OF APPLIED PSYCHOLOGY

School of Physical, Chemical and Applied Sciences

**CO-ORDINATOR: DR. V.C. THOMAS**

## PROGRAMMES OF STUDY

### **M.Sc. Applied Psychology**

As for M.Sc. Applied Psychology, the first two semesters are common for all the students which include papers on Advanced General Psychology, Social Psychology, Psychopathology, Experimental Psychology, etc. In the third and fourth semesters, students have to select either Clinically related Counselling specialization or Industrial or Organizational psychology specialization. Papers on Organization Behaviour, Human Resource Development, Marketing Psychology, Labour Legislation and HR Practices, etc. will be taught in Industrial Psychology specialization. Psychodiagnostics, Neuro-psychology, Therapeutic Psychology, Educational and Vocational Counselling, etc. will be taught for Clinically Related Counselling specialization.

### **Ph.D. (Full-time & Part-time)**

At present the department has established scholars to guide the doctoral students in different areas of psychology.

## ENTRANCE EXAMINATION

The selection of the students for both M.Sc. and Ph.D. is through an All India Entrance examination conducted by the University. It consists of 100 objective type questions on psychology and allied subjects. There may be some questions on general knowledge and current affairs.



## Infrastructure Facilities

The Department has two well equipped laboratories for experimental psychology and clinical psychology. It also has a departmental counselling centre, well stacked library and spacious class rooms.

## Field work and internship

Under both the specializations, students have to do extensive field work assignments at three spells during third and fourth semesters in HR departments of major organization or Hospitals, Clinics, NGO, etc. depending upon their specialization. During the fourth semester students have to undergo 3 months internship and submit a dissertation to the University.

## FACULTY

### Professors

**\*V.C. Thomas, Ph.D.** (Delhi University, Delhi)

*Specialization:* Humanistic Psychology, Phenomenological Psychology

### Readers

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

*Specialization:* Cross-cultural Psychology, Mental Health, Cognitive Processes, School Psychology

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

*Specialization:* Organizational Psychology, Research Methods, Statistics in Psychology

### Lecturers

**D. Dhanalakshmi, Ph.D.** (Osmania University, Hyderabad)

*Specialization:* Health Psychology

**D. Barani Ganth, M.Phil.**

(Bharathiar University, coimbatore)

*Specialization:* Industrial Psychology, Counselling Psychology

**Rejoyson Tangal, M.Sc.** (University of Mysore, Mysore)

*Specialization:* Evolutionary Psychology

## SCHOOL OF LIFE SCIENCES

Dean: Prof. PRIYA DAVIDAR

Department of Biochemistry and Molecular Biology  
Department of Biotechnology  
Department of Ecology and Environmental Sciences  
Department of Ocean Studies and Marine Biology  
Department of Coastal Disaster Management  
Department of Food Science and Technology  
Centre for Bioinformatics

The School of Life sciences has five Departments and one centre offering diversified courses at the postgraduate levels (M.Sc. and M.Tech.) and research in interdisciplinary frontier

areas leading to Ph.D. degrees. The Department of Marine Biology and Ocean Studies is based in Port Blair, Andaman Islands. The School is developing into a dynamic hub for

multidisciplinary and cutting edge research carried out in collaboration with institutions in India and abroad.



# DEPARTMENT OF BIOCHEMISTRY AND MOLECULAR BIOLOGY

School of Life Sciences

The Department of Biochemistry & Molecular Biology was started as the Department of Biological Sciences under School of Life Sciences in 1987 and had been offering M.Sc., M.Phil., and Ph.D. degrees in Life Sciences. In 2004, the Department was renamed as Department of Biochemistry & Molecular Biology and have been offered M. Sc. and Ph. D. courses in Biochemistry and Molecular Biology (BMB).

This Department offers a congenial environment for knowledge development, research training and for individual growth. The Department has an excellent complement of teaching Faculty who are involved in basic and applied research in different areas of Biochemistry and Molecular Biology. The areas of research focus includes Reproductive biology, Microbial Biochemistry, Protein Biochemistry & Metabolism, Phyto-regulation, Developmental Biology, Systematic Anatomy, Biopesticides, Immunology, Cancer biology, Liver toxicity etc. The Faculty in the Department have established research collaborations with Indian and foreign investigators. Two of the faculty members were awarded the Rockefeller Foundation Biotechnology Career Award and one of the faculty members got Biotechnology Overseas Award (DBT). Many of our faculty members received visiting scientistships from Population Council (USA), Fogarty Foundation (USA), John Hopkins University (USA), Cleveland Clinic (USA), INSA-DFG, CSIR-CNRS. and visited USA, Germany and France. Apart from these prestigious awards, the faculty members have been traveling within India and abroad on various academic assignments.

The Department received support from DST for special funding under DST-FIST program during the period 2002-2007 and again the DST-FIST-repeat support in 2009. The Department has obtained extramural funding worth several crores of money from different National funding agencies including DST, DBT, UGC, CSIR, ICMR, DRDO and Ministry of Environment & Forests. The Department has collaboration with the Cleveland Clinic, USA for training students in Reproductive Biology.

## PROGRAMMES OF STUDY

- M.Sc.** Biochemistry & Molecular Biology
- M.Sc.** Microbiology - Self-financed (offered jointly with the Dept. of Food Science & Technology).
- Ph.D.** Biochemistry & Molecular Biology (Full Time)



## ENTRANCE EXAMINATION

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

For admission into the Ph.D. program, UGC/CSIR- NET qualified students are admitted directly to the Ph.D. program. Students can also join the Ph.D. Program based on the merit list in the National Level Entrance Examination conducted by Pondicherry University and are entitled to receive University fellowship. Research Fellows selected in Research Projects who are desirous to register for Ph.D. have to appear for the above Entrance Examination.

## Thrust Areas of Research

Reproductive Biology  
 Natural Products- Thermostable Enzymes, Phytohormones, Metabolism and Gene Expression.  
 Microbial Biochemistry & Biotechnology  
 Plant Physiology, Systematic & Developmental Anatomy and Biopesticides.  
 Natural Principles and Liver toxicity.  
 Phytomedicine and cell-cell interactions  
 Cell signaling in degenerative diseases -Cancer, Diabetes, and Liver Cirrhosis.  
 Natural Principles and Reproductive toxicity

## Laboratories and Instrumentation Facilities

The Department has state of the art laboratories with an excellent modern instrumentation facility for teaching and advanced research in Biochemistry and Molecular Biology. The Department has facilities to carry out research in invitro and in vivo systems. The instrument facility includes- High Speed Refrigerated Centrifuges, Ultracentrifuge, Ultra sonicator, PCR, ELISA, Trans-blot apparatus, Geldoc apparatus, Temperature controlled plant growth chamber, CO<sub>2</sub>-incubators, Phase contrast microscope, UV-Vis Spectrophotometers, Ultra pure water-purifier and cold room. The Department has an exclusive computer laboratory with a high speed internet connectivity.

## Special Grants Received

The Department has received DST-FIST repeat support in 2009.

## Employment Orientation / Skill Formation / Knowledge Generation

Every year a number of students from this Department qualify in the UGC/CSIR-NET Exam and GATE and enter into premier research institutes in India. Also some of our students get high scores in GRE/TOEFIL exams and enter foreign universities to pursue their Ph.D. programs in US and European Countries. Many have been placed in Pharmaceutical, Biotechnology and Bioinformatics companies.

## FACULTY

### Professors

**\*Dr. P.P. Mathur, Ph.D.**

(Banaras Hindu University, Varanasi)

*Specialization:* Reproductive Biochemistry and Molecular Biology, Environmental Endocrinology and Bioinformatics

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

*Specialization:* Nutrition Biochemistry, Microbial Biochemistry and Biotechnology

**\* Dr. B. Kannabiran, Ph.D.** (University of Madras, Chennai)

*Specialization:* Pharmacognosy, Systematic Anatomy, Developmental Biology, and Biopesticides

### Associate Professor

**\* Dr. K. Srikumar, Ph.D.**

(University of Hyderabad, Hyderabad)

*Specialization:* Protein Biochemistry, Enzymology, Cytokines and Molecular biology

### Assistant Professor

**\*Dr. R. Rukkumani, Ph.D.**

(Annamalai University, Chidambaram)

*Specialization:* Biochemistry and Molecular Biology, Natural Principles and Liver Toxicity and Gene Delivery

**\*Dr. S. Sudha Rani, Ph.D.**

(VCRC, Pondicherry University, Puducherry)

*Specialization:* Bio chemistry, Immunology, Cell Signaling in Diabetes

**\*Dr. C. Thirunavukkarasu, Ph.D.**

(University of Madras, Chennai)

*Specialization:* Cancer biology, Liver cell-cell interaction and Phytomedicine.

**Dr. P. Latha, Ph.D.** (University of Madras, Chennai)

*Specialization:* Biochemistry, Genetic engineering and Reproductive toxicity.

## RECOGNIZED EXTERNAL GUIDE

**\*\* Dr. R .S. Verma, Ph.D.**

(Associate Professor, Dept. of Biotechnology, IIT, Chennai)

*Specialization:* Stem cell biology, Tissue regeneration, Folate receptor and Immunotoxins

*\* Recognized as Supervisor for guiding scholars leading to Ph.D. Degree*

*\*\* External guide*



# DEPARTMENT BIOTECHNOLOGY

School of Life Sciences

Since its inception in the year 1992 the Department of Biotechnology has been offering M.Sc. and Ph.D. programmes in Biotechnology. The students admitted to M.Sc. Biotechnology programme are those selected in the combined entrance examination conducted by Jawaharlal Nehru University, New Delhi on an all India basis. The Department of Biotechnology, Govt. of India has given an additional grant to strengthen the M.Sc. Biotechnology teaching programme. To augment the infrastructure facility and to develop a vibrant research group, the members of the faculty have attracted extramural funding from both national (UGC, DBT, DST, CSIR, AICTE and BRNS) and international (Rockefeller Foundation and Danish Government) funding agencies. The publications coming out from the Department attest to the exemplary research work carried out in the Department.

## PROGRAMMES OF STUDY

**M.Sc. Biotechnology**

**Ph.D. Biotechnology (Full-time)**

**PG-Diploma in Biotechnology**

## ENTRANCE EXAMINATION

### **M. Sc. Biotechnology**

Eighteen students are admitted based on merit in the All India entrance examination conducted by Jawaharlal Nehru University, New Delhi. Additionally, 2 top ranking students from among those who appear in the entrance examination who are also natives of U.T. of Puducherry are also admitted to M.Sc Biotechnology programme. Twelve students are admitted under self financing mode (Rs. 1,00,000/- per year) based on merit in the entrance examination conducted by Pondicherry University. All the students admitted to M.Sc Biotechnology programme through JNU-DBT entrance examination are offered a fellowship of Rs.1,200/- p.m.

### **PG-Diploma in Biotechnology**

This is an Add-on course of two semester duration offered during evening hours. Twenty students are admitted based on merit in the qualifying examinations and reservation is given as per University norms.

### **Ph.D. Biotechnology (Full-time)**

The Department offers a full time Ph.D. programme and students are admitted based on the entrance examination conducted by the University. The students who have joined the research projects awarded to the faculty members are required to qualify in the University entrance examination.





## Thrust Areas of Research

- Isolation of bioactive compounds
- Nucleic acid and immunodiagnosis of plant and fish pathogens
- Immunostimulants and probiotics for disease control in fish and shrimp
- Plant genomics
- Genetic engineering of crop plants for disease resistance
- Quorum sensing in bacteria

## Special research grants received

The Department receives research grants from various organizations like DBT, DST, UGC, CSIR, Puducherry Government. The Department is supported by the DST-FIST and the UGC-SAP programmes.

All M.Sc. students undergo summer training in National Research laboratories and Universities in India.

## Infrastructure facilities

The Department has well-equipped, spacious laboratories with all modern facilities such as cold room, photodocumentation facility, plant tissue culture facility, biosafety facility, animal cell culture facility and animal house. The Department also has sophisticated equipments such as high speed refrigerated centrifuges, UV spectrophotometers, bioreactors, CO<sub>2</sub> incubator, gel apparatus, gel documentation system, ELISA reader, multimode detector, PCR, Real-time PCR, Flash Chromatography, HPLC, GC, LCMS, vacuum concentrator, lyophilizer and phase contrast, fluorescence and inverted microscopes.

## FACULTY

### Professors

#### \*S. Jayachandran, Ph.D.

(Haryana Agricultural University, Hissar)

*Specialization:* Microbiology, Genetic Engineering.

#### \*N. Sakthivel, Ph.D. (University of Madras, Chennai)

*Specialization:* Plant Biotechnology, Molecular Plant Microbe Interaction.

### Readers

#### \*N. Arumugam, Ph.D. (University of Delhi, Delhi)

*Specialization:* Plant Biotechnology, Biochemistry, Molecular Plant Breeding.

#### \*V. Arul, Ph.D. (Madurai Kamaraj University, Madurai)

*Specialization:* Aqua Culture, Marine Biotechnology.

### Lecturers

#### \*Lata Shukla, Ph.D.

(Jawaharlal Nehru University, New Delhi)

*Specialization:* Free Radical Research and Food Biotechnology.

#### \*K. Prashanth, Ph.D.

(JIPMER, Pondicherry University, Puducherry)

*Specialization:* Medical Biotechnology, Immunology, Medical Microbiology.

#### V. Venkateswara Sarma, Ph.D.

(Madras University, Chennai)

*Specialization:* Marine Microbiology and Microbial Ecology

#### V. Balasubramanian M.Sc.

(Tamilnadu Agricultural University, Coimbatore)

*Specialization:* Agricultural Biotechnology

\* Recognized supervisors for guiding Ph.D. candidates.



# DEPARTMENT OF ECOLOGY AND ENVIRONMENTAL SCIENCES

School of Life Sciences

The major objective of this Department has been to provide interdisciplinary high quality education to students in order to deepen their understanding of contemporary ecological and environmental problems. The faculty have received international and national research awards and medals. Some have also been elected to the fellowship of National Academics and Professional Societies and are on the editorial boards of national & international journals.

## PROGRAMMES OF STUDY

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

## ENTRANCE EXAMINATION

Selection of students for M.Sc. and Ph.D. is based on All India Entrance Examination. The question paper will consist of objective type questions.

## Thrust Areas:

Biodiversity and conservation; Environmental Pollution; Agro-Ecosystem; Weed Ecology; Land use planning; Resource management; Wetland Ecology; Mathematical Modeling; Human Ecology and Environmental Health; Remote sensing and GIS; Marine Ecology, Coastal Zone Management, Constructed wetlands.

## R & D Projects:

Faculty members received funds for research projects from UGC, DST, MOEF, ONGC, Rockefeller Foundation and other funding agencies.

## Placement

Students from this Department are working with TERI (New Delhi), ATREE (Bangalore) WII (New Delhi), Department of Environment of Puducherry Govt. and Govt. of Jammu & Kashmir and in various other Universities in India and abroad.

## Infrastructure facilities

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

## FACULTY

### Professor & Dean

**\*Priya Davidar, Ph.D.** (Bombay University, Mumbai)  
*Specialization:* Conservation Biology, Plant Animal Interactions, Behavioural Ecology, Field Ornithology.

### Professors

**\*Anisa B. Khan, Ph.D.**  
(Andhra University, Visakhapatnam)  
*Specialization:* Environmental Epidemiology, Bio Remediation, Industrial Ecology, Resource Recycling & Management, Marine Ecology

**\*M. Vikram Reddy, Ph.D.**  
(North Eastern Hill University, Shillong)  
*Specialization:* Applied Soil Ecology; Soil Faunal Biodiversity; Pesticide Effects; Water Pollution; Wildlife Ecology; Ecotechnology and Environmental Biotechnology.

**\*N. Parthasarathy, Ph.D.** (University of Madras, Chennai)  
*Specialization:* Biodiversity & Conservation, Forest Ecology, Diversity and Ecology of lianas, Medicinal Plant Resources

**\*K.V. Deviprasad, Ph.D.**  
(Purdue University, USA) (on leave)  
*Specialization:* Bio-Physics; Theoretical Studies; Environmental Law & Policy.



## Readers

**\*G. Poyyamoli, Ph.D.**

(Madurai Kamaraj University, Madurai)

*Specialization:* Human Ecology, Eco-Tourism, Agro-Ecology and Industrial Ecology

**\*D. Ramamoorthy, Ph.D.**

(Annamalai University, Chidambaram)

*Specialization:* Agriculture and Weed Ecology.

**\* A. Yogamoorthi, Ph.D.**

(Annamalai University, Chidambaram)

*Specialization:* Marine Ecology, Marine Biodiversity, Constructed wetlands, Bioactive compounds

## Lecturer (Selection Grade)

**\*S.M. Sundarapandian, Ph.D.**

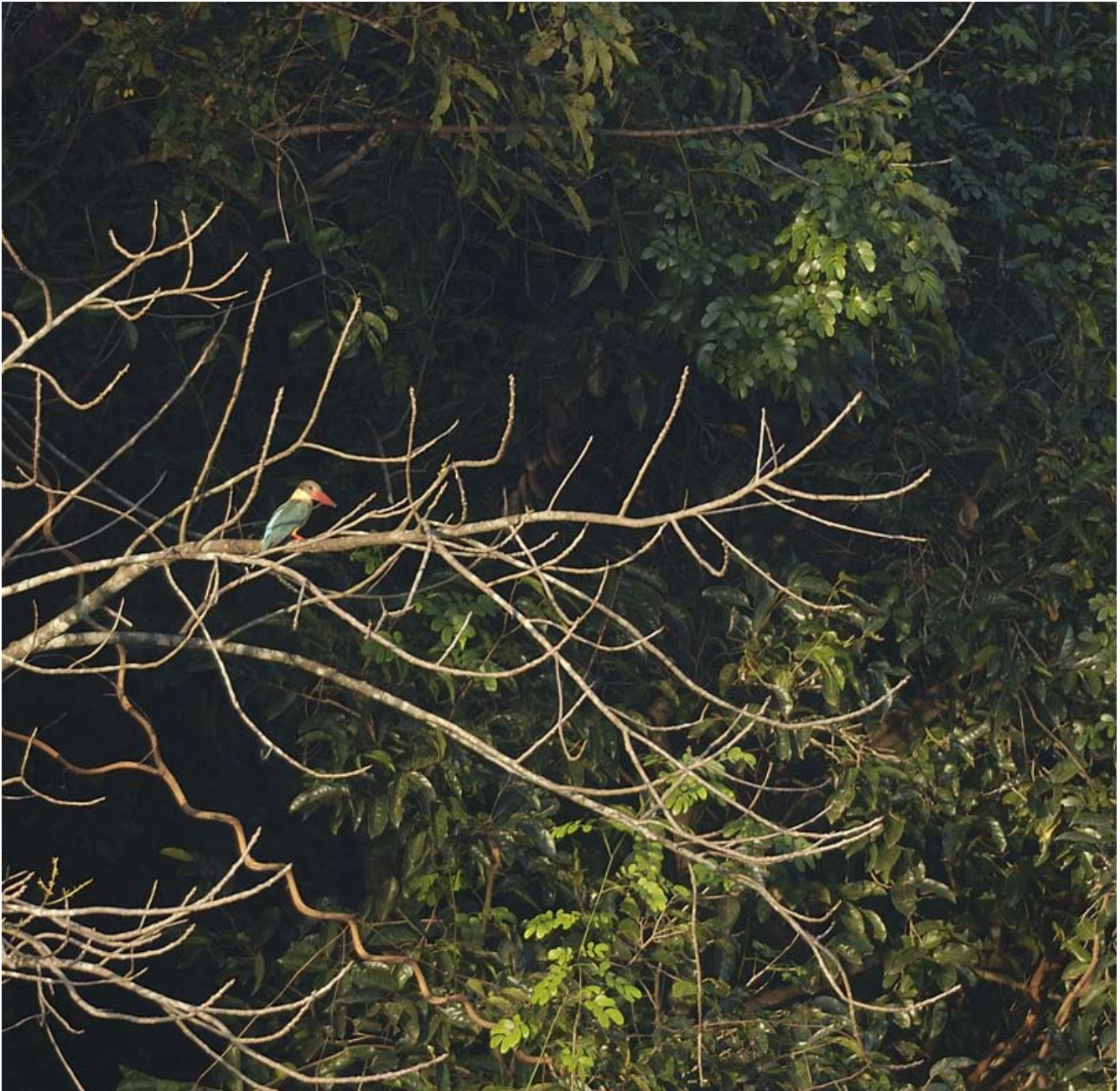
(Madurai Kamaraj University, Madurai)

*Specialization:* Plant Biodiversity, Nutrient cycling, Biological Invasion, Population Ecology, Medicinal Botany

**S. S. Sundarvel, M.A., P.G.Diploma in Planning**

*Specialization:* Environmental Impact Assessment, Land Ecology, Global Change

*\* Recognised supervisors for guiding Ph.D. candidates*



# DEPARTMENT OF OCEAN STUDIES AND MARINE BIOLOGY

School of Life Sciences

## BROOKSHABAD CAMPUS, PORT BLAIR, ANDAMANS

The Department of Ocean Studies and Marine Biology was initially started as a Centre of Ocean and Island Studies in the year 2000, and later it was upgraded to a Department in 2004 with a major funding from UGC. This Department has its own campus, located at Port Blair, the picturesque capital of the Andaman and Nicobar Islands. The Department has sophisticated laboratory facilities equipped with latest equipments for field investigations in ocean related sciences. These facilities are to impart education and training to the students of Marine Biology and Coastal Disaster Management and for carrying out R & D activities in and around islands and other parts of India.

The program is primarily designed to create trained manpower in Marine Biology and Disaster Management. The Department marine systems and its application for sustainable management, creating a database on the oceanographic parameters including, physical, chemical, biological and geological aspects. In addition, it is also providing inputs to formulate an effective disaster management plan for coastal areas.

The Department offers a two year masters degree and Ph.D. programmes in two disciplines: Marine Biology and Coastal Disaster Management. The Department's strategic location at Port Blair provides a unique opportunity for the students to get extensive exposure to various marine environments comprising of mangrove, island and coral ecosystems. The students enrolled for the masters degree programmes get a student fellowship of Rs. 1000 per month. The selection of the candidates is based on the ranks obtained by all India entrance examination conducted at different parts of India.

## PROGRAMMES OF STUDY

**M.Sc.** Marine Biology  
**Ph.D.** Marine Biology

## ENTRANCE EXAMINATION

### **M.Sc. – Marine Biology**

The question paper consists of objective type questions comprising in the field of biological sciences at graduate level.

### **Ph.D. in Marine Biology**

The question paper consists of objective type questions comprising in the field of marine biological sciences at post graduate level.

- iv. Side Scan Sonar and Total Organic Carbon Analyser
- v. UV Spectrophotometer – Double Beam
- vi. Remote Sensing and Geographical Information Systems (GIS)
- vii. Current Meter
- viii. Resistivity Variometer and Resistivity Imaging System
- ix. SIR 2000 Ground Penetrating Radar
- x. Seismograph – Underground field Seismic Imaging System – 12 Channel.
- xi. Electromagnetic Sounder
- xii. Automatic Weather Station
- xiii. Differential Global Positioning System (DGPS)

## FACULTY

### Professor

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

(Cochin University of Science and Technology, Kochi)  
*Specialization:* Marine Geology, Coral Reef Environmental Monitoring, Meiobenthic studies and Disaster management.

## Infrastructure Facilities

The Department has the following basic and sophisticated equipments for teaching and research.

- i. Hydrolab – Quanta
- ii. Ultracentrifuge, Laminar air flow, Rotary evaporator
- iii. Water and Sediment Samplers and Plankton Nets



## Readers

**\*R. Mohanraju, Ph.D.**

(Annamalai University, Chidambaram)

*Specialization:* Marine Biology, Microbial Ecology and Marine microbial processes in corals, mangrove and deep sea ecosystems.

**\*Jayant Kumar Mishra, Ph.D., D.Fs.(Japan)**

*Specialization:* Marine Biotechnology, Marine Bioactive Compounds, Induced Breeding and Larval Chemical Ecology of Marine Invertebrates.

## Lecturers

**Gadi Padmavathi, Ph.D., D.Fs.(Japan)**

*Specialization:* Marine Biology, Marine Plankton, Fisheries and Pisciculture.

**S.Venu**

*Specialization:* Marine Biology, Fish and Fisheries Sciences, Deep Sea and Coastal Fish Taxonomy, Aquaculture.

*\* Recognised supervisors for guiding Ph.D. candidates*

# DEPARTMENT OF COASTAL DISASTER MANAGEMENT

School of Life Sciences

BROOKSHABAD CAMPUS, PORT BLAIR, ANDAMANS

## PROGRAMMES OF STUDY

**M.Sc.** Coastal Disaster Management

**Ph.D.** Coastal Disaster Management

## ENTRANCE EXAMINATION

**M.Sc. – Coastal Disaster Management**

The question paper consists of objective type questions comprising in the field of hazards and earth sciences at graduate level.

**Ph.D. in Coastal Disaster Management**

The question paper consists of objective type questions comprising of post graduate level in geology, geography and geophysics related to disasters.

## FACULTY

### Professor

**\*N. Ramanujam, Ph.D.** (Punjab University, Chandigarh)

*Specialization:* Geophysics, Exploration Technique, Resistivity Imaging, Landslide and Earthquake Prediction.

### Lecturers

**\*K.Dharanirajan, Ph.D.** (Anna University, Chennai)

*Specialization:* Geographical Information Systems (GIS), Coastal Zone Management, Software Development in GIS and Disaster Management

**\*S.Balaji, Ph.D.**

(Bharathidasan University, Thrichirapally)

*Specialization:* Geophysics, Disaster Management, Tectonics, Ground Water.

*\* Recognised supervisors for guiding Ph.D. candidates*



# DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY

School of Life Sciences

The Department of Food Science and Technology was established in 2007. The major objectives of the department is to provide inter disciplinary high quality education in food science, clinical nutrition and dietetic, food process techniques, product development, food quality control. The faculty have received international and national research awards. The department is offering M.Sc. and Ph.D. programme in Food Science and Nutrition and Food Science and Technology. The subjects food science and technology have tremendous scope and significance in the national and international scenario. The specialists in food science and nutrition have unlimited job markets in the most innovative and challenging areas like Space nutrition, Therapeutic nutrition, Nutraceutical and Nutrigenomics industries and various other related fields.

## PROGRAMMES OF STUDY

**M. Sc.** Food Science and Nutrition  
**M. Sc.** Food Science and Technology

**Ph.D.** Food Science and Nutrition  
(Full time, Part-time: internal and external)  
**Ph.D.** Food Science and Technology  
(Full time, Part-time: internal and external)

## ENTRANCE EXAMINATION

**M.Sc. and Ph.D. in Food Science and Nutrition**  
The selection of student is based on All India entrance examination. The question paper will consists of objective type questions in Human physiology, Food Microbiology, Biochemistry, Food Science, Nutrition, Dietetics and allied areas.

**M.Sc. and Ph.D. in Food Science and Technology**  
The selection of student is based on All India entrance examination. The question paper will consists of objective type questions in Mathematics, Physics, Food Microbiology, Biochemistry, Food Science, Food process Engineering, Agricultural Engineering and allied areas.

## Thrust areas of Research

It is vision of the department to establish and develop a globally competent research facility, which will train scientific manpower of international standing and develop products of international standard and local significance. The following are the thrust areas of the research in the department: Phytochemicals, Antioxidant nutrients, Metabolic diseases, Therapeutic nutrition, Community nutrition, Crop processing, Meat processing, Food Biotechnology, Food safety.

## Infrastructural facilities

The Department is well equipped with spacious laboratories, all modern facilities and sophisticated equipments such as Amylograph, Food Texture Analyzer cum Extensograph, Spectroflurimeter, Spray Drier, Vaccum Packaging Machine, Tintometer, Colorflex spectrophotometer, UV Vis Spectrophotmeter. Flash evaporator, Tray drier, Tube Heat exchanger, Vacuum Oven etc. The Department of Food Science and Technology has necessary physical facilities including air conditioned class rooms, seminar hall , computer center, pilot plant, cold storage room, product development lab, food analysis lab, instrument room etc.

## FACULTY

### Readers

**\*Dr. H. Prathap Kumar Shetty, Ph.D.**

(Mangalore University, Mangalore)

*Specialization:* Food Safety, food biotechnology

**\*Dr. S. John Don Bosco, Ph.D.**

(Tamil Nadu Agricultural University, Coimbatore)

*Specialization:* Agricultural Process Engineering

### Lecturers

**Dr. Narayanasamy Sangeetha, Ph.D.**

(Avinashilignam University for Women, Coimbatore)

*Specialization:* Therapeutic nutrition, community nutrition, food product development

**\* S.Haripriya , Ph.D.**

(Avinashilignam University for Women, Coimbatore)

*Specialization:* Nutritional epidemiology, Antioxidant and phytochemicals, Food Chemistry, food security, community nutrition

**Sunooj K.V., M.Sc.,Ph.D.** (University of Mysore)

*Specialization:* Food science and technology, meat science and food engineering

*\*Recognized supervisors for guiding Ph.D. candidates*



# CENTRE FOR BIOINFORMATICS

School of Life Sciences

The Centre for Bioinformatics in Pondicherry University was started as Sub Distributed Information Centre of the Department of Biotechnology, Govt. of India (DBT) in 1991. The mandate of the Centre is to train manpower and conduct research in various areas of Bioinformatics. Recognizing the progress made by the Centre, DBT upgraded the Centre to a full Centre level in 2002 and several new positions were sanctioned and additional funding was allocated.

The Centre is identified as a Centre of Excellence in Bioinformatics Teaching and Research by the Department of Information Technology, Govt. of India, New Delhi in 2007 and awarded a special grant of around 3.79 crores. The Centre has taken up research projects and has been offering modular courses in Bioinformatics under this Grant.

The Centre started offering an M.Sc., program in Bioinformatics in 2007 with the funding from the University Grants Commission (UGC) under its scheme of "Innovative Programme - Teaching & Research in Interdisciplinary and Emerging Areas". The centre is also offering Ph.D. Programme in Bioinformatics.

The Centre has got approval for starting Network M.Sc., Computational Biology teaching programme fully funded by DBT in collaboration with Madurai Kamaraj University, Madurai and Anna University, Chennai. This programme will be first of its kind in the country. The Centre has also signed an MoU with Institute of Bioinformatics (IoB), Bangalore and University of Sienna, Italy for collaborative research and Ph.D. guidance. The Ph.D. students can visit these labs for collaborative research.

All the students, research scholars and faculty are provided modern round-the-clock computing facility with a separate 8 Mbps dedicated internet connectivity in addition to the regular internet connectivity provided by the University. The Centre has established a separate wet lab facility with modern wet lab equipments. Most of the past students have got placements in various leading research institutions and industries.

In the past few years, the Centre has taken up research activities in the areas of sequence analysis, molecular modeling, database development etc., and several papers have been published in peer-reviewed international and national journals. The University is extending full support for the development of the Centre, which will achieve newer heights and will soon become a leading centre for Bioinformatics teaching and research in this part of the world.

## PROGRAMMES OF STUDY

**M.Sc. Bioinformatics**

**M.Sc. Computational Biology**

**Ph.D. Bioinformatics**

## ENTRANCE EXAMINATION

### **M.Sc. Bioinformatics**

Selection is based on an entrance examination conducted at various Centres by Pondicherry University. The test consists of objective type questions in Biochemistry, Molecular Biology, Chemistry, Biophysics, Computer Science, Statistics and Mathematics.

### **M.Sc. Computational Biology**

Selection will be based on an entrance examination to be conducted at various Centres by DBT. The details will be advertised in newspapers and will be available at [www.pondiuni.edu.in](http://www.pondiuni.edu.in) and [www.bicpu.edu.in](http://www.bicpu.edu.in). A separate entrance will be conducted by the DBT.

\*A stipend of Rs. 5,000/- p.m. will be provided by the

Department of Biotechnology, Government of India, New Delhi for all the students admitted in this course.

### **Ph.D. in Bioinformatics**

Selection is based on an entrance examination conducted at various Centres by Pondicherry University. The test consists of objective type questions in Biochemistry, Molecular Biology, Chemistry, Biophysics, Computer Science, Statistics and Mathematics at PG level. Candidates who have qualified for JRF (UGC / CSIR-NET / DBT-BINC) are exempted from entrance exam. They can apply directly. The University has signed an MoU with Institute of Bioinformatics (IoB), Bangalore for collaborative research and Ph.D., guidance. Selected candidates can also work either at IoB or in collaborative projects.



## Thrust Areas of Research

DNA-Protein Interactions, Genome Sequence analysis, Protein Structure Modeling, Molecular modeling, X-ray Crystallography, Drug Design, Metabolic Pathways

## Infrastructure Facilities

### A. COMPUTERS AND COMMUNICATION FACILITY

Xeon Quad Core Servers, Xeon Cluster Servers, Itanium-Email Server, AMD Opteron Server, Wipro Xeon Server, Silicon Graphics Fuel Machine, Apple IMAC, HCL Laptops, Cisco Routers for internet access, HCL Pentium Core Duo/ Dual Core/ Pentium IV Workstations (110 nos.) – Works on both Windows and Linux Operating Systems .

The Centre has a dedicated 11 Mbps internet connectivity exclusively for the Centre for Bioinformatics from BSNL.

The students have the modern computing facilities and round the clock internet facility to meet their academic and research needs.

### B. WET LAB

The Centre has developed a separate wet lab facility. The lab is functional with the following equipments: Quartz Distillation Unit, pH meter, Vertical Gel apparatus, Horizontal Gel apparatus, Western blot apparatus, -20°C Freezer, UV illuminator, Table Top Centrifuge, Thermal Cycler, Gel Documentation System, UV-Visible Spectrophotometer, -80°C Deep Freezer, High performance Liquid Chromatography (HPLC), ELISA Reader and Water purification system. The Centre is in a process of establishing a cell culture facility.

### C. SCIENTIFIC SOFTWARE PACKAGES

Schrodinger Mastero, Tripos Sybyl 8.1, Discovery Studio 2.1, Amber, Autodock, Dock, Modeller, Gromos 96, Whatif, EMBOSS, BioEdit, Phred, Consed, GeneScan, Statistica, Endnote

### D. RESOURCES & SERVICES

A separate website available at [www.bicpu.edu.in](http://www.bicpu.edu.in) is being maintained by the Centre. This website, designed in-house and hosted in the web server, is maintained in the Centre. Information about courses, admissions, syllabus, seminar notifications & various opportunities for traineeship/ studentship / JRF are updated periodically. Bioinformatics related tools can be downloaded from the site. In addition the centre has Domain Name Server (DNS), Database Server, E-Book Intranet Server, Proxy Server and Cluster Computing servers

## E. DATABASES & OTHER INFORMATION RESOURCES IN THE CENTRE

### Books

Approximately 600 books available in the reference library of the Centre

### Journals

Science, Nature, Scientific American, Briefings in Bioinformatics, Bioinformatics, Nature Structural and Molecular Biology, Nature Chemical Biology, Cell, Bioinformatics Trends, Current Science, Cheminformatics

### Magazines

Linux for U, PC Quest, PC World, Chip, Biospectrum  
 Access to E-Journals  
 University has access to UGC Infonet Journals, Science Direct, Blackwell Publishers, EBSCO Databases

## Special Grants

Approximately Rs. 8 Crore is allocated by various funding agencies like DBT, DIT and UGC towards teaching and research

- DBT - (Centre For Bioinformatics) Continuing Scheme
- DIT - (COE In Bioinformatics) Continuing Scheme
- DBT - M.Sc. Computational Biology Continuing Scheme
- UGC - Innovative Programme-Teaching and research in Interdisciplinary Continuing Scheme
- DBT - Advance P.G. Diploma in Bioinformatics (2001-2008)

## Placement Details

Some of the students trained in the Centre are placed in the following organizations between 2001 and 2008:

## Industry Placements

- HCL Info Systems
- Tata Consultancy Services
- Molecular Connections, Bangalore
- Institute of Bioinformatics, Bangalore
- Protein Lounge, Bhubaneswar
- Genemines, Chennai,
- BIOBASE Databases Indian Pvt. Ltd., Bangalore
- Computational Research Lab, Pune

## Teaching/ Research Placements

- Pusan National University, South Korea
- Sungkyunkwan University, South Korea
- University of Madras, Chennai
- Central Sericulture Research & Training Institute, Mysore
- Institute of Microbial Technology Institute, Chandigarh

- Indian Institute of Technology, Chennai
- Jawaharlal Nehru University, New Delhi
- Kumaun University, Nainital MANIT, Bhopal
- Amity University

## FACULTY

**\*Dr. P.P. Mathur, Ph.D.** (Banaras Hindu University, Varanasi)

*Specialization:* Reproductive Biochemistry, Environmental Toxicology, Bioinformatics.

**\*Dr. R. Krishna, Ph.D.** (University of Madras, Chennai)

*Specialization:* X-ray Crystallography (Proteins), Molecular Modeling (Protein & DNA).

**\*Dr. M. Suresh Kumar, Ph.D.**

(University of Madras, Chennai)

*Specialization:* Structural Studies on Viral Proteins, Promiscuity of Antibodies, Inhibitors for Viral Proteases.

**\*Dr. Archana Pan, Ph.D.**

(Jadavpur University, Kolkata (IICB))

*Specialization:* Comparative Genomics, Molecular Evolution, Drug Design.

**\*Dr. R. Amutha, Ph.D.** (University of Madras, Chennai)

*Specialization:* Computational Biology, Molecular Dynamics, Simulations, Drug Design.

**Ms. V. Amouda, M.Sc., M.S.**

(Birla Institute of Technology & Science, Pilani)

*Specialization:* Database Management Systems, Algorithms.

## Institute of Bioinformatics, Bangalore

### FACULTY RECOGNIZED FOR PH.D. PROGRAMME

**\*Dr. Akhilesh Pandey, Ph.D.**

(University of Madras, Chennai)

*Specialization:* Genomics, Proteomics, Bioinformatics, Molecular Biology.

**\*Dr. T.S. Keshava Prasad, Ph.D.** (Goa University, Goa)

*Specialization:* Bioinformatics, Genomics & Proteomics.

## Indian Institute of Chemical Technology, Hyderabad,

### FACULTY RECOGNIZED FOR PH.D. PROGRAMME

**\*Dr. G. Narahari Sastry, Ph.D.**

(University of Hyderabad, Hyderabad)

*Specialization:* Bioinformatics, Computational Biology, Computational Chemistry

*\*Recognized supervisors for guiding Ph.D. candidates*



## SCHOOL OF HUMANITIES

Dean: Prof. R. VENGUATTARAMANE

Department of English  
Department of French  
Department of Hindi  
Department of Sanskrit  
Department of Philosophy  
Department of Physical Education and Sports  
Centre for Foreign Languages  
Escande Chair in Asian Christian Studies

All the Departments offer P.G., M.Phil., and Ph.D. programmes. However, the Centre for Asian Christian Studies offers only M.Phil., Ph.D. and P.G. Diploma in Asian Christian Studies programmes. The School caters to the needs of a large number of students of

the University and some of the faculty members of the School have made enormous contributions to their respective disciplines and they are known and recognised in the academic community for their scholarship

The centre for Foreign Languages offer evening certificate courses in Japanese, Chinese, Korean, French, etc.





## DEPARTMENT OF ENGLISH

School of Humanities

The Department of English, one of the oldest Departments of the University, was established on 1st December, 1986, and since inception the Department has been the hub of teaching and research activity, attracting a cross-section of students and research scholars from all over the country. It has established itself as a stronghold of Comparative Literature, teaching Comparative Literary Theory and fostering Comparative Literary Studies between Indian languages and English. In recent years, Cultural and Translation Studies too have come to be a thrust area, inspiring inter-disciplinary and intra-disciplinary insights among faculty and students alike. An ecologically sensitive critical thinking and teaching has also emerged and the Department is one of the earliest in the country to proffer multicultural studies in this area— and with the founding and establishment of the Association for the Study of Literature and Environment-ASLE India (the Indian counterpart of the International forum of that name) in 2006, this has fostered a renewed direction to academics and scholars alike.

At the Postgraduate level, the Department of English offers courses in poetry, drama, prose and fiction of canonical British literature and American literature, thus offering a good training for UGC-NET aspirants, and all those keen to acquaint themselves with these classics. A strong theoretical foundation is laid with two Literary Theory courses spread over two semesters. The Department offers courses in ELT and Research Methodology which are application-oriented. A basic course in Linguistics offers students an orientation to the formal study of English language. A high-point of the M.A. Programme is the research project that encourages individual initiative and self-study on the part of the students. Emerging areas of study such as, Media Studies Postcolonial Literature, and Green Studies along with an array of specialized electives make for an M.A. programme that is a mix of the conventional and the new.

The M.Phil. programme is marked by rigorous course-work in theory and criticism and in emergent literatures cutting across various genres, besides the original research expected of the scholar for the M.Phil. Dissertation. The Department encourages research at the M.Phil. and Ph.D. levels in a number of areas, such as Poetry and Poetics, Diaspora Studies, Subaltern Literatures, Interdisciplinary and Cultural Studies.

### Co-curricular and Extra-curricular Activities:

The English Department through the weekly Research and Journal Alert Forum encourages the sharing and presentation of research activities, both of the faculty members and the scholars of the Department. Wall magazines and regular cultural programmes offer opportunities to students to exhibit their talent in writing, drawing, painting, singing and other forms of performance. The creative talents of each student is cherished and encouraged.

### PROGRAMMES OF STUDY

**M.A.** English and Comparative Literature

**M.Phil.** English (Full-time)

**Ph.D.** English (Full-time & Part-time (Internal & External))

### ENTRANCE EXAMINATION

#### **M.A.**

The entrance examination would comprise Objective Type questions of a general nature drawn from Undergraduate syllabi from Indian Universities. The major focus would be on poetry, prose, drama and literary criticism – British, American, Commonwealth and Indian--that an undergraduate is expected to be familiar with-- An overall awareness of literature is what is tested.

#### **M.Phil and Ph.D.**

A common entrance test— with Objective type questions drawn from the postgraduate syllabi of Indian Universities. Since the student has the option to choose to appear for either of the two or both at the application level itself, a greater emphasis will be given to evaluating the research aptitude and awareness of international literary movements, theoretical perspectives and writing from across cultures.



## Infrastructure

The Department has well-ventilated classrooms, Seminar room and projection facilities.

## Placement

Students who have completed their Degree from the Department go on to get employment as teachers in schools or in Colleges and Universities all over India. Some have entered the Corporate and Media field. Some have found employment as content writers and technical writers and editors. A placement cell in the Department coordinates between students and prospective employers.

## FACULTY

### Professors

**\*N. Natarajan, Ph.D.** (University of Madras, Chennai)

*Specialization:* Literary Criticism, Modern Fiction, Comparative Literature & Semiotics.

**\*Sujatha Vijayaraghavan, Ph.D.** ( IIT, Chennai)

*Specialization:* Indian Writing in English, Translation Studies, and Postcolonial Studies

**\*S. Murali, Ph.D.** ( University of Kerala,Trivandrum)

*Specialization:* Poetry, Aesthetics, Literary Theory, Indian Literature, Visual Arts, and Environmental Studies

## Readers

**P. Bhaskaran Nair, Ph.D.** (CIEFL, Hyderabad)

*Specialization:* English Language Teaching, Teacher Education, and Materials Production

**\*Clement S. Lourdes, Ph.D.**

(Pondicherry University, Puducherry)

*Specialization:* Indian Writing in English and Translation Studies

**\*H. Kalpana, Ph.D.**

(Pondicherry University, Puducherry)

*Specialization:* Canadian Literature, Commonwealth Literature, Feminist Theories, and Women's Literature

## Lecturer ( Senior Scale)

**Binu Zachariah, Ph.D.**

(University of Hyderabad, Hyderabad)

*Specialization:* Comparative Literature, Fiction, and English Language Teaching

## Lecturers

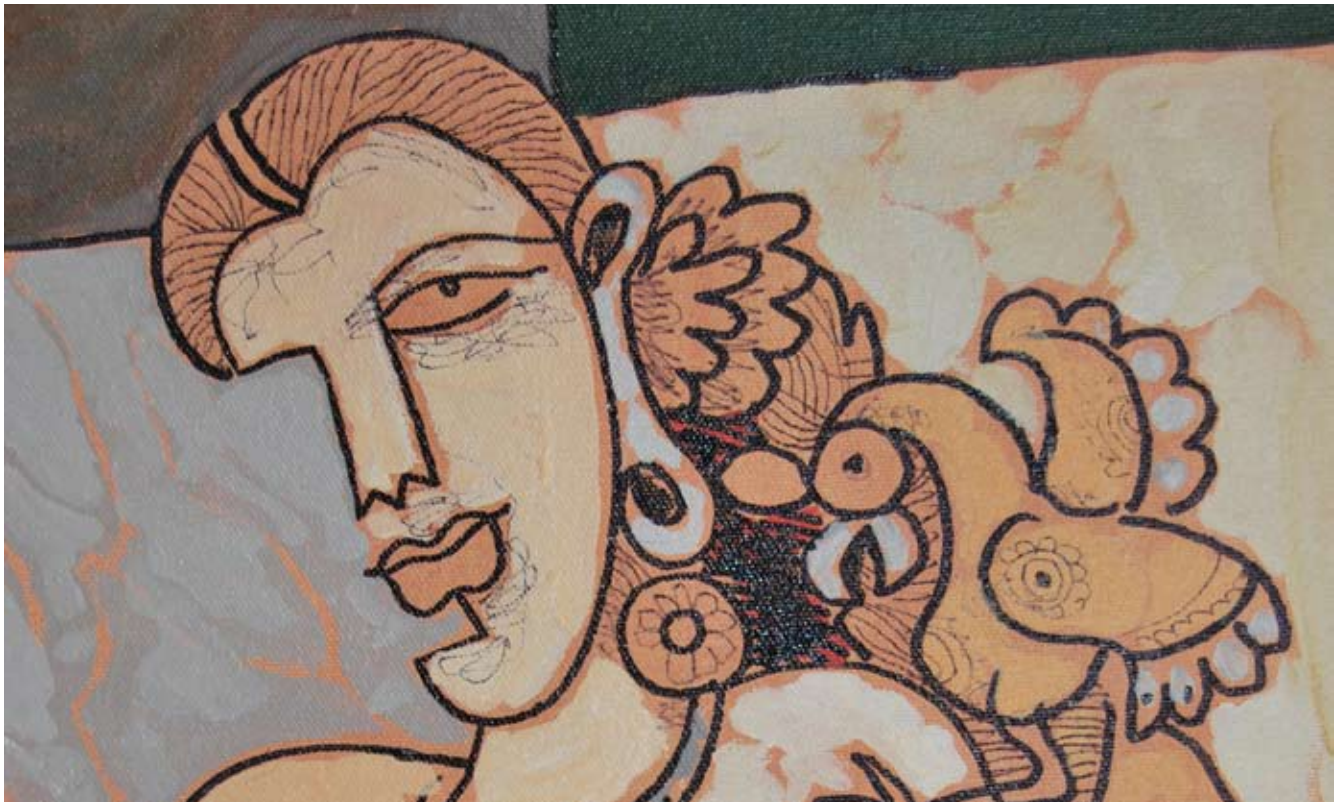
**Lakhimai Milli – M.A., PGDTE** (CIEFL, Shillong)

*Specialization:* English Language Teaching

**\*T. Marx, Ph.D.** ( M.S University, Tirunelveli)

*Specialization:* Comparative Literature, Drama, Subaltern Studies & Translation

*\* Recognized supervisors for guiding Ph.D. candidates*



# DEPARTMENT OF FRENCH

School of Humanities

The Department of French was established in 1987. The following programmes are conducted: M.A. (French-Translation and Interpretation), M.Phil. and Ph.D. Faculty members are trained in French Language and Literature. They have undergone specialized training at various universities in France. The two year Master's degree in French-translation and interpretation prepares students for successful jobs like translators, teachers, lecturers and executives. Students are given wide options to select electives from various Departments of the University so as to increase their job opportunities and to become fully equipped to face the challenges of life.

## PROGRAMMES OF STUDY

- M.A.** French (Translation and Interpretation)
- M.Phil.** French (Full-time)
- Ph.D.** French (Full-time & Part-time (Internal & External))

## ENTRANCE EXAMINATION

### **M.A. (Translation and Interpretation)**

The question paper for the entrance examination will mostly consist of objective type questions on French language, literature and civilization. However 30 marks out of 100 will be allotted to translation and essay writing in order to test the linguistic skills of the candidate.

### **M.Phil. and Ph.D.**

The written examination will consist mostly of questions of objective type on French language, literature and civilization and one essay type question to test the argumentative skills of the candidate

## Linkages with French Universities

M.A. students can pursue their studies at University of Rennes II, France. The credits earned in that French University will be taken into consideration and M.A. degree will be awarded by the Pondicherry University. French students from University of South Brittany, France have the possibilities of continuing their studies in Pondicherry University. Every year, five to six students of this Department are selected by the French Embassy, New Delhi to teach English language in various regions of France for a period of one year. This gives them an opportunity to do some courses in French Universities and also to have first hand information of life in France. Back in India, they are able to fare well in their professional lives.

## Job opportunities

All the students, after their post-graduation/M.Phil. are absorbed as lecturers, teachers, translators and executives in companies like Ford, GE, HP, British Airways, etc.

## Infrastructure Facilities

The Department has audio and video equipments designed for the teaching of language.

## FACULTY

### Professors

#### **\*R. Venguattaramane, Ph.D.**

(Université de Sorbonne Nouvelle - Paris III)  
*Specialization:* Teaching of French as Foreign Language, Translation, Linguistics.

#### **\*S. Paneerselvame, Ph.D.**

(Pondicherry University, Puducherry)  
*Specialization:* French Language, French Linguistics, Translation and Teaching of French as Foreign Language.

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

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

### Lecturer (Selection Scale)

#### **Ananda Vadivelou, DEA (Sorbonne University, Paris III)**

*Specialization:* French Civilization, Business French, Hotel Management and Tourism.

### Lecturer (Senior Scale)

#### **C. Thirumurugan, Ph.D.**

(Pondicherry University, Puducherry)  
*Specialization:* French Literature and Comparative Literature.

#### **Sarmila Acharif, M.Phil.**

(Pondicherry University, Puducherry)  
*Specialization:* French Literature and Comparative Literatures.

\* Recognised supervisors for guiding Ph.D. candidates

## DEPARTMENT OF HINDI

School of Humanities

The Department of Hindi offers facilities for intensive study and research in different areas of Hindi Language and Literature, Functional Hindi and Translation, with special attention to Comparative Literature.

### PROGRAMMES OF STUDY

**M.A. Hindi**

**M.Phil. Hindi (Full-Time)**

**Ph.D. Hindi (Full-Time & Part-Time {Internal & External})**

**P.G. Diploma in Functional Hindi and Translation**

(Evening Course) :- As an add on programme which will facilitate the students to obtain dual degree simultaneously, thus enhancing their employability. Any Graduate with Hindi as one of the subjects at the UG level or Praveen from DBH Sabha along with any Under Graduate Degree is eligible to pursue the course. The P.G. Diploma in Functional Hindi and Translation is a one year course with six papers and a project, offered in two semesters. Each semester has 3 papers. Valuation will be 40% internal and 60% External.

### ENTRANCE EXAMINATION

Ph.D., M.Phil., M.A. all question papers will have objective type questions for 100 marks. The questions will be of Under Graduate level for M.A Entrance Examination. M.Phil./Ph.D. entrance Examination will be of Post-Graduate level to test the comprehensive understanding of Hindi Literature and the research aptitude of the candidate.

### FACULTY

#### Professor

\* **V.Vizialakshmi, Ph.D., D.Litt.**

(B.R. Ambedkar University, Muzaffarpur)

*Specialization* : Poetry, Fiction and Comparative Literature.

#### Lecturer (Senior Scale)

\* **S.Padmapriya, Ph.D.**

(Sri.Venkateswara University, Tirupati)

M.Phil (Hyderabad University, Hyderabad)

*Specialization*: Modern Poetry, Drama, Functional Hindi and Translation.

#### Lecturer

**Pramod Meena, M.Phil** (University of Delhi)

*Specialization*: Linguistics and Hindi Drama

\* *Recognized supervisors for guiding Ph.D. candidates*





# DEPARTMENT OF SANSKRIT

School of Humanities

The Department of Sanskrit, started functioning from 7th August 1988, aims to train students who are oriented towards teaching and research. The thrust areas of teaching and research are Vedanta, Nyaya, Sankhya, Yoga, Grammar, Literature, Literary Criticism and Aesthetics. Besides, week-end Seminars, Sanskrit general studies are arranged to enhance the knowledge of students.

## PROGRAMMES OF STUDY

**M.A.** Sanskrit  
**M.Phil.** Sanskrit  
**Ph.D.** Sanskrit

## ENTRANCE EXAMINATION

The syllabus for M.A. in Sanskrit is based on UGC pattern. The Candidates seeking admission in to MA. should have 50% marks in Sanskrit in graduation. The entrance examination for admission to M.A. programme will include questions of B.A. Sanskrit (pass/honours) or Sastry level syllabus. The candidates seeking admission into M.Phil and Ph.D. should have 55% in M.A. The entrance examination for admission to M.Phil. and Ph.D. will be of the level of M.A. in the following areas.

### Dramas

Abhijnanasakuntalam, Mrchakatikam,  
Uttararamacharitam

### Poetry

Raghuvamsa (1-2) and Kumarasambhavam (5),  
Meghadutam

### Grammar

Samjna, Sandhi, Karaka, Samasa, Linguistics and Nirukta

### Alankara

Kavyadarsa, Dhvanyaloka, Rasagangadhara and  
Natyasastram (6)

### Darsanas

Vedantasara, Tarka Samgraha Sankhya Karika, Yogasutra,

### Upanisad

(Katha, Isavasya & Svetasvatara) and General Sanskrit.

One hundred objective types (M.C Q pattern) carrying four marks for each correct answer and minus one mark for wrong answer will be asked.

## Infrastructure Facilities

Computers with internet facility are available.

## FACULTY

### Professor:

**\*C.S.Radhakrishnan. Ph.D.** ( University of Madras)

*Specialization:* Kavyasastra, Manuscriptology, Indology and Visishtadvaita

### Readers

**\*J.Krishnan, Ph.D.** ( University of Madras)

*Specialization:* Advaita Vedanta and Nyaya

**\*K.E. Dharaneedharan, Vidyavaridhi, Ph.D.** (New Delhi)

*Specialization:* Nyaya, Mimamsa, Advaita Vedanta and Visishtadvaita Vedanta

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

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

### Lecturer

**C.Palaiah. M.A.** ( University of Mysore)

*Specialization:* Kavya Sastra

*\* Recognized supervisors for guiding Ph.D. Candidates.*





## DEPARTMENT OF PHILOSOPHY

School of Humanities

The Department of Philosophy started functioning from the academic year 1989-90 and is offering Ph.D., M.Phil. and M.A. programmes. The thrust areas of teaching and research are Metaphysics (Eastern & Western), Epistemology (Eastern & Western) and Social Philosophy (Eastern & Western).

### PROGRAMMES OF STUDY

**M.A. Philosophy**

**M.Phil. Philosophy:** Full-time

**Ph.D. Philosophy:** Full-time & Part-time  
(Internal & External)

### ENTRANCE EXAMINATION

M.A. The written paper for admission will comprise of objective type questions of the undergraduate level.

M.Phil. and Ph.D. The written paper for admission will comprise of subjective type questions of the post-graduate level.

**\* K. Srinivas, Ph.D.**

(Jawaharlal Nehru University, New Delhi)

*Specialization:* Analytic Philosophy, Epistemology (Indian and Western), Philosophy of Science & Modern Logic

### Readers

**\* B. R. Shantha Kumari, Ph.D.**

(Pondicherry University, Puducherry)

*Specialization:* Advaita, Aesthetics, and Classical Indian Philosophy

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

(Sri Venkateswara University, Tirupati)

*Specialization:* Contemporary Indian Philosophy, Gandhian Philosophy & Yoga Philosophy

## FACULTY

### Professors

**\* V.C. Thomas, Ph.D.** (University of Delhi)

*Specialization:* Phenomenology, Existentialism & Metaphysics

### Lecturer (Senior Scale)

**\*P. Kesava Kumar, Ph.D.**

(University of Hyderabad, Hyderabad)

*Specialization:* Ethics and Social Philosophy, Contemporary Indian Philosophy, Cultural Studies, Philosophy of Religion and Political Philosophy

*\* Recognized supervisors for guiding Ph.D. Candidates.*



# DEPARTMENT OF PHYSICAL EDUCATION AND SPORTS

School of Humanities

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

## PROGRAMMES OF STUDY

**M.P.Ed.** Master of Physical Education & Sports

**M.Phil.** Physical Education & Sports (Full-time)

**Ph.D.** Physical Education & Sports  
(Full-time & Part-time (Internal & External))

## ENTRANCE EXAMINATION

**M.P.Ed.:** The written examination for M.P.Ed. will comprise of multiple and objective type questions of B.P.Ed. / B.P.E. level and general knowledge in games and sports. The applicants should also undergo physical fitness tests and games proficiency tests conducted by the Department.

(a) Physical fitness - 3 tests (practical)	= 30 Marks
(b) Proficiency in games (practical)	= 20 Marks
(c) Entrance Examination (Theory)	= 50 Marks
Total	100 Marks

**M.Phil./ Ph.D.:** The questions for the entrance examinations will consist of objective type questions drawn from the M.P.Ed. / M.P.E./ M.P.E.S., viz., Research Methods, Elementary Statistics, Exercise Physiology, Measurement and Evaluation in Physical Education, Bio-Mechanics and Kinesiology, History of Physical Education, Sports Psychology, Training Methods, and General Knowledge in games and sports.



## Infrastructure Facilities

The Department offers good facilities for the following games: Cricket, Football, Volleyball, Basketball, Tennis, Kabaddi, Hockey, Handball and Kho-Kho. The Department has a good out-door stadium with cinder track. The Department also has a Physical Fitness Centre and Physiotherapy Lab.

## FACULTY

### Professor

**\*N. Govindarajulu, Ph.D.** (Jiwaji University, Gwalior).  
*Specialization:* Physical Education, Management and Organisation of Physical Education and Sports, Measurement and Evaluation in Physical Education and Yoga.

### Readers

**\*P. K. Subramaniam, Ph.D.**  
(Pondicherry University, Puducherry)  
*Specialization:* Physical Education, Kinesiology, Yoga and Volleyball.

**\*D. Sakthignanavel, Ph.D.**  
(Annamalai University, Annamalai Nagar)  
*Specialization:* Physical Education, Exercise Physiology, Training Methods, Sports, Psychology and Yoga.

**\*D. Sultana, Ph.D.** (Alagappa University, Karaikudi)  
*Specialization:* Physical Education, Measurement & Evaluation and Basketball., Research Methodology, Exercise Physiology and Yoga.

### Lecturer (Selection Grade)

**G. Vasanthi, Ph.D.** (Annamalai University)  
*Specialization:* Physical Education, Sports Psychology, Test and Measurements, Volleyball and Table Tennis.

### Lecturer

**K. Tiroumourougane, M.Phil.**  
*Specialization:* Physical Education, Exercise Physiology, Cricket and Yoga.

\* Recognised supervisors for guiding Ph.D. candidates

# CENTRE FOR FOREIGN LANGUAGES

School of Humanities

Launched as an innovative project in June 2009 by the Vice-Chancellor, the Centre for Foreign Languages was started in order to cater to the compelling requirements of the present fast-moving world and its multi-linguistic links. In this era of globalisation and commercial tie-ups, knowing a foreign language is always an asset which gives one the required edge and enhances the job prospects. Apart from the business exchange, there is also a growing need to translate scientific and technical documents, and of course, famous literary works from foreign languages. In the world of music too, there is an urge to understand the wordings of many songs, specially from the Arabic and Latin American side. Films too need to be dubbed often.

## PROGRAMMES OF STUDY

Add-On Evening Certificate & Diploma Courses (under CBCS, for 2 Semesters) in :

French  
Japanese  
Chinese  
Korean

### Languages from 2010

The following languages are proposed to be added from July 2010, to the 4 existing foreign languages:

Russian,  
German,  
Spanish,  
Italian and  
Arabic

## FACULTY

### Co-ordinator

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





# ESCANDE CHAIR IN ASIAN CHRISTIAN STUDIES

School of Humanities

This Endowed Chair was established in the year 2004. The main objective of the Chair is to guide researchers on the study of Christianity in relation with other religious, cultural & philosophical thoughts in Asia. The Chair offers Ph.D., M.Phil. and P.G. Diploma programmes in collaboration with the Department of Philosophy.

## PROGRAMMES OF STUDY

**M.Phil.** Asian Christian Studies (Full-time)  
**Ph.D.** Asian Christian Studies (Full-time & Part-time)  
**P.G.** Diploma in Asian Christian Studies

## ENTRANCE EXAMINATION

The written examination will comprise of objective type questions and P.G. Diploma will comprise of objective type questions on Christianity

## FACULTY

### Co-ordinator

\* **P.A. Sampath Kumar, Ph.D.**  
(Strasbourg University, France)

*Specialization:* Christian Scriptures, Biblical languages, Origin and Development of Christianity in the former French colonies in Asia.

### Additional Faculty

V.C. Thomas, Ph.D.  
K. Srinivas, Ph.D.

### Guest Faculty

Fr. Dominic  
Sr. Suzanne





## SCHOOL OF PERFORMING ARTS

Dean: Prof. R. RAJU

Department of Performing Arts

Sri Sankaradass Swamigal School of Performing Arts started functioning from the academic year 1988-1989 and has been renamed as School of

Performing Arts during the academic year 2007-2008. It aims at conducting interdisciplinary teaching and research activities in the Performing Arts. The

School also offers M.P.A., M.Phil, P.G.D.T.A (Add on course) and Ph.D. Programmes.



# DEPARTMENT OF PERFORMING ARTS

School of Performing Arts

Department of Performing Arts started functioning from the academic year 1988-1989 and it offers M.P.A., M.Phil, P.G.D.T.A (Add on Course) and Ph.D., in Drama and Theatre Arts.

## PROGRAMMES OF STUDY

**M.P.A.** Drama and Theatre Arts

**M.Phil.** Drama and Theatre Arts (Full- Time)

**Ph.D.** Drama and Theatre Arts

Full- Time & Part-Time (Internal & External)

**PG Diploma** Theatre Arts(Add on Course)

## ENTRANCE EXAMINATION

### **M.P.A. Drama and Theatre Arts:**

The entrance examination is in the format of answering 100 objective type questions in Undergraduate level.

(Refer to M.P.A. Drama & Theatre Arts Model Question Bank in Pondicherry University website)

### **M.Phil / Ph.D. Drama and Theatre Arts:**

The entrance examination is in the format of answering 100 objective type questions from the M.P.A (Drama and Theatre Arts) and related subject in Post -Graduate level. (Refer to M.Phil & Ph.D. Drama & Theatre Arts Model Question Bank in Pondicherry University website).

## Infrastructure Facilities

Since its inception, the Department of Performing Arts has created infra-structure in terms of providing Departmental Library exclusively meant for books on Performing and Fine Arts, Computer and Internet facilities, Studio Theatre, Fully equipped with Audio-Video systems, for the benefit of the students and scholars. In addition, the Department of Performing Arts has its own Three Studio- Theatres A/C well equipped with Lighting and Sound System. **Studio Theatre** meant for the Stage Rehearsals and Performance, T.V and Film Production and Movement classes and Seminar Purpose.

An Open-Air Theatre for multiple purposes. Film Screening and Film Appreciation courses, conducting Theatre-Workshops and organising Seminars and Special Lectures by eminent scholars from various fields are part of the programmes of Performing Arts.

## Employment Orientation

The prime motto of the Department of Performing Arts is not only producing Masters in the field of Performing Arts but also imparting knowledge to its students in terms of equipping themselves to get into the avenues of job opportunities in the field of Mass Communications, Song and Drama Division, Film, Radio-T.V. Networks and Doordharsan Channels, Schools, Colleges, Theme Resorts and the Department of National and International Universities.

Through out the years, the School has established a national reputation as a Centre where young people successfully attain talents and skills for careers in theatre and its related arts, live and documented productions, advertisement and motion picture in relation to the requirements of the cultural institutions.

## Our Vision

Since its inception, the School of Performing Arts dedicates to excellence in instruction by promoting students for unique career opportunities in the field of Theatre, T.V, Film, Social Work and education. It is the goal of the School to further increase its reputation by imparting knowledge gathered in all walks of life to the students and makes them creative in their endeavor in the field of Performing Arts.

## Aims & Objectives

The School of Performing Arts, imparts training in the fundamental principles of Visual Media in terms of understanding the Performing Tradition of World Theatre. Different modes of presentation, various techniques, styles and systems employed in the form of creative communication as part of the syllabus. The students will have an opportunity to understand the glorious history of the Performing Arts that have enhanced the tradition and the creative aspects behind the major productions of the Department theatre activities like Script writing, Playwriting, Acting, Designing, Direction and overall script to stage and script to screen.

This programme also aims to throw more lights on Cultural Heritage of India and to make the students to realise that they are the inheritors of the glorious past history of

India. Since the Art of Theatre as a product of Scientific and Artistic creation, the main aim of the course is to impart to the students a correct Interdisciplinary approach encompassing all aspects of human science and to explore all the possibilities of a performance and produce it through the Stage and Film Medium. All the technical aspects involved in the same will be taught to students, so that after graduation they will be in a better position to get Job from any kind of medium or create their own Performing Art Company and to carry out all the functions needed for Theatre with professional skills.

The students will be given a basic understanding in the extraordinary preparation and presentational systems of the folk and classical traditions of his/her own land, Where they are exposed to all other styles and forms of all over the world. The ultimate aim of the teaching programme is to provide a space for students to give pure spectacular enjoyment to the audience with the intensity of giving the experience of catharsis.

## Entrance Examination Syllabus

a) The Syllabus of Master Degree Entrance Examination M.P.A. (Drama and Theatre Arts) is in related subjects in the following areas:

- ▶ Epics ▶ Culture ▶ Tamil Literature ▶ English Literature
- ▶ History ▶ Art ▶ Architecture ▶ Music ▶ Dance ▶ Drama
- ▶ Painting ▶ Sculpture ▶ Choreography

b) The Syllabus of the M.Phil/Ph.D. Degree entrance examination is in Post-Graduate level in the following areas:

- ▶ Classical Indian Theatre ▶ Contemporary Indian Theatre
- ▶ Folk Theatre of India ▶ Western Theatre: Greek, Roman and Elizabethan ▶ Asian Theatre

Technical aspects of Theatre:

- ▶ Lighting and Set & Scenic Design ▶ Make-Up and Costume ▶ Fundamentals of Play Production ▶ Theatre Management ▶ Stage Management ▶ Stage Manager
- ▶ Poster and Publications, Brochure ▶ Press, Media and Public Relations

Modern Western Drama:

- ▶ Realistic ▶ Non-Realistic Drama ▶ Expressionism and Theatre of Absurd ▶ Playwrights and their Plays
- ▶ Directors and their Productions ▶ Film and Film Theories
- ▶ History of Tamil Theatre ▶ Indian Music, Dance, Painting and Sculpture

## FACULTY

### Professor and Dean

**\*R.Raju, Ph.D.,**

(Tamil University, Tanjore)

*Specialization:* Stage Craft, Film Acting, Theatre Architecture, Direction and Yoga.

### Professor

**\*K.A.Gunasekaran, Ph.D.,** (On Lien)

Madurai Kamaraj University, Madurai

*Specialization:* Folk Theatre , (Folk Arts & Literature), Music in Theatre, Play Writing and Direction

### Reader And Head

**\*V.Arumugham, Ph.D.**

(Pondicherry University, Puducherry)

*Specialization:* Modern Choreography, Direction, Props and Vertical Theatre, Eunuch Theatre, Acting, Theru-K-Koothu, Play and Script Writing

### Lecturer

**K.R.Rajaravivarma, Ph.D.** (University of Madras, Chennai)

*Specialization:* Actor Training, Movement, Theatre Therapy and Martial Arts.

### Instructors

**R. Ramalingam, Ph.D.**

(Pondicherry University, Puducherry)

*Specialization:* Children's Theatre, Theatre in Education, Personality Development.

**S. Velayudame, M.Phil.**

(Pondicherry University, Puducherry)

*Specialization:* Scenography, Stage Lighting, Stage Craft, Make-Up and Stage Management.

**P. Murugavel, M.Phil.**

(Pondicherry University, Puducherry)

*Specialization:* Classical Music, Folk Music, Music for Theatre, Dalit Theater, Costume Design and Sound Design.

*\*Recognized supervisors for guiding Ph.D. candidates*

# SCHOOL OF SOCIAL SCIENCES AND INTERNATIONAL STUDIES

Dean: Dr. D. SAMBANDHAN

Department of Anthropology

Department of Sociology

Department of Social Work

Department of History

Department of Politics and International Studies

Madanjeet Singh Institute of South Asia Regional Cooperation (MISARC) &

Centre for South Asian Studies

Centre for Womens' Studies

Centre for Study of Social Exclusion and Inclusive Policy

The programmes offered are highly innovative and challenging. With students drawn from different parts of India, as also abroad the school

provides an excellent academic curriculum that has enabled the alumni to get positions in the

emerging labour markets of emerging countries, including the US and Europe.





## DEPARTMENT OF ANTHROPOLOGY

School of Social Sciences and International Studies

The Department of Anthropology provides facilities for intensive training and research in the areas of Social Cultural Anthropology, Medical Anthropology and Visual Anthropology. The Department aims to train candidates who are oriented towards advanced research and training related to scheduled castes, scheduled tribes and rural studies.

### PROGRAMMES OF STUDY

**M.A.** Anthropology  
**M.Phil.** Anthropology  
**Ph.D.** Anthropology

The programmes offered are highly innovative and challenging. With students drawn from different parts of India, the Department provides an excellent academic curriculum that has enabled the students to get positions in the emerging labour market.

### ENTRANCE EXAMINATION

**M.A.:** The entrance examinations will consist of objective type questions relating to the general understanding of Indian society and culture..

**M.Phil & Ph.D.:** The entrance examinations for admission to M.Phil & Ph.D. programme will be at the level of M.A in the following areas: Social Anthropology, Cultural Anthropology, Physical Anthropology, Pre-Historic Anthropology, Economic Anthropology, Medical Anthropology, Nutrition and Health, Women's Studies, Political Anthropology Visual Anthropology Tribal Folklore and Social Change. The entrance examination will consist of objective type questions for 100 marks.

### Infrastructure Facilities

The Department has good computer facilities with free internet access for the students and scholars. There are separate laboratories for Cultural Anthropology and Physical Anthropology.

### Special Grants

Major research projects were received from University Grants Commission, New Delhi, Indian Council of Medical Research, New Delhi, and Ministry of Social Justice Empowerment.

### Employment Orientation

Students of the Departments find placement in Anthropological Survey of India, Social and Tribal Welfare departments and Non-Governmental Organizations (NGO)

### FACULTY

#### Professor

**\*T Subramanyam Naidu, PhD.** (Mysore University, Mysore)  
*Specialization:* Cultural Anthropology, Tribal Studies, Nutrition and Health studies, Endangered Human Populations, Forecasting and Assessment studies.  
(On deputation as Director, Centre for the Study of Social Exclusion and Inclusive Policy, Pondicherry University)

#### Reader

**\*A. Chellaperumal, Ph.D.** (Madras University, Chennai)  
*Specialization:* Socio-Cultural Anthropology, Anthropology of Religion, Tribal Folklore, Ethno poetics.

#### Lecturers

**Ms. Valerie Dkhar, M.Sc.** (NEHU, Shillong)  
*Specialization:* Cultural Anthropology, Ecological Anthropology, and Tribal Development

**\*Jesurathnam Devarapalli, Ph.D.**  
(Andhra University, Andhra Pradesh)  
*Specialization:* Socio-cultural Anthropology, Ecological Anthropology

\* Recognized supervisors for guiding Ph.D. candidates

## DEPARTMENT OF SOCIOLOGY

School of Social Sciences and International Studies

The Department of Sociology was established in January 1993 and the first batch of M.A and Ph.D. degree students were admitted during the 1993-94 academic year. In the span of over one and half decades, the Department has trained a fairly large number of talented Post-graduate students drawn from different parts of the country. From its inception, the Department has focused on understanding the complexities of modern social life through the application of advanced sociological theories and methods within an interdisciplinary framework. Besides, our instructional methods pay special attention to developing skills in use of computers not only for data analysis but also as a tool for sourcing information and internet. The students are encouraged to acquire critical reading and data analysis skills through rigorous training.

Our alumni are employed in reputed governmental as well as corporate sector organizations. Many have found lucrative employment abroad. The research areas undertaken by students and faculty members cover wide range of issues of public concern like the effects of economic development on society and culture, problems of weaker sections, gender and society, disaster management, environmental issues, social movements, etc.

### PROGRAMMES OF STUDY

**M.A.** Sociology  
**M.Phil.** Sociology  
**Ph.D.** Sociology  
**P.G. Diploma** in Rural Development

### ENTRANCE EXAMINATION

**M.A.:** The entrance examination for M.A. will consist of objective type questions for 100 marks covering the following six units - Undergraduate Sociology, General Knowledge, Reasoning Ability, Quantitative Aptitude, English Vocabulary and Comprehension.

**M.Phil & Ph.D.:** The entrance examination for M.Phil & Ph.D. will consist of 100 objective questions on general sociology, social theories, Indian society and research methodology at the P.G. level.

### Infrastructure Facilities

Computer Laboratory with internet facilities  
Several modern instructional equipments.

### Placement

Apart from the general opportunities available for sociology students in Universities, Research Institutions, IITs, IIMs, etc.; placements are also available in international agencies & reputed NGOs working on developmental programmes, Banking & Corporate sectors, etc.

### FACULTY

#### Professor

**\*Bibhuti Bhusan Mohanty, Ph.D.**  
(Sambalpur University, Sambalpur)  
*Specialization:* Sociology of Development, Agrarian Change, Problems of Backward Classes, Economic Sociology.

#### Reader

**\*G. Ramathirtham, Ph.D.** (University of Poona, Pune)  
*Specialization:* Sociological Theories, Rural and Urban Sociology, Industrial Sociology, Sociology of Banking.

#### Lecturers (Senior Scale)

**\*C. Aruna, Ph.D.,** (Bharathiar University, Coimbatore)  
*Specialization:* Gender Studies, Gerontology, Social Network, Social Capital and Sustainable Development.

**\*Pradeep Kumar Parida, Ph.D.**  
(Utkal University, Bhubaneswar)  
*Specialization:* Social Problems, Sociology of Disaster Management and Environmental Sociology, Indian Society, Sociological Theories

\* Recognized supervisors for guiding Ph.D. candidates

## DEPARTMENT OF SOCIAL WORK

School of Social Sciences and International Studies

The Pondicherry University has been expanding continuously in terms of new educational programmes and established the Department of Social Work in October, 2007. The Department is offering Master of Social Work (MSW), M.Phil (Social Work) and Ph.D. (Social work) programmes with the aim of developing competent Social Work professionals who combine a strong theoretical foundation with a unique and sound practical experience. Students from different parts of our country are admitted in MSW, M.Phil and Ph.D. programmes.

### PROGRAMMES OF STUDY

**Master of Social Work (MSW)**  
**M.Phil. (Social Work)**  
**Ph.D. (Social Work)**

### ENTRANCE EXAMINATION

Admission to the MSW and M.Phil and Ph.D. programmes will be based on an All India level entrance examination conducted by the University. The question paper of MSW shall consist of only objective type questions for 100 marks in the areas of Social Work -undergraduate level (20 questions), general knowledge (20 questions), reasoning ability (15 questions), high school arithmetic (15 questions), English language vocabulary (20 questions) and English language comprehension (10 questions).

The question paper of M.Phil/Ph.D. shall consist of only objective type questions for 100 marks in various fields of social work.

commitment. The students attend to their field work every week and spend 15 hours with the field work agency. The MSW programme includes field work, rural camp, study tour, village work as part of the curriculum and it is compulsory for all the students. The students have to bear the expenses of the above mentioned field activities.

### Placements

Social Work graduates have wide scope in various organizations such as, Government Organizations, Public Sector Undertakings, Industries, MNCs, National and International Voluntary Organizations and Hospitals. They are recruited as HR Managers, Labour Welfare Officers, CSR Executives, Project Officers, Community Development Officers, Counsellors, Probation Officers, Rehabilitation Officers, Medical and Psychiatric Social Workers etc.

### FACULTY

#### Co-ordinator

**\*G. Ramathirtham, Ph.D.** (University of Poona, Pune)  
*Specialization:* Sociological Theories, Rural and Urban Sociology, Industrial Sociology, Sociology of Banking.

#### Reader

**\*R.Nalini, Ph.D.** (University of Delhi, New Delhi)  
*Specialization:* Human Resource Management, Gender studies

#### Lecturers

**\*K. Anbu, Ph.D.** (Bharathiar University, Coimbatore)  
*Specialization:* Human Resource Management, Industrial Social Work and Community Development.

**\*C. Sathesh Kumar, Ph.D.** (University of Madras, Chennai)  
*Specialization:* Community Development, Human Dimensions in Coastal Zone Management.

**P. B. Shankar Narayan, M.Phil.**  
 (Madurai Kamaraj University, Madurai)  
*Specialization:* Personnel Management, Industrial Relations, Labour Welfare.

**Iftekhhar Alam. MSW** (Aligarh Muslim University, Aligarh)  
*Specialization:* Community Development and Human Resource Management Social Work

*\* Recognized supervisors for guiding Ph.D. candidates*

### Programme Objective

The students of Social Work are equipped to appreciate the emerging needs of the society and to devise strategies to overcome the challenges posed by the social environment. The programme aims at organizing professional activities directed towards improving human and social conditions and alleviating human distress and mitigating social problems.

### Academic Perspective

The department offers MSW, programmes with specializations in Community Development, Human Resource Management and Medical & Psychiatric Social Work. Apart from being imparted with theoretical knowledge, the students of MSW undergo practical training in various Governmental and Non-governmental organizations, Industries and Hospitals. The field work programme is adopted to enable the students to acquire professional skills, attitude, values, ethics and

## DEPARTMENT OF HISTORY

School of Social Sciences and International Studies

The Department of History was established in December 1987 with following main objectives:

- To provide facilities for study and research in social, economic and cultural history of India
- To highlight the intellectual tradition and cultural heritage of India
- To explore the history of countries other than India
- To undertake the study of historiography and the philosophy of history.
- To provide knowledge of the theory and practice of historical writing

### PROGRAMMES OF STUDY

**M.A.** History  
**M.Phil.** History  
**Ph.D.** History

### ENTRANCE EXAMINATION

The admission will be based on the performance in the entrance examination. The entrance examination question paper will consist of objective type questions (100 marks). For M.A. programme, the questions would be at the graduate level, testing the students' comprehensive understanding of the ancient, medieval and modern periods of Indian History. For M.Phil. and Ph.D. programme, the questions will be of the P.G. level, testing the candidate's ability for historical analysis and critical study and in-depth understanding of Archaeology, Historiography and History of India.

The areas of interest of the Department are as follows:

#### Historiography

- Principles and methods of writing history
- Evolution of historical knowledge and its understanding
- Formulation of historical theories and their practice

#### Ancient History

- Epigraphy and Numismatics
- Art and Architecture of India
- Archaeological Theories and Methods
- Field Archaeology

#### Medieval History

- Early Medieval South India
- Vijayanagara : City and Empire
- Temple in Medieval South India

#### Modern History

- Colonialism and its impact

- National movement and making of modern India
- Women's history
- Labour and peasant history
- Economic and intellectual history
- Contemporary India

The Department of History has as its primary mission teaching and research in diverse fields of Indian History with the aim of making the students aware of the rich cultural heritage of our country. A number of courses dealing with the social, economic and cultural history of India are offered by the faculty and these range from the ancient to the post – Independence period. The students of the Department have been successful in the National Eligibi





## Infrastructure Facilities

The Department is equipped with Internet facility and a computer lab. The students can also avail themselves of the Computer Centre of the University as well as the School. The department has been selected for Special Assistance Programme under University Grants Commission.

## Study Tour

Field based archaeological studies and field trips to archives and sites of historical importance are organized to enable students to have first hand information of our heritage.

## FACULTY

### Professor & Head

**\*Venkata Raghotham, Ph.D.**

(University of Hawaii, Honolulu)

*Specialization:* Medieval History, Historiography, Medieval History of South India.

**\*K. Rajan, Ph.D.** (Mysore University, Mysore)

*Specialization:* Archaeology of South India, Field Archaeology, Early historic Archaeology and Indian Epigraphy.

### Reader

**\*G. Chandrika, Ph.D.**

(Annamalai University, Annamalai Nagar)

*Specialization:* Modern History, Intellectual History of Modern India, Historiography and Women's History.

**\*K. Venugopal Reddy, Ph.D.**

(Jawaharlal Nehru University, New Delhi)

*Specialization:* Modern History, Economic History of India, Nationalist Movement in India and Labour History.

**\*N. Chandramouli, Ph.D.** (Telugu University, Hyderabad)

*Specialization:* Archaeology of South India, Rock Art of India, Indian Numismatics, Indian Epigraphy and Field Archaeology History

*\* Recognized supervisors for guiding Ph.D. candidates*



# DEPARTMENT OF POLITICS AND INTERNATIONAL STUDIES

School of Social Sciences and International Studies

The salient features of the Department include:

- Exchange programmes with prestigious foreign and Indian universities.
- Interactions with distinguished Indian and foreign scholars through seminars, conferences, workshops and refresher courses.
- Promoting teaching and research in the areas of International Relations and Area Studies in general and South and South-East Asian studies in particular.
- Exchange programmes with prestigious foreign and Indian universities.
- Policy input to the makers of India's foreign and security policies as well as the theoretical understanding of International Relations.
- Publication of Scholarly Journals on International Studies & South Asian Studies.
- Publication of Scholarly Books on the Thrust Areas of teaching and research programmes in the Department.

## PROGRAMMES OF STUDY

**M.A.** Politics & International Relations

**M.Phil.** Politics & International Studies (Full-time)

**Ph.D.** Politics & International Studies  
(Full-time & Part-time (Internal & External))

**Add-On Courses**

**P.G. Diploma** in Industrial Relations & Labour Laws

**P.G. Diploma** in Human Rights

## ENTRANCE EXAMINATION

For M.A. in Politics and International Relations, the question paper will consist of objective type questions with objective type in the areas of contemporary International Relations, Indian History, Politics, and Foreign & Security Policy of India, General Knowledge and General English.

For M.Phil. and Ph.D. programmes, the question paper will consist of objective type questions in the areas of International Relations, Indian Political System including Indian Constitution, Indian Foreign Policy, Indian Politics, Indian Economy, Current Affairs of National and International Importance, Research Methodology and General English.

## The Thrust Areas of Teaching and Research

• Specific focus on India's foreign and security policy, Indian political system, Political Theory, Political Economy of Development, Public Administration, South Asian Regional cooperation and international finance.

## Infrastructure Facilities

The Department has good infra-structural facilities including interactive class rooms, LCDs and other teaching aids to assist teachers and students in their pursuit of academic excellence.

## FACULTY

### Professors

**\*N. K. Jha, Ph.D.** (Jawaharlal University, New Delhi)

Professor & Director, Madanjeet Singh Institute for South Asia Regional Co-operation (MISARC)

*Specialization:* India's Foreign Policy, Indian Constitution and Politics, South Asian Security Issues, Ancient Political Thought.

**\*D. Sambandhan, Ph.D.** (Gokhale Institute, Pune)

Professor & Dean, School of Social Sciences & International Studies.

*Specialization:* International Finance, Exchange Rate Economics, Structural Economic Reforms.

**\* Mohanan Bhaskaran Pillai, Ph.D.**

(University of Kerala, Trivandrum) **Professor & Head**

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



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

(Annamalai University, Chidambaram)

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

## Readers

**\*P. Moorthy, Ph.D.**

(Jawaharlal Nehru University, New Delhi)

*Specialization:* Peace and Disarmament Studies, Science and Technology, Nation Building and Human Resources Management.

**\*B. Krishnamurthy, Ph.D.**

(M.S. University of Baroda, Baroda)

*Specialization:* European Integration, Indo – French Relations, and Human Rights.

## Lecturer (Selection Grade)

**L. Prema Shekara, M.Phil.**

*Specialization:* International Relations, Foreign Policy of the US, Indo-Pakistan Relations.  
Politics and International Studies

*\* Recognized supervisors for guiding Ph.D. candidates*



# MADANJEET SINGH INSTITUTE OF SOUTH ASIA REGIONAL COOPERATION (MISARC) & CENTRE FOR SOUTH ASIAN STUDIES

School of Social Sciences and International Studies

The Centre for South Asian Studies, established under the UGC Area Studies Programme in Pondicherry University in the year 2005, launched Post Graduate Programme (M.A) in South Asian Studies for the first time in the country during the XI plan. An International Journal of South Asian Studies was also launched during this period. Since 2008, the South Asia Foundation (SAF) has been supporting 16 Madanjeet Singh Group Scholarships to students (two from each SAARC country) to study this course. The Centre got another major boost with the signing of an MOU between Pondicherry University and the SAF on June 20, 2009 for establishment of the Madanjeet Singh Institute of South Asia Regional Cooperation (MISARC). The Institute began functional with the appointment of its first Director with the concurrence of the SAF.

The Institute is currently offering the Post Graduate and Research Programmes in South Asian Studies, which is uniquely designed to provide cutting edge knowledge of South Asian history, society, culture, economy, governance and politics, etc., from an interdisciplinary perspective. Students are expected not only to develop broad knowledge base to critically understand contentious issues concerning South Asia, but also offer a holistic perspective to address them and contribute towards promoting peace and cooperation in the region. Together with the publication of the Journal, the Institute offers a broad research platform for refined academic debates with regular guest lectures by eminent scholars and diverse academic activities.

## PROGRAMMES OF STUDY

**M. A.** South Asian Studies  
**Ph.D.** South Asian Studies

## ENTRANCE EXAMINATION

For M.A in South Asian Studies, the question paper will have objective type questions in the areas of contemporary South Asian society, culture, politics, economy and foreign policy. For Ph.D programme, the question paper will consist of objective type questions in the areas of contemporary international and South Asian affairs, political systems, economy, history and foreign policy of South Asian countries.

## The Thrust Areas of Teaching and Research

Foreign Policy of South Asian Countries, South Asian Regional Cooperation, Peace and Security in South Asia, South Asia in World Affairs as well as Economic Development, Society, Culture and History of South Asia.

## Infrastructure Facilities

The Institute has good infrastructure facilities including computers with internet connection, over head projector and LCD projector etc., to support teachers and students in their pursuit of academic excellence and relevance. The grand MISARC building with fully furnished and well equipped with latest audio-visual facilities will be ready by the end of this academic year.



## The Salient Feature and Objectives of the Institute include

- Offering of at least 16 fully paid MSG scholarships, including travel, boarding, lodging and tuition fees, to South Asian students based on gender equity.
- Offering a number of visiting Research Fellowships to Ph. D students from SARRC countries for field work
- Collaborating with prestigious foreign and Indian universities, for academic and cultural exchange.
- Interactions with distinguished Indian and foreign scholars through seminars, conference, workshops, refresher courses, and lecture series.
- Developing a digital library specializing in South Asian Studies as well as cultural subjects of arts and literature, for global reference and maintaining a network for scholars to specialize in South Asian Studies in SAARC and other regions of the world.
- Promoting cultural convergence of talented writers, musicians, dancers and other art practitioners, at international level.
- Suggesting possible Policy inputs to decision makers of South Asian countries for promoting regional cooperation in terms of education, culture, heritage, and social networking.

## FACULTY

### Professors

\*N. K. Jha, Ph. D. (Jawaharlal Nehru University, New Delhi)  
*Specialization:* India's Foreign Policy and Politics, South Asia in International Politics, International Relations Theory.

### Associate Professor

\***A.Subramanyam Raju, Ph.D.** (University of Hyderabad)  
*Specialization:* South Asian Politics and Security Issues, Maritime and Energy Security Issues, India-US Relations  
 Assistant Professors

**S.I. Humayun, Ph.D.** (University of Madras)  
*Specialization:* Non-Traditional Security Issues in South Asia, Maritime Security Affairs

\***D. Purushothaman, Ph.D.** (Pondicherry University)  
*Specialization:* Indo-US Relations, Security Issues in South Asia

**V. Santhosh Mathew, M. Phil.,**  
 (Mahathma Gandhi University, Kottayam)  
*Specialization:* International Organizations, Political Economy, Comparative Politics.

\* *Recognised supervisors for guiding doctoral research*



# CENTRE FOR WOMEN'S STUDIES

School of Social Sciences and International Studies

Established in July 1999, the Centre offers M.Phil., and Ph.D. in Women's Studies. The overall approach to Women's Studies in this Centre is multidisciplinary. The prime aim of the Centre is the creation of a critical awareness and sensitivity towards women's issues in every field. Both male and female students are admitted. A holistic approach to gender studies is envisaged. It encourages women's academic development and empowerment, the major objective being women's empowerment, the marking out and the definition of a female space.

## PROGRAMMES OF STUDY

**M. Phil.** Women's Studies (Full-time)

**Ph.D.** Women's Studies  
(Full-time & Part-time (Internal & External))

## Infrastructure Facilities

Computer, Overhead projector, Colour television, LCD projector, Slide projector and Audio system.

## FACULTY

### Co-ordinator

### Reader

**\*Usha V.T., Ph.D.** (University of Kerala, Trivandrum)

*Specialization:* Feminist theories, Women's discourse, Indian women's writing and Representation of women in the media. Genre Studies

*\* Recognized supervisors for guiding Ph.D. candidates*

## The Thrust areas Research

- Generating awareness towards women's issues
- Gender sensitivity
- Women's empowerment
- Expression of the women's voice
- Socio-cultural factors and marginalization, Legal rights of /for women
- Restructuring women's role in history
- Critical analysis of stereotyping



# CENTRE FOR STUDY OF SOCIAL EXCLUSION AND INCLUSIVE POLICIES

School of Social Sciences and International Studies

The Centre for Study of Social Exclusion and Inclusive Policy is an interdisciplinary one providing facilities for intensive training and research in the area of social exclusion and inclusive policy. The centre orients students for advanced research on the processes of social exclusion and possibilities of inclusive policy for the Scheduled Castes, Scheduled Tribes, Other Backward Classes, Women, Linguistic and Religious Minorities, groups stigmatized for health reasons and other marginalized groups. The coursework and research in this interdisciplinary centre incorporates both theory and methodology of anthropology, sociology, social work and economics.

## PROGRAMMES OF STUDY

**M.Phil.** Social Exclusion & Inclusive Policies

**Ph.D.** Social Exclusion & Inclusive Policies  
 (Full-time & Part-time [Internal & External])

## ENTRANCE EXAMINATION

The entrance examinations for admission to M.Phil. and Ph.D. Programmes will be at the level of Post Graduate in the following areas: Anthropology, Sociology, Social Work Home Science, and Economics with special attention to qualitative and quantitative research methods and concepts related to social exclusion and inclusive policy. The entrance examination will consist of objective type questions for 70 marks and descriptive questions for 30 marks.

## Lecturers

**Thanuja Mummidi, Ph.D.** (University of Madras, Chennai)  
*Specialization:* Anthropology- Livelihoods & well-being with specific reference to Scheduled Castes and Scheduled Tribes; interface between Ecological & Economic Anthropology.

**Esthara Krishna Rao, Ph.D.**  
 (University of Hyderabad, Hyderabad)  
*Specialization:* Economics-Agrarian studies, land reforms, labour, poverty, social and economic problems of Scheduled Castes & marginalised groups.

**A. Chidambaram, M.Phil.**  
 (Bharathiar University, Coimbatore)  
*Specialization:* Social Work- Community Development; Disability & education; Reproductive Child Health.

*\* Recognized supervisor for guiding Ph.D. candidates.*

## Infrastructure Facilities

The centre has good computer facilities with free internet access for students and scholars.

## Employment Orientation

Students will find placements in Social and Tribal Welfare Departments, Policy Research Institutes, Non-Governmental Organizations, and all Academic Institutions..

## FACULTY

### Professor

**\*T. Subramanyam Naidu, Ph.D.**

(Mysore University, Mysore)

*Specialization:* Anthropology, Nutrition and Health Studies, Tribal Ethnography, Sustainable Development, Endangered Human Populations, Scheduled Caste and Scheduled Tribal Studies, Forecasting and Assessment Studies, Rural Development.





# SCHOOL OF EDUCATION

Dean: Prof. M. S. Lalithamma

The School of Education was established in 2007. With its competent faculty, the School offers various courses. The Masters in Education provides opportunities for the capacity building of future teacher educators. The Department lays emphasis on Educational Technology, Teacher Education, Economics of Education, Educational planning and administration, Value Education Environmental Education and Guidance and Counselling. The Ph.D. programme is offered in areas of Education and allied disciplines promoting Educational research from interdisciplinary perspective.

The faculty members have wide teaching and research experience, published many research papers and books. They have also been referees in national and international journals and are members in the National Committees.

## PROGRAMMES OF STUDY

**M.Ed.** Master of Education

**Ph.D.** Education

(Full time and Part-time Internal and external)

**P.G. Diploma** in Teaching Skills

**Diploma** in Preschool Education (under Popularising Preprimary Education Project of the University – PPERA).

## ENTRANCE EXAMINATION

For **M.Ed.** programme, candidates are selected on the basis of merit through All India Entrance Examination. The Question paper will consist of 100 objective type questions based on syllabus generally offered for undergraduate course in Education (B.Ed.).

For **Ph.D.** programme, the question paper will consist of 100 objective type questions on core foundations papers in Education and Research Methodology and Statistics generally offered in any M.Ed. programme.

**P.G. Diploma** in Teaching Skills is an Add-on course offered in the evening for two semesters for any graduate to develop competencies in teaching among working teachers, research scholars and students of higher education.

**Diploma** in Preschool Teacher education is offered to women candidates who have passed at least +2 in order to promote preprimary education women entrepreneurship in Popularising Preprimary Education in Rural Areas. Admissions are based on an entrance test.

## Infrastructure Facilities:

School of Education has a modest Multi-Media Laboratory equipped with latest gadgets, internet and LAN connectivity, Educational software, data (qualitative & quantitative) software. Classrooms are equipped with DLP Projector, home theatre, Visualiser & interactive white board which are used by both students and teachers during curriculum transaction.

The School has a psychology laboratory having more than 400 psychological tests and materials available for teaching, research and extension activities of different courses and programmes.

## Research & Extension Activities:

Faculty members are working on projects funded from UGC, DST, ICSSR and other national institutes. As an outreach programme, the School of Education is engaged in promoting and Popularising Preprimary Education in Rural Areas (PPERA) through its own Preprimary School and preprimary teacher training programme for talented women under PPERA of Pondicherry University.

## Placements of our Alumni:

Many students have cleared NET Examination and are eligible for JRF of UGC. They have all been placed in DIET's, Colleges of Teacher Education, Teacher Training Institutes and schools. Some of them have enrolled for full-time research in education.

## FACULTY

### Professor

**Dr. M.S. LALITHAMMA, Professor, Head & Dean.**

M.A.(Psychology), M.Ed., Ph.D. (Edn.) (Centre of Advanced Study in Education, M.S. University of Baroda)

*Specialisation:* Research Methodology & Statistics in Education, Psychology of Education, Philosophy of Education, Teaching & Teacher Effectiveness; Elementary Education, Microteaching & Teacher education.



## Readerss

### **Dr. M. BALAMURUGAN,**

M.Sc. (Mathematics), M.Ed., Ph.D.(Edn.)  
(Annamalai University)

*Specialisation:* Mathematics Education, Educational Planning and Administration, Teacher Education, Educational Psychology, Value Education, Statistics in Education.

**Dr. MUMTAZ BEGUM,** M.A.(Eng.), M.A.(Socio), M.Sc.(Bio Info), M.Ed., M.Phil.(Edn), M.Phil, (Eng), Ph.D. (Edn.) (University of Madras) PG Dip (Dis. Edn.), P.G..P.D.(Spl. Edn.).

*Specialisation:* Vocational Education, Special Education, Distance Education, Higher Education, Gender Education & Teacher Education.

### **Dr. K.CHELLAMANI,**

MA (English), M.Phil., M.Ed., Ph.D.(Edn.)  
(Alagappa University)

*Specialization:* Research Methodology, Experimental Design, Psycholinguistics, Metacognition, Portfolio Writing, English Language Teaching and Teacher Education

## Lecturers

### **Shri. VIJAYKUMAR .R,**

M. Sc.(Earth Science and Resource Management), M.Ed., M.Phil., NET (UGC).

*Specialization:* Foundations of Education, Multi-Media Technology of Education, Teacher Education, Environmental Education, Guidance and Counselling.

### **Dr. AMRUTH G KUMAR,**

M.A.(Economics), M.Ed., Ph.D.(Edn.). (M. G. University)

*Specialization:* Information Skills, Economics of Education, ICT in Education, Philosophy of Education.

### **Dr. SREEKALA .E,**

M.A.(Sociology), M.Ed., Ph.D.(Edn), (Regional Institute of Education, Mysore)

*Specialization:* Sociology of Education, Special Education, Higher Education, School Education.



# SCHOOL OF MEDIA & COMMUNICATION

Dean: to be appointed

The school of Media and Communication is an emerging academic unit of the University. The school includes the following departments and centres of learning: The world of Digital Media and Culture including Information Science and Technology, is the future of human excellence for all walks of life. Every aspect of development and progression of a nation depends on not only the Science and Technology of Information but the channels of Media and Communication. This school is the jewel in the crown of Pondicherry University.

Centre for Electronic Media

Department of Mass Communication

Department of Library & Information Sciences



# CENTRE FOR ELECTRONIC MEDIA

School of Media & Communication

The Centre for Electronic Media was established in 2007. Its prime objective is to offer Post Graduate Programmes in Electronic Media and Mass Communication to empower them to join the highly stimulating and rewarding world of TV, RADIO, PRINT, WEB and Mobile Communications, both in India and abroad. In addition, the Centre aims to produce general and educational video / audio documentaries for Telecast through Gyan Darshan and other channels and through its own Community Radio Station, Puduvai Vaani FM 107.8 MHz. The Centre for Electronic Media has the state of the art TV Production Studio, a well equipped Multimedia laboratory, qualified and experienced production team and other supporting facilities to turn out efficient media professionals. It is also geared to offer top of the line consultancy services in Media, Telefilm production, Promotional films and online Hyper Media applications including advanced Graphics and Animation.

The courses are a well thought out using a blend of practicals and theory papers. They offer hands on experience through providing stimulating exposure to a variety of media and technological platforms. The curriculum was designed by experts from the world of media who are fully familiar with its trends and developments. Students are trained in on-going production works for video and on-the-job transmission in Radio.

The Centre intends to act as a hub for knowledge dissemination through media in the core areas of education, culture and social development. This centre has received national awards and citations for its production from the Consortium for Educational Communication (CEC) of the UGC, New Delhi.

## PROGRAMMES OF STUDY

**M.Sc.** Electronic Media

**PG Diploma** Film and Television (Add-on)

**PG Diploma** Media and Communication (Add-on)

**Ph.D.** Electronic Media

## ENTRANCE EXAMINATION

Students are selected for these programmes through Entrance Tests conducted by the University and based on reservation policies of the government. In the entrance test students' abilities and knowledge are evaluated through 100 objective type questions.

### Masters' Degree Courses

The test covers areas like General aptitude, Media & Society, Media & COmmunication, Numerical ability, General knowledge, language and grammar, logical reasoning and computer applications.

### Ph.D. admissions in Electronic Media

The test covers subjects like Visual Media, Digital Media Instrumentation, Script Writing, Photography, Videography, Radio Production, Film and TV programme production, Graphics and Animation, Media Law and Ethics, Multimedia Authoring, News Casting and Web Casting.



## INFRASTRUCTURE

The Centre has multiple units of Camera, editing and screening equipment (with the latest industry standards in hardware and software) to cater to the practical coursework of Post Graduate students. The following are the key facilities and supporting equipment available at the Centre:

### A) VIDEO PRODUCTION STUDIO

The Centre's video studio has the most recent of sophisticated equipment for video production Processes. These include a Sony XD Cam, Sony D55 Professional video camera, a Sony PD170 Video Camera and a Panasonic 102B, NV MD 10000 & NVG330 digital video camera and Digital SLR Nikon D90 and Canon Power shot for Photo journalism. It has three state of the art video mixers for multi-camera production that includes a Sony Anycast station, a Panasonic AGMX70 Digital Mixer and Data video switcher SE 800. Additionally the studio has Canara Cool lights, an External Chroma Key and character generator, a Camera control unit, a Teleprompter, Yamaha O1V96 digital audio mixer & a Mackie 12 channel audio mixer and a Sony DVCAM recorder.



## B) MULTIMEDIA LAB

The Multimedia lab has 35 high end computer systems. The lab also has the latest versions of supporting software that include 3DStudio Max; Maya, Adobe CS4 Master Collection, Quark Express 8, Avid Media Composer, Final Cut pro, Adobe Flash Professional CS3, Photoshop CS3, Director, Dream weaver CS3, Premiere Pro CS3; Ulead Video studio 11 and Sound Forge 9, Cool Edit pro . A separate edit suite with Avid Mojo SD, Mac Pro with FCP & DPS velocity HD work station for video editing is also available.

## COMMUNITY RADIO STATION – PUDUVAI VAANI FM 107.8 MHZ

Puduvai Vaani is a recently established FM Radio facility. It is a Community Radio Station (CRS) that works on FM 107.8 MHz, covering an area of 20 km radius from the University campus. This station broadcasts programmes in both Tamil and English languages. It is also planning to launch the radio tutor for functional Hindi. The programmes galore include radio tutor, women empowerment, health and child development, etc. Media students will undergo training in the production of radio programmes that will include writing of radio scripts, voice modulation and live broadcasting over an FM radio channel. The station is a “first of its kind” among CRS with 2 suites for radio production and one suite for transmission & live broadcasts.

## LAB JOURNAL - THE INQUIRER

The students are encouraged to participate in the video documenting of all the major events and programmes of the University like seminars, workshops, conferences, meets and cultural events. The Electronic Media students release a “University Campus News Bulletin” (Video) and the students of Mass Communication will bring out “*The Inquirer*”, a lab journal, every semester.

## FILM FESTIVALS

The University organises film festivals in order to expose students to trends and developments in documentary films and film making. In 2008 it hosted the “Prakriti”, documentary film festival on the environment, in collaboration with UGC-CEC, New Delhi. “Prakriti 08” was a national level documentary film festival with entries produced by EMMRC, FTI, NGOs and independent film makers. Students from all over India participated in this event, which provided a valuable platform for interaction with reputed and experienced documentary film makers. These film festivals are a valuable source of information to students both for their enlightening content and their production values.

## VIDEO ARCHIVES

The Centre maintains a video archives on various activities happening in the University. These include the annual convocation ceremony, the recently concluded south zone Vice-Chancellors meet, film festivals, the inauguration of various departments, seminars, workshops and other art and cultural events on the university campus. Audio/ Radio Archives The Centre also maintains an audio archives on Carnatic music, various kinds of instrumental and folk music, devotional songs; features on scientists, national leaders, places, countries, cultural festivals and more than fifty hours of lecture series on various subjects. The archive has an Audiopedia in Tamil presently and will soon include one in English and other regional languages. In-house TV Productions The Centre is actively engaged in producing creative programmes and documentaries on various topics and themes. The list includes films on Pondicherry University, the renowned historical fort city of Gingee – “The Troy of the East”, the personality of the famous educationist and freedom fighter, Dr. Maulana Abdul Kalam Azad, the migratory life of Flamingo birds and the exotic jack fruit. The Centre also produces quality educational programmes and generates e-content materials in various fields and subjects. A separate web server has been established to house all these productions of the University. Public and students can browse: [www.pucul.edu.in](http://www.pucul.edu.in) for utilizing the resources.

## AUDIO RESOURCES

The FM Community Radio Station has produced more than 500 hours of audio / radio content which are suitable for broadcast through any radio stations on varieties of themes from health, education to entertainment. Fresh recording of music and lectures have been done to generate copyright products from this centre since 2008.

## NATIONAL SEMINARS

The Centre is active in conducting seminar and conferences. Recently, the centre organized a national seminar on Emerging trends in Media: The rise of Digital culture and its impact on information society which was received. Nearly 66 research papers were presented from all parts of the country and threw light on digital media and cyberculture.



## FACULTY

### Co-ordinator

**Prof .A. BALASUBRAMANIAN, Ph.D.**

(University of Mysore),  
Formerly Director-EMMRC, University of Mysore, Presently  
Director – Culture & Cultural Relations,  
Pondicherry University.

*Specialization:* Educational Communication, ICT in  
Education, Authoring E-Content, Multimedia Production  
Tools & Techniques, New Media Applications, Image  
Processing.

Receipient of: Vikram Sarabhai Life Time Achievement  
Award (2007) for Educational Communication.

### Professor

**Dr. V.Senapathi, D.F.T. MA. M.Phil. Ph.D.**

(Pondicherry University)  
Formerly Deputy Director General- Doordarshan, Chennai  
*Specialization:* Television Production, Experimental Video,  
Documentary Film, Screen plus writing and film making.

### Reader

**Dr.S.Arulselvan. M.A., Ph.D.**

*Specialization:* Communication Research, E-Content,  
Journalism (Print & Web), ICT applications for Education,  
Media Management, Media Content Development.

### Lecturers

**Mr. A. Muthamil, M.Sc., M.Phil.**

(Electronic Media, Anna University, Chennai).  
*Specialization:* Television Production, Videography, Editing,  
Film Studies.

**Ms. V. Santhi Siri., M.F.A, M.Phil. MCJ,**

[Hyderabad University (A Central University)]  
*Specialization:* Visual Arts, Graphic design, Animation,  
Radio production.

**Dr. T.Balasaravanan. M.A, Ph.D.** (Pondicherry University)

*Specialization:* Lighting Design, Postproduction, Film  
making, Performing Arts.

## MEDIA -PRODUCTION PROFESSIONAL

1. Mr. A. Sanjeev Kumar, M.A. - Producer
2. Mr. S. Balamurugan, M.Sc. - Production Assistant
3. Mr. M. Iyyanar, M.Sc. D.F.Tech - Technical Assistant
4. Mr G. Siva Kumar, D.T.C - Camera man
5. Mr S. C. HemaKumar, PGDEM, M.A- Lab Assistant
6. Ms. M. Manamathi, M.B.A. PGDAM  
- Graphic Assistant
7. Mr. A.B. Santhosa, M.Sc.  
- Professional Media Assistant
8. Mr. D. Durai Vijayan, DEE - Shooting Assistant
9. Mr. V. Meenakshi Sundaram, I.T.I, ADCHM  
- Media Technician
10. Mr. M. Umesan. I.T.I - Media Technician
11. Mrs.S. Saleema Rabiyyath. M.A., M.B.A. -  
Programme Executive(Puduvai Vaani FM-CRS)
12. Mr. A.Mani. DEEE – Station Engineer  
(Puduvai Vaani FM- CRS)
13. Mr. K. Karthikeyan B.B.A. - Translator cum  
Announcer (Puduvai Vaani FM- CRS)
14. Mr. G. Govindarajan. M.A. - Sound Recordist  
(Puduvai Vaani FM- CRS)
15. Mr. D.Gnanavel. M.Sc - Sound Recordist  
(Puduvai Vaani FM- CRS)

### VIDEO PRODUCTIONS (DOCUMENTARY) OF 2008-2009

- The Treasure Trove of India  
(Andaman & Nicobar Islands)
- Dr. Sports
- Gingee – The Troy of the East
- The Croaking of Frog
- Maulana AbulKalam Azad
- The Pied Piper
- Flamingos
- Pondicherry University
- The Handsome tree – Jack Fruit

## DOCUMENTARIES BAGGED NATIONAL AWARDS

1. Slaves of the Lamp
2. Mahabalipuram- Save the Heritage

## FILM FESTIVAL 2010

1. Transgenders - Aravannies
2. Slaves of the Lamps

## CONTACT PERSON

### CO-ORDINATOR

Prof .A. BALASUBRAMANIAN, Ph.D. (University of Mysore),  
Director – Culture & Cultural Relations,  
Pondicherry University.

Email: director-ccr@pondiuni.edu.in and  
emmrc1@gmail.com

Phone: 91-413-2655642, 2654551

Fax : 91-413-2655632, Mobile: 91-9442100660

## WEBSITE OF THE CENTRE

The Center maintains the website [www.pucul.edu.in](http://www.pucul.edu.in) for showcasing all its media productions carried out since 2008 in this University. Video and audio media resources of all University level Programmes conducted by various schools, departments and centres could be accessed from this site. Invited lectures, functions, convocations, special events, meetings, conferences and cultural programmes of the University are made available through a separate media server and a high capacity SAN BOX storage facility.

# DEPARTMENT OF MASS COMMUNICATION

School of Media & Communication

## PROGRAMMES OF STUDY

**M.A.** Mass Communication

**Ph.D.** Mass Communication

**PG Diploma** in Media and Communication (Add-on)

## ENTRANCE EXAMINATION

Students are selected for these programmes through Entrance Tests conducted by the University and based on reservation policies of the government. In the entrance test students' abilities and knowledge are evaluated through 100 objective type questions.

### Masters' Degree Courses

The test covers areas like General aptitude, Media & Society, Media & COmmunication, Numerical ability, General knowledge, language and grammar, logical reasoning and computer applications.

### Ph.D. admissions in Mass Communication

The test covers subjects like Media & Society, Print Media, Reporting, News Analysis, Public Relations, Media Research, Advertisement, Radio and TV productions, Graphics and Animation, Photojournalism, Media Law and Ethics

## FACULTY

### Co-ordinator

**Prof .A. BALASUBRAMANIAN, Ph.D.**

(University of Mysore),

*Specialization:* Educational Communication, ICT in Education, Authoring E-Content, Multimedia Production Tools & Techniques, New Media Applications, Image Processing.

### Lecturers

**Ms.Radhika Khanna, M.A.**

(Mass Communication, AJK Mass Communication Research Centre, Jamia Millia Islamia, New Delhi.)

*Specialization:* Anthrosemiotics, Journalism, Public Relations & Corporate Communication, Advertising, Film Studies, Documentary (Photography, Radio, T.V. & Film) Production. News paper design and production, Theatre – in - Education .

**Mr.M.Shuaib Mohamed Haneef, M.A.**

(Communication, M.S.University, Tirunelveli.)

*Specialization:* Journalism (Print & Web), online journalism-Citizen Journalism, New Media Research/ ICT – Development, E- Learning, Social Media tools & Learning, Games & Narratives.

**Mr. Samarjit Kachari, M.A.** (Mass Communication)

*Specialization:* Development Communication, Radio production, Reporting & Editing, Communication Theories, Public Relations, International Communication.

# DEPARTMENT OF LIBRARY & INFORMATION SCIENCES

School of Media & Communication

The Department of Library and Information Sciences was started during the academic year 2007-08. The Department offers professional Master's Degree programmes MLIS and an Add on Course in the evenings namely, PGDLAN. MLIS course duration is two years - four semesters. Candidates who have passed any Bachelor's Degree examination from a recognized university under 10+2+3 system and who have secured at least 50% marks in aggregate in Part III (main subjects) are eligible to apply for seeking admission to this course. In case of candidates belonging to SC/ST category, relaxation in the percentage of marks shall be as per the University Guidelines issued from time to time. The Add on Course PGDLAN classes would be conducted in the evenings only for two semesters.

## PROGRAMMES OF STUDY

### **M.L.I.S.**

(Master of Library & Information Science)  
(Full-time- two years)

**Ph.D.** (Library & Information Science)

### **PGDLAN**

(Post Graduate Diploma in Library Automation and Networking) (Evening – one year)

## ENTRANCE EXAMINATION

### **M.L.I.S.**

Candidates seeking admission to the programme shall be required to appear for a 2 hours written examination conducted by the University during the last week of May or first week of June or on the date announced by the University. The written examination shall consist of 100 objective type questions to test mental ability, aptitude and general knowledge of the candidate consisting of questions from current topics of general interest, books, authors, libraries, information resources, reading habits and other related areas.

### **PGDLAN**

Any graduate with the qualifications prescribed by the University for MLIS programme are eligible to apply. Selection will be based on qualifying marks. Major objectives of the M.L.I.S.

## Programmes Objectives

To familiarize students with basic concepts of information and its communication in society,  
To learn advanced information processing techniques and develop capability in retrieving information by applying different search techniques, To acquaint students with the activities and services of different information systems and introduce there packaging and consolidation techniques,  
To introduce the different methods and techniques of research, To identify and learn the major issues in the development of new technology in the libraries, To develop skills in using computer and communication technology; and, To introduce modern tools and techniques to students to manage Libraries and Information Centres effectively.

## Selection for Admission

The selection of candidates shall be made on the basis of the marks scored in the entrance examination. The entrance examination is conducted to evaluate the knowledge and abilities of the students acquired during their graduation. 100 objective type questions.

## Infrastructure Facilities

The Department has modern classrooms and well established computer lab with sufficient computers installed with the required software for teaching and practice. Internet facility with higher bandwidth is also available and it may be highlighted that the campus is WiFi enabled.

## Placements Opportunities

M.L.I.S. degree programme is a professional course. There is a great demand for the library professionals in the job market. M.L.I.S. postgraduates get placed as Librarians, Information Scientists, Knowledge Managers, Technical Editors, Consultants etc., Those who qualify UGC- NET

or SLET examination can enter academics as Lecturer or pursue research in the field of Library & Information Science with UGC fellowship. An added qualification of PGDLAN would place the student at a higher advantage in the job arena with knowledge of automation and networking. The course content The curriculum structure of MLIS programme.

## Theory

Information Resources, Knowledge Organization, Introduction to Information Technology, Management of Information Centres, Communication Skills & Public Relations (PR), Information Storage & Retrieval, Research Methods, Marketing of Information Products and Services, Knowledge Management, Digital Libraries, and any two optional of Web Technology, E-Publishing, Informatics, Industrial Information System and Technical Writing.

## Practicals

The practical courses of MLIS programme are :  
Information Technology practice which includes KOHA, WINSIS, LIBSYS, SOUL, GSDL, Dspace and E-prints  
Information processing – I : Classification practice according to DDC, Ed.22  
Information processing – II : Cataloguing practice according to AACR-2, MARC-21

## Project and Internship

Besides the above, the students will have to complete a project as a part of the programme, and should also undergo an internship for 20 days in a reputed library / information centre during summer vacation between second and third semesters.

## FACULTY

### Co-ordinator

**R. Samyuktha. Ph.D.** (University of Madras)  
University Librarian, Pondicherry University.  
*Specialization:* E-Resources, Digital Libraries, Library automation and ICT applications in libraries

### READER

**R. Sevukan. Ph.D.** (Annamalai University)  
*Specialization:* Library Automation, Digitization, Networking, Scientometrics, Research Methodology.

### Lecturers

**Rekha Rani Varghese. Ph.D.** (University of Calicut)  
*Specialization:* Information Technology, Information Storage & Retrieval, User Studies.

**Anas K. Ph.D.** (University of Delhi)  
*Specialization :* E-Learning, Internet Search Engines, Information Sources, Systems & Services.

**Mangkhollen Singson. M.L.I.S.**  
(North Eastern Hil University)  
*Specialization:* Marketing of Information Products & Services.

**M. Leeladharan, M.Sc. (LIS) M.Phil.** (Annamalai University)  
*Specialization:* ICT Applications in Libraries, Information Processing, Information Storage and Retrieval.





# SCHOOL OF ENGINEERING & TECHNOLOGY

Dean: to be appointed

The University has constituted the School of Engineering this year encompassing the following departments and centres.

Department of Computer Science

Department of Electronics Engineering

Centre for Pollution Control and Environmental Engineering

Emerging trends in the field of Science and Technology calls for an environmentally sound system of growth and development in the entire planet. This school also maintains the academic units of both the University

and its affiliated engineering colleges where in dozens of UG, PG and Ph.D. programmes are being offered with excellent infrastructure and facilities. There are more new centres to be added to this school of Engineering

in the years to come and National facilities for R&D will be made available for wider participation and collaboration. Industries are always welcome to associate with these units for linkages and placements.



# DEPARTMENT OF COMPUTER SCIENCE

School of Engineering

The Department aims at imparting quality education in Computer Science & Engineering and Information Technology through various post-graduate programmes. It also offers an atmosphere conducive for research scholars for pursuing research in various advanced areas of Computer Science, Engineering and Information Technology.

## PROGRAMMES OF STUDY

**M.Sc.** Computer Science  
**M.C.A.** – University Main Campus & Karaikal PG Centre  
**M.Tech.** Computer Science & Engineering  
**M.Tech.** Network & Internet Engineering  
**Ph.D.** Computer Science & Engineering  
 (Full-time, Part-time (Internal & External))

## ENTRANCE EXAMINATION

**M.Sc. Computer Science:** The entrance examination is of objective type. The question paper will consist of 20 questions in general arithmetic and 80 from Data Structures and Algorithms, Digital Logic and Computer Organization, Operating Systems, System Software, Microprocessors, SAD, DBMS, Automata, Programming Languages (C & C+) and Recent Trends in Computer Science.

**M.C.A.:** Admission to M.C.A. is based on entrance examination. The entrance examination is of objective type. The question paper will consist of 100 questions covering the following topics:

- Comprehension and verbal ability
- Analytical ability
- Logical reasoning
- Mathematical aptitude (+2) and
- General awareness in Computer Science



**M.Tech. Computer Science & Engineering and M.Tech. Network & Internet Engineering:** Admission to M.Tech. is based on entrance examination. The written examination consists of 100 objective type questions. Questions will be from the following subjects: Data Structures and Algorithms, Computer Architecture, Operating Systems, System Software, Microprocessors, DBMS, Networks, Compilers, Automata, AI, Graphics, Software Engineering, Programming Languages (C, C++ and Java) and Recent Trends in Computer Science.

**Ph.D.:** Admission to Ph.D. is based on the performance in entrance examination, presentation of the research topics followed by an interview. The pattern of entrance examination consists of objective and descriptive questions all the major areas of Computer science.

## Infrastructure facilities

The Department has four well-equipped computer laboratories namely, Central lab, Multimedia Lab, Grid Computing Lab and Project Lab, housing about 120 state-of-art computer systems with latest configurations, all connected to various servers running Operating Systems like Windows NT, Linux Operating System, Sun Solaris and Mac OS, Grid Computing and Cluster Computing have also been facilitated in the servers. Intranet facility and Internet facility (8 Mbps link) are also available. An enhanced multimedia lab of the department is equipped with state of the art Apple machines.

## Research Activities

The Department hosts research activities in the following disciplines: Extreme Programming, Object Oriented Systems, Software Architecture, Multilingual-Based Systems, Software Agents, Evolutionary Computing, Bioinformatics, Language Engineering, Software Testing, Software Metrics, Real Time Operating Systems, Neural Networks and Distributed databases.

## Student Activities

The Computer Science students' association, PIXEL, provides opportunities to sharpen the skills of students by

organizing lectures and students meet. The alumni of the department deliver lectures on latest topics periodically for updating the skill sets of the students.

## Placement

The Placement activities of the Department are taken care of by a Placement Cell which comprises of student members and a faculty advisor. The Placement Cell organizes Campus recruitment programmes every year and takes pride in facilitating placement for the eligible students in MNCs like IBM, HCL, Wipro, Infosys, TCS, Verizon, HP, ITC, CTS, Honeywell, Patni Computers, iGate, iFlex, etc.

## FACULTY

### Professors

**\*S. Kuppuswami, Dr. Ing.**

(University of Rennes, France) (on Leave)

*Specialization:* Software Engineering, Software Architecture, Object Oriented Systems, Multilingual Based Systems, Network Management Systems

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

*Specialization:* Parallel and Distributed Algorithm, Evolutionary Algorithms, Robotics.

**\*G. Aghila, Ph.D.** (Anna University, Chennai)

*Specialization:* Knowledge Representation and Reasoning, Ontology Engineering, ChemInformatics.

### Reader

**\*P. Dhavachelvan, Ph.D.** (Anna University, Chennai)

*Specialization:* Software Engineering, Web Service Computing

### Lecturers (Senior Scale)

**R. P. Seenivasan, M.C.A.** (Madras University, Chennai)

*Specialization:* Operating Systems

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

*Specialization:* Evolutionary Algorithms, DBMS, OODBMS, Bio-Informatics

**K.Vijayanand, M.C.A.**

(Bharathidasan University, Trichirapalli)

*Specialization:* Natural Language Processing

**S.K.V.Jayakumar, M.E.** (University of Madras, Chennai)

*Specialization:* Distributed Database

### Lecturers

**T. Sivakumar, M.Tech.** (Pondichery University, Puducherry)

*Specialization:* Database Management Systems

**R. Sunitha, M.Tech.** (Pondichery University, Puducherry)

*Specialization:* Software Architecture

**Pothula Sujatha, M.Tech.**

(Pondichery University, Puducherry)

*Specialization:* Data Mining

**K. Suresh Joseph, M.E.** (University of Madras, Chennai)

*Specialization:* Operating Systems

**M. Sathya, M.Tech.** (Pondichery University, Puducherry)

*Specialization:* Software Engineering

**K.S. Kuppusamy, M.Sc.**

(Madurai Kamaraj University, Madurai)

*Specialization:* Internet Technologies

**V. Uma, M.Tech.** (Pondichery University, Puducherry)

*Specialization:* Data Mining

**P. Shanthi Bala, M.Tech.**

(Pondichery University, Puducherry)

*Specialization:* Distributed Computing Systems

**M.Nandhini, M.Phil.** (Alagappa University, Karaikudi)

*Specialization:* Software Engineering

*\*Recognized supervisors for guiding Ph.D. candidates*

## PG CENTRE KARAIKAL

The Department of Computer Science, Karaikal Centre established in the year 2007-08 and offering a PG course on MASTER OF COMPUTER APPLICATIONS (MCA) with the total student intake of 33 per batch. At present the department is having four permanent faculties. The Department aims at imparting quality education in Computer Science. The department provides a captivating atmosphere for the students.

### Infrastructure Facilities:

The Department has a well-equipped computer laboratory with 50 computers, Local Area Network and Broadband internet connectivity to cater the needs of MCA students.

### Placement Facility

The Department provides placement assistance to the students in leading IT & ITES concerns in collaboration with placement cell, Pondicherry University.

## FACULTY

**G. Sureshkumar M.E.**, (Anna University)

*Specialization:* Computer Science & Engineering

**K. Vaitheki M.Tech.**, (Pondicherry University)

*Specialization:* Computer Science & Engineering, Information Security

**G. Kumaravelan M.Tech.**, (Bharathidasan University)

*Specialization:* Computer Science & Engineering, Information Technology

**R. Lakshmi M.Tech.**, (Pondicherry University)

*Specialization:* Computer Science & Engineering

# CENTRE FOR POLLUTION CONTROL & ENVIRONMENTAL ENGINEERING

School of Engineering

Established in 1991, this centre has developed a vigorous culture of applied environmental research, teaching, and industrial consultancy. Several dynamic PhDs and MTechs, trained in frontier research areas, in India and abroad, contribute to the pool of manpower expertise of the centre; the laboratories/units manned by them provide the momentum for cutting-edge R&D that strives to carve fresh niches and open new vistas. The effort has been peer-recognized in the form of major international and national prizes, election to the fellowship of premier academies/professional bodies, and nomination on the editorial boards of prestigious technical journals. The most recent of the honours is the National Design Award in Environmental Engineering, conferred by the Institution of Engineers.

The centre has thus far published over 250 papers in high impact-factor international journals including Environmental Technology, Biochemical Engineering Journal, Bioresources Technology, Environmental Modeling & Software, Applied Energy, Journal of Clearer production, Journal of Loss Prevention in Process industries, Journal of Hazardous Materials, Trans IChemE (UK), Trans, AIChE (USA), Journals of the institute of Public Health Engineers, Indian Chemical Engineers, Indian journal of Chemical Technology, Indian Journal of Biotechnology etc. The centre has also been providing expert advice to government departments, industry, and academia across the world.

The Hirsch Index of the centre's publications during the last 10 years is 18, which is among the highest in the departments dealing with environmental engineering in India.

The centre's efforts in innovative teaching and curriculum development have resulted in the creation of 33 popular textbooks and reference books, published by Oxford University Press, Prentice-Hall, Orient Longman etc.

## PROGRAMMES OF STUDY

**M.Tech.** Environmental Engineering & Management

**M.Phil.** Environmental Technology

**Ph.D.** Environmental Technology

These programmes are distinguished by their emphasis on all-round professional advancement of the students and exposure to the real-life problem environment. Apart from making the students proficient in the concepts, the techniques, and the tools of applied environmental studies, these programmes also aim to develop their communication and managerial skills. As the centre has, at any given time, several major R&D and industrial consultancy projects striving to solve contemporary environmental problems, the students also acquire a very good exposure to the real-life demands of the profession. As a result the students passing out from the centre have risen fast up the career ladder in academia as well as industry, both in India and abroad.





## Infrastructural facilities

The UGC has specially funded a stand-alone building for the centre. AICTE has instituted a Computer-Aided Environmental Management Unit besides providing special assistance for environmental biotechnology facilities. Numerous R&D projects worth Rs 2 Cores have also added substantial laboratory and field equipment to the centre's infrastructure. The facilities cover: geographical information systems (GIS), environmental monitoring and impact assessment, pollution control (especially with bioprocess engineering), risk assessment, computer-aided environmental management, and environmental biotechnology.

## R&D Projects

The centre has consistently attracted substantial R&D funds from major sponsoring agencies. Currently the centre is operating 5 major projects worth Rs 7 million. These are sponsored by DST, DBT, UGC, CSIR and MoWR.

## Placements

### Faculty Positions:

The Centre's Ph.D.s have been taken in faculty positions by highly ranked institutions such as BITS Pilani, IIT Roorkee, The Memorial University of New Foundland, Canada, M.G. University, Kottayam, etc. The Ph.D.s have also taken up leadership positions in IT and chemical industries.

### Industrial positions:

The Centre's M.Phil. holders have been preferred by industries including CRL, CPCL, Hindustan Leaver, Pollution Control Boards, etc.

## FACULTY

### Professor & Co-ordinator

**\*S. A. Abbasi, Ph.D.** (IIT Mumbai) D.Sc. (Cochin University of Science & Technology), FNASc, FIChE, FIE

*Specialization:* Environmental Engineering, EIA and Risk Assessment

### Lecturers

**Tasneem Abbasi, M.S.** (University of Surrey, UK)

*Specialization:* Water & Environmental Engineering, Process Safety, Process Modeling & Simulation

**\*S. Gajalakshmi, Ph.D.** (Pondicherry University)

*Specialization:* Bioprocess Technology, Environmental Biotechnology, Solid Waste Management

**S. Sudalai, MTech.** (Pondicherry University)

*Specialization:* Environmental Engineering



# MADANJEET SCHOOL OF GREEN ENERGY TECHNOLOGIES

Dean: (to be appointed shortly)

Centre for Green Energy Technology  
Centre for Nano Sciences and Technology

India ranks fifth in the world in terms of primary energy consumption, accounting for about 3.5% of the world commercial energy demand in the year 2003. Despite the overall increase in energy demand, per capita energy consumption in India is still very low compared to other developing countries. India is well-endowed with both exhaustible and renewable energy resources. Coal, oil, and natural gas are the three primary commercial energy sources. Coal was by far the largest source of energy. Despite increasing dependency on commercial fuels, a sizeable quantum of energy requirements (40% of total energy requirement), especially in the rural household sector, is met by non-commercial energy sources,

which include fuel wood, crop residue, and animal waste, including human and draught animal power. However, other forms of commercial energy of a much higher quality and efficiency are steadily replacing the traditional energy resources being consumed in the rural sector. Resource augmentation and growth in energy supply has not kept pace with increasing demand and, therefore, India continues to face serious energy shortages.

Besides Solar, Wind, Biomass, there are quite a few other eco-friendly and renewable sources from which one can tap energy for varied applications. Some of them are stated below.

- Chemical Sources Of Energy
- Hydrogen Energy
- Geothermal Energy
- Alternate Fuels for Surface Transportation

There is a need to carryout in-depth studies and research in Green Science and Technology at higher education level utilizing the expertise available in India and abroad. Developing Green Energy is the only alternative to meet the challenges of our Future. It is under this context, the Madanjeet School of Green Energy Technologies has been established with two composite units as Centre for Green Energy Studies and Research and Centre for Nano Sciences and technology.

## CENTRE FOR GREEN ENERGY TECHNOLOGY

Co-ordinator: Prof. H. Surya Prakash Rao, Dept. of Chemistry.

The Centre for Green Energy Studies and Research is aimed at imparting advanced education in green chemistry, green energy harvesting and green technology and carry out research on green science and technology; to conduct studies in energy conservation and environmental protection by adopting villages and carryout pilot projects and sites; to bring out publications on energy science and technology and conduct international core group discussions on emerging tools and products and to evolve policy guidelines for the government for its considerations.

### PROGRAMMES OF STUDY

**M.Tech.** Green Energy Technology

### ENTRANCE EXAMINATION

Admission to this course is done based on the marks secured in the entrance examination conducted by the University all over India among the eligible candidates. 100 Objective type questions with multiple choice answers will be given during the examination. Answers are to be marked on the OMR sheets distributed during the examinations.

## Infrastructure

This Centre will be initially using the laboratories existing in the departments and also with the Central Instrumentation Facility of the University. Additional laboratories are being created to meet the courseware requirements of the second year.

## Contents of the Programme

*M.Tech. in Green Energy Technology:*

The major subject areas covered in this course include

study of energy sources & forms, environmentally preferred purchasing, Green nanotechnology, fundamentals of Green Chemistry and Technology, Catalytic Science and Engineering, Green Industrial Processes, Industrial catalysts, Green product Design, Environmental Engineering & Pollution prevention, Chiral Engineering, Energy Technology, Green Energy Sources and Conservation, Biofuels, Radiation Physics, Green Buildings, Green Technology Education and Green Technology Applications.

# CENTRE FOR NANO SCIENCES & TECHNOLOGY

Co-ordinator: Prof. N. Satyanarayana, Dept. of Physics.

The Centre for Nano-Sciences and Technology will work in synergy with the Centre for Green Energy technology. This centre has approved faculty in the XI th plan and will function as an Independent centre.

In addition, the faculty from the following departments would be involved in the teaching programmes of these courses: Chemistry, Physics, Biochemistry, Molecular Biology, Biotechnology, Centre For Pollution Control And Technology, Bioinformatics and Food Technology.

## PROGRAMMES OF STUDY

**M.Tech.** Nano Sciences and Technology

## ENTRANCE EXAMINATION

Admission to this course is done based on the marks secured in the entrance examination conducted by the University all over India among the eligible candidates. 100 Objective type questions with multiple choice answers will be given during the examination. Answers are to be marked on the OMR sheets distributed during the examinations.

## Infrastructure

This Centre will be initially using the laboratories existing in the departments and also with the Central Instrumentation Facility of the University. Additional laboratories are being created to meet the courseware requirements of the second year.

## Contents of the Programme

The major subject areas covered in this course includes the macroscopic and microscopic world, Self assembly and Molecular manufacturing, Impact of Nanotechnology on the society, Intellectual Property Rights for Technology Development and Management, Physics- Solid State Physics for Nanotechnology, Chemistry- Fundamentals of Chemistry, Catalysis (including photocatalysis), Biotechnology-Enzyme and DNA Technology, Materials Sciences, NanoThermodynamics, Nanomaterials and Nanotechnology, Colloids and nanoparticles, Microsystem Technology, Microelectronics Fabrication Technology, Micro-electromechanical and Nano-electromechanical Systems, Instrumentation-Characterization tools in Nanotechnology, Environment- Membrane Technology in Water and Wastewater Treatment. The course structure includes a lot of research seminars in Nanotechnology, by scholars of repute.

## OVERSEAS COLLABORATION

A Memorandum of Understanding (MOU) is on the anvil to strengthen the existing collaborations that utilize the complementary expertise and capabilities of the founding members (Prof. Renugopalakrishnan Children's Hospital Harvard Medical School and Northeastern University Boston USA, Dr. Sowmya Viswanathan Newton Wellesley Hospital Boston Massachusetts USA, Prof. Joydeep Dutta, Asian Institute of Technology, Bangkok Thailand, Prof. P. Somasundaran Coloumbia University USA, Prof. Sanjev Mukerjee Northeastern University Boston USA, Dr. C. N. Chinnasamy Electron Energy Corporation Landisville PA USA) and the Pondicherry University in the research, development, validation, and translation of new and innovative methods that characterize key steps in green energy materials especially Bio solar energy, Bio fuels and CO2 sequestration toxicity pathways. A central component of this MOU is the exploration of new methods to develop the India's energy needs through judicious utilization of abundant the renewable energy resources, such as biomass energy, solar energy, wind energy and geothermal energy.



## ADD ON COURSES (Evening Programmes)

The University is offering 21 PG Diploma programmes providing them add on options in various relevant disciplines. For example, a student of 'Master in Social Work' can now possess an additional P.G. Diploma in Industrial Psychology which will add immense value to his employability. Similarly any student in Bio-sciences will now have an option to add a P.G. Diploma in Bio-Technology which is currently in great demand.

Five Certificate courses in foreign languages are also being offered to facilitate the global job options of our students. To enable the large number of students from other states studying in the campus, to possess a functional knowledge of Tamil, a specially designed certificate course in Tamil is also being offered.

All the add on courses are also made open to the local population of Puducherry enhancing their access to higher education.





## Course Coordinator for the PG Diploma Courses

PG. DIPLOMA COURSE	NAME OF THE COORDINATOR
Functional Hindi & Translation	Dr. Padmapriya
T.V. Production	Dr. V. Senapathi
Media & Communication	Dr. S. Arulselvan
Women's Studies	Dr. V.T. Usha
Library Automation & Networking	Dr. R. Sevukan
Industrial Psychology	Dr. V. Rangaiah
Planning and Evaluation	Dr. P. Muthiyar
Biotechnology	Dr. N. Arumugam
Health Fitness and Life Style Management	Dr. N. Govindarajulu
Investment Management	Dr. P. Natarajan
Rural Development	Dr. B.B.Mohanty
Statistical & Research Methods	Dr. P. Dhanavanthan
Human Rights	Dr. B. Krishnamurthy
Industrial Relations & Labour Law	Dr. B. Mohanan
Teaching Skills	Dr. M. Balamurugan
Computer Applications	Shri K. Vijayanand
Simulation and Modelling	Dr. P. Dhavachelvan
Theatre Arts	Dr. K.R. Rajaravivarma
Event Management	Dr. G. Anjaneya Swamy
Professional Communication in English	Dr. Binu Zachariah
Advanced Analytical Techniques	Prof. S. Balakrishnan

## Course Coordinator for the Certificate Courses

COURSE	NAME OF THE COORDINATOR
Tamil	Dr. S. Arokianathan
French	
Japanese	
Russian	Dr. Nalini J. Thambi
Korean	
Chinese	

## Admission Requirements

Sl. No.	Name of the Course	Eligibility Criteria for admission
1.	Functional Hindi & Translation	UG/PG degree with a minimum of 45% of marks.
2.	T.V. Production	
3.	Media & Communication	
4.	Women's Studies	
5.	Library Automation & Networking	
6.	Industrial Psychology	
7.	Planning and Evaluation	
8.	Health Fitness and Life Style Management	
9.	Investment Management	
10.	Rural Development	
11.	Statistical & Research Methods	
12.	Human Rights	
13.	Industrial Relations & Labour Law	
14.	Teaching Skills	
15.	Theatre Arts	
16.	Event Management	
17.	Professional Communication in English	
18.	Computer Applications	Bachelor's degree with minimum of 45% marks with Computer Science/ Mathematics/ Statistics/ Business Mathematics as one of the subjects of study or an examination accepted as equivalent thereto.
19.	Simulation and Modeling	Any degree with 45% of marks with Mathematics as one of the subjects studied in the Higher Secondary or Degree or during the first three years of 5 years M.Sc. Integrated Courses.
20.	Biotechnology	Degree in any branch of Biological Sciences with a minimum of 45% of marks.

Note:

- ▶ For SC/ST candidates, mere pass in the qualifying examination will be sufficient.
- ▶ Candidates studying in the fourth year/ fifth year of Five Year Integrated Courses of the University are also eligible to study these courses.

Sl. No.	Name of the Course	Eligibility Criteria for admission
1.	Tamil	A pass in the Higher Secondary Examination or its equivalent.
2.	Japanese	
3	Russian	
4	Korean	
5	Chinese	
6	French	

### Minimum Duration of the Course:

Two Semesters (One Year) (for both Diploma & Certificate Courses)

### Maximum Duration to complete the Course:

Four Semesters (Two Years) (for both Diploma & Certificate Courses)

### Fees:

For Indian Students:

	Admission	Tuition fees	Library	Account Number
For university students & employees:	Rs.200	Rs.1,200 (p.s)	---	
For others:	Rs.500	Rs.2,500(p.s)	Rs.1000*	861201979

\* Optional for the others who desire to use the university library (for reference only).  
A separate Library Card shall be issued in such cases.

For Foreign Students:

150 US Dollars per semester.

### Examination Fees:

Rs.300/- per semester for Diploma courses and  
Rs.250/- per semester for Certificate Courses.

### Selection:

Admission will be based on the marks secured in the qualifying degree.

### Timings:

DIPLOMA :

2 hours a day for five days from 5.30 PM to 7.30 PM

CERTIFICATE :

2 hours a day for four days preferably from 5.30 PM to 7.30 PM  
Saturdays and Sundays may be utilized at the discretion of the concerned Department.

### Attendance:

A Minimum of 70% of attendance is required for writing the examination.

### Examination Pattern:

Examination will be conducted as per CBCS system except that the association of external examiner will not be a mandatory requirement. The evaluation will be on absolute mark Systems. The Passing minimum shall be decided by the respective Board of Studies; however, it will not be less than 40%.

### Programme Committee:

Each course shall have a coordinator as identified by the department / school conducting the course and there shall be an exclusive programme committee for monitoring the progress of the candidates studying the courses.

## UGC-ACADEMIC STAFF COLLEGE

The UGC has established Academic Staff Colleges in different universities all over the country and sixty six are exist today. The Academic Staff College of Pondicherry University is one among them and was established in 1987. They are conceived with a view to plan, organize, implement, monitor and evaluate Academic Staff Orientation Programmes for newly appointed colleges and university teachers, and refresher programmes for senior teachers. In addition to these programmes, workshop for college principals and special programmes are also organized.

### DIRECTOR

S. Hariharan, Ph.D.  
(Bharathidasan University, Tiruchirapalli)  
Specialization: Financial Management, Banking Technology and Human Resource Management.

### FACULTY

#### READER

P. Ramalingam, Ph.D. (Annamalai University)  
Specialization: Educational Psychology, Guidance and Counselling.

### Progress

The Academic Staff College has so far organized 274 programmes (99 orientation courses, 141 refresher courses, and 34 special programmes including workshop for college principals). 9078 Teacher participants have been benefited through these programmes.

### Special features

The UGC-Academic Staff College of Pondicherry University is regularly conducting courses such as

- Orientation Courses for newly appointed teachers of Colleges and Universities.
- Refresher Courses in various subjects (details are available in the University website: [www.pondiuni.edu.in](http://www.pondiuni.edu.in))

### Future programmes

The UGC-Academic Staff College regularly organising orientation and refresher courses. In addition to these courses following special programmes may be organised.

### Special programmes

- Workshop for College Principals/ Registrars / Group – A of the UGC Officials.
- Short Term Course for Senior Faculty like Professors, Associate Professors of Central and State Universities.
- Workshops for Research Guides (Social Sciences and Applied Sciences).
- Professional Development for Non – Academic Group B & C including UGC Staff as per XI – plan guidelines.
- Workshop for University Administrators like Deputy Registrars, Asst. Registrars and Controller of Examinations.
- Interaction Programme for Ph.D. Scholars (Science and Social Sciences).
- Leadership Programmes for PG students.
- Summer School.
- Winter School.
- Office Administration and IT for University Administrators, UGC Officials and College Superintendents – MEET.
- Organising National and International Seminar relating to Higher Education, Global Warming and Green Management.

### Research and extension activities

- The ASC regularly publishing refereed bi-annual Journal of Professional Development for Academics approved by RNI.
- The ASC regularly publishing quarterly newsletters.
- The ASC continuously conducting evaluation studies and projects.
- ASC regularly concentrating publication of books and conducting research activities leading to Ph.D. in the area of social sciences.





# PONDICHERRY UNIVERSITY COMMUNITY COLLEGE

Pondicherry University Community College – first of its kind in the Indian University system – endeavours to create professionally skilled manpower at supervisory levels and to supply quality personnel to organizations, industries and Government to cope up with the market demands of quality products and services. Dr. A.S. Desai, Chairperson of University Grants Commission formally inaugurated the College on 16th October 1995, the day of Decennial Celebrations of Pondicherry University.

The Pondicherry University Community College acts under the general, academic and administrative supervision of Pondicherry University.

The PUCC attempts to create a model of employment-oriented education with the collaboration and cooperation of members of various commercial, agricultural, government and academic institutions and organisations. The model is similar to the one seen in USA and Canada.

## Vision:

To reach out the unreached youth population and empower them with need oriented and value based education and training to become partners of National development process.

## Mission:

‘Capacity building’ in youth with special reference to the underprivileged sections of the community including women, for ‘social transformation’ through a comprehensive educational model which fosters intellectual enlightenment, vocational and life skill development, social commitment, emotional balance and moral upright, so as to ensure a better quality of life.

## Principal

**Prof. Dr. K. S. KUMARI, Ph.D.**

## Objectives of Community College:

The motto of Pondicherry University Community College is “Education for Employment” through skill formation. This goal is sought to be achieved by four fold functions, viz., teaching, research and extension. The educational activities are designed in response to the needs of the local community. In short, Community College is ‘for’ the Community and ‘of’ the Community.

## PROGRAMMES 2010-11

### I Undergraduate Programmes (3 years) and Associate Degree (2 years)

1. Business Management (BBM)
2. Computer Applications (BCA)
3. Biochemistry (B.Sc.(BC))
4. Visual Communication (B.Sc.)

### II PG Diploma Programmes (1 year)

1. Computer Applications (PGDCA)

### III Diploma Programmes (1 year)

1. Accounting and Taxation (DAT)
2. Medical Record Administration (DMRA)
3. Medical Lab Technology (DMLT)
4. Insurance Management (DIM)
5. Hardware Management (DHM)
6. Graphics and Animation (DGA)
7. Video Production (DVP)
8. Sales Management (DSM)
9. Computer Graphics & Web Technology (DCGWT)
10. Multi-purpose Health Workers (DMPHW) (1½ Years)
11. Sanitary Inspector (DSI)
12. Information Technology (DIT)
13. Applied Music (DAM)

### IV Certificate Programmes (6 months)

1. Tally (CT)
2. Event Management (CEM)
3. Tourism Guidance (CTG)
4. Data Entry and Processing (CDEP)
5. Computer Graphics (CCG)
6. Spoken English (CSE)
7. Radio Jockey and Reporting (CRJR)
8. Reporting and News Casting (CRNC)

# DIRECTORATE OF DISTANCE EDUCATION

## Directorate of Distance Education

The University has a Directorate of Distance Education. The Directorate offers 10 P.G. programmes including M.B.A. in 5 branches. The admission process commences in the month of May/June. About 1, 65,000 learners from all over India had their degrees in various courses from Directorate of Distance Education. The Directorate of Distance Education has 37 Twinning Programme Institutions spread all over India including one institution at United Arab Emirates. The Twinning Programme Institutions offers 11 Post Graduate Programmes including Master of Computer Applications.

### The DDE is extending following concessions:

- 1) 50% fee concession to the Non-Teaching employees of Pondicherry University and their wards, in all the courses offered by the Directorate of Distance Education Pondicherry University, Pondicherry.
- 2) 50% fee concession to the serving Defence Personnel of the Indian Armed Forces who pursue various courses offered in the Directorate of Distance Education, Pondicherry University, Pondicherry.
- 3) 50% fee concession to the Physically Challenged, Widows/Deserted women, Trans-genders, Prisoners who pursue various courses offered in the Directorate of Distance Education, Pondicherry University, Pondicherry.

## Library

Directorate of Distance Education has established an exclusive library in the DDE building for the benefit of DDE students. The library houses all the study materials of DDE for ready reference, assortment of journals related to the courses offered in DDE, project reports of MBA, Assignments of PG Students, question banks and other dailies & magazines. Library caters to the referring needs of the students who visit the DDE Office.

## Director

**Prof. S. Bhaskaran, Ph.D.**

(Tamilnadu Agricultural University, Coimbatore.)

*Specialization:* Agricultural Sciences, Extension Education, HRM and Psychology.

More details of the programmes offered through Distance Education are available in the separate brochure published by the Directorate of Distance Education and also in the University website [www.pondiuni.edu.in](http://www.pondiuni.edu.in)



## PROGRAMMES OF STUDY

### MBA PROGRAMMES

- MBA Marketing
- MBA Finance
- MBA International Business
- MBA HRM
- MBA General

### PG PROGRAMMES

- M.Com. Finance
- M.A. Sociology
- M.A. Tamil
- M.A. English
- M.A. Hindi

## PLACEMENT CELL

- ▶ One of the main responsibilities of the Placement Cell is to motivate, train and prepare the students of the University and its affiliated Colleges for campus interviews.
- ▶ It plays a very important and key role in counselling and guiding the students of the University and its affiliated Colleges for their successful career placement which is crucial interface for the students between the stages of completion of academic programme of studies and entry into suitable employment.



### Major activities of the Placement Cell:

- ❖ Organising On and Off Campus Interviews
- ❖ Organising training programmes like Personality Development Programmes, Mock Aptitude Tests, Group Discussion training, Mock Interviews etc.,
- ❖ Enabling Industry Institute Interaction
- ❖ Co-ordinating Industrial Visits
- ❖ Co-ordinating Project Placement for the Students
- ❖ Supporting Technical Seminars / Conferences / Workshops organized by various Departments
- ❖ Organising Student workshops with major corporate
- ❖ Organising faculty development programmes collaborating with companies
- ❖ Facilitating Industry Institute Interactions through inviting experts for lectures, members of project and laboratory evaluation panels, members of selection committees etc.,
- ❖ Inviting Industries for possible collaborations with Pondicherry University

### Placements 2008-2009

Number of Companies Visited	: 26
Number of students placed	: 335

### Companies visited PU during 2008-2009

TCS, CTS, Infosys, Wipro, Satyam, HCL, HP, HCL, GE Health care, Caritor, L&T Infotech, IDBI, HSBC, Standard Chartered, Kotak Securities, Honeywell, Hindustan Zinc, Reliance, ICICI Bank, LVB, Accenture, Syntel, Polaris, Cox & Kings, Hi Tours, Berger Paints, Patni Computers, High Design, Royal Bank of Scotland, Bank of America etc.,

### Placement Committee

#### Dr. S. Balakrishnan

Chairman, Placement Committee

#### Dr. R. Paneerselvam

Member, Placement Committee

#### Dr. H. P. Patil

Member, Placement Committee

#### Mr. S. K. V. Jayakumar

Placement Co-ordinator

## Affiliated Institutions - Ph.D. Supervisors (Full Time & Part Time (Internal) only)

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

Subject Offered	Name of the Recognised supervisors	Specialisation	Eligibility
Zoology	Dr. P. Jambulingam	Zoology	Candidates with CSIR / ICMR, etc. fellowships, candidates employed in research projects and permanent employees involved in research at VCRC alone are eligible.
	Dr. S. Sabesan	"	
	Dr. K. Krishnamoorthy	"	
	Dr. K. D. Ramaiah	"	
	Dr. K. Gunasekaran	"	
	Dr. S. Poopathi	"	
	Dr. N. Pradeep Kumar	"	
	Dr. K. P. Paily	"	
Dr. A. R. Rajavel	"		
Dr. V. Vasuki	"		
Microbiology	Dr. S.L. Hoti	Microbiology	
	Dr. A.M. Manonmani	"	
Chemistry	Dr. M. Kalyanasundaram	Chemistry	
	Dr. Nisha Mathew	"	

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

Subject Offered	Name of the Recognised supervisors	Specialisation	Question paper pattern	Syllabus
Microbiology & Entomology	Dr. P.Vijaychari Dr. D. Biswas Dr. A. N. Shriram	Microbiology Microbiology Entomology	Objective	Medical Microbiology, Molecular Biology, Mol.Medical Microbiology, Bioinformatics, Medical Entomology.

### Kanchi Mamunivar Centre for P.G. Studies (KMCPGS), Puducherry

Subject Offered	Name of the Recognised supervisors	Specialisation	Question paper pattern	Syllabus
Tamil	Dr. S. Gauthaman Dr. K. Panjangam Dr. K. Parimalam Dr. Chinta Nila Devi Dr. S. Thillaivanam Dr. N. Elango Dr. S. Sathiaseelan Dr. A. Vijayarani	Sangam and Ethical Literature Modern Literature and Literary criticism Feminism & Sangam Literature Religious Literature and Epic History and Grammar Folklore & Sangam Literature Folklore and Linguistics Sangam Literature & History of Tamil Literature	As per the University pattern	P.G. standard



Subject Offered	Name of the Recognised supervisors	Specialisation	Question paper pattern	Syllabus
Botany	Dr. A. Pragasam Dr. G. Kumaravelu Dr. M.P. Ramanujam  Dr. D.Kadamban Dr. S. Nadanakunjitham  Dr. Bijayakumar Nayak	Environmental Biology, Plant Physiology, Anatomy Stress Physiology, Systematic Botany, Env.Biology Environmental stress, Plant Biotechnology, Biodiversity, Biodiversity, Allelopathy and Pharmacognosy Pharmacognosy, Ethno Botany, Anatomy and Biodiversity Applied Microbiology, Aero Biology, Microbial Biotechnology and Ecology	Objective type	P.G. standard
Zoology	Dr. V. Anandan Dr. A. Gunasingh Dr. B. Kumaran Dr. G. Krishnamoorthy Dr. V. Ramalingam	Marine Biotechnology Fisheries Science Fishery & Environmental Science Endocrinology Toxicology Endocrinology Environmental Toxicology/ Reproductive Biology	As per University pattern	
Physics	-	-		
Chemistry	Dr. V. Arjunan Dr. Ashok Kumar Jana	Molecular Spectroscopy and Chemical Informatics Photo Chemistry & Kinetics		
Commerce	Dr. D. Aravazhi Irisappane Dr. R. Azhagaiah	Fund Management, Equity Research and HRM Finance, Banking and Insurance		

### Pondicherry Engineering College (PEC), Puducherry

Civil	Dr. T. Sundararajan	Hydraulics Water Resources Engineering, Non-Conventional Materials, Construction Management, Ground Water Management	Two hour objective type questions	All subjects of B.Tech., Civil Engg. & M.Tech. Ad- vanced construc- tion Tech. & Envi- ronmental Engg.
	Dr. S. Kothandaraman	Structural Engineering, Construction Materials, Non-Conventional Materials		
	Dr. S. Sivamurthy Reddy	Geology/Hydrogeology/ Geochemistry		
	Dr. R. Saravanane	Water supply and waste water Engg., Industrial waste management, Water quality modelling, Environmental Modeling and Risk Assessment.		
	Dr. V. L. Narasimha	Transportation Engineering		
	Dr. Govindaradjane	Water Supply and Waste Water Engg., Industrial Waste Management Energy and Environmental Management		
	A. Jagannathan	Cost-effective construction materials and Technology construction management, Fiber reinforced concrete/ matrix, Thin reinforced construction products/ matrix		

Subject Offered	Name of the Recognised supervisors	Specialisation	Question paper pattern	Syllabus
Mechanical Engineering	Dr. T. Senthilvelan	Production/Manufacturing Engg.		Covering different fields of Mech. Engg.
	Dr. A. Selvaraju	Mech. Engg. & Thermal Srimas		
	Dr. K. Mahadevan	Materials and Manufacturing		
	Dr.N. Alagumurthi	Modeling & Simulation studies in Mech.Engg.		
	Dr. P. Mathiazagan	Heat transfer & corrosion		
	Dr. S. Mohamed Ali	Tribology, Design Metallurgy		
	Dr. K. Palaniradja	Modelling & Simulation in Manufacturing & Thermal systems		
	Dr. R. Elabsezhan	Surface engineering synthesis and characterization of nano materials and coatings, Micro machining		
Electronics and Communication Engineering	Dr. P. Dananjayan	Wireless Communication	Two hours of objective type questions	Covering different fields of Electronics and communications Engg.
	Dr. R.Nakeeran	Optical Communication & Networks		
	Dr. E. Srinivasan	Digital Signal Processing		
	Dr. G.F. Sudha	Image Processing		
Computer Science and Engineering	Dr. P. Thambidurai	Image Video Processing, Data compression, Multimedia Networks, Multimedia, Databases, Object Oriented Distributed Computing, High Speed Networks	As per the University pattern	P.G. Standard
	Dr. K. Vivekanandan	Object oriented system, Software Engg. Information Security		
	Dr. N.Sreenath	High Speed Networks, Optical Networks, Information Security, Real Time systems, Distributed Systems.		
	Dr. S. Kanmani	Software Engineering		
Electrical & Electronics Engg.	Dr. K. Manivannan	Digital Signal Proceing, Intelligent Techniques, Power Electronics, Power Systems, Optimization, Computer Algorithms	Two hours of objective type questions	
	Dr. S. Himavathi	Intelligent techniques for Modeling, control, estimation, tracking, fault diagnosis and condition monitoring Microprocessor/ microcontroller/FPGA based system design		
	Dr. A. Muthuramalingam	Power Electronics, Drives and control AI techniques, modeling , estimation, fault diagnosis and condition monitoring for Electrical and Electronic Systems		
	Dr. R. Gnanadass	Power system optimization		
	Dr. Christopher Asir Rajan	Power system optimization, operation, control, planning, Power electronic appliction to power systems AI techniques to Power systems		

Subject Offered	Name of the Recognised supervisors	Specialisation	Question paper pattern	Syllabus
Electrical & Electronics Engg.	Dr. K. Rajambal	Power Electronics, Electrical Drives, Power Vehicles, Wind Energy Systems	Two hours of objective type questions	P.G.Standard
	Dr. Sudhakaran	Power system operation and control		
	Dr. G. Ravi	Applications of AI techniques to power system optimization and electrical machines		
	Dr. Ananda Natarajan	Process control and instrumentation, Adaptive and nonlinear control		
Mathematics	Dr. V. Sitaramaiah	Theory of Numbers	As per the University pattern	P.G. Standard
	Dr. P. A. Padmanabham	Special Functions		
	Dr. R. Sekar	Fluid Mechanics		
	Dr. J. Jayakumar	Numerical Analysis		
	Dr. G. Ayyappan	Probability, Stochastic Process and Queuing Theory		
	Dr. S. Mangayarcassay	Commutative Algebras and Homological Theory		
	Dr.T.V.S.Sekar	Computational Fluid Dynamics		
	Dr. B. Palanivel	Solid State Physics, Electronic structure, High Pressure Physics, Structural Phase stability, Elastic & optical studies		
	Dr. S. Nagarajan	Luminescence, Photo luminescence, Thermo luminescence		
	Dr. R. Murugan	Solid State Lithium Batteries, Nano Materials		
Chemistry	Dr. S. Subramanian	Electro chemistry, solution chemistry	As per University pattern	P.G. Standard
	Dr. S. Balasubramanian	Radiation Catalysis		
	Dr. T. Kaliappan	Polymer Science		
	Dr. P. Sankar	Chemical Informatics		

Dr. Ambedkar Govt. Law college, Puducherry

Subject Offered	Name of the Recognised supervisors	Specialisation	Question paper pattern	Syllabus
Law	Dr. M. Ganagadevi	Law	30% questions on Research Methodology (descriptive); 70% law questions descriptive	As prescribed for P.G.
	Dr. L. Solomon Raja	Law		
	Dr. Ambika Kumari	Law		
	Dr. K. Chandrasegaran	Law		

## ACADEMIC CALENDAR FOR THE UNIVERSITY PROGRAMMES 2010-2011 (for P.G./ M.Phil. & P.G. Diploma Programmes of the University)

University reopens after summer vacation on Monday 28th June 2010

Semester	Description	Period of Session
ODD SEMESTER (28.06.2010 to 27.11.2010)	<b>COUNSELLING AND REGISTRATION*</b>	28.06.2010 to 02.07.2010
	Commencement of Regular Classes	05.07.2010
	Last date for payment of fees #	16.07.2010 (Friday)
	Last date for dropping courses	23.07.2010 (Friday)
	Submission of Registration Cards to the Academic Section	30.07.2010 (Friday)
	<b>COUNSELLING AND REGISTRATION**</b>	05.11.2010 to 06.11.2010
	End of classes	12.11.2010 (Friday)
	Commencement of Examinations	15.11.2010 (Monday)
	Completion of Examinations	27.11.2010 (Friday)
	Last date for declaration of provisional results	30.11.2010 (Tuesday)
	<b>WINTER VACATION</b>	01.12.2010 to 12.12.2010 10.01.2011 to 16.01.2011
EVEN SEMESTER (13.12.2010 to 05.05.2011)	Commencement of Regular Classes	13.12.2010 (Monday)
	Last date for payment of fees #	20.12.2010 (Monday)
	Last date for dropping courses	27.12.2010 (Monday)
	Submission of Registration Cards to the Academic Section	29.12.2010 (Wednesday)
	<b>COUNSELLING AND REGISTRATION***</b>	01.04.2011 to 02.04.2011
	End of classes	23.04.2011 (Friday)
	Commencement of Examinations	26.04.2011 (Monday)
	Completion of Examinations	05.05.2011 (Thursday)
Last date for declaration of provisional results	06.05.2011 (Friday)	

\* Only first semester students

\*\* For second and subsequent even semester students

\*\*\* For third and subsequent odd semester students

# If not paid by the last date, fine to be paid @ Rs.5/- per day for the first 10 days, Rs.10/- per day thereafter up to the last day of the month in which the fees due. After that the readmission fees of Rs.1000/- plus UDF Rs.500/- are to be paid along with the fee arrears with fine after obtaining Vice-Chancellor's approval.

### SUMMER VACATION

**07.05.2011 (Saturday) to 26.06.2011 (Sunday)**

**UNIVERSITY REOPENS ON 27.06.2011 (Monday)**



### Important Note:

- (i) University reserves the right to make changes in the information provided herein. This cannot be quoted for any sanction.
- (ii) Notwithstanding the information given in the brochure, the University has the ultimate right to decide on any issue as per its rules and regulations.
- (iii) For up-to-date information including changes in the programmes listed in this Prospectus, the University website **[www.pondiuni.edu.in](http://www.pondiuni.edu.in)** may be checked from time to time.

**Puducherry**

**S. Loganathan  
Registrar**