



PONDICHERY UNIVERSITY

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

ACCREDITED WITH "A" GRADE BY NAAC

PROSPECTUS
2013-14





From the Vice-Chancellor's Desk

Pondicherry University, established under an Act of Parliament in the year 1985, has grown from strength to strength in all possible ways all these years and become a place on the educational hub of the country. 15 Schools, 37 Departments and 10 Centres offering 175 PG & Research programmes are within its fold, housed in the 800-acre sprawling Wi-Fi-enabled vibrant campus, which is just 12 kms. away from the Puducherry town. It has all the state-of-the-art facilities in all the Schools and Departments paving the way for the students to have a student-friendly, result-oriented academic environment with green ambience.

The thrust areas of the University will be Research and Innovations both in Sciences and Social Sciences. It has already got visibility with respect to Science and Social Sciences with MHRD and UGC because of SAP, FIST, DST, DBT, DIT, etc. Students are selected through an All-India Common Entrance

Examination. They will be a part of the excellent ambience. They will live among the nature, in the nature and also study the nature and contemporary studies developed through technology will make them more competitive and have an edge over the students from other Universities.

Although the nomenclature of the courses may appear similar, it will be a challenge meant for any aspirants to exploit the available opportunities through the state-of-the-art Infrastructure, young motivated and experienced faculty and, above all, a student-friendly atmosphere in a truly National character. We have students from almost all the States of the country i.e. unity in diversity. Our gates are open to all those young wards who wish to contribute to the society in spheres of their choice.

The University has three campuses. The Main Campus is located at Puducherry and the other two smaller campuses at

Karaikal and Port Blair. The University Library has remote access to over 35,000 E-resources including 24,000 Journals. The campus has 20 hostels (13 for Boys, 6 for Girls and 1 for Foreign Students), state-of-the-art laboratories, free transport on and off the campus, excellent sports facilities, etc. The evening programmes offered are open to regular students and they can choose from over 28 Diploma/Certificate courses, which will add value to the main PG Degrees. It offers rent-free accommodation to all girl students and provides totally-free education to all the differently-abled students. The campus has 100% power back-up to all the Departments and Hostels of the University. A 24-hour-hospital with fully-equipped Ambulance is yet another facility on the campus.

I wish all the aspirants every success in their endeavours.

Prof. CHANDRA KRISHNAMURTHY
Vice-Chancellor

VISITOR

Shri. PRANAB MUKHERJEE
His Excellency, the President of India

CHANCELLOR

CHIEF RECTOR

Dr. IQBAL SINGH
His Excellency, the Lt. Governor of Puducherry

VICE-CHANCELLOR

Prof. (Mrs.) CHANDRA KRISHNAMURTHY



Director of Studies, Educational Innovation and Rural Reconstruction
Prof. M. RAMADASS

Registrar i/c
Dr. J. SAMPATH

Finance Officer
Shri K. VIJAYAKUMARAN IA&AS

Controller of Examinations
Dr. J. SAMPATH

Librarian
Dr. R. SAMYUKTHA



Director (Research): Prof. S. BALAKRISHNAN

DEANS OF SCHOOLS

Subramania Bharathi School of Tamil Language & Literature: Dr. R. NALANGILLI

School of Performing Arts: Prof. K.A. GUNASEKARAN

School of Social Sciences & International Studies: Prof. N.K. JHA

Madanjeet School of Green Energy Technologies: Prof. H. SURYA PRAKASH RAO

School of Life Sciences: Prof.(Mrs.) ANISA BASHEER KHAN

School of Education: Prof. (Mrs.) M. S. LALITHAMMA

School of Media & Communication: Prof. PRADEEP KRISHNATRAY

School of Humanities: Prof. S. PANNIRSELVAME

School of Physical, Chemical & Applied Sciences: Prof. N. SATYANARAYANA

Ramanujan School of Mathematical Sciences: Prof. V. INDUMATHI

School of Engg. & Technology: Dr. R. SUBRAMANIAN

School of Medical Sciences (i/c) : Dr. S. MAHADEVAN

School of Management: Prof. R. PRABHAKARA RAYA

SCHOOLS, DEPARTMENTS/ CENTRES & RESPECTIVE HEADS

Subramania Bharathi School of Tamil Language & Literature	Dr. R. Nalangilli	Escande Chair in Asian Christian Studies	Dr. P. A. Sampath Kumar
School of Management		School of Social Sciences and International Studies	
Department of Management Studies	Dr. T. Nambirajan	Department of Anthropology	Dr. A. Chellaperumal
Department of Management (Karaikal Campus)	Dr. Lalitha Ramakrishnan	Department of Sociology	Dr. B. B. Mohanty
Department of Commerce	Dr. P. Natarajan	Department of History	Dr. G. Chandhrika
Department of Commerce (Karaikal Campus)	Dr. S. Amilan	Department of Politics & International Studies	Dr. P. Moorthy
Department of Economics	Dr. M. Ramachandran	Department of Social Work	Dr. R. Nalini
Department of Tourism Studies	Dr. Y. Venkata Rao	UNESCO-Madanjeet Singh Institute of South Asia Regional Cooperation (UMISARC) & Centre for South Asian Studies	Dr. B. Mohanan
Department of Banking Technology	Dr. K. Chandrasekhara Rao	Centre for Women's Studies	Dr. V. T. Usha
Department of International Business	Dr. P. Sridharan	Centre for Study of Social Exclusion and Inclusive Policy	Dr. T. Subramanyam Naidu
Ramanujan School of Mathematical Sciences		School of Engineering & Technology	
Department of Mathematics	Dr. K.M. Tamizhmani	Department of Computer Science	Dr. P. Dhavachelvan
Department of Statistics	Dr. P. Dhanavanthan	Department of Computer Science (Karaikal Campus)	Dr. S. Bhuvanewari
School of Physical, Chemical and Applied Sciences		Department of Electronics Engineering (Course co-ordinator)	Dr. V. Ravi Kanth Kumar
Department of Physics	Dr. G. Chandrasekaran	Centre for Pollution Control and Environmental Engineering	Dr. S. A. Abbasi
Department of Chemistry	Dr. K. Anbalagan	School of Education	Dr. M. S. Lalithamma
Department of Earth Sciences	Dr. S. Balakrishnan	Centre for Adult and Continuing Education	Dr. K. Devan
Department of Applied Psychology	Dr. Sibnath Deb	School of Medical Sciences	
Department of Disaster Management	Dr. N. Ramanujam	M.Sc. Programmes in Basic Clinical Sciences (Univ. co-ordinator)	Dr. K. Srikumar
School of Life Sciences		School of Performing Arts	
Department of Biochemistry & Molecular Biology	Dr. K. Srikumar	Department of Performing Arts	Dr. K.A. Gunasekaran
Department of Biotechnology	Dr. N. Sakthivel	School of Media & Communication	
Department of Food Science and Technology (Head i/c)	Dr. H. Prathap Kumar Shetty	Department of Electronic Media and Mass Communication	Dr. Pradeep Krishnatray
Department of Ecology & Environmental Sciences	Dr. K. V. Devi Prasad	Department of Library and Information Sciences	Dr. C.K. Ramaiah
Department of Ocean Studies & Marine Biology	Dr. P. M. Mohan	Madanjeet School of Green Energy Technologies	
Centre for Bioinformatics	Dr. Basant Kumar Tiwary	Centre for Green Energy Technology	Dr. P. Elumalai
School of Humanities		Centre for Nano Sciences & Technology	Prof. N. Satyanarayana
Department of English	Dr. Sujatha Vijayaraghavan		
Department of French	Dr. S. Pannirselvame		
Department of Hindi (Head i/c)	Dr. S. Padma Priya		
Department of Sanskrit	Dr. C. S. Radhakrishnan		
Department of Philosophy	Dr. V.C. Thomas		
Department of Physical Education and Sports	Dr. D. Sakthignanavel		
Centre for Foreign Languages	Dr. Nalini J. Thampi		

College Development Council	Dr. D. Sambandhan, Dean (i/c)
Students' Welfare	Dr. K. M. Tamizhmani, Dean
Directorate of Distance Education	Dr. G. Anjaneya Swamy, Director
Academic Staff College	Dr. S. Hariharan, Director
Community College	Dr. K. S. Kumari, Principal
Central Instrumentation Facility	Dr. G. Govindaraj, Co-ordinator
Karaikal Campus	Dr. Lalitha Ramakrishnan, Centre Head

ADMINISTRATIVE OFFICERS

Vice-Chancellor's Secretariat			
Assistant Registrar	R. Segar	Assistant Registrar (Transport & Guest House)	M. P. T. Sagayaraja
Vice-Chancellor's Secretariat		Public Grievances Officer	Dr. K. Devan
Office of the Registrar		Office of the Controller of Examinations	
Assistant Registrar (PCR)	S. Alamelu	Deputy Registrar (DDE-Exams)	Dr. S. Manivannan
Deputy Registrar (Academic II)	P. Subramanian	Assistant Registrar (Exams)	Dr. P. Muralidassan
Deputy Registrar (Administration)	P. Subramanian	Assistant Registrar (Exams)	P. Vaithenathan
Deputy Registrar (SC/ ST)	K. Chandramorthy	Assistant Registrar (Exams)	N. Devanarayanan
Deputy Registrar (Planning & Development)	Dr. M. Rajendiran	Assistant Registrar (Exams)	N. Pitchai Pandi
Law Officer	A. Balasubramanian	Assistant Registrar (Exams)	N. Punitha
Assistant Registrar (Planning & Development)	S. Murugaiyan	Assistant Registrar (DDE-Exams)	Basant Kumar Aind
Assistant Registrar (Administration)	B. Routtramourthy P. Rajasekaran	Office of the Finance Officer	
Assistant Registrar (Establishment)	N. Giridharan	Deputy Registrar (F&A)	K. Chandramorthy
Assistant Registrar (Purchase & Stores)	Dr. M. Vallathan	Assistant Registrar (Finance)	P. Gunasekaran
Assistant Registrar (Academic I)	B.N.K. Radipe	Assistant Registrar (Accounts)	R. Ramamoorthy
Assistant Registrar (Academic II)	L.R. Franklin Thomas	Project Officer, Project Cell	S. Ramalingam
Co-ordinator (Public Relations)	Dr. Santhosh Mathew	Vigilance and Security wing	
Assistant Registrar (Community College)	N. Ravi	Officer on Special Duty (i/c)	B. Routtramourthy
Assistant Registrar (School of Humanities)	D. Babu	Engineering Wing	
Assistant Registrar (Ramanujan School of Mathematical Sciences)	K. Jayabalan	Superintending Engineer	R. Gopalakrishnan
Assistant Registrar (Hostels)	R. Saminathan	Executive Engineer	R. Dwaraganathan
		Assistant Engineer	N. Sankaramurthy K. Vadivel
		Assistant Engineer (Electrical)	V. Mourougavelou

OTHER OFFICERS

Central Library	
Deputy Librarian	Dr. U. Nagalingam
Deputy Librarian	Dr. V. R. Rajan
Assistant Librarian	K. Nallaperumal Pillai (UMISARC)
Assistant Librarian	S. Durai
Assistant Librarian	R. Hema
Assistant Librarian	Dr. M. Baskar
Assistant Librarian	Dr. K. Saravanan (PUCC)
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
Programmer	W. J. Kalesha
Placement Cell	
Placement Officer	Dr. S.K.V. Jayakumar
Horticulture	
Horticulturist	Dr. R. Manivannan
Health Centre	
Chief Medical Officer	Dr. Sheela Das
Senior Medical Officer	Dr. S. Mahalakshmi
Media Centre	
Producer	Sanjeev Kumar
FM Radio	
Executive Producer	Saleema Rabiyyath
Central Maintenance Workshop	
Technical Officer Gr. – II	P. Kasirajan
Central Instrumentation Facility	
Technical Officer Gr. – I (SG)	S. Ramasamy
Technical Officer Gr. – I (SS)	P. Thillaimani
Directorate of Distance Education	
Assistant Registrar	V. Parthasarathy
Assistant Registrar	M. Sandirane

Centre for Bioinformatics	
Information Officer	M. Sundara Mohan
Hostels	
Chief Warden (Men)	Dr. Pramod Singh
Chief Warden (Women)	Dr. Ilamathy Janakiraman
Chief Warden (Karaikal)	Dr. M. Dharmalingam
Wardens : Men's Hostels	
Bharathidasan	Dr. Subhadip Bhadra
Kabir Das	Dr. Alok Sharan
Ilango Adigal	Dr.P.B.Shankar Narayanan
C. V. Raman	Dr. C. Thirunavukkarasu
Subramania Bharathi	Dr. M. Suresh Kumar
Tagore	Dr. R.Vijayakumar
Kalidas	Dr. A. Joseph Kennedy
Valmiki	Dr. Jitendra Mohan Mishra
Kannadasan	Dr.Pradeep Kumar Parida,
Kamban	Anil Pratap Giri
Foreign Students	M. Rejoyson Thangal
Sarvapalli Radhakrishnan	Dr.Pramod Meena
Moulana Abul Kalam Azad	Mangkhollen Singhson
Karaikal (Boys - I)	Dr. S. Amilan
Karaikal (Boys - II)	Dr. S. A. Senthil Kumar
Karaikal (Boys - III)	Dr. G. Kumaravelan
Birdline Port Blair (Boys - I)	Dr. S. Balaji
Brookshabad (Boys - II)	Dr. N. Ramanujam
Wardens : Women's Hostels	
Ganga	Dr. R. Sridhya
Yamuna	Dr. Manisha Kumari
Saraswathy	Dr. Syeda Noor Fathima
Cauvery	Dr. Sudha Sitharaman
Kalpna Chawla	Dr. Sudha Sitharaman
Madame Curie	Dr. D. Sultana
Karaikal (Girls)	Dr. Lalitha Ramakrishnan
Ladies (Port Blair)	Dr. Gadi Padmavati

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PUDUCHERRY 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 Pondicherry 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 inter-disciplinary studies and research. The University's motto is 'Vers la lumière' meaning 'towards the light'. The main campus is located at 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 also has campuses at Karaikal and Port Blair which currently offer P.G. and Doctoral 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 MoU with reputed firms.



QUALITY LIVING



UNIQUE FEATURES OF PONDICHERRY UNIVERSITY

- 100% Wi-Fi enabled campus
- 100% power backup
- 100% network of campus
- Library with remote access
- Most sophisticated Laboratories & Instrumentation
- All buildings with Ramps & Lifts
- Solar Heating & Lights
- Free State-of-the-Art Day Care Centre & Kindergarten
- 24 hours Hospital & Ambulance facility
- Green Campus Commutation by free bicycles and battery operated cars
- State-of-the-Art sports facilities
- Rent free hostels for women students
- Free education to differently abled students including boarding & lodging
- Free bus service to University from town

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 period of examinations.

Membership

Library has 7385 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. Books (Print) – 1,94,140, Theses – 705, Dissertations – 4,748, Journal archives – 11,292, Current journals (Print) – 364, E-Resources (e-books, e-database, e-journals) – 34,786 and Video talks – 1,500. Exclusive Collection for competitive examinations is popularly sought after.

Services

Parallel to the traditional library services, the automated Library presently facilitates value-added services such as Referral service, Citation analysis, Institutional Repository of research output, Inter-library loan, Orientation programmes, Workshops, Conferences, Exhibitions, Information product presentations and free trials, Web 2.0 applications such as news feeds, e-alerts and open sources. Access to

a digital library of e-reference works, e-books, e-databases, e-journals, online tutorials and the OPAC (Online Public Access Catalogue) is also made available through the Library portal. Information access facility made possible to the Visually Challenged was one of the facets contributing to winning a National award by the University.

UGC Infonet Consortium Service

Pondicherry University Library is member of the UGC INFONET Digital Library Consortium and has access to about 7953+ 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 under construction to offer 24 hour reading facility, a special section for the visually Challenged, a children's library etc. Bookshop cum Stationery and Souvenir shop was established as a student support service to cater to the requirements of the Students and also to Faculty and other Staff. Five School libraries as Reference Libraries manned by qualified library professionals were established in 2011 to cater to the immediate reference needs of the departments of each respective School of different disciplines. Latest accomplishment is commissioning of the surveillance system with Closed Circuit Television (CCTV) and Radio Frequency and Identification (RFID) making the University Library the third in the country to have such functional surveillance systems.

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. R. Samyuktha

COMPUTER CENTRE

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

Academic

The academic staff of the Computer Center handle teaching, laboratory and semester long project courses for the students of the University, in particular, M.Tech. (Computer Science & Engg.), M.Tech. (Network & Internet Engineering), M.C.A., M.Sc. (Computer Science) students of Department of Computer Science, School of Engineering & Technology.

Apprenticeship Training

The Computer Centre conducts one year long Apprenticeship Training to the ITI (COPA) passed candidates in the PASSA Trade as per the requirements of Ministry of Labor, Govt. of India since 2006. These trainees are given exposure to PC integration, network maintenance, simple web development applications, troubleshooting, etc. The Centre has so far completed 4 batches of trainees and facilitated their placement successfully.

IT Infrastructure & Management

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

Integrated Communications Network (ICN)

Integrated Communication Network providing data, voice and video services to the campus is now Wi-Fi enabled thereby facilitating users to access online computing and allied services at their convenience on 24x7 basis.

Faculty members, offices of the Deans, Department Heads, Administrative Officers, Library, Seminar Halls and class rooms are connected to the intranet/internet.

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

Currently, the services offered over this platform are: Internet, Web services, e-mail services, Voice Communications, online journals subscribed by Library both from University resources and National Knowledge Network.

Internet

The University provides 200 Mbps internet access from its own resources to all users on the campus through proxy servers. In addition 100 Mbps access is available through NME-ICT/NKN link. Both are offered over the intranet on 24x7 basis. This facility is well utilized by all sections of the University.

Web Services

A new bilingual Web Portal for the University in both English and Hindi was added to enhance the functioning, reach and image of the University. All required information are hosted on the portal and updated regularly.

Email services are offered from its own server to the employees of the University. The Web server and E-mail server of the University are established and maintained on the campus by the Centre. Admissions to various PG/ Research / Training programmes of the University are conducted both through conventional and online modes.

Online application for admission to MBA offered by the Department of Management Studies.

NME-ICT/NKN

The Pondicherry University is a member of National Knowledge Network (NKN) as it is connected to the NME-ICT/NKN link. About 9000 e- resources are offered by the link at present.

Voice Communications

Voice services to meet the internal needs of the University are nowadays met using SIP phones. This digital voice system is seamlessly integrated with the campus network and facilitates instant voice access.

The existing Direct Inward Dialling (DID) was enhanced from 500 to 1000 lines.

In-house Training

In-house training is provided to the employees of the University on essential ICT skills. Staff, research scholars and students are also trained on the usage of SIP phones and Wi-Fi access.

ICT training is also provided to the people in the neighboring villages in the vicinity of the University and Non-Teaching employees of the University as an extension service.

Other Services

The Centre provides IT consultancy for identifying proper configuration of computer systems, network systems, Web and E-mail services to the University community as well to the other Government and non-government organizations in areas such as e-governance, web applications, network and certification. The Centre assisted in the establishment of about 30 new computer labs on the campus.

Computer Systems

DELL Blade Servers, Sun Database Server, Sun Application Server, Sun Storage system, Intel Quad Xeon Servers, Intel Pentium Servers and Multimedia PCs running MS Windows/ Red Hat LINUX/Sun Solaris operating environments are available.

A variety of peripherals like Color Laser Printer, Network Laser Printer, Scanner, Web camera are available.

Software

The following software are available: MS Windows Platform-MS Windows 2008 Enterprise Server, MS Windows 7/8, MS Visual studio 2010, MS SQL Server 2008, MS Office/ Office Applications 2013. Adobe Package - Adobe CS5 suite/ Adobe Professional

Scientific Package - MATLAB,
MATHEMATICA.
Statistical Package - SPSS 19.0, Systat13.0
Database Subscription - CMIE
Solaris/Linus Platform - RHEL 5.0,
Solaris 11.0, Oracle 10g Suite.
Network Management - LMS of Cisco,
D-Link Network Management Software.

Details of Scientific/ Technical Staff

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

K. Palanivel, M.Tech.,
Systems Analyst

W.J. Kalesha, B.E.,
Programmer

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

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

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

A. Balquisby, M.C.A.,
Computer Assistant

S.Balan, B.Tech.,
Technical Assistant

A. Sivarajan, B.Tech.,
Technical Assistant



CENTRAL INSTRUMENTATION FACILITY

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

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

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

FACILITIES:

I. Major Research Equipment

- | | | |
|---|--|--|
| <ol style="list-style-type: none"> 1. Vibrating sample Magnetometer Lakeshore, 7404 with High & low Temperature attachments 2. UV-VIS-NIR Spectrophotometer Varian, Cary 5000 3. Scanning Electron Microscope Hitachi- S3400N with EDX and Cathode-luminescence detector 4. Planetary Micromill, Fritsch, Pulverisette -7 5. Spectrofluorimeter Horiba Jobin Yvon , SPEX -F111 6. FTIR Spectrometer Thermo, Nicolet, 6700 7. 400 MHz FT-NMR, Bruker 8. Wavelength Dispersive X-ray Fluorescence Spectrometer Bruker, S4 Pioneer 9. Thermal Analysis System (Waters) TA instruments, SDT600 - DTA/ TGA and Q20 DSC 10. Gamma Ray Chamber, BRIT, India (Co-60 source) 11. Broad band Dielectric Spectromete - NOVO control, Cocept-80 12. High Performance Liquid Chromatograph-Shimadzu, LA20 | <ol style="list-style-type: none"> 13. Particle Size Analyzer, Malvern, Nano Series Zetasizer 14. Surface Area Analyzer, Miromeritics, BET system 15. Electron Probe Micro Analyzer, Cameca, SX100 <p>CIF takes care of the operation and maintenance of the analytical instruments and has a mechanical section with facilities to fabricate mechanical components such as sample mounts / cells / adoptions etc., required for scientific research needs and also to repair and maintain accessories such as hydraulic press, compressors, pumps, circulators etc., of the analytical instruments.</p> <p>CIF caters to the analytical needs of all the science departments and affiliated institutions of the University. Analysis of samples from other educational and research institutions in the region and from industries is also carried out. The following sophisticated instruments were processed and it will be added shortly.</p> | <ol style="list-style-type: none"> 1. High Resolution Transmission Electron Microscope 2. Isotope Ratio Mass spectrometer 3. Physical Property Measurement System 4. Laser Confocal Raman Microscope with Spectrometer 5. Femto Second Laser System 6. High Performance Thin Layer Chromatography system 7. Circular Dichroism Spectrometer |
|---|--|--|

CIF Faculty/ Officers

Dr. G. Govindaraj, M.Sc. Ph.D.

Centre Head & Professor of Physics, Specialization: Condensed Matter Physics (Experiment and Theory)

Er. S. Ramasamy, M.Tech., PGDDI

Technical Officer - I (SG)

Specialization: Electronics Design, Microcontroller based Instrumentation

Er. P. Thillaimani, M.E., DCPCI

Technical Officer - I (SS)

Specialization: General Electronics, Analytical Instrumentation.

CENTRAL MAINTENANCE WORKSHOP

The Central maintenance workshop is a new centre bifurcated from CIF (earlier USIC) during the year January 2011 with an aim to divide the analytical services and the maintenance works for operational convenience. The Central maintenance Workshop has been initially assigned the works of cutting, bending, drilling, welding and painting at this formative stage as per the policy of the University.

The Central maintenance Workshop will be a core support facility to carry out all engineering related works pertaining to civil, electrical, mechanical, electrical, electronics and to support scientific research of academic Departments and centres of the University. The service shops of the Central Maintenance Workshop are as follows

Electronics Shop

The central Maintenance workshop is in the process of reconstruction of the Electronics Shop for offering repairing, servicing and upkeep of Instruments/ equipment/ appliances available in the University. The Electronics shop offers design and fabrication of electronics modules required for the research works of the students and faculties including fabrication of Printed Circuit Boards in accordance to the requirement of the Users from the initial design to final stage ensuring quality and consistency. The augmentation of varieties of Test and Measuring Instruments and PCB making facility is on progress.

Mechanical Shop

The reconstruction of mechanical Shop and augmentation diverse machineries like radial drilling machine, shaping machine, sheet folding machine, hydraulic pipe bending machine and varieties of portable machineries is underway. The mechanical shop offers support in the fabrication Mechanical modules required for advanced scientific and Engineering research. The mechanical shop also offers service support in the reconditioning and upkeep of all kinds of Instruments, equipment and appliances available in large number in the University.

Advanced Glass blowing and Glassware fabrication shop

The Central Maintenance Workshop is in the process of establishment of an advanced glass blowing shop considering the expanding volume of works and in proportionate to the establishment of new Science/Engineering Departments and increase of students strength to several fold. The glass blowing shop offer service support to all the Science and Engineering Departments of the University in the repairing and fabrication advanced laboratory glassware's and to produce glassware of the highest quality and highest purity levels for advanced research works.

The proposed glass blowing shop offers traditional craftsmanship with state of the art facilities and technology in the fabrication of simple glassware to complex quartz laboratory apparatus which finds application in the to the semiconductor/ optical fibre/ photovoltaic's/ chemical and applied sciences research. Additional Service shops proposed to be established.

It is proposed to establish the following additional service shops and to acquire facility for each service shops for reaching goals & objectives of CMW with the support of the University.

Fitting Shop

The fitting and bench work is a vital facility in an Engineering workshop to fix material in the engraved piece which is made with very accurate dimensions. It is proposed to augment radial drilling machine, surface plates, work benches with bench vices, various precision digital measuring instruments and cutting tools for the new fitting shop.

Welding shop

The Welding Shop offers welding and repairing of most metal items both small and large. It is proposed to equip the welding shop with machinery and tools to cut and shape metals according to the users specifications. The Central Maintenance workshop is already having gas and arc welding facility and augmentation of spot welding (heavy

and portable) is under way for making quick, strong spot welds in a wide range of uncoated mild, galvanized ferrous sheet metals.

Carpentry shop

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

Painting Shop

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

CAD Shop (Computer Aided Design Shop)

The CAD shop provides drafting of Electrical, Electronic and Mechanical engineering drawings to the users. The CAD working stations with software and CAD plotter of appropriate size is being augmented.

Electrical Repair and service shop

The electrical shop offer service support in the repair and recondition of motors and pumps, panel boards and testing of electrical equipment. The facilities required for the repair and testing of electrical equipment and gadgets are bring augmented.

Plastic shop

The plastic shop offers injection moulding facility for the moulding and fabrication of plastic parts for the user specific requirement for conducting research and experiments. The plastic shop also offer plastic welding facility for the welding similar and dissimilar plastic parts. The plastic shop is on the process of acquiring various hand tools, hand extruders, welding machines for injection welding, ultrasonic welding, hot gas welding and hot seal welding for the advanced research works of the students and faculties.

Testing and calibration shop

The testing and calibration facility calibrate the measuring instruments and also offers testing the power conditioning devices viz., UPSs & inverters, variety of batteries and certify the products for approved standard and specification. The measuring equipment and testing tools required for testing and calibration are being augmented.

Technical Staff of Central Maintenance Workshop:

The central engineering workshop is a blend of regular industry type and academic working environment destined to cater fully in providing solution to all engineering related fabrication works for the faculties and students in their research works and also to cater service to the various section of the University on needy basis thus strive to ensure the best support facility for a better possible learning, teaching and research environment to the students.

P. Kasirajan, Technical Officer Gr. – II



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

Four canteens are available on the campus.

POST OFFICE

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

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 operated 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

Admission of 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 Ph.D. Full-time and Part-time (external) program. NRI and foreign candidates with enormous professional experiences and having proven aptitude for the research exhibited through publications will only be considered by the admission committee under this clause. Their publications will be evaluated by the Department Committee before called for giving a seminar.

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

FINANCIAL ASSISTANCE

FELLOWSHIP/SCHOLARSHIP OFFERED BY UNIVERSITY:

Ph.D. Fellowship

All the full time scholars admitted to Ph.D. programmes of the University departments, will be eligible for a fellowship of Rs. 8000/- p.m. Ph.D. scholars are also eligible for contingencies grants.

Candidates joining the integrated Ph.D. program shall get a monthly stipend of Rs.1000/- for four semesters (20 months) and Rs. 8000/- per month for the next three years extendable by one year. During the Ph.D. period, the candidate is also eligible for contingency from UGC. (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 & Disaster Management

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

Scholarships for M.Sc. Computational Biology

All selected candidates will be awarded a scholarship of Rs. 5000/- p.m.

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 study.

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. 16,000 p.m. for two years. This may be enhanced to Rs.18,000/- 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 / Maulana Azad national fellowship

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

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

- 1) Full scholarships for 16 students of M.A. South Asian Studies - 2 for each SAARC country - covering travel, boarding, lodging and tuition fees.
- 2) The meritorious candidates from the M.Tech (Green Energy Technology) entrance test will be eligible for the Madanjeet Singh Group Scholarship.

SYSTEM OF INSTRUCTION - Choice Based Credit System (CBCS)

The University has introduced the Choice Based Credit System (CBCS) from the academic year 1992-93 onwards. 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. The minimum credits required for the award of degree in various PG Programs are given in the following table.

S.No	Program	Hard-core Courses credits	Soft-core Courses credits	Total (Minimum credits required for award of the degree)
1	M. A./ M.Sc./ All M.Tech. except M.Tech. (Nano Science and Technology) and M.Tech (Electronics)/ any other 2 year P.G. Programme not mentioned below	48 to 60	12 to 24	72
2	M.Com. and M.A. Economics	68 to 78	12 to 22	90
3	All M. B. A. programmes/ M.Tech. (Nano Science and Technology)	72 to 86	14 to 28	100
4	M.C.A.	72 to 90	18 to 36	108
5	5 year Integrated P.G.	148 to 162	30 to 44	192
6	M. Phil. Programme	30	6	36
7	M.Tech (Electronics)	70	3	73

- 1) The courses offered under a Program of Study are designated as Hard Core and Soft Core.
- 2) A course designated as Hard Core for a particular Program of Study must invariably be completed by the student to receive the degree in that program. The Hard Core Course cannot be substituted by any other course.
- 3) The Soft Core courses are to be chosen from (a) a list of courses marked as Soft Core courses for a particular programme and (b) any course offered by other Departments as Soft Core course. In the event of failure in a Soft Core course the student can substitute the Soft Core course by an equivalent course.

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

PASSING MINIMUM

In order to declare pass, a student should get

- a) A minimum of 40% marks in end-semester exam, and
- b) A minimum of 50% marks in aggregate when internal assessment and end-semester marks are added.

LETTER GRADES

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

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

Where, K = class interval, X= the highest mark in the subject.
The grades may be awarded as given in the following table.

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

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

In courses where the number of students who have secured 50 marks and above is less than 10 then grading may be given based on the Table below

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

The GPA and CGPA will be calculated as weighted average of points secured by the student in all the papers registered by him / her. The weights are the number of credits for each paper. For example, a student getting in A grade in 4 credit course, A- grade in 2 credit course, A+ grade in a 3 credit course and F grade in a 3 credit course will have a GPA as $(9 \times 4 + 8 \times 2 + 10 \times 3 + 0 \times 3) / (4 + 2 + 3 + 3) = (36 + 16 + 30 + 0) / 12 = 82 / 12 = 6.83$ out of 10.0; GPA = 6.83. The CGPA shall also be calculated in similar lines taking all subjects taken by the students in all semesters.

Students with a CGPA of 9.0 and above and did not fail in any of the courses taken by him/ her shall be awarded Distinction. A CGPA of 6.0 and above shall be placed in First class. A CGPA of 5.0 or more but less than 6.0 shall be placed in second class. Student who has secured less than 50% marks in any paper gets F Grade and he is treated as failed in that paper.

A failed student who meets the attendance requirement and has a minimum of 40% in internal assessment marks may be permitted to register for the next end-semester examination in the following semester itself.

Students who have failed due to insufficient attendance and / or less than 40% in internal assessment marks should repeat the course as and when it is offered.

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 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/ Polytechnic colleges situated within the jurisdiction of Pondicherry University and have put in at least 5 years of continuous teaching experience in the subject concerned.

(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 for 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. NRI and foreign candidates with enormous professional experiences and having proven aptitude for the research exhibited through publications

will only be considered by the admission committee under this clause. Their publications will be evaluated by the Department Committee before called for giving a seminar. The NRI and foreign candidates who apply for Ph.D. (Full-time) programme and fulfill the required eligibility criteria for Ph.D. (Full-time) are also exempted from entrance test, but they shall give a seminar before the Admission Committee.

(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. While conducting the seminar for such candidates, one external expert may be included in the admission committee, in addition to V.C.'s nominee. Such candidates, not exceeding two, could be registered at a time in a Department.

Ph.D Admission under Exemption category

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

PH.D. ADMISSION REQUIREMENTS

Course Code	Subject	Intake	Eligibility criteria for admission	Date & time of Entrance Examination
167	Adult and Continuing Education	2	Master's degree in Humanities, Social Sciences or any other related discipline with a minimum of 55% of marks	25.05.2013 2.00 p.m. to 4.00 p.m.
-	Anthropology	-	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	-
157	Applied Psychology	3	Master's Degree in Psychology/ Applied Psychology with a minimum of 55% of marks	26.05.2013 10.00 a.m. to 12.00 noon
143	Asian Christian Studies	2	M.A. degree in Christian studies from any University or its equivalent with a minimum of 55% of marks	24.05.2013 2.00 p.m. to 4.00 p.m.
146	Banking Technology	2	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	25.05.2013 10.00 a.m. to 12.00 noon
102	Biochemistry & Molecular Biology	5	Master's degree in Biochemistry/ Molecular Biology/ Biotechnology/ Microbiology or any other branch of Life Sciences with a minimum of 55% of marks.	24.05.2013 10.00 a.m. to 12.00 noon
104	Bioinformatics	3*	Master's degree in any relevant areas of Physics/ Chemistry/ Computer Science/ Life Sciences with a minimum of 55% of marks.	25.05.2013 10.00 a.m. to 12.00 noon
103	Biotechnology	12	Master's degree in Agriculture/ Biochemistry/ Biotechnology/ Botany/ Microbiology/ Veterinary Science/ Zoology or in any other related areas with a minimum of 55% of marks	26.05.2013 10.00 a.m. to 12.00 noon
107	Chemistry	12	Master's degree in Chemistry / Chemical Sciences / Material Science / Applied or Industrial Chemistry / Pharmaceutical Chemistry / any other related areas in Chemistry with a minimum of 55% of marks. Candidates wishing to apply for the fields of Physical Chemistry / Photochemistry / Materials Science should have studied maths at +2 level and of Theoretical Chemistry should have studied allied maths at B. Sc level.	25.05.2013 2.00 p.m. to 4.00 p.m.
105	Commerce	2 (Puducherry) 4 (Karikal)	Master's degree in Commerce with a minimum of 55% of marks	24.05.2013 10.00 a.m. to 12.00 noon

* The number includes candidates to be selected for Institute of Bioinformatics (IoB), Bangalore and Institute of Chemical Technology, Hyderabad. Candidates who have qualified for UGC -JRF/CSIR/NET/DBT-BINC are exempted from entrance exam. They can apply directly.

Course Code	Subject	Intake	Eligibility criteria for admission	Date & time of Entrance Examination
106	Computer Science & Engg.	16 (Puducherry) 4 (Karikal)	M.Tech. in Computer Science and Engineering or Information Technology/ M.Tech in Electronics and/or Communication Engineering/ M.Tech. in Electrical Engineering or other related specializations in Computer, IT, Electronics and 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.	26.05.2013 2.00 p.m. to 4.00 p.m.
147	Disaster Management (Port Blair, Andamans)	2	Master's degree in Geology/ Geography/ Geo-Physics/ Chemistry/ Physics/ Maths/ M.Tech./ ME with a minimum of 55% of Marks	24.05.2013 10.00 a.m. to 12.00 noon
140	Drama & Theatre Arts	9	Master's degree in Drama & Theatre Arts or in Performing Arts or related subjects with a minimum of 55% of marks	24.05.2013 2.00 p.m. to 4.00 p.m.
110	Earth Sciences	9	Master's degree in Geology/ Applied Geology/ Marine Geology/ Geophysics/ Ecology and Environmental Sciences/ Physics/ Chemistry/ Oceanography with a minimum of 55% of marks.	26.05.2013 10.00 a.m. to 12.00 noon
111	Ecology & Environmental Sciences	14	Master's degree in Ecology & Environmental Sciences or any related branch of Science or Technology with a minimum of 55% of marks.	25.05.2013 2.00 p.m. to 4.00 p.m.
-	Economics	-	Master's degree in Economics with a minimum of 55% of marks	-
-	Education	-	M.Ed. (Elementary Education)/ M.Ed. (Educational Technology)/ M.A. Education with B.Ed./ M.Sc.Education with B.Ed. with a minimum of 55% of marks	-
154	Electronic Media	3	Master's Degree with 55% marks in Electronic Media, Journalism, Mass Communication	24.05.2013 10.00 a.m. to 12.00 noon
166	Electronics Engineering	4	M.E./ M.Tech degree in ECE/ Electronics/ Communication/ Other related specializations with an overall minimum aggregate of 55% of marks or equivalent	26.05.2013 10.00 a.m. to 12.00 noon
109	English	11	Master's degree in English with a minimum of 55% of marks	24.05.2013 10.00 a.m. to 12.00 noon
112	Environmental Technology	4	Master's degree in Science/ Technology with a minimum of 55% of marks	24.05.2013 2.00 p.m. to 4.00 p.m.
152	Food Science & Nutrition	1	Master's degree in Food Science and Nutrition/ Home Science/ Industrial Biotechnology/ Microbiology/ Biotechnology with a minimum of 55% of marks	25.05.2013 10.00 a.m. to 12.00 noon
158	Food Science & Technology	1	Master's degree in Food Science and Technology/Food Engineering/Food Technology/ Food Process Engineering/ Agricultural Engineering/ Chemical Engineering/ Microbiology with a minimum of 55% of marks	25.05.2013 2.00 p.m. to 4.00 p.m.
113	French	4	Master's degree in French with a minimum of 55% of marks	26.05.2013 10.00 a.m. to 12.00 noon

Course Code	Subject	Intake	Eligibility criteria for admission	Date & time of Entrance Examination
159	Green Energy Technology	9*	M.Sc in Physics/ Physics (with photonics specialization)/ Photonics/ Chemistry with Mathematics at BSc level/ Materials Science with Chemistry at BSc level / Electronics/ BioChemistry/ Biotechnology/ Nanoscience with Chemistry at BSc level. Or M.E/M.Tech in Thermal/ Electrical/Mechanical/Chemical/ Electronics & communication/Nanotechnology/ Nanoscience and Technology/ Green Energy Technology/ opto-electronics/ Biotechnology. with at least 55% marks in qualifying examination	24.05.2013 10.00 a.m. to 12.00 noon
115	Hindi	8	Master's degree in Hindi with a minimum of 55% of marks	26.05.2013 10.00 a.m. to 12.00 noon
114	History	3	Master degree in History/ Ancient History and Archaeology with a minimum of 55% of marks.	26.05.2013 10.00 a.m. to 12.00 noon
145	International Business	3	MBA (International Business) MBA (Marketing, Finance, HR, Tourism, Systems), MIBA, M.Com., Master's degree in Foreign Trade, Economics, and other relevant disciplines with a minimum of 55% of marks.	25.05.2013 2.00 p.m. to 4.00 p.m.
156	Library & Information Science	15	Master's degree in Library and Information Science with a minimum of 55% marks	24.05.2013 10.00 a.m. to 12.00 noon
117	Management	6 (Puducherry) 7 (Karikal)	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.	24.05.2013 2.00 p.m. to 4.00 p.m.
119	Marine Biology (Port Blair, Andaman)	11	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	25.05.2013 10.00 a.m. to 12.00 noon
155	Mass Communication	4	Master's Degree with 55% of marks in Mass Communication, Journalism, Electronic Media	26.05.2013 2.00 p.m. to 4.00 p.m.
118	Mathematics	4	Master's degree in Mathematics with a minimum of 55% of marks	25.05.2013 2.00 p.m. to 4.00 p.m.
128	Microbiology	12	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	24.05.2013 2.00 p.m. to 4.00 p.m.

* Includes 2 (two) vacancies for Bio-related fields.

Course Code	Subject	Intake	Eligibility criteria for admission	Date & time of Entrance Examination
160	Nano Science & Technology	7	M.E/M.Tech in Nanoscience and Technology, Polymer Science and Engg., Electronics Engg., Chemical Engg./Technology, Materials Science and Engg., Mechanical Engg., Metallurgical Engg., Energy Technology, Biotechnology and other relevant subjects with 55% of marks. (OR) Masters degree in Nanoscience and Technology / Physics / Chemistry / Applied Chemistry/ Materials Science/ Biotechnology/Bio-Chemistry with 55% of marks. For SC/ST students mere pass in the above mentioned course	24.05.2013 2.00 p.m. to 4.00 p.m.
120	Philosophy	3	Master's degree in Philosophy with a minimum of 55% of marks	24.05.2013 2.00 p.m. to 4.00 p.m.
121	Physical Education & Sports	18	Master's degree in Physical Education with a minimum of 55% of marks	24.05.2013 2.00 p.m. to 4.00 p.m.
122	Physics	12	Master's degree in Physics/ Material Science and Technology with a minimum of 55% of marks	25.05.2013 2.00 p.m. to 4.00 p.m.
116	Politics & International Studies	4	Master's degree in any discipline with a minimum of 55% of marks	24.05.2013 2.00 p.m. to 4.00 p.m.
123	Sanskrit	4	Master's or Acharya degree in Sanskrit with a minimum of 55% of marks	24.05.2013 10.00 a.m. to 12.00 noon
-	Social Exclusion and Inclusive Policies	-	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.	-
-	Social Work	-	Master's degree in Social Work with a minimum of 55% of marks	-
124	Sociology	2	Master's degree in Sociology with a minimum of 55% of marks	25.05.2013 10.00 a.m. to 12.00 noon
150	South Asian Studies	8	M.A. in Political Science/ International Relations/ South Asian Studies/ Economics/ History/ Sociology or related disciplines with minimum of 55% of marks	26.05.2013 2.00 p.m. to 4.00 p.m.
-	Southern Asia Studies	-	M.A. in Political Science/ International Relations/ South Asian Studies/ Economics/ History/ Sociology/ Defence Studies or related disciplines with minimum of 55% of marks	-
149	Statistics	8	Master's degree in Statistics with a minimum of 55% marks	24.05.2013 10.00 a.m. to 12.00 noon
-	Tamil	-	Master's degree in Tamil with a minimum of 55% of marks	-
-	Tourism Studies	-	M.B.A Tourism, M.T.A, M.A. (Tourism), M.T.M, Master's degree in Hospitality Management, M.B.A with a minimum of 55% of marks.	-
-	Women's Studies	-	Master's degree in any discipline with a minimum of 55% of marks	-

PH.D. PROGRAMMES OFFERED IN THE AFFILIATED COLLEGES/ INSTITUTIONS OF PONDICHERY UNIVERSITY

● Vector Control Research Centre (VCRC), Puducherry (Candidates with/without fellowships, Candidates employed in research projects and permanent employees involved in research at VCRC are eligible.)				
Course Code	Subject	Intake	Eligibility criteria for admission	Date & time of Entrance Examination
107	Chemistry	1	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.	25.05.2013 2.00 p.m. to 4.00 p.m.
129	Zoology	1	Master's degree in Zoology/ Medical Entomology/ Public Health Entomology or any other related area with minimum of 55% of marks.	26.05.2013 2.00 p.m. to 4.00 p.m.
● Regional Medical Research Centre (RMRC), Port Blair, A&N Islands				
128	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	24.05.2013 2.00 p.m. to 4.00 p.m.
135	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	25.05.2013 2.00 p.m. to 4.00 p.m.
● Kanchi Mamunivar Centre for P.G. Studies (KMCPGS), Puducherry (Ph.D. admissions are restricted to candidates belonging to Puducherry region only)				
136	Botany	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	25.05.2013 10.00 a.m. to 12.00 noon
107	Chemistry	8	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 case, Maths at +2 level is required for any of the research specialization, the selected candidate should complete a bridge course in Maths during Part-I of the Ph.D. Programme.	25.05.2013 2.00 p.m. to 4.00 p.m.
105	Commerce	6	Master's degree in Commerce with a minimum of 55% of marks	24.05.2013 10.00 a.m. to 12.00 noon
109	English*	2	Master's degree in English with a minimum of 55% marks.	24.05.2013 10.00 a.m. to 12.00 noon
122	Physics*	4	Master's degree in Physics/ Material Science and Technology with a minimum of 55 % of marks	25.05.2013 2.00 p.m. to 4.00 p.m.
125	Tamil	9	Master's degree in Tamil with a minimum of 55% of marks	26.05.2013 2.00 p.m. to 4.00 p.m.
129	Zoology	8	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	26.05.2013 2.00 p.m. to 4.00 p.m.

* Subject to approval by the University.

● Pondicherry Engineering College (PEC), Puducherry				
Course Code	Subject	Intake	Eligibility criteria for admission	Date & time of Entrance Examination
107	Chemistry	2	Master's degree in Chemistry / Chemical Sciences / Material Science / Applied or Industrial Chemistry / Pharmaceutical Chemistry / any other related areas in Chemistry with a minimum of 55% of marks. Candidates wishing to apply for the fields of Physical Chemistry / Photochemistry / Materials Science should have studied maths at +2 level and of Theoretical Chemistry should have studied allied maths at B. Sc level.	25.05.2013 2.00 p.m. to 4.00 p.m.
137	Civil Engineering	8	(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	26.05.2013 10.00 a.m. to 12.00 noon
—	Computer Science & Engineering	—	M.Tech. in Computer Science and Engineering or Information Technology/ M.Tech in Electronics and/or Communication Engineering/ M.Tech. in Electrical Engineering or other related specializations in Computer, IT, Electronics and 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.	-
141	Electrical and Electronics Engg.	9 [#]	Masters' degree in specializations related to Electrical and Electronics Engineering with a minimum of 55% of marks.	25.05.2013 2.00 p.m. to 4.00 p.m.
138	Electronics & Communication Engg.	5	B.E./ B.Tech degree and M.E./ M.Tech degree in ECE/ Electronics/ Communication/ Other related specializations with an overall minimum aggregate of 55% of marks or equivalent in the qualifying examination (M.E./ M.Tech.)	25.05.2013 10.00 a.m. to 12.00 noon
118	Mathematics	1	Master's degree in Mathematics with a minimum of 55 % of marks	25.05.2013 2.00 p.m. to 4.00 p.m.
139	Mechanical Engg.	5	B.E./ B.Tech. Degree and M.E./ M.Tech. Degree in Mechanical Engg. or a Master's degree accepted as equivalent by the University with a minimum of 55 % of marks	25.05.2013 10.00 a.m. to 12.00 noon
122	Physics	2	Master's degree in Physics/ Material Science and Technology with a minimum of 55 % of marks	25.05.2013 2.00 p.m. to 4.00 p.m.

● Zoological Survey of India (ZSI), Port Blair

111	Ecology	2	Master's degree in Zoology/Marine Biology/Wildlife Biology/ Ecology/ Life Sciences with a minimum of 55% of marks	25.05.2013 2.00 p.m. to 4.00 p.m.
132	Taxonomy	2	Master's degree in Zoology/Marine Biology/ Wildlife Biology/ Ecology/ Life Sciences with a minimum of 55% of marks	24.05.2013 10.00 a.m. to 12.00 noon
133	Zoogeography	2	Master's degree in Zoology/Marine Biology/Wildlife Biology/ Ecology/ Life Sciences with a minimum of 55% of marks	24.05.2013 2.00 p.m. to 4.00 p.m.

● Bharathidasan Womens' College (First priority to the residents of Puducherry)

134	Home Science (All branches)	2**	Master's degree in any branch of Home Science	25.05.2013 2.00 p.m. to 4.00 p.m.
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** Includes both Full-time and Part- time Internal & External.

● French Institute of Pondicherry (IFP), Puducherry

Course Code	Subject ¹	Intake	Eligibility criteria for admission	Date & time of Entrance Examination
130	Indology ² Sanskrit Studies	4*	Masters or M.Phil. degree in Sanskrit studies: Saiva Agama-s; Saivasiddhanta, Sanskrit Grammar, Sanskrit Literature and Manuscriptology. Note: Only candidates with adequate background in Sanskrit may apply, as knowledge to read, write and speak Sanskrit is mandatory. The question paper will be drafted in Sanskrit.	25.05.2013 2.00 p.m. to 4.00 p.m.
111	Ecology ²		Masters or M.Phil. degree in Population/ community/ landscape Ecology; Distribution of species; Forest dynamics; spatial modeling; Biodiversity conservation; Forest structure; Biomass; Paleo environments, Earth sciences; Botany; Ecology; Wildlife Biology.	25.05.2013 2.00 p.m. to 4.00 p.m.
168	Social Sciences	4	Masters or M.Phil. degree in Urban Dynamics, Geography, Economy, Sociology, Anthropology, Medicine and Society, Risk, Circulation & Migrations, Mobility, Social Norms, Innovations, New Markets, Socio-Anthropology of food, History of food, Agrarian Study, Public Health.	25.05.2013 2.00 p.m. to 4.00 p.m.

(Seven Doctoral Scholarships in the fields of Ecology, Indology and Social Sciences are offered)

1 Candidates already registered in a University are only eligible to apply for IFP Ph.D. Programmes irrespective of their nationality.

2 It will be possible to propose a subject in one of the three thematic fields at the Institute, which integrates an important part of geomatics (GIS, Remote sensing, Spatial analysis) in the application part, but also in the research part.

* The best applications will be considered rather than distributing the seats subject wise.

● Dr. Ambedkar Govt. Law college, Puducherry

-	Law	-	Master's degree in Law with a minimum of 55 % marks	-
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● Frontier LifeLine Hospital & K. M. Cherian Heart Foundation, Chennai

162	Biochemical Pharmacology	3	M.Sc. Biochemical Pharmacology/ Biochemistry/ Pharmacology/ M.Pharm. Pharmacology with a minimum of 55 % marks	24.05.2013 2.00 p.m. to 4.00 p.m.
103	Biotechnology	3	Master's degree in Agriculture/ Biochemistry/ Biotechnology/ Botany/ Microbiology/ Veterinary Science/ Zoology or in any other related areas with a minimum of 55% of marks	26.05.2013 10.00 a.m. to 12.00 noon
163	Cardiovascular Biology	3	M.Sc. Biology/ Physiology/ Biochemistry/ Cell Biology/ Life Sciences with a minimum of 55 % marks	26.05.2013 2.00 p.m. to 4.00 p.m.
164	Clinical Biochemistry	3	M.Sc. Biochemistry/ Clinical Biochemistry/ M.Sc. MLT/ Biotechnology with a minimum of 55 % marks	25.05.2013 10.00 a.m. to 12.00 noon
165	Toxicology	3	M.Sc. Pharmacology/ Toxicology/ Physiology/ Biochemistry/ Cell Biology/ Biotechnology with a minimum of 55 % marks	25.05.2013 2.00 p.m. to 4.00 p.m.

The name of faculty members recognised to guide Ph.D. research in the affiliated institutions are given under the Chapter "Affiliated Institutions - Ph.D. Supervisors".

Note:

- 1) 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. The selection will be based on a common merit list. The candidates will have the option to join either in the University department or in the affiliated Institution as per their choice vis-à-vis their position in the merit list, subject to fulfillment of the eligibility and residential conditions.
- 2) The intake for Ph.D programmes are subject to change based on the availability of vacancies with the concerned supervisors.



INTEGRATED P.G. – PH.D. PROGRAMME

M.A. - Ph.D. Hindi

M.Sc. - Ph.D. Applied Psychology

M.Sc. - Ph.D. Biochemistry and Molecular Biology

M.Sc. - Ph.D. Bio-Technology

M.Sc. - Ph.D. Chemistry

M.Sc. - Ph.D. Ecology & Environmental Sciences

M.Sc. - Ph.D. Food Science and Nutrition

M.Sc. - Ph.D. Food Science & Technology

M.Sc. - Ph.D. Mathematics

M.Sc. - Ph.D. Physics

M.Tech. - Ph.D. Environmental Engineering & Mgt.

M.Tech. - Ph.D. Nano Science and Technology

MBA. - Ph.D. Tourism

M.P.A. - Ph.D. Performing Arts

M.P.Ed. - Ph.D. Physical Education

INTRODUCTION

The concern of the nation has been about enhancing the quality of research in Universities, as well as increasing the number of students pursuing research and obtaining Doctoral degrees.

Integrated Ph.D. program gives unique opportunity to obtain Ph.D. degree within a shorter duration and is very useful to the students who plan to build their career in research or higher education. This program offers research orientation from the third semester onwards by giving specialized courses in the area of research the student plans to pursue. The fourth semester is entirely devoted to research project which could be a pilot or precursor to the Ph.D. research work. On completion of all the credit requirements the student enters into the part II of the program which is entirely research.

ADMISSION AND OTHER GENERAL CONDITIONS

1. **No** separate application and entrance examination for the Integrated Ph.D. Programmes.

2. Admission of students to the programmes will be made as per the merit lists of the respective regular P.G. programmes (Not exceeding 10 per year).

3. Intake will be decided by the respective Heads of Departments at the time of admission.

4. A candidate joining the integrated Ph.D. program shall get a monthly stipend of Rs.1000/- for four semesters (20 months) and Rs. 8000/- per month for the next three years extendable by one year. During the Ph.D. period, the candidate is also eligible for contingency from UGC.

5. The students admitted to integrated Ph.D. program shall take courses of first three semesters together with the students of main stream Master's degree program.

6. Students with a CGPA of 6 or more on completion of mandated credits at the end of 4 semesters are eligible to proceed to Part II of the Ph.D. program. Others will be eligible for award of PG degree if they have completed the credit requirements for that degree.

7. The student who has CGPA of 6 or more on completion of four semesters may be permitted to exit the program with the P.G. degree on successful completion of credit requirements for that degree, however, he or she shall have to refund the entire stipend of Rs.1000/- per month paid.

8. Evaluation and award of grades during first four semester will be governed by the CBCS regulations.

9. The students of integrated Ph.D. program are advised to take additional courses in the same department or any other department in order to meet the deficiencies for pursuing Ph.D. program.

10. The successful candidate shall get two degrees after the award of Ph.D. degree namely, M.A./ M.Sc./ M.Tech., as applicable, along with the Ph.D. degree.

11. All other regulations for regular Ph.D. program also apply to integrated Ph.D. program.

POST GRADUATE COURSES

Course Code	Title of P.G. course and Subject		Intake	Eligibility criteria for admission	Date & time of Entrance Examination
349	M.A.	Anthropology	36	Bachelor's degree in any discipline with a minimum of 50 % of marks	26.05.2013 10.00 a.m. to 12.00 noon
350	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	26.05.2013 10.00 a.m. to 12.00 noon
356	M.A.	English & Comparative Literature	100	Bachelor's degree in English with a minimum of 50% of marks in part III or a high second class in English under part I or Part II.	26.05.2013 2.00 p.m. to 4.00 p.m.
357	M.A.	French (Translation & Interpretation)	60	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)	26.05.2013 10.00 a.m. to 12.00 noon
358	M.A.	Hindi	26	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 any degree with rastrabhasha Praveen degree obtained from Dakshin Bharat Hindi Prachar Sabha	26.05.2013 10.00 a.m. to 12.00 noon
359	M.A.	History	60	Bachelor's degree in History with 50% minimum marks or B.A. in social sciences (political science, economics and sociology) with history as an ancillary or subsidiary paper with 50% marks	24.05.2013 2.00 p.m. to 4.00 p.m.
386	M.A.	Mass Communication	46	Bachelor's degree in any discipline with a minimum of 50 % of marks	25.05.2013 10.00 a.m. to 12.00 noon
361	M.A.	Philosophy	31	Bachelor's degree in any discipline with a minimum of 50 % of marks	24.05.2013 10.00 a.m. to 12.00 noon
362	M.A.	Politics and International Relations	60	Bachelor's degree in any discipline with a minimum of 50 % of marks	26.05.2013 2.00 p.m. to 4.00 p.m.
363	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/ Siromani/ Vidya Praveena)	26.05.2013 10.00 a.m. to 12.00 noon
364	M.A.	Sociology	52	Bachelor's degree in any discipline with a minimum of 50% of marks	24.05.2013 2.00 p.m. to 4.00 p.m.
385	M.A.	South Asian Studies	40	Bachelor's degree in any discipline with a minimum of 50 % of marks	24.05.2013 2.00 p.m. to 4.00 p.m.
366	M.A.	Tamil	60	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	26.05.2013 10.00 a.m. to 12.00 noon

Course Code	Title of P.G. course and Subject		Intake	Eligibility criteria for admission	Date & time of Entrance Examination
313	M.Sc.	Astrophysics	10	B.Sc. Physics/ Electronics/ Mathematics/ Applied Physics with a minimum percentage of 55% of Marks in part III (OR) Four year B.E./ B.Tech. in Electronics/ ECE/ Electrical/ EEE/ Optics/ Engineering Physics/ Applied Physics/ Mechanical/ Instrumentation/ Computer Science with a minimum of 55% in main subjects.	25.05.2013 10.00 a.m. to 12.00 noon
367	M.Sc.	Applied Geology	35	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	25.05.2013 10.00 a.m. to 12.00 noon
388	M.Sc.	Applied Psychology	52	B.A./ B.Sc. (Hons) three years course in Psychology with at least 55% marks OR Bachelor's degree with at least 55% marks in aggregate in any discipline with Psychology as one of the subjects for three years.	25.05.2013 10.00 a.m. to 12.00 noon
368	M.Sc.	Biochemistry & Molecular Biology	52	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	24.05.2013 10.00 a.m. to 12.00 noon
378	M.Sc.	Bioinformatics	40	Bachelor's degree in any relevant area of Physics/ Chemistry/ Computer Science/ Life Science/ with a minimum of 55% of marks	24.05.2013 2.00 p.m. to 4.00 p.m.
303	M.Sc.	Biotechnology	32 (23* + 9**)	Bachelor's degree in Agriculture/ Biochemistry/ Biotechnology/ Botany/ Microbiology/ Veterinary Science/ Zoology or in other related areas with a minimum of 55% of marks	25.05.2013 10.00 a.m. to 12.00 noon
369	M.Sc.	Chemical Sciences	60	Bachelor's degree in Chemistry with a minimum of 55% of marks.	24.05.2013 2.00 p.m. to 4.00 p.m.
310	M.Sc.	Computational Biology #	24 (12 per Univ.)	Minimum of 55% of marks in Bachelor's degree in any relevant area of Bioinformatics/ Physics/ Chemistry/ Mathematics/ Biotechnology/ Biochemistry/ Microbiology/ Plant Biology/ Botany/ Animal Biology/ Zoology/ B.Tech in Bioinformatics, Biotechnology, Industrial Biotechnology, Pharmaceutical Technology, Food Technology, Chemical Engineering/ B.E. in Information Technology, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Instrumentation, Electronics and Communication Engineering, Mechanical Engineering, Biomedical Engineering/ +2 level Maths is compulsory for candidates opting Anna University.	26.05.2013 2.00 p.m. to 4.00 p.m.
370	M.Sc.	Computer Science	60 (Pondicherry) 26 (Kariaikal)	Bachelor's degree in Computer Science/ Applications/ Information Technology any other equivalent course with a minimum of 55% of marks	25.05.2013 2.00 p.m. to 4.00 p.m.

* Students are admitted based on merit in the All India entrance examination conducted by Jawaharlal Nehru University, New Delhi

** Students are admitted based on merit in the entrance examination conducted by Pondicherry University.

Network teaching programme in collaboration with Anna University, Chennai. Admission to Anna University will be based on the entrance exam conducted by Pondicherry University.

Course Code	Title of P.G. course and Subject		Intake	Eligibility criteria for admission	Date & time of Entrance Examination
379	M.Sc.	Disaster Management	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	24.05.2013 2.00 p.m. to 4.00 p.m.
371	M.Sc.	Ecology & Environmental Sciences	60	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.	25.05.2013 10.00 a.m. to 12.00 noon
387	M.Sc.	Electronic Media	46	Bachelor's degree with 55% of marks in Electronic Media/ Journalism / Visual Communication/ Business Management Science / Performing Arts/ OR Bachelor's Degree in any discipline with a minimum of 55% of marks and one year working experience in media production in a recognised organisation	24.05.2013 10.00 a.m. to 12.00 noon
389	M.Sc.	Food Science and Nutrition	40	Bachelor's degree in food and Nutrition/ Food Technology/ Food Science and Quality Control/ Clinical Nutrition and Dietetics or Composite/ General Home Science/ Biochemistry/ Biotechnology /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	25.05.2013 2.00 p.m. to 4.00 p.m.
396	M.Sc.	Food Science and Technology	18	B.Sc./ B.Tech in Agriculture/ Agricultural Engineering/ Home Science/Food Technology/Food Science and Nutrition/Food Science and Quality Control/ Clinical Nutrition/Biochemistry/ Biotechnology/ Microbiology and other life science related subjects. Maths at +2/ PUC level is compulsory	26.05.2013 10.00 a.m. to 12.00 noon
373	M.Sc.	Marine Biology (at Port Blair)	52	Bachelor's degree in Microbiology/ Biotechnology/ Genetics/ Marine Biology/ Fishery Biology/ Botany / Zoology with a minimum of 55% of marks	26.05.2013 2.00 p.m. to 4.00 p.m.
372	M.Sc.	Mathematics	64	Bachelor's degree in Mathematics with a minimum of 55% of marks	26.05.2013 10.00 a.m. to 12.00 noon
308	M.Sc.	Microbiology	25	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	25.05.2013 2.00 p.m. to 4.00 p.m.
374	M.Sc.	Physics	60	Bachelor's degree in Physics with a minimum of 55% of marks	26.05.2013 10.00 a.m. to 12.00 noon
314	M.Sc.	Quantitative Finance	30	A candidate who has secured 55% marks or above in any one of the following or equivalent is eligible to apply. B. Sc. (Maths), B. Sc. (Statistics), B.Com (with Mathematics), B.A(Eco) (With Mathematics), Bachelor's degree in Engineering (Computer Science & Engineering/ Information Technology) or Bachelor's degree in Computer Science/Computer Applications/ Information Technology.	25.05.2013 10.00 a.m. to 12.00 noon

Course Code	Title of P.G. course and Subject		Intake	Eligibility criteria for admission	Date & time of Entrance Examination
375	M.Sc.	Statistics	60	Bachelor's degree in Statistics or Mathematics with Statistics as a allied subject with a minimum of 55% of marks	24.05.2013 10.00 a.m. to 12.00 noon
376	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	25.05.2013 2.00 p.m. to 4.00 p.m.
304	M.Tech.	Electronics	30	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	24.05.2013 10.00 a.m. to 12.00 noon
393	M.Tech.	Environmental Engineering & Management	24	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	26.05.2013 2.00 p.m. to 4.00 p.m.
306	M.Tech.	Exploration Geosciences	8	Master's degree in Geology/Applied Geology. Marine Geology; B.Tech/B.E in Geo Sciences Engineering/Geo Informatics Engineering with a minimum of 55% of marks	25.05.2013 2.00 p.m. to 4.00 p.m.
307	M.Tech.	Green Energy Technology	26+4* (* SAF Sponsored)	B.E/B.Tech in Mechanical, Electrical, Civil, Electronics, Chemical or Biotechnology or M.Sc in Physics, Chemistry, Material Science, Nanoscience or Photonics with Mathematic at B.Sc level with at least 55% marks in qualifying examination.	24.05.2013 2.00 p.m. to 4.00 p.m.
305	M.Tech.	Nano Science & Technology	26	M.Sc. (Physics / Chemistry / Applied Physics / Electronics / Materials Science); BE / B.Tech (Electronics/ Electrical / Instrumentation/ Mechanical / Chemical/ Metallurgy & Materials Engineering / Biotechnology) with overall marks of 55% .	24.05.2013 10.00 a.m. to 12.00 noon
394	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	26.05.2013 10.00 a.m. to 12.00 noon

Course Code	Title of P.G. course and Subject		Intake	Eligibility criteria for admission	Date & time of Entrance Examination
381	M.B.A.	Banking Technology	72 (5 sponsor)	Bachelor's degree in Engineering (Computer Science & Engineering/ Information 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) or any other Bachelor's degree with PGDCA (only from recognized universities) with a minimum of 55% marks in all degrees/ diploma	24.05.2013 2.00 p.m. to 4.00 p.m.
-	M.B.A.	Business Administration	138 (118 through CAT score + 2 Andaman & Nicobar + 18 Foreign students)	Bachelor's degree in any discipline with a minimum of 50 % of marks. (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. A separate advertisement has been made for this course.)	A separate admission process is underway
395	M.B.A.	Insurance Management (Karaikal)	40	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 discipline, but from a recognized university from India or abroad.	25.05.2013 2.00 p.m. to 4.00 p.m.
382	M.B.A.	International Business	72	Bachelor's degree in any discipline with a minimum of 50 % of marks	24.05.2013 10.00 a.m. to 12.00 noon
383	M.B.A.	Tourism	72	Bachelor's degree in any discipline with a minimum of 50 % of marks	25.05.2013 10.00 a.m. to 12.00 noon
352	M.C.A.	Computer Applications	120 (Puducherry) 40 (Karaikal)	Bachelor's degree in Computer Applications/ Computer Science/ Information Technology or Bachelor's degree in Commerce/ Corporate Secretaryship/ Economics / Business Administration with Mathematics/ Business Mathematics / Statistics /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	26.05.2013 2.00 p.m. to 4.00 p.m.
351	M.Com.	Business Finance	120 (Puducherry) 40 (Karaikal)	Bachelor's degree in Commerce/ Foreign Trade/ Corporate Secretaryship/ B.B.A./ B.C.M./ B.A Co-op./ B.Com. (Edn.)/ B.Com.(Vocational) with a minimum of 50% of marks	24.05.2013 2.00 p.m. to 4.00 p.m.
311	M.Com.	Accounting & Taxation	60	Any Bachelor's degree in Commerce or any other degree with degree level papers in Accounting are eligible with a minimum of 50% of marks	24.05.2013 10.00 a.m. to 12.00 noon
392	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	25.05.2013 10.00 a.m. to 12.00 noon

Course Code	Title of P.G. course and Subject		Intake	Eligibility criteria for admission	Date & time of Entrance Examination		
390	M.L.I.S	Master of Library and Information Science	35	Any degree with a minimum of 50 % of marks	25.05.2013 2.00 p.m. to 4.00 p.m.		
354	M.P.A.	Master of Performing Arts (Theatre Arts)	31	Bachelor's degree in any discipline with a minimum of 50 % of marks	25.05.2013 10.00 a.m. to 12.00 noon		
377	M.P.Ed.	Physical Education	60 + 8 (8 Integrated Ph.D.)	(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. (a) Physical fitness tests: Maximum: 30 marks (10 marks for each event)	24.05.2013 10.00 a.m. to 12.00 noon		
						Men	Women
						100 meters Shot-put (16 lbs) 12 minutes run/ walk	100 meters Shot-put (8 lbs) 8 minutes run/ walk
				(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. (c) Entrance examination: 50 marks.			
391	M.S.W.	Master of Social Work	52	Bachelor's degree in any discipline with a minimum of 50 % of marks	24.05.2013 10.00 a.m. to 12.00 noon		

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

380	M.Sc.	Applied Geology	31	Pass in +2 with 50% of marks and should have studied Physics, Chemistry and Mathematics	26.05.2013 10.00 a.m. 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.P.Ed. (Physical Education) Programme for +2 Student in the school of Humanities

Course Code	Title of P.G. course and Subject		Intake	Eligibility criteria for admission	Date & time of Entrance Examination	
398	M.P.Ed.	Physical Education	40	(i) +2 with a minimum of 50% of marks. (ii) Should have represented the District/School and participated in inter district/ inter school tournaments. Competitions in any one of the games or sports. (iii) Should be medically fit. (iv) Physically challenged candidates are not eligible to apply. PHYSICAL EFFICIENCY TEST (MAX -50 Marks): (a) Physical Fitness Test (Maximum -25 Marks) (05 marks for each event)	26.05.2013 2.00 p.m. to 4.00 p.m.	
				Men		Women
				100 meters Shot-put (16 lbs) Broad Jump Vertical Jump 12 minutes run/ walk		100 meters Shot-put (8 lbs) Broad Jump Vertical Jump 8 minutes run/ walk
				(b) Games/Sports/ Proficiency test in any one game (Badminton, Basketball, Cricket, Football, Handball, Hockey, kabaddi, Kho-Kho, Volleyball, Tennis). (25 Marks) Playing ability 15 marks + Representation 10 marks Total=25 Marks. (c) Entrance examination: 50 marks. (objective types)		

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

315	M.A.	History	20	Pass in +2 with a minimum of 50% of marks	25.05.2013 2.00 p.m. to 4.00 p.m.
	M.A.	Political Science	20		
	M.A.	Sociology	20		

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

384	M.Sc.	Mathematics	20	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)	24.05.2013 2.00 p.m. to 4.00 p.m.
	M.Sc.	Computer Science	20		
	M.Sc.	Statistics	20		

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

309	M.Sc.	Economics	30	Pass in +2 with a minimum of 50% of marks and should have studied Mathematics as one of the papers	25.05.2013 10.00 a.m. to 12.00 noon
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● M.Sc. Programmes in Basic Clinical Sciences offered at affiliated Medical Colleges *

501	M.Sc.	Medical Anatomy	18*	Bachelor's degree in Zoology / Genetics / Botany / Biotechnology / Medical Lab Technology or any other branch of Life Sciences including Molecular Biology with a minimum of 55% marks from a recognized University in India. Candidates with MBBS degree recognized by MCI are also eligible to apply.	25.05.2013 2.00 p.m. to 4.00 p.m.
502	M.Sc.	Medical Biochemistry	18*	Bachelor's degree in Chemistry / Biochemistry / Biotechnology / Medical Lab Technology or any other branch of Life Sciences including Molecular Biology with a minimum of 55% marks from a recognized University in India. Candidates with MBBS degree recognized by MCI are also eligible to apply.	24.05.2013 2.00 p.m. to 4.00 p.m.
503	M.Sc.	Medical Microbiology	18*	Bachelor's degree in any branch of Life Sciences, including Molecular Biology / Microbiology / Biotechnology / Botany / Zoology / Medical Lab Technology. Candidates with MBBS degree recognized by MCI are also eligible to apply.	25.05.2013 10.00 a.m. to 12.00 noon
504	M.Sc.	Medical Pharmacology	18*	Bachelor's degree in Chemistry / Pharmacy / Biotechnology / Zoology / Medical Lab Technology or any other branch of Life Sciences including Molecular Biology with a minimum of 55% marks from a recognized University in India. Candidates with MBBS degree recognized by MCI are also eligible to apply.	26.05.2013 10.00 a.m. to 12.00 noon
505	M.Sc.	Medical Physiology	18*	Bachelor's degree in Zoology / Genetics / Botany / Biotechnology / Medical Lab Technology or any other branch of Life Sciences including Molecular Biology with a minimum of 55% marks from a recognized University in India. Candidates with MBBS degree recognized by MCI are also eligible to apply.	26.05.2013 2.00 p.m. to 4.00 p.m.

* (1) Pondicherry Institute of Medical Sciences, (2) Sri Manakula Vinayagar Medical College and Hospital
(3) Sri Venkateswarraa Medical College and Research Center

P.G. DIPLOMA PROGRAMME

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

Course Code	Course	Intake	Eligibility criteria for admission	Date & time of Entrance Examination
482	Food Safety and Quality Assurance in Food Industry	15	M.Sc. in Food Science and Nutrition / Food Science and Technology / Biotechnology/ Microbiology or M.Tech. in Food Technology / Biotechnology with minimum of 55% marks/B.Tech in Food Technology / Biotechnology with at least 2 years of experience in the food industry / B.Tech in Food technology with two year P.G. Diploma in Food Technology	24.05.2013 10.00 a.m. to 12.00 noon

HOW TO APPLY

BY POST

For Application form and Prospectus BY POST, write to The Deputy Registrar (Academic II), Pondicherry University, R. V. Nagar, Kalapet, Puducherry 605 014. along with original bank challan for the prescribed fee and 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... (Course name)".

ONLINE

Application form can be submitted online through the University Website www.pondiuni.edu.in by following the instructions posted therein. They **need not** send any hard copy of their application.

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 Ph.D. programmes. Candidates should ensure that they use correct application form.

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

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 and correct information after going through the prospectus. Incomplete/ false/ wrong information will entail rejection of application. Any claim based on wrong information, wrong course code, centre code, etc. will not be entertained at a later stage.

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.Sc. (Computer Science), 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. Candidates who apply for M.Sc. Computational Biology which is offered at Anna University, Chennai and Pondicherry University should give their order of preference of the University at relevant column of P.G. Application form.

12. Defence personnel who apply for admission (see Chapter "Reservation") as per the MOU should submit the prescribed application (offline only and

not by online) through the respective Headquarters. The application form can be obtained from the respective Headquarters on payment of prescribed application fee.

13. 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. The selection will be based on a common merit list. The candidates will have the option to join either in the University Department or in the Affiliated Institution as per their choice vis-à-vis their position in the merit list, subject to fulfillment of the eligibility and residential conditions. In such cases one application is enough.

14. 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.

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

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

SUBMISSION

Return the filled in application forms by Registered/ Speed Post or in Person to the Deputy Registrar (Academic-II), Dr. B. R. Ambedkar Administrative Building, Pondicherry University, R.Venkataraman Nagar, Kalapet, Puducherry - 605014 so as to reach him on or before **18th April 2013**. 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. **18th April 2013** will be summarily rejected.

HALL TICKET

Candidates must **download & print** the hall ticket from the University website and produce it at the entrance examination centre. The hall tickets will be available on the website about 20 days before the commencement of the Entrance Examination. **The University will not send the hall ticket by post.**

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.

■ Students should have, in general, obtained the Bachelor's degree/ Master's degree from a recognized University under 10+2+3 / 10+2+3+2 system, i.e., the candidate should have studied for 15

years to obtain his/her/ bachelor's degree and 17 years to obtain his/ her Master's degree to apply for admission to P.G. and Ph.D. programmes respectively offered at each School/Department / Centre.

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

■ Unless otherwise specifically stated, candidates should have secured a minimum of 50% of marks in part III (core and allied) of their U.G. degree examination for admission to courses under Humanities and Social 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.

■ 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 2013 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 (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.

ENTRANCE EXAMINATION CENTRES WITH CODES

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

CODE AND CENTRE NAME			
01 Allahabad	10 Hyderabad	19 Mumbai	28 Srinagar
02 Bangalore	11 Karaikal	20 Mysore	29 Tiruchirapalli
03 Bhopal	12 Kochi	21 New Delhi	30 Thiruvananthapuram
04 Bhubaneshwar	13 Kolkatta	22 Patna	31 Vijayawada
05 Chandigarh	14 Kozhikode	23 Port Blair (Andamans)	32 Villupuram
06 Chennai	15 Lucknow	24 Puducherry	33 Vishakapatnam
07 Chidambaram	16 Madurai	25 Pune	
08 Coimbatore	17 Mahe	26 Ranchi	
09 Guwahati	18 Mangalore	27 Shillong	

SELECTION PROCESS

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

The selection to M.Sc Computational Biology which is offered under network teaching programme in collaboration with Anna University, Chennai will be made based on the Common Entrance Examination conducted by Pondicherry University. The allotment of candidates to each University will be made on merit and choice of Institution furnished by the candidate in the application form.

■ 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. 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/ Differently Abled candidates will be 10%

below the cut off marks of the general category candidates.

■ For the purpose of working out the average, only '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 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 Disaster Management offered in Andaman centre should give an undertaking in writing to the University that they join the course at their own risk and shall take an insurance policy to the tune of Rs.5 lakhs.

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

RESERVATION

SC/ST Candidates

In accordance with the policy of the Government of India and the guidelines of the University Grants Commission, the University has reserved 15% of seats in each course for candidates belonging to the Scheduled Castes and 7.5% 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 of admission.

OBC Candidates

The Pondicherry University is implementing 27% reservation for OBC category (Non-Creamy Layer) 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.Sc. Computer Science & M.Com. (Business Finance) which are offered at both Karaikal and Puducherry Campuses the reservation will be as follows:

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

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

Two Students hailing from the Union Territory of Puducherry shall be admitted to M.Sc. Biotechnology programme based on the merit list 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 1-7-2013.

(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.

Admission of Defence Personnel

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

Sl.No.	Name of the Course	No. of Seats
ARMY PERSONNEL		
1.	M.A (South Asian Studies)	10
2.	MBA (All five)	2 each (10)
3.	Ph.D. - All subjects of Social Sciences and Humanities (External / Full time)	Max of 20 per year (subject to a maximum of 2 seats in each Department)
4.	Resident Research Scholars in South Asian Studies (Chairs of Excellence)	Max of five per year
AIR FORCE PERSONNEL		
1	MBA (Business Administration)	4
2	MBA (International Business)	4
3	Ph.D. - All subjects of Social Sciences and Humanities (External / Full time)	5
4	M.A South Asian Studies	5
5	Resident Research Scholars in South Asian Studies (Chairs of Excellence)	5
6	M.Tech (Electronics)	2
7	M.Tech (Computer Science)	2
8	M.Tech (Nano Science and Technology)	2
2) The number of seats to be allotted will be over and above the sanctioned strength in each subject mentioned above.		
3) The defence personnel nominated by the respective Headquarters have to fulfill the minimum eligibility criteria prescribed for various courses.		
4) The nominated defence personnel shall, however, write the Entrance Examination. A separate merit list will be prepared for these seats from amongst the defence candidates.		

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.



FEES

1. The following fees are applicable only to the students admitted to University Departments.
2. The course fees for students admitted to Ph.D. programmes offered at Affiliated Institutions shall be as prescribed by the respective institution.
3. The course fees for Basic Clinical Science courses shall be Rs. 1,25,000/- per year plus the one time fees as determined by the University at the time of admission.

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

Sl. No	Item	Year			Account No.	
			I	II		III*
1.	Research Fee per annum	Humanities	3000	3000	3000	6018625294
		Science	5000	5000	5000	
	For Foreign National (Per annum) SAARC / Developing Countries	Humanities	US \$ 500	US \$ 500	US \$ 500	
		Science	US \$ 1000	US \$ 1000	US \$ 1000	
	Western Countries	Humanities	US \$ 1000	US \$ 1000	US \$ 1000	
		Science	US \$ 2000	US \$ 2000	US \$ 2000	
2.	Registration		500			
3.	Matriculation Fee		100			
4.	Recognition fee		300			
5.	Sports Fund		300	300	300	6018625806
6.	Medical Examination / Facilities Fund		300	300	300	
7.	Library Fund		1000	1000	1000	
8.	Laboratory Fee Science courses having laboratories		10000	10000	10000	
9.	Amenities Development Fund		6000			
10.	Students' Welfare Fund		300	300	300	
11.	Alumni Association Fund		100			
12.	Caution Deposit (Refundable)					
	Science Courses		2000			
	Other Courses		1000			
13.	Advanced Lab Facility Fund (only for Science Departments)		2000	2000	2000	
14.	Group Medical Insurance (for full-time candidates only)		527			845872540
15.	University Development Fund		1000			413264251
	TOTAL Humanities		14427	4900	4900	
	TOTAL Science		29427	18900	18900	

* These fees should be paid every year till the submission thesis.

● Fee Table:2 - Ph.D. Programmes PART-TIME EXTERNAL

Sl.No	Item	Year			Account No.	
			I	II		III*
1.	Research Fee per annum	Humanities	3000	3000	3000	6018625294
		Science	5000	5000	5000	
	For Foreign National SAARC / Developing Countries	Humanities	US \$ 500	US\$ 500	US\$ 500	
		Science	US \$ 1000	US\$ 1000	US\$ 1000	
	Western Countries	Humanities	US \$ 1000	US\$ 1000	US\$ 1000	
		Science	US \$ 2000	US\$ 2000	US\$ 2000	
2.	Registration		500			
3.	Matriculation Fee		100			
4.	Recognition fee		300			
5.	Sports Fund		300	300	300	6018625806
6.	Medical Examination / Facilities Fund		300	300	300	
7.	Library Fund		1000	1000	1000	
8.	Laboratory Fee Science courses having laboratories		10000	10000	10000	
9.	Amenities Development Fund		6000			
10.	Students' Welfare Fund		300	300	300	
11.	Alumni Association Fund		100			
12.	Caution Deposit (Refundable)					
	Science Courses		2000			
	Other Courses		1000			
13.	Advanced Lab Facility Fund (Only for Sci- ence Departments)		2000	2000	2000	
14.	University Development Fund		1000			
	TOTAL Humanities		13900	4900	4900	
	TOTAL Science		28900	18900	18900	

* These fees should be paid every year till the submission thesis.

● Fee Table:3 - All M.A. Programmes (Except M.A. Economics)

Sl. No	Item	Semester				Account No.
		I	II	III	IV	
1.	Tuition Fee	1000	1000	1000	1000	6018625294
	For Foreign National SAARC / Developing Countries	US \$ 300	US \$ 300	US \$ 300	US \$ 300	
	Western Countries	US \$ 500	US \$ 500	US \$ 500	US \$ 500	
2.	Registration	200				
3.	Matriculation Fee	100				
4.	Recognition fee	300				
5.	Sports Fund	300		300		
6.	Medical Examination / Facilities Fund	300		300		
7.	Library Fund	1000		1000		
8.	Computer Lab Fund	2000		2000		
9.	Amenities Development Fund	6000				
10.	Students' Welfare Fund	200		200		
11.	Alumni Association Fund	100				
12.	Caution Deposit (Refundable)	1000				
13.	Placement Activity fund			200		
14.	Academic Activity Fund	400		400		
15.	Field Study/ Tour Fund	1000		1000		
16.	Group Medical Insurance	238				
17.	University Development Fund	1000				
	TOTAL	15138	1000	6400	1000	

● Fee Table: 4 - M.COM & M.A ECONOMICS/ M.P.Ed./ M.Ed./ M.L.I.S./ M.S.W./ M.P.A./ P.G. Diploma Programmes

Sl. No	Item	Semester				Account No.
		I	II	III	IV	
1.				Not applicable to M.Ed./ P.G. Diploma Courses		6018625294
	Tuition Fee	2000	2000	2000	2000	
	For Foreign National SAARC / Developing Countries	US \$ 300	US \$ 300	US \$ 300	US \$ 300	
	Western Countries	US \$ 500	US \$ 500	US \$ 500	US \$ 500	
2.	Registration	200				
3.	Matriculation Fee	100				
4.	Recognition fee	300				
5.	Sports Fund	300		300		
6.	Medical Examination / Facilities Fund	300		300		
7.	Library Fund	1000		1000		
8.	Computer Lab Fund	2000		2000		
9.	Amenities Development Fund	6000				
10.	Students' Welfare Fund	200		200		
11.	Alumni Association Fund	100				
12.	Caution Deposit (Refundable)	1000				
13.	Placement Activity fund			200		
14.	Academic Activity Fund	400		400		
15.	Field Study/ Tour Fund	1000		1000		
16.	Group Medical Insurance	238/117*				
17.	University Development Fund	1000				
	TOTAL (Except M.Ed./ P.G. Diploma courses)	16138	2000	7400	2000	
	TOTAL M.Ed./ P.G. Diploma courses only	16017	2000			

* For M.Ed./ P.G. Diploma Courses only

● **Fee Table: 5 - ALL M.Sc/M.Tech Programmes (Except Five Year Integrated P.G. Programmes)**

Sl. No	Item	I	II	III	IV	Account No.
1.	Tuition Fee	2000	2000	2000	2000	6018625294
	For Foreign National SAARC / Developing Countries	US \$ 300	US \$ 300	US \$ 300	US \$ 300	
	Western Countries	US \$ 500	US \$ 500	US \$ 500	US \$ 500	
2.	Registration	200				
3.	Matriculation Fee	100				
4.	Recognition fee	300				
5.	Sports Fund	300		300		6018625806
6.	Medical Examination / Facilities Fund	300		300		
7.	Library Fund	1000		1000		
8.	Laboratory Fund/Computer Lab Fund/Wet Lab Fund Science courses having laboratories	2000		2000		
9.	Amenities Development Fund	6000				
10.	Students' Welfare Fund	200		200		
11.	Alumni Association Fund	100				
12.	Caution Deposit (Refundable)					
	Science Courses	1000				
	Other Courses	1000				
13.	Advanced Lab Facility Fund	2000		2000		
14.	Placement Activity fund			200		
15.	Academic Activity Fund	400		400		
16.	Field Study/ Tour Fund	1000		1000		
17.	Group Medical Insurance	238				845872540
18.	University Development Fund	1000				413264251
	TOTAL M.Sc/ M.Tech	19138	2000	9400	2000	

● Fee Table: 6 - ALL MBA Programmes

Sl. No	Item	Semester				Account No.
		I	II	III	IV	
1.	Tuition Fee	5000	5000	5000	5000	6018625294
	For Foreign National SAARC / Developing Countries	US \$ 500	US \$ 500	US \$ 500	US \$ 500	
	Western Countries	US \$ 1000	US \$ 1000	US \$ 1000	US \$ 1000	
2.	Registration	200				
3.	Matriculation Fee	100				
4.	Recognition fee	300				
5.	Sports Fund	300		300		
6.	Medical Examination / Facilities Fund	300		300		
7.	Library Fund	1000		1000		
8.	Computer Lab Fund	2000		2000		
9.	Amenities Development Fund	6000				
10.	Students' Welfare Fund	200		200		
11.	Alumni Association Fund	100				
12.	Caution Deposit (Refundable)	2000				
13.	Industry Interface Fund	10000				
14.	Advanced Lab Facility Fund	200		200		
15.	Placement Activity fund			2500		
16.	Academic Activity Fund	10000		10000		
17.	Field Study/ Tour Fund	1000		1000		
18.	Group Medical Insurance	238				845872540
19.	University Development Fund	1000				413264251
	TOTAL	39938	5000	22500	5000	

● Fee Table: 7 - MCA Programme

Sl. No	Item	Semester						Account No.
		I	II	III	IV	V	VI	
1.	Tuition Fee	3000	3000	3000	3000	3000	3000	6018625294
	For Foreign National SAARC / Developing Countries	US \$ 300	US \$ 300	US \$ 300	US \$ 300	US \$ 300	US \$ 300	
	Western Countries	US \$ 500	US \$ 500	US \$ 500	US \$ 500	US \$ 500	US \$ 500	
2.	Registration	200						
3.	Matriculation Fee	100						
4.	Recognition fee	300						
5.	Sports Fund	300		300				
6.	Medical Examination / Facilities Fund	300		300				
7.	Library Fund	1000		1000				
8.	Computer Lab Fund	2000		2000		2000		
9.	Amenities Development Fund	6000						
10.	Students' Welfare Fund	200		200				
11.	Alumni Association Fund	100						
12.	Caution Deposit (Refundable)	2000						
13.	Advanced Lab Facility Fund	400		400		400		
14.	Placement Activity fund					200		
15.	Academic Activity Fund	400		400		400		
16.	Field Study/ Tour Fund	1000		1000		1000		
17.	Group Medical Insurance	333						
18.	University Development Fund	1000						413264251
	TOTAL	18633	3000	8600	3000	7000	3000	

● Fee Table: 8 - ALL FIVE YEAR INTEGRATED P.G Programmes

Sl. No	Item	Semester		
		I	II	III
1.	Tuition Fee	2000	2000	2000
	For Foreign National SAARC / Developing Countries	US \$ 300	US \$ 300	US \$ 300
	Western Countries	US \$ 500	US \$ 500	US \$ 500
2.	Registration	200		
3.	Matriculation Fee	100		
4.	Recognition fee	300		
5.	Sports Fund	300		300
6.	Medical Examination / Facilities Fund	300		300
7.	Library Fund	1000		1000
8.	Laboratory Fund/Computer Lab Fund/Wet Lab Fund Science courses having laboratories	2000		2000
9.	Amenities Development Fund	6000		
10.	Students' Welfare Fund	200		200
11.	Alumni Association Fund	100		
12.	Caution Deposit (Refundable)			
	Science Courses	2000		
	Other Courses	1000		
13.	Advanced Lab Facility Fund (only for Science Departments)	400		400
14.	Placement Activity fund			
15.	Academic Activity Fund	400		400
16.	Field Study/ Tour Fund	1000		1000
17.	Group Medical Insurance	527		
18.	University Development Fund	1000		
	TOTAL (Sciences)	17827	2000	7600
	TOTAL (Humanities)	16827		

Payment of Fees

All the students including 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 differently abled students are exempted from payment of all fees, including examination fees. They should pay only the prescribed refundable caution deposits and Group Medical Insurance premium.

The Account Number in which various kinds of Fees/Funds/Deposits are to be remitted in the Indian Bank Branch at the University Campus is indicated against

each. The facility of online payment will be available shortly. 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 Academic Advisory 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, caution deposits, etc.

Caution deposit 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

FIVE YEAR INTEGRATED P.G COURSE (192 CREDITS) contd...

Semester								Account No.
IV	V	VI	VII	VIII	IX	X		
2000	2000	2000	2000	2000	2000	2000		
US \$ 300	US \$ 300	US \$ 300	US \$ 300	US \$ 300	US \$ 300	US \$ 300		
US \$ 500	US \$ 500	US \$ 500	US \$ 500	US \$ 500	US \$ 500	US \$ 500	6018625294	
	300		300		300			
	300		300		300			
	1000		1000		1000			
	2000		2000		2000			
	200		200		200			
	400		400		400			
					200			
	400		400		400			
	1000		1000		1000			
							845872540	
							413264251	
2000	7600	2000	7600	2000	7800	2000		

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 01.09.2013

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 twenty hostels on the campus at present. Of which thirteen are for boys, six are for girls. Of the thirteen boys' hostels, 9 are for PG courses and four for Research Scholars (with a total capacity of 1685 students). Of the six girls' hostels, five are for PG students and one is for Research Scholars (with a total capacity of 850 students). Due to limited accommodation students from distant places will be given preference on first come first serve basis. Hostel accommodation is not provided to student within 50 km radius of the University.

Foreign Students Hostels

The University has well furnished AC & non AC facilities for the foreign students to stay in C.V.Raman Hostel for boys (50 rooms) and Madame Curie Hostel for girls (50 rooms). The fee structure is different from the general hostel fees.

Hostel Admission

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 students – Rs. 900/- p.a.
- Ph.D – Rs. 1800/- p.a.
- General Amenities Fund – Rs. 700/- 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). Free education including accommodation and food for differently abled students. The differently abled Students have to pay the Mess Fees and then claim for subsidy from the University Hostels.

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

Duration of Stay

PG – 2 years from the date of admission.
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. 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. Hostel mess is compulsory for all hostellers. No permission will be granted for dining outside the respective hostel mess under any circumstances. All the messes, except the research scholar's, have been outsourced. Four well equipped mega messes (two for boys & two for girls) are available for the use of students of the University. 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 at the beginning of each semester in a year i.e. June and January as follows:

	June	January
For Boys (P.G.)	10,800	7,200
For Boys (Ph.D.)	10,800	10,800
For Girls (P.G.)	10,200	6,800
For Girls (Ph.D.)	21,000	12,000
The above rates are subject to revision annually.		

Discipline

All hostel related 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 authority 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. Free Electric wheel chair is provided for physically challenged students at the mess. Wifi connectivity is also provided to all hostels to enable the students to have 24 hours internet access.

CONDUCT & DISCIPLINE

Pondicherry University has zero tolerance to

(a) Ragging

(b) Sexual Harrasment

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.

In the past, 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.



PROGRAMMES A-Z

with page numbers

M.A.

- 115. Anthropology
- 64. Applied Economics
- 103. English & Comparative Literature
- 105. French (Translation & Interpretation)
- 106. Hindi
- 118. History
- 128. Mass Communication
- 108. Philosophy
- 119. Politics and International Relations
- 107. Sanskrit
- 116. Sociology
- 121. South Asian Studies
- 58. Tamil

M.Sc.

- 83. Applied Geology
- 85. Applied Psychology
- 88. Astrophysics
- 90. Biochemistry & Molecular Biology
- 99. Bioinformatics
- 93. Biotechnology
- 81. Chemical Sciences
- 99. Computational Biology
- 135. Computer Sciences
- 137. Computer Sciences (Karaikal)
- 86. Disaster Management
- 95. Ecology & Environmental Sciences
- 128. Electronic Media
- 98. Food Science and Nutrition
- 98. Food Science and Technology
- 97. Marine Biology
- 75. Mathematics
- 92. Microbiology
- 79. Physics
- 77. Quantitative Finance
- 76. Statistics

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

- 83. Applied Geology
- 81. Chemistry
- 135. Computer Science
- 64. Economics
- 118. History
- 75. Mathematics
- 79. Physics
- 119. Political Science
- 116. Sociology
- 76. Statistics
- 109. M.P.Ed.

M.Tech.

- 135. Computer Science & Engineering
- 138. Electronics
- 139. Environmental Engineering & Management
- 83. Exploration Geosciences
- 142. Green Energy Technology
- 144. Nano Sciences & Technology
- 135. Network & Internet Engineering

MBA

- 67. Banking Technology
- 60. Business Administration
- 71. Insurance Management
- 69. International Business
- 65. Tourism

MCA, M.COM., M.ED., MLIS, M.P.ED., MSW, M.P.A.

- 135. Computer Applications
- 137. Computer Applications (Karaikal)
- 112. Drama & Theatre Arts
- 62. Business Finance
- 73. Business Finance (Karaikal)

- 62. Accounting & Taxation
- 132. Library and Information Science
- 124. Master of Education
- 112. Master of Performing Arts (Theatre Arts)
- 109. Physical Education & Sports
- 117. Master of Social Work

Ph.D.

- 125. Adult and Continuing Education
- 115. Anthropology
- 85. Applied Psychology
- 110. Asian Christian Studies
- 67. Banking Technology
- 90. Biochemistry & Molecular Biology
- 99. Bioinformatics
- 93. Biotechnology
- 81. Chemistry
- 62. Commerce
- 73. Commerce (Karaikal)
- 135. Computer Science & Engineering
- 86. Disaster Management
- 112. Drama & Theatre Arts
- 83. Earth Sciences
- 95. Ecology & Environmental Sciences

- 64. Economics
- 124. Education
- 128. Electronic Media
- 138. Electronics Engineering
- 103. English
- 139. Environmental Technology
- 98. Food Science & Nutrition
- 98. Food Science & Technology
- 105. French
- 142. Green Energy Technology
- 106. Hindi

- 118. History
- 69. International Business
- 132. Library & Information Science Management
- 97. Marine Biology
- 128. Mass Communication
- 60. Management
- 71. Management (Karaikal)
- 75. Mathematics
- 92. Microbiology
- 144. Nano Science & Technology
- 108. Philosophy
- 109. Physical Education & Sports
- 79. Physics
- 119. Politics & International Studies
- 107. Sanskrit
- 123. Social Exclusion and Inclusive Policies
- 117. Social Work
- 116. Sociology
- 129. South Asian Studies
- 121. Southern Asia Studies
- 76. Statistics
- 58. Tamil
- 65. Tourism Studies
- 122. Women's Studies

33. P.G. - Ph.D. (Integrated Programmes)**P.G. DIPLOMA**

- 41. Food safety and Quality Assurance in Food Industry

SCHOOLS & DEPARTMENTS/ CENTRES

with page numbers

- 58. Subramania Bharathi School of Tamil Language and Literature**
- 59. School of Management**
60. Department of Management Studies
62. Department of Commerce
64. Department of Economics
65. Department of Tourism Studies
67. Department of Banking Technology
69. Department of International Business
71. Department of Management (Karaikal)
73. Department of Commerce (Karaikal)
- 74. Ramanujan School of Mathematical Sciences**
75. Department of Mathematics
76. Department of Statistics
- 78. School of Physical, Chemical and Applied Sciences**
79. Department of Physics
81. Department of Chemistry
83. Department of Earth Sciences
85. Department of Applied Psychology
86. Department of Disaster Management
- 89. School of Life Sciences**
90. Department of Biochemistry & Molecular Biology
93. Department of Biotechnology
95. Department of Ecology & Environmental Sciences
97. Department of Ocean Studies & Marine Biology
98. Department of Food Science and Technology
99. Centre for Bioinformatics
- 102. School of Humanities**
103. Department of English
105. Department of French
106. Department of Hindi
107. Department of Sanskrit
108. Department of Philosophy
109. Department of Physical Education and Sports
110. Centre for Foreign Languages
110. Escande Chair in Asian Christian Studies
- 111. School of Performing Arts**
112. Department of Performing Arts
- 114. School of Social Sciences and International Studies**
115. Department of Anthropology
116. Department of Sociology
117. Department of Social Work
118. Department of History
119. Department of Politics & International Studies
120. Centre for European Studies
121. UNESCO Madanjeet Singh Institute of South Asia Regional Cooperation (UMISARC) & Centre for South Asian Studies
122. Centre for Women's Studies
123. Centre for Study of Social Exclusion and Inclusive Policy
- 124. School of Education**
125. Centre for Adult and Continuing Education
- 126. School of Medical Sciences**
- 127. School of Media & Communication**
128. Department of Electronic Media & Mass Communication
132. Department of Library & Information Sciences
- 134. School of Engineering & Technology**
135. Department of Computer Science
137. Department of Computer Science (Karaikal)
138. Department of Electronics Engineering
139. Centre for Pollution Control and Environmental Engineering
- 141. Madanjeet School of Green Energy Technologies**
142. Centre for Green Energy Technology
144. Centre for Nano Sciences and Technology
- 146. Add-On courses**
- 149. Placement Cell**
- 150. The Directorate of Physical Education and Sports**
- 151. UGC Academic Staff College**
- 152. Pondicherry University Community College**
- 154. Directorate of Distance Education**

SUBRAMANIA BHARATHI SCHOOL OF TAMIL LANGUAGE AND LITERATURE

Dean: Prof. Dr. R. NALANGILLI

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 betterment of Tamil Language & Literature.

Every year, the School of Tamil is conducting the following Tamil Literature functions for the benefit of the students, scholars as well as faculty members of the School of Tamil.

1. Endowment Lectures : 14
2. Guest Lectures : 10 (each academic year)

3. Students interaction programmes with eminent Tamil scholars from leading Tamil institution.

The School has UGC sponsored Special Assistance Programme (Phase – II) in the following two research areas from 2009-2014.

- (i) “The contribution of Puducherry to the Development of Tamil Literature”.
- (ii) “The Prosody of Tamil Literature through the Ages”

The School has produced more than 100 Ph.Ds. At present 55 scholars are doing research for Ph.D., in the School. 30

Students/Scholars are qualified for UGC-JRF, 07 Students/Scholars are qualified for UGC-NET, 09 students/scholars are qualified for SET, 04 students/scholars are qualified for UGC-RGNF and 1 student/scholar is qualified for CICT for the year 2012.

This School offers facilities for intensive teaching 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

Ph.D. Tamil

Certificate Course in Tamil (Add on)

ENTRANCE EXAMINATION

M.A. The written examination will consist 70% of the Objective Type Questions and 30% of the Descriptive Type of Questions on Tamil language, literature and culture.

Ph.D. The written paper will consist 70% of the Objective Type Questions and 30% of the Descriptive Type of Questions on Tamil language, literature and culture

FACULTY

Professors

A. Arivunambi, Ph.D.

(Madurai Kamaraj University, Madurai)

Specialization: Epics, Ancient Literature, Dramatics and Folklore.

R. Nalangilli, Ph.D. (University of Madras, Chennai)

Specialization: Comparative Literature and Literary Theories.

K. Ilamathy Janakiraman, Ph.D.

(Annamalai University, Chidambaram)

Specialization: Siddha 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 & Diaspora Literature

A. Thirunagalingam, Ph.D.

(Pondicherry University, Puducherry)

Specialization: Folklore, Ancient Tamil Grammar, Marxism and Literature.

Associate Professor

M. Jeeva, Ph.D. (Pondicherry University, Puducherry)

Specialization: Post Modernism, Semiotics, Theatre Arts

Assistant Professor (Senior Scale)

M. Karunanidhi, Ph.D. (University of Madras, Chennai)

Specialization: Folklore and Manuscriptology.

Assistant Professor

B. Ravikumar, Ph.D.

(Pondicherry University, Puducherry)

Specialization: Modern Literature, Literary Criticism & Creative Literature

R. Srividhya, Ph.D.,

(Pondicherry University, Puducherry)

Specialization: Modern Literature, Feminism & Post colonialism.

SCHOOL OF MANAGEMENT

Dean: Dr. R. Prabhakara Raya

Puducherry Campus

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

Karaikal Campus

Department of Management
 Department of Commerce

School of Management (SOM) is one of the 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.Com.(Accounting &Taxation) and Ph.D. Programmes. The Department of Economics offers M.A (Applied Economics), M.Sc. Five Year Integrated Programme in Economics, Ph.D. programmes, the Department of Tourism Studies offer an MBA programme in Tourism and Ph.D. programme, 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. In Karaikal Campus, the Department of Management offers MBA in Insurance Management and Ph.D. programme and the Department of Commerce Offers M.Com (Business Finance) and Ph.D programme.

MAJOR THRUST AREAS OF TEACHING & RESEARCH

School of Management is providing specialized skill based academic environment with focus on teaching and learning in the field of

- General Management

- Functional Areas like Finance/HR/ Marketing/system
- Specialized and Interdisciplinary area like Banking Technology/Tourism/ Insurance and International Business.
- Corporate Accounting, Taxation and Business Finance
- Basic and Applied areas of Economic Theory.

School of Management is Conducting Research at Ph.D level in the following Major fields.

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

INFRA STRUCTURE:

All the departments in School of management are well equipped with Air conditioned classrooms, Wi-Fi environment. All the Departments have well qualified full time core faculty supported by Adjunct/visiting Faculty from Industry. Every Department has a dedicated Computer Lab with domain specific Softwares. The School has a Mini – Auditorium, School Library and a separate Lecture Hall Complex.

School Subscribes to advance databases like CMIE i3 data services, Bloomberg database in addition to E resources, HBR cases, SPSS software, Indian Economy Databases, Capital Line etc.

PLACEMENT FOCUS

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 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 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

The Department of Management Studies has the unique position in the University of establishing the first MBA program of the university in 1986. For the past 27 years it has been catering to the needs of teaching MBA Program, Management Research, Organizational Development and training government officials. It is one of the major departments, fully funded and supported by the University Grants Commission (UGC) and recognized by the All India Council for Technical Education (AICTE) of the Government of India. Department of Management Studies has a sanctioned strength of 138 [which include 118 through CAT Score + 2 Andaman & Nicobar + 18 Foreign] seats for the Academic Year 2013- 14. Its Alumni hold high and coveted positions in industry, Government and Academia in India and abroad.

● PROGRAMMES OF STUDY

M.B.A.
Ph.D.

● ENTRANCE EXAMINATION

Admission Process for DMS-MBA

Department of Management Studies [DMS] is using the CAT 2012 [Common Admission Test, conducted by the IIM Kozhikode, 2012] score for the purpose of short listing candidates for admission into the two-year MBA program.

To apply for the course, you must have appeared for CAT 2012. Applicants should be graduates (10+2+3/4/5 Pattern) with a minimum average of 50% marks in part three in case of arts and science degrees /in applicable years of engineering or other professional degrees in any discipline of recognized universities in India or abroad. Shortlisted candidates based on CAT 2012 scores will be invited for Group Discussion followed by Personal Interview as per Pondicherry University norms.

Admission Process for Doctoral Research [PhD] in DMS

Candidates are admitted for the PhD Programmes as per Pondicherry University norms.

ABOUT THE MBA PROGRAMME IN DMS

The 2 year (4 semesters) full-time master's degree program in Business administration prepares students for a successful professional career in management. While the first year is devoted to foundational course, the second year would enable the student to gain in-depth knowledge of the specialization of their chosen fields.

The course structure of the MBA program comprises of core and elective papers. The core papers equip students with conceptual knowledge in the basic areas of management. The elective papers help students to enhance their application oriented skills in the chosen functional areas of management such as **Finance, Marketing, Human Resource, Systems and Operation**. Guest Lectures by eminent persons from both industry and academia are arranged.

THRUST AREAS OF RESEARCH

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

INFRASTRUCTURE FACILITIES

Department of Management Studies is equipped with Seminar Hall, Class rooms, computer centers along with a central library.

PLACEMENTS

Leading IT/ ITES, Private & Public sector banks/ Indian as well as Multinational corporations continuously visit our department for campus recruitments.

FACULTY

Professors

R. Panneerselvam, Ph.D. (Anna University, Chennai)

Specialization: Management, Systems, Operations Research & Quantitative Techniques

M. Basheer Ahmed Khan, Ph.D. (A.M.U. Aligarh) – (on EOL as Vice-Chancellor, SMK University, Jharkhand)

Specialization: Marketing Management, Marketing Research, Business laws, Management of Environment System & Human Resource Management

R. Prabhakara Raya, Ph.D. (Andhra University, Vizhakatnam)

Specialization: HRM in KBO's, Personal Effectiveness including 3P [Profitability-Productivity-Parenting];

Management System for Rural Empowerment, Decent Work Norms & Alternative Livelihoods & E-Governance Processes.

S. Hariharan, Ph.D. (Bharathidasan University, Trichirapalli) (Deputation to ASC, Pondicherry University)

Specialization: Managerial Finance, Managerial Accounting, Corporate Finance and Strategic Cost Accounting.

T. Nambirajan, Ph.D. (Pondicherry University, Puducherry)

Specialization: Production & Operations Management, Cellular Manufacturing Systems, Supply Chain Management, MIS, E- Commerce, System Analysis & Design, Statistics, DBMS, Total Quality Management & Oracle.

Associate Professors

Chitra Sivasubramanian, Ph.D.

(Madurai Kamaraj University, Madurai)

Specialization: Human Resources Management, Industrial Relations, Organizational Behaviour, Research Methodology, Training & Development, Principles of Management, Retail Management, Strategic Management & Compensation Management.

Uma Chandrasekaran, Ph.D.

(Pondicherry University, Puducherry)

Specialization: Marketing & Brand Management, Consumer Behaviour & CRM and Services Marketing.

B. Charumathi, Ph.D. (University of Madras, Chennai)

Specialization: All areas of Accounting & Financial Management (including sectoral), HRD, Entrepreneurship including Women Entrepreneurship and Project Management, Banking, Marketing of Financial Services & Financial Engineering

S. Victor Anand Kumar, Ph.D.

(Cochin University of Science and Technology)

Specialization: Marketing and Information Systems Management, International Marketing, Internet Marketing, Tourism Marketing & Executive Skills Development.

Readers

R. Kasilingam, Ph.D. (Alagappa University, Karaikudi)

Specialization: Financial Management, Management Accountancy, Working Capital Management, Business Law, Security Analysis & Portfolio Management, Merchant Banking, Investment Management, Valuation Management, Financial Markets, International Finance, Derivatives, Strategic Cost Accountancy, Financial Services.

R. Venkatesakumar, Ph.D. (VIT University, Vellore)

Specialization: Marketing Management, Quantitative Methods, Marketing Research, Research Methodology, Statistics, Operational Research.

Assistant Professors

L. Mothilal, Ph.D. (Osmania University, Hyderabad)

Specialization: Business Environment, Customer Service & Relationship Management, Sales & Distribution Management, Infrastructure Planning, E-Governance, Public Systems Management and Issues in Globalization.

S. Riasudeen, Ph.D. (University of Madras, Chennai)

Specialization: Business Law, Human Resource Management, Group Dynamics, Cross-cultural Management, Compensation Management, Strategic Human Resource Development.

B. Rajeswari, Ph.D.

Specialization: Marketing Management, Operation Management, Strategic Management, Advertising & Sales Promotion, Customer Relationship Management, Total Quality Management.

K. Lavanya Latha, Ph.D.

(Sri Venkateswara University, Tirupati)

Specialization: Marketing & Human Resource Management, Entrepreneurship.

G. Madan Mohan, Ph.D.

Specialization: Financial Management, Corporate Finance, Project Management, Business Law, Managerial Economics, Working Capital Management, Strategic Management.



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 in depth 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 like 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 has introduced another specialized M.Com. (Accounting & Taxation) programme from the academic year 2011-2012. This course is designed to fill the man power requirement having Accounting and Taxation knowledge other than professional courses like Chartered Accountancy and Cost Accountancy in the corporate sector. The Department also offers Ph.D. Programme in the field of Finance, Banking, Marketing and Personnel Management. The Department imparts knowledge through lectures, interactive sessions, case analysis, group discussions on contemporary themes, internship training & project work. Besides, career guidance & counseling, institute-industry interaction programme, application of ICT, industrial/field visits, educational tour and students' participation in academic activities of Universities and other institutions are also arranged.

The Department is supported by UGC under SAP (DRS) to achieve 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 and the team work.

● PROGRAMMES OF STUDY

M.Com. Business Finance

M.Com. Accounting & Taxation

Ph.D. Commerce (Full Time and Part-Time)

PG Diploma in Investment Management (Add-on Course)

● ENTRANCE EXAMINATION

The admission for the course is based on national level entrance examination. The entrance examination for admission to M.Com. (Business Finance) and M.Com. (Accounting & Taxation) Degree programmes consist 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 to Ph.D. Programme is based on the vacancies available with eligible guides and the field of specialization that a scholar wants to pursue. The admission to Ph.D. programme is based on All India Admission Test following an Interview. The written test is of objective type, similar to the JRF NET examination conducted by UGC. JRF qualified candidates are exempted from Entrance examination.

PLACEMENT

The students belonging to this programme find placement in finance divisions of major MNCs like IBM, FORD, TCS, HLL, HCL, Ponds India Ltd., 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, Christ University etc.

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.

Associate Professors

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.

G. Shanmugasundaram, Ph.D. (Pondicherry University)

Specialization: Accounting, Financial Management, Security Analysis, Derivatives Management, Research Methodology

Assistant Professor (Selection Grade)

S. Aravanan, M.Phil. (Pondicherry University)

Specialization: Securities Analysis, Taxation, Accounting, Financial Management & Forex Management, Investment Management, Stock Market Operations.

Assistant Professors

K.B. Nideesh, M.Com. (Calicut University)

Specialization: Taxation, Finance, Political Economy.

P.S. Velmurugan, Ph.D. (Pondicherry University)

PDF (Arkansas State University, USA)

Specialization: International Trade, Credit Insurance, International Financial Management, Financial Markets and Institutions, Multinational Finance, Security Market Operations, International Taxation & Corporate Governance.

S. Shijin, Ph.D. (IIT, Madras)

Specialization: Investment and Portfolio Management, Financial Statement Analysis, Accounting, Statistical Methods for Data Analysis



DEPARTMENT OF ECONOMICS

School of Management

The Department of Economics was established on 15-12-1986 and during the last twenty five years 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, M.Phil's and Ph.D's who are placed in some of the premier Institutions in the Country and elsewhere. Also, the Department has emerged as a Centre for Training officials from Government and Corporate sectors, especially in the area of Econometrics.

● PROGRAMMES OF STUDY

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

● ENTRANCE EXAMINATION

The selections for P.G. 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 Ph.D. entrance tests. For M.Sc., Economics, the question paper is based on Plus Two syllabus in Mathematics and general awareness.

THRUST AREA OF RESEARCH

The thrust areas of research are Macroeconomics, Money and Banking, International Economics, Financial Economics, Applied Econometrics, Public Finance, Gender Studies and Agricultural Economics. Faculty members have published several articles in reputed international journals like Economics Letters; Economic Modelling, Journal of Policy Modeling; Oxford Economic papers; Journal of Asian Economics; Applied Economics Letters; Macroeconomics and Finance in Emerging Economies; Research in International Business and Finance; Singapore Economic review and national journals like Artha Vijnana; 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. The faculty members are also engaged in projects funded by the Ministry of Education, GOI, Government of Puducherry, University Grants Commission, Reserve Bank of India and ICSSR.

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 in Indian civil services.

FACULTY

Professors

M. Ramadass, Ph.D. (University of Madras, Chennai)

Specialization: Agriculture Economics, Health Economics, Economics of Education.

M. Ramachandran, Ph.D.

(University of Hyderabad, Hyderabad)

Specialization: Open Economy Macroeconomics and Applied Econometrics.

P. Muthaiyan, Ph.D. (University of Madras, Chennai)

Specialization: Agriculture Economics, Economics of Education, Regional Economics

Associate Professors

V. Nirmala, Ph.D. (Madurai Kamaraj University, Madurai)

Specialization: Agricultural Economics, Labour Economics and Gender Studies

Readers

Amaresh Samantaraya, Ph.D.

(University of Hyderabad, Hyderabad)

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

Assistant Professors

Yasmeen Sultana, Ph.D. (University of Madras, Chennai)

Specialization: Empowerment of Women and Microfinance

A. Sankaran, Ph.D. (Bharathidasan University, Trichirapalli)

Specialization: Industrial Economics and Public Economics

S. Raja Sethu Durai, Ph.D. (University of Madras, Chennai)

Specialization: Financial Economics, Macroeconomics and Applied Econometrics

R. Lusome, Ph.D. (IIPS Mumbai) *Specialization:* Economic Demography

C. Jerome Samraj, Ph.D. (University of Madras)

Specialization: Environmental Economics

DEPARTMENT OF TOURISM STUDIES

School of Management

The Department of Tourism Studies (DTS) is a pioneering institute of tourism education in India. The two-year full time Master's Degree Program in Tourism Administration 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. The post-graduate program was rechristened as MBA(Tourism). DTS offers at present a two-year full- time MBA(Tourism) Program, Post-Graduate Diploma in Event management(Add-on Course) and Research Program leading to the award of Ph.D. Degree.

DTS is one of the few tourism departments in the country assisted 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 extracurricular 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 DTS 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. DTS is a permanent associate of the Travel Agents Association of India (TAAI) and also an Institutional Member of tourism professional bodies such as Indian Association of Tour Operators (IATO) and South Indian Hotels and Restaurants Association (SIHRA). In due course of time, DTS has successfully created its own image with brand identity across the industry and also earned its reputation by offering highly quality of tourism education with distinct academic pursuits. The Pondicherry University Tourism Studies Alumni Association (PUTSAL) – a registered entity – plays a pro-active role in all the endeavors of DTS

● PROGRAMMES OF STUDY

MBA Tourism
Integrated MBA-Ph.D. in Tourism
Ph.D. (Tourism Studies)
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 Studies: 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 air-conditioned class rooms with Information and Communication Technology (ICT) enabled state-of the-art technology devices, computer lab with travel related software, Wi-Fi facility across the 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 and hostel facilities on campus. Eco and cultural tours are part of the academic program besides workshops, 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 a flagship programme of the Department conceived and organized by the students. The Travel Desk of DTS creates a platform for students to gain practical exposure on the nitty-gritties of travel and tourism operations.

PLACEMENTS

The Department has a track record of excellent placements for its students. The best companies of tour and travel industry such as Thomas Cook, Indian Railway Catering and Tourism Corporation Ltd. (IRCTC, Government of India Enterprise), Makemytrip, Yatra.Com, SOTC, Cox & Kings, Zenith Holidays, Club7 Holidays, Ascon Travels, Akbar Travels, Pricol Travel, Carlson Wagonlit, Marvel Travels, Classic Holidays, STIC Travels, Miles Worth, Foot Prints, Southern Travels, TUI, Sahara Airlines, Orbitz, Kingfisher Airlines, Inorbit Tours Pvt. Ltd., Jet Airways, Kuwait Airways, Le Meridian, Kenyan Airways, Hi-Tours, International Travel House, Indo-Asia Tours, Ramoji Film City, Max New York Life Insurance, Ramoji Film City, ICICI Bank, HDFC bank, Sonata Software, and so on have offered enviable packages to the students of the Department.

FACULTY

Professor

G. Anjaneya Swamy, Ph.D.

(Andhra University, Vishakhapatnam)

Specialization: General Management, Entrepreneurship Development and Service Marketing.

(Deputation to DDE, Pondicherry University)

Associate Professor

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

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

Readers

Sampad Kumar Swain, Ph.D. (Utkal University) (on EOL)

Specialization: Airlines and Travel Management and Ecotourism, Sustainable Tourism, Travel Agency Operations

Assistant Professors

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

Specialization: Eco-tourism, Accounting for Tourism, Tourism Geography and Tourism Planning.

Anu Chandran, M.Phil. (Kerala University)

Specialization: Destination Marketing, Cultural Tourism and Travel Journalism.

Sibi George, M.Phil. (Madurai Kamaraj University)

Specialization: Airline Management, Hospitality Management and Tourism Product Development and Management.

Sherry Abraham, Ph.D. (Bharathidasan University)

Specialization: Hospitality Management, Eco-tourism and Event Management.



DEPARTMENT OF BANKING TECHNOLOGY

School of Management

The Department of Banking Technology came into existence to offer a specialized M.B.A programme in Banking Technology from the academic year 2005 -06. The UGC has sanctioned this programme under its Innovative/Interdisciplinary scheme during 10th plan. Now the Department has been admitted for regular UGC funding with 9 Faculty Members and state-of-art Computer Lab facility.

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 sector, Data warehousing, Information security, E-commerce, IT Infrastructure Management, Information System Audit, Business Intelligence, 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 Public / Foreign Banks. A month long internship in public Sector Banker during 1st year winter and a month long training on stock and Forex trading are special features of this programme.

Ph.D. Banking Technology

The Department of Banking Technology has initiated the Doctoral Programme in an inter-disciplinary area of Computer Sciences & Engineering and Management, focusing on IT Research in the field of Banking and Finance (BFSI) Industry. This Programme is open to both Management (MBA), Engineering (M Tech – Computer Science / I T) & MCA & M.Sc. Computer Science, streams of Students.

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 ■ Cyber Crimes

● 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 at different metropolitan cities all over India during last week of May / June. Short-listed candidates for the MBA Programme have to face a Group Discussion and Personal Interview at Puducherry. 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. There may be a Group Discussion and Personal Interview for shortlisted candidates in Written Test. 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. Short listed candidates will be called to make a Presentation before the Admission Committee on the proposed area of research, publications made, conference papers presented, etc

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

NETWORKING:

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

SOFTWARE:

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

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.
- Internships in Commercial Banks
- Live Stock and Forex Trading Sessions
- Winter / Summer Project works in Industry

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 including RBI 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, Reserve Bank of India, Bank of America, Royal Bank of Scotland, Ramco Infotech, IDBI, LVB, ICICI Bank, Cholamandalam Finance, IndusInd Bank, Bank of Maharashtra etc. In addition, the students undergo summer project training placement in reputed companies.

FACULTY

Professor

K. Chandra Sekhara Rao, Ph.D. (Nagarjuna University)
Specialization: Financial Management, Security Analysis & Portfolio Management, Derivatives Management and Global Financial Markets & International Banking.

Associate Professor:

V. Prasanna Venkatesan, Ph.D. (Pondicherry University)
Specialization: Software Architecture, Object-Oriented Systems, Multilingual-based systems, Programming Languages, Banking Technology Management.

Readers:

R. Sankaranarayanan, Ph.D. (Gandhigram Rural Institute)
Specialization: Banking & Finance, Bank Management, Forex Management, Risk Management.

S. Sudalaimuthu, Ph.D. (Bharathiyar University)
Specialization: Corporate Finance, Financial Services, Financial Information Systems, Logistics Management, Bank Management, Mobile Banking.

V. Mariappan, Ph.D. (Madurai Kamaraj) Banking, Strategic
Specialization: Banking, Strategic Finance, Managerial Economics, Cyber Crimes, Financial Reporting, Marketing Strategies.

Assistant Professors:

A. Balakrishnan, Ph.D. (Delhi University)
Specialization: Finance & Accounting, Security Analysis & Portfolio Management, Treasury and Derivatives Management.

C. P. Abdul Gafoor, M.Com (Calicut)
Specialization: Indian Banking, Management Strategy, Foreign Exchange Management.

S. Janakiraman, Ph.D. (Anna University),
Specialization: Data Warehousing and Data Mining, Information Security, Information Systems Audit.

A. Suganthy, M. Tech (Pondicherry University),
Specialization: Information Security, Project Management, Financial Information System.

DEPARTMENT OF INTERNATIONAL BUSINESS

School of Management

The process of globalization has enabled India to emerge as economic super power and it is attracting investments from giant global business players of multi-nations. At the same time, a sizable number of Indian MNCs are also gearing up their international business operations across the world. It is in this emerging and transforming scenario, 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
P.G. Diploma in Foreign Trade (Add on)

● ENTRANCE EXAMINATION

MBA: 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.

Admission to Ph.D. programme in International Business shall be based on the field of specialization and the vacancies available with eligible guides in the Department. The selection procedure is based on the Entrance Test covering all the functional areas of Management at the MBA level. The short listed candidates in the written test will be called for an Interview at Pondicherry University.

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 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.

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

Associate Professor

P. Sridharan, Ph.D. (Pondicherry University)

Specialization: International Finance, Banking, Insurance.

Readers

Bushan D. Sudhakar, Ph.D.

Specialization: International Marketing, Business communication & Negotiation, Advertising and Branding

Y. Srinivasulu, Ph.D.

Specialization: Marketing Management, Services Marketing, Brand Management, Industrial Marketing

M. Banumathi, Ph.D.

Specialization: Strategic Management, Green Marketing, International Trade, International Economics

Assistant professors

Rajeesh Viswanath, Ph.D.

Specialization: Organisational Behaviour, Cross Cultural Management, Human Resource Management

S. Thiyagarajan, Ph.D. (University of Madras, Chennai)

Specialization: Quantitative Techniques, Operations Research, Advertising

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

Specialization: International Trade & Logistics, International Advertisement & Research, Human Resource Management



DEPARTMENT OF MANAGEMENT (KARAIKAL CAMPUS)

School of Management

The Department of Management, offering a sectoral M.B.A. programme in Insurance Management, was started at Karaikal Campus in the academic year 2009-10 with an objective of promoting specialized Management education in the high growth insurance service sector.

The department is committed to the development of youth as managers and capable citizens for occupying key positions in the corporate organizations in India and abroad specifically in the insured, insuring and insurance verticals in the consultancy field. With a commitment to the promotion of knowledge and development of youth, the department pursues the following goals:

- To establish a centre of knowledge creation in the insurance field and dissemination with the active involvement of students, teachers, researchers, consultants and corporate managers.
- To design and offer programmes for youth to become competent managers as well as entrepreneurs in the field of their choice.
- To promote research and disseminate knowledge in the insurance industry through research programmes, seminars, workshops, etc.
- To strengthen industry-institute interface through association, consultancy and participation in skill development programmes.

● PROGRAMMES OF STUDY

M.B.A. (Insurance Management)
Ph.D. Management

● ENTRANCE EXAMINATION

Candidates are admitted for both MBA in Insurance Management and Ph.D. in Management Programmes based on an All India level Entrance Examination conducted by the Pondicherry 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, Quantitative Aptitude, Basics of Computers, Business and General Awareness.

Entrance test for Ph.D. Programme consists of objective type questions from all the subjects at general MBA level.

HIGHLIGHTS OF THE CURRICULUM

The course curriculum of MBA Insurance Management consists of various sub-disciplines of insurance including Life Insurance, General Insurance, Marine Insurance, Fire Insurance, Motor Insurance, Risk Management and Insurance, Business interruption Insurance, Health Insurance, Actuarial Science, etc. In addition to these courses, functional management courses like marketing, finance and HRM are also being offered. Also, to facilitate the students to get placements in banking sector one paper on Bank and Risk Management is included. The course curriculum contains computer labs and soft skill and personality development too. Further, the Department encourages and facilitates students to appear for the professional certificate examinations related to insurance sector conducted by Insurance Regulatory Development Authority (IRDA), Insurance Institute of India (III), Chartered Insurance Institute (CII, UK), Life Office Management Association (LOMA, USA), Life Insurance Marketing and Research Association (LIMRA, USA), etc., which makes the student a hot cake in the insurance industry during campus placements itself.

INFRASTRUCTURE FACILITIES

- Well equipped library with good number of books and journals related to various disciplines of management and insurance.
- Centralized computer lab with internet facility.
- Remote accessing facility of all library resources from Ananda Rangapillai Library of Pondicherry University main campus.
- State-of-the art conference hall with Video-conferencing facility.
- Separate hostels for boys, girls and research scholars.
- Free transportation facility from hostels to campus.

PLACEMENTS

This sectoral MBA programme in Insurance Management, with a career focused curriculum fulfilling the industry requirements has been enticing the employers in insurance sector and insurance verticals of consultancy companies as well. The Department has been achieving 100 % placements every year in different life insurance, general insurance, consultancy firms, banks and insurance broking firms. Some of the prominent companies in the insurance industry where the students are placed so far with an attractive pay package include, TATA AIG General Insurance, IFFCO-TOKIO General Insurance, Max New York Life, Bharti AXA, ICICI Lombard, Birla Sun Life, Bajaj Allianz, Royal Sundaram General Insurance, Cholamandalam MS General, Total Insurance Solutions, Willis Insurance Brokers, Zeal Insurance Brokers, etc.

FACULTY

Professor

Lalitha Ramakrishnan, Ph.D.

(Sri Venkateswara University, Tirupati)

Specialization: Marketing Management, Strategic Management, Gender issues in Business.

Associate Professor

M. Dharmalingam, Ph.D.

(University of Madras, Chennai)

Specialization: Quantitative Finance, Actuarial Science, Econometrics and Resource Management Techniques.

Reader

S. A. Senthil Kumar, Ph.D.

(Bharathiar University, Coimbatore)

Specialization: Insurance Management, Human Resource Management, Services Marketing and Operations Research.

Assistant Professors

D.H. Malini, Ph.D.

(Sri Krishnadevaraya University, Anantapur)

Specialization: Risk Management, Marketing Management, Quantitative Techniques, Motor Insurance and Services Marketing.

Byram Anand, Ph.D.

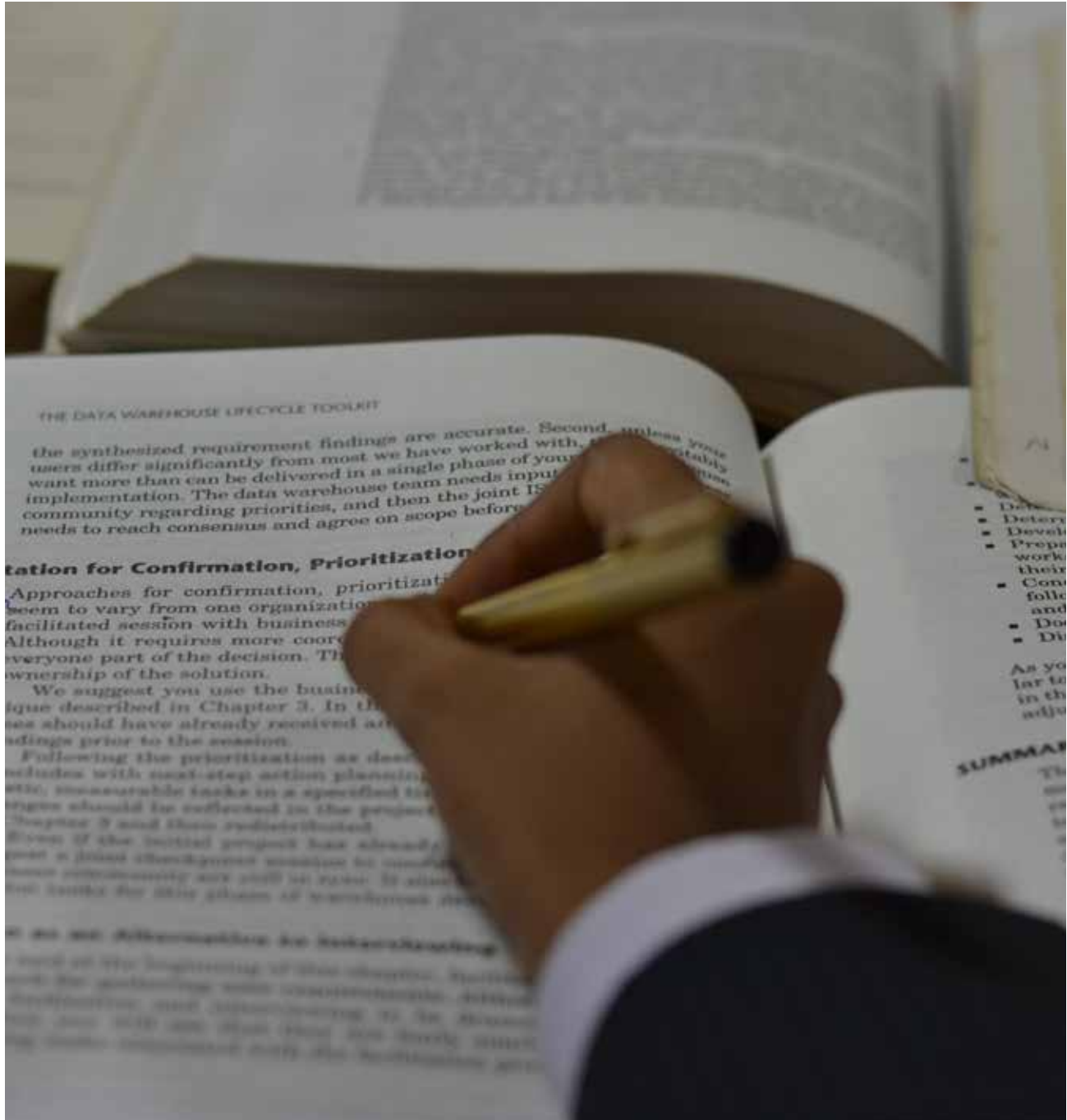
(Kakatiya University, Warangal)

Specialization: Accounting for Managers, Insurance Law, Services Marketing, International Business and Business Process Reengineering.

C. Madhavaiah, Ph.D.

(Sri Venkateswara University, Tirupati)

Specialization: Quantitative Marketing, Marketing Research, Services Marketing, Customer Relationship Management, Product and Brand Management, Sales and Distribution Management, Rural Marketing, Life Insurance and Insurance Salesmanship.



DEPARTMENT OF COMMERCE (KARAIKAL CAMPUS)

School of Management

The Department of Commerce, Karaikal Campus, Pondicherry University was established in the year 2007-08 at Karaikal involved 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 Department offers Master of Commerce in Business Finance and Doctor of Philosophy in Commerce (Full Time and Part time)

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

The Department inculcates knowledge through lectures, interactive sessions, case analysis, group discussions on contemporary themes, internship training & project work, career guidance & counseling, soft skills for employability quotient, institute-industry interaction programme, application of ICT, industrial/field visits, educational tour and students' participation in academic activities of Universities and other institutions. Guidance for UGC NET/SET aspirants and alumni meet are also other features of the department.

● PROGRAMMES OF STUDY

M.Com (Business Finance)
Ph.D. (Commerce)

● ENTRANCE EXAMINATION

Admission will be based on the combined entrance examination conducted by the University for Puducherry and Karaikal Campus for both Ph.D programme and M.Com (Business Finance).

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

Associate Professor

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

S. Amilan Ph.D. (Alagappa University, Karaikudi)
Specialization: International Finance, Portfolio Management, Quantitative Techniques & Financial Econometrics, International Business & Marketing.

Assistant Professors

V. Arulmurugan M.Phil (Pondicherry University, Puducherry)

Specialization: Banking, International Finance, Capital Market & Financial Counseling, Commerce Science, Logistics, Global Marketing & Corporate Technology, Business Research & Analytics.

Sheena Ph.D. (University of Calicut, Calicut) – on EOL
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.

RAMANUJAN SCHOOL OF MATHEMATICAL SCIENCES

Dean: V. INDUMATHI

Department of Mathematics
Department of Statistics

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 20, making a total of 60 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 75 questions in Mathematics of objective type at higher secondary level (i.e. Plus 2 programme) and 25 questions in Basic statistics at higher secondary level (i.e. Plus 2 programme) including the topics Measures of Central tendency, Measures of dispersion, Probability, Conditional Probability, Random variable- Binomial, Poisson and Normal Distributions.

PLACEMENT:

The Placement Officer of the University organizes campus interviews every year for the fifth year students of the 5 year integrated M.Sc Programme.

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 Commission'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. Mathematics (Five year Integrated Course)
Integrated M.Sc. - Ph.D. in Mathematics
Ph.D. Mathematics
 (Full-time, Part-time (Internal & External))

ENTRANCE EXAMINATION

The question paper for admission to M.Sc. Mathematics will comprise of 100 objective type questions at the B.Sc. level.
 For admission to Ph.D. there will be 100 questions of objective type at the M.Sc. level.

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. 3 lakhs for procuring books and journals for the library. The Department of Science and Technology provides a grant of Rs.4 lakhs per annum for purchase of books under FIST.

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

Professors

A. M. S. Ramasamy, Ph.D. (I.I.T, Kanpur)

Specialization: Number Theory

V. Indumathi, Ph.D. (University of Madras, Chennai)

Specialization: Abstract Approximation Theory, Geometry of Banach Spaces

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

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

Specialization: Hydrodynamics Stability

Associate Professor

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

Specialization: Commutative Algebra

Reader

Rajeswari Seshadri, Ph.D. (I.I.T, Bangalore)

Specialization: Numerical Analysis

S. R. Kannan, Ph.D. (I.I.T, Chennai)

Specialization: Fuzzy Clustering

Assistant Professor

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

Specialization: Combinational Representation Theory

Syeda Noor Fathima, Ph.D. (Mysore University, Mysore)

Specialization: Number Theory

S. Francia Raj, Ph.D. (SASTRA University, Thanjavur)

Specialization: Graph Theory.

M. Subramania Pillai, Ph.D.

(Hyderabad Central University, Hyderabad)

Specialization: Topology

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), Ph.D. (Statistics) programs and also a Post Graduate Diploma in Statistical and Research Methods. 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 also provides first hand practical experience in handling modern statistical software in the analysis of such data. In the present scenario, it is rather impossible, even to think of any field which does not employ modern statistical tools to arrive at rational conclusions from research studies and a statistician is always an indispensable part of any research team carrying out any research investigation.

The Department is supported for development of infrastructure by the Department of Science and Technology (DST), Government of India under FIST program. The faculty members are actively engaged in research and published papers in National and International journals. Besides, extramural funds to the tune of Rupees Thirty Six lakhs were generated by the faculty members through the various research projects funded by UGC/DST.

PROGRAMMES OF STUDY

M.Sc. Statistics

M.Sc. Statistics (Five year Integrated)

Ph.D. Programme in Statistics
(Full-time and Part-time)

P.G. Diploma in Statistical and Research Methods(Add on Course)

ENTRANCE EXAMINATION

The question paper from the Entrance Examination for admission to the M.Sc. Statistics Course will consist of 100 objective questions with the following break up.

Statistics

Descriptive Statistics, Probability, Distribution, Statistical Inference, Design of Experiments, Quality Control, Sampling Theory, Applied Statistics and Official Statistics at B.Sc. Main level. *No. of questions - 60*

Mathematics

Algebra, Sequence and Series, Matrices, Determinants, Differential Calculus and Integral Calculus at the B.Sc. Allied level. *No. of questions - 25*

Computer Science

Basics of C, C++ and MS – Excel. *No. of questions - 15*

The question paper for the entrance examination for admission to the Ph.D program will also consist of 100 objective type questions in the following topics: Matrix Theory, Distribution theory, Probability theory, Statistical Inference, Multivariate Analysis, Statistical Quality Control, Operations Research, Demography, Design of Experiments, Sampling Theory, Stochastic Process, Linear Models, Regression Analysis and Statistical software (SPSS and MS-Excel).

INFRASTRUCTURE FACILITIES

The Department of Statistics has new premises constructed exclusively for the Statistics department with facilities like Seminar Hall, Computing Laboratory and Classrooms with LCD projectors. There are fifty terminals in the computing laboratory with high end configuration that support standard statistical software like IBM SPSS 19.0, SYSTAT 13, MINITAB 16 and Open source software. Students will have ample opportunities to get them fully trained in the use of these software that will help them in immediate placement after

completion of the course. The course curriculum includes a blend of theoretical and applied papers.

During the last five years, Statistics books (both text book and reference book) worth more than 20 lakhs have been added to the central library in addition to e-resources and e-journals.

The recently updated syllabus for the M.Sc course provides ample opportunities for the students to select job oriented Elective subjects according to their preferences. Since the updated syllabus includes UGC-CSIR NET examination contents, the students will be benefitted in taking NET examination and other competitive examination for the All India services.

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 companies in the private sector.

FACULTY

Professors

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

Associate Professors

J. Subramani, Ph.D. (University of Madras, Chennai)
Specialization: Design of Experiments, Sampling Theory

P. Tirupathi Rao, Ph.D. (Andhra University, Waltair)
Specialization: Stochastic Modelling, Statistical Computing and Optimization Techniques.

Assistant Professors

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

Navin Chandra, Ph.D. (Banaras Hindu University)
Specialization: Reliability Theory

Sudesh Pundir, Ph.D. (Punjab University)
Specialization: Applied Statistics

R. Vishnu Vardhan, Ph.D. (Sri Venkateswara University)
Specialization: Biostatistics, Statistical Computing

V. S. Vaidyanathan, Ph.D. (University of Madras, Chennai)
Specialization: Data Mining, Regression Analysis

Masters Degree in Quantitative Finance

Masters Degree in Quantitative Finance is a specialized course jointly offered by the Ramanujan School of Mathematical Sciences and School of Management. UGC has sanctioned this course under its “Innovative Programme – Teaching and Research in Interdisciplinary and Emerging areas” scheme. The primary focus of this course is to develop manpower with “knowhow” and “knowwhy” skills regarding applications of Statistics and Mathematics related to finance. It aims to train students on the fundamental disciplines of Mathematics, Statistics, Econometrics, Computer Science and Finance. It also provides the necessary analytical tools to solve practical problems in the complex and rapidly evolving world of financial industry.

MAJOR HIGHLIGHTS OF THE CURRICULUM:

The subjects offered under this programme is a blend of General Management, Investment Banking, Portfolio, derivatives and risk management, International Finance along with advanced Statistics, Mathematics and Information Technology that enables to build models and analyze the financial positions of corporations. Four streams of electives with eight specialization papers in Stock and Commodity Market, Treasury and derivatives, Investment and wealth management and corporate and micro finance are offered during third semester.

Candidates are admitted for M.Sc Quantitative Finance programme based on an All India level entrance examination conducted by the University. The entrance test is similar to that of any standard All India Management Admission (on lines of GMAT/GRE) with objective type questions in General English, Reasoning, Problem Solving and decision making, Basics of Computer Science, General Engineering and Contemporary Business Issues.

TEACHING LEARNING PROCESS:

- P^3 - Intuitive, Interactive and Innovative
- Intuitive: Class Room Lectures by professors and Adjunct/ Visiting faculty from Industries.
- Interactive : computer labs, Internships, workshops and case studies
- Innovative: Live Projects, Village, Industry and Activity Based Learning.

UNIQUE FEATURES:

- Village and Industry Camp
- Computer Lab based Subjects
- Field Study based Assignments
- Learning through Experience

CAREERS

After completion of this programme, students will be capable of taking positions with financial institutions like investment banking, wealth management companies, securities trading, corporations and government regulatory organizations like Reserve Bank of India, Securities and Exchange Board of India, Insurance Regulatory and Development Authority. Careers include Financial engineers in model identifying and risk compliance; analysts in portfolio credit risk, market risk, investment banking and audit, asset mix and portfolio managers and a range of positions requiring advanced understanding of quantitative finance like financial model building.

FACULTY

Prof. P. Dhanavanthan, Professor and Head, Department of Statistics, Ramanujam School of Mathematical Science, Pondicherry University, Puducherry.

(QUANTITATIVE FINANCE)

Dr. D. Lazar, Associate Professor, Department of Commerce, School of Management, Pondicherry University, Puducherry.

SCHOOL OF PHYSICAL, CHEMICAL AND APPLIED SCIENCES

Dean: Prof. N. Satyanarayana

Department of Physics
Department of Chemistry
Department of Earth Sciences
Department of Applied Psychology
Department of Disaster Management
Department of Astrophysics
Central Instrumentation Facility
Central Maintenance Workshop

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), Ph.D. programmes, Integrated P.G. - Ph.D. programme in Physics, Chemistry & Applied Psychology. 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), UVVIS-NIR Spectrophotometer (Cary 5000), Scanning Electron Microscope with Energy Dispersive X-ray (SEMEDX) Analyzer Nuclear Magnetic Resonance Spectrometer (400 MHz;

Bruker, Germany) gamma ray chamber, EPMA etc. that are recently acquired in the Central Instrumentation Facility (CIF). Some of the advanced research equipment like IRMS, PPMS, HRTEM, etc are under process of procurement in CIF. 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 equipment 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 Programmes. The faculty members have obtained major research grants exceeding Rs 10.0 crores from different funding agencies such as DST, AICTE, UGC, IFCPAR, NBHM, DRDO, DAE, INSA and CSIR, Government of India. The research activities have resulted in publication of more than 570 research papers in peer-reviewed journals including 9 patents. The average citation index is around 10. The members of the faculty are accorded with several national, international awards, fellowships and members in the National Committees, referees of many national and international journals. Our faculty members are involved in collaborative national and international research projects with leading scientists and laboratories.

PROGRAMMES OF STUDY

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

M.Sc. Physics (5 year Integrated)

Integrated M.Sc. - Ph.D. in Physics

Ph.D. Physics (Full-time)

ENTRANCE EXAMINATION

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

ADMISSION

Admission to the above programmes is through a national level entrance examination. The CSIR-UGC JRF qualified candidates will be given direct admission to Ph.D. programmes.

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 are periodically organized by involving eminent Indian and foreign scientists and students.

Department conducted several national level seminars / workshops and many DST-PAC meetings to encourage research activities in the University.

AREAS OF RESEARCH

- Solid State Ionics & Battery
- Magnetism & Magnetic Materials
- Nanomaterials
- Laser Dynamics, Nonlinear Optics and Solitons
- Computational Biophysics and Statistical Mechanics
- Quantum Mechanics and Field Theory
- Spintronics, Multiferroics and Photovoltaics
- Atomic Physics
- Plasma Physics
- Hydrogen Storage Materials
- Quantum Information Science

INFRASTRUCTURE FACILITIES

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

FACULTY

Professors

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

Specialization: Solid State Ionics and Batteries, Nanomaterials.

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

Specialization: Impedance /Dielectric Spectroscopy, Solid State Ionics.

K. Porsezian, Ph.D.

(Bharathidasan University, Tiruchirapalli)

Specialization: Nonlinear Dynamics, Nonlinear fiber optics, Solitons.

G. Chandrasekaran, Ph.D.

(Annamalai University, Annamalai Nagar)

Specialization: Magnetism and Magnetic materials.

R. Murugan, Ph.D. (Pondicherry University, Puducherry)

Specialization: Solid State Ionics and Lithium Batteries, Dielectric Nanomaterials.

Associate Professors

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: Fluid dynamics, Computational Physics, Hydrogen Storage Materials.

Assistant Professors

S. V. M. Satyanarayana, Ph.D.

(University of Madras / IGCAR, Kalpakkam)

Specialization: Computational Biophysics, Statistical Mechanics, Nonlinear Dynamics, Quantum Information Science.

A. Ramesh Naidu, Ph.D.

(University of Hyderabad, Hyderabad)

Specialization: Cognitive Science, Condensed Matter Physics.

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

Specialization: Lasers, Experimental nonlinear Optics.

Rabindra Nath Bhowmik Ph.D. (Jadavpur University / Saha Institute of Nuclear Physics, Kolkotta)

Specialization: Magnetism and Magneto-transport phenomena.

B. Muthukumar, Ph.D.

(Saha Institute of Nuclear Physics, Kolkata)

Specialization: Quantum mechanics and field theory on non-commutative spaces.

Suraj Kumar Sinha, Ph.D.

(Institute for Plasma Research, Gandhinagar)

Specialization: Plasma physics.

Gangineni Ramesh Babu, Ph.D.

(Technical University/ IFW, Dresden, Germany)

Specialization: Spintronics, Multiferroics and Photovoltaics

D. Bharathi Mohan, Ph.D.

(University of Hyderabad, Hyderabad)

Specialization: Superionic Conductors, Nanocomposite Coatings, Flexible Displays, Photovoltaics.

K.V.P. Lata, Ph.D. (Magalore University / Indian Institute of Astrophysics, Bangalore)

Specialization: Atomic Physics: Ab-initio electronic structure calculations; Mesoscopic Physics

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



DEPARTMENT OF CHEMISTRY

School of Physical, Chemical and Applied Sciences

The Department of Chemistry, started in the year 1987, offers 2 years M.Sc.(Chemical Sciences), 5 years Integrated M.Sc. (Chemistry), and Ph.D.(Chemistry) programs. The department has a continuous excellent track-record from the date of commencement. The department admits PG/Ph.D students of higher merit from National level test. UGC-CSIR NET/GATE. A number of PG students use to qualify CSIR JRF/UFC JRF/Lectureship and GATE examinations. 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 conferences/workshops to present the results of their research work. Periodically experts from various parts of the country and world visit our department and interact with the faculty/students through seminars. A good number of Ph.D scholars and PG students are benefitted from the department. The department is normally supported by the Department of Science Technology, Govt. of India through FIST program and by the University Grants Commission through SAP(DRS) program to achieve the academic potentials.

● PROGRAMMES OF STUDY

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

● ENTRANCE EXAMINATION

M.Sc. Chemistry – (Five-year Integrated): The selection is based on Entrance Test comprising of 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 Chemistry, Mathematics and Physics at +2 level.

M.Sc. Chemical Sciences (2 years): The selection is based on Entrance Test comprising of 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.

Ph.D. Chemistry (Full-Time, Part-Time (Internal)): 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 applying with JRF/SRF etc. from National funding agencies, are exempted from taking written examination. Candidates applying to the fields of Physical Chemistry / Photochemistry / Materials Science should have studied maths at +2 level and of Theoretical Chemistry should have studied allied maths 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, Atomic Absorption Spectrometer, C/H/N/S analyzer, UV-Vis spectrometer, Silicon graphics to conduct research in areas: Nanomaterials, Physical Chemistry, Solid-State Chemistry, Magnetic Resonance, Organic Synthesis, Nanomaterial Photocatalysis, Inorganic photochemistry, Organometallic Chemistry, Porphyrin Chemistry, Green Chemistry, Supramolecular Chemistry, Bio-inorganic chemistry, Theoretical Chemistry and Drug Design. The department has excellent computational facility and computer networking for intra and internet. Other sophisticated instruments such as ESI-MS, XPS, AFM, HR-TEM, EPR(Q-band), etc. will be added to either the department or centralized facility very shortly. All the faculty members have individual laboratories with good research facilities 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 research scholars and students. The department also conducts national seminars and DST-PAC meetings to strengthen the research activities.

PLACEMENTS

Outgoing Ph.D., 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. The Research scholars after successful completion of Ph.D.. get Post-doctoral position in renowned Universities/Institute in USA, Canada, Japan and European

countries and some obtain faculty positions in colleges/universities. Some of the M.Sc. students qualify TOEFL and GRE and get admissions in USA, Canada and European Universities for Ph.D. programs.

ONGOING RESEARCH PROJECTS

Research programs of the individual faculties are supported by national funding agencies such as DST, CSIR, UGC, AICTE etc. for about Rs.270 lakh and also the Department is supported (around Rs. 250 lakh) 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.

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).

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

Specialization: Nanomaterial Photocatalysis, Development of Nanosized Ferromagnetic materials, Reaction Modelling by Correlation Analysis, Surface Adsorption Dynamics.

K. Tharanikkarasu, Ph.D. (University of Madras, Chennai)

Specialization: Polymer synthesis using Controlled Radical Polymerization and Anionic Polymerization, Fuel Cell Membrane, Nanocomposite, Polymeric Solar Cells, Organic Semiconductor, OLED and PLED.

Associate Professors

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

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

G. Vasuki, Ph.D. (Madurai Kamaraj University, Madurai)

Specialization: Green chemistry, Stereo selective Synthesis and Chemistry Education(Constructivist Learning).

C. Sivasankar, Ph.D. (IISc, Bangalore)

Specialization: Homogeneous Catalysis, Organometallics, Bioinorganic and Computational Chemistry.

M. Bakthadoss, Ph.D. (University of Hyderabad)

Specialization: Stereo Selective Organic Synthesis, Heterocyclic Chemistry, Green Chemistry, Asymmetric Synthesis.

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

Specialization: Organometallics, Nanoscale Materials and Supramolecular Chemistry.

Assistant Professors

C. R. Ramanathan, Ph.D.

(University of Hyderabad, Hyderabad)

Specialization: Asymmetric synthesis, Drug design and discovery.

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

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

M. M. Balakrishnarajan, Ph.D.

(Bharathidasan University, Tiruchirapalli)

Specialization: Chemical Information Sciences.

R. Padmanabhan, Ph.D.

(University of Hyderabad, Hyderabad)

Specialization: Quantum Dynamics, Excitation energy transfer.

Binoy Krishna Saha, Ph.D.

(University of Hyderabad, Hyderabad)

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

S. Sabiah, Ph.D. (IIT-Madras, Chennai)

Specialization: Bio-inorganic chemistry and Metal-carbene Chemistry.

Toka Swu, Ph.D. (Nagaland University, Lumami)

Specialization: Material Science, Coordination Chemistry.



DEPARTMENT OF EARTH SCIENCES

School of Physical, Chemical and Applied Sciences

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

● PROGRAMMES OF STUDY

M.Sc. Applied Geology (2 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, skills to apply this knowledge to solve problems of global and national importance. Curriculum includes theory courses offered by experienced faculty, practical courses with world class laboratory facilities, intensive field training at the best locations in the country, and a project work supported by sophisticated equipment.

M. Tech. Exploration Geosciences (2 Years)

This post-M.Sc. course was 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 course designed to develop research orientation, and supervised research work in conventional, as well as, emerging areas of geosciences. State of the art research facilities, including XRD, ICP-AES, ICP-MS, TIMS, IRMS, optical microscopes and heating – freezing stage are available in the department. Additionally, XRF, EPMA, confocal Laser Raman Spectrometer and other sophisticated research equipment useful for geo scientific research are available in the Central Instrumentation Facility

● ENTRANCE EXAMINATION

Selection for M.Sc. Applied Geology will be based on performance in entrance examination which will include 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. and M.Tech. programmes, there will be a common examination consisting of objective type questions at M.Sc. level.

INFRASTRUCTURE FACILITIES

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

Mineralogy, Petrology & Paleontology Laboratories:

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

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

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

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

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

IRMS Laboratory: For measurement of stable isotope composition of H, C, O, S, in a variety of sample (water carbonates, sulphides Organic Matter etc) a lab is being established

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

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

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

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

RESEARCH ACTIVITIES

The research areas offered by the Department are Geochemistry, Isotope Geochronology, Ore Geology, Tectonics, Metamorphic Petrology and Paleoclimate studies, Hydrogeology, Remote Sensing and GIS. Interdisciplinary research with the Departments of Chemistry and Physics are being actively pursued in the fields of EPR spectroscopy of minerals and paleomagnetism. Inter-institutional collaborative research involving IITs, and PRL are also in progress. Presently, 21 full-time and 2 part-time scholars are working for Ph.D. All the faculty have research projects funded by DST, CSIR, UGC, PRL, BRNS, PLANEX etc. Recognising the research capability of the Department, DST has provided funds under FIST programme (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. Private companies also recruit students through on and off campus placements.

ONGOING DEVELOPMENTS:

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

FACULTY

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.

Associate Professor

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

Specialization: Paleontology, Sedimentology.

K. Srinivasamoorthy, Ph.D. (Annamalai University)

Specialization: Hydrogeology, Remote Sensing and GIS.

Rajneesh Bhutani, Ph.D.

(Physical Research Laboratory, Ahmedabad)

Specialization: Isotope Geology, Tectonics.

Readers

Pramod Singh, Ph.D.

(Jawaharlal Nehru University, New Delhi)

Specialization: Geochemistry, Sedimentology.

Assistant Professors

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

Specialization: Structural Geology, Geochemistry.

S. Lasitha, Ph.D. (Cochin University of Sci. & Tech.)

Specialization: Geophysics (Seismology & Gravity).

Manisha Kumari, Ph.D.

(Mohanlal Sukhadia University, Udaipur)

Specialization: Palaeontology, Stratigraphy, Micropalaeontology.

Shyreyas Managave, Ph.D.

(Maharaja Sayajirao University, Ahmedabad)

Specialization: Paleoclimatology & Stable Isotope Geology.

Nurul Absar, Ph.D.

(Aligarh Muslim University, Aligarh)

Specialization: Sedimentary Geochemistry, Precambrian Crustal Evolution, Sedimentology.

Haris H. Khan, Ph.D.

(National Geophysical Research Institute, Hyderabad)

Specialization: Hydrogeology, Geomorphology, Remote Sensing and GIS.

K. N. Kusuma Ph.D.

(National Institute of Technology Bombay, Mumbai)

Specialization: Hyperspectral Remote Sensing, GIS, Planetary Geology, Geomorphology.

DEPARTMENT OF APPLIED PSYCHOLOGY

School of Physical, Chemical and Applied Sciences

The Department of Applied Psychology was established in the academic year 2007-08, aiming to train the students with conceptual knowledge and practical skills in psychology and enabling them to meet the emerging and contemporary needs of the society in various fields such as health, education, industrial organizations and community. The courses are taught by experienced and committed Faculty Members.

● 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 Applied Cognitive Psychology, Applied Social Psychology, Positive Psychology, Research Methodology, Rehabilitation Psychology, Psychological Statistics, Counselling Psychology, Community Psychology, in addition to Practicals in the third semester. Students have to select either Clinical Psychology or Industrial Psychology or Counselling Psychology as a Specialization. The following papers will be taught under three Specializations:

- (i) Clinical Psychology
Psychopathology Psychological therapies,
Neuropsychology, Health Psychology,
- (ii) Industrial /Organizational Psychology
Organizational Behaviour, Managerial Psychology,
Training & Development, Industrial Relations & Welfare.
- (iii) Counselling Psychology
Models of Counselling, Practice of Counselling (Case Based), Group Counselling & Social Issues, Recent Social Trends in Asia

Integrated M.Sc. - Ph.D. in Applied Psychology

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

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

P.G. Diploma in Industrial Psychology (One year)

● 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 in addition to spacious class and seminar rooms with audio-visual facilities. Apart from the test materials, clinical equipment such as Multi Behavior therapy, EEG Alpha Bio Feedback, Respiration Bio-Feedback, Stammer Suppressor, Aversion Therapy etc are also available in the laboratory for their use in research purposes.

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 internship and carry out dissertation project and submit a report to the University.

FACULTY

Professors

Sibnath Deb, Ph.D. (Calcutta University, Kolkatta)

Specialization: Clinical Psychology, Counselling Psychology, Health Psychology, Child Protection, Research Methods, Adolescent Reproductive Health including HIV/AIDS

Associate Professors

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

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

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

Specialization: Organizational Psychology, Research Methods, Statistics in Psychology

Assistant Professors

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, Sociobiology, Human Development

DEPARTMENT OF DISASTER MANAGEMENT

School of Physical, Chemical and Applied Sciences

The M.Sc., course in Disaster Management was started in the Department of Ocean Studies and Marine Biology in 2007 and bifurcated as separate Department of Disaster Management in June 2010 and Centre is located in Port Blair. The Department is being fully supported by UGC. The centre has excellent hostel facilities for M.Sc., students and research scholars. The M.Sc., Disaster Management course is intended to develop basic understanding of the Natural Disasters such as Earthquake, volcano, landslide, tsunami, cyclones, floods, land subsidence, coastal erosion, salt water intrusion and long term disasters of climate change and sea level rise and manmade disasters like nuclear, epidemic and air pollution. The curriculum is planned to identify the Natural earth related problems by Microzonation mapping of through Geophysical, Remote Sensing and Geographical Information System. Both theory and practical classes are handled by experienced faculty members. World class equipment facilities are available.

● PROGRAMMES OF STUDY

M.Sc. Disaster Management
Ph.D. Disaster Management

● ENTRANCE EXAMINATION

Selection of the candidates for M.Sc. degree in Disaster Management, Dual degree in Disaster Management and Remote Sensing are based on the performance of the entrance examinations which will include objective type questions Geography, Chemistry, Physics and Geology, Environmental Science, Zoology at B.Sc. Level. For Ph.D. admission there will an objective type examination at M.Sc., level.

MISSION OF THE DEPARTMENT:

The Department makes every effort to achieve academic excellence with world class field training to produce Disaster Managers.

VISION OF THE DEPARTMENT:

Natural and manmade hazards are increasing every year. Detection and remediation of the natural and manmade hazards are warranted urgently regionally and globally. To cater the needs: Curriculum is designed by Pondicherry University, to suit learners with multi skills. To develop man power to combat the mounting natural and manmade hazards, training with Application of Geophysical Techniques such as Electrical Resistivity Tomographic (ERT) Imaging; Ground Penetrating Radar (GPR); Seismic Imaging and Transient Electromagnetic (TEM) to identify the subsidence, fault / fracture, subsurface cavity, landslide prone area; identification of ground water resource, contamination of ground water, salt water intrusion, and leach ate plume migration, hazardous waste disposal remote sensing and GIS Laboratory with latest software of ArcGIS and ERDAS are provided. This training programme produces M.Sc., students with capability to make out and resolve the disaster related problem.

INFRASTRUCTURAL FACILITIES

The Department has well equipped laboratories with World class Geophysical and Remote Sensing, GIS and Marine and Land Survey equipment to cater the needs of the practical course of M.Sc., students and PhD scholars. The major equipment facilities available in the Department are:

- Seismograph with 12 channels
- SIR 2000 Ground Penetration Radar
- Electrical resistivity imaging
- Transient Electromagnetic (terra TEM)
- Total Organic Carbon analyser
- Differential Global Positioning System (DGPS)
- Zutomatic weather Station
- Microscope with Image analyser
- Oceanographic Equipment
- Marine Magnetometer
- Side Scan Sonar ,
- Echo sounders
- Current meter
- Magnetometer(marine)

Apart from these facilities sophisticated Remote Sensing and GIS Laboratory with software of ArcGIS, and ERDAS. Computing and Network Facility: Adequate numbers of PCs in Remote Sensing Laboratory with internet connectivity are available.

FIELD EQUIPMENTS:

Total station with Reflector; Auto Level with staff; Global Positioning system; Digital Camera; Rock cutting Machine; Automatic sieve shaker. Multi dated Satellite imageries for all Andaman & Nicobar Islands and coastal districts of Tamil Nadu are available.

RESEARCH ACTIVITIES:

The research activities of the Department are mainly concerned with identification and migration of Natural Disasters, like Earthquake Coastal Landslides, Paleoseismological, Salt water intrusion, Tsunami Inundation modeling and impact of Tectonic subsidence of the islands with advent GPR, Terra TEM, Resistivity Imaging and Resistivity Variometer. Ministry of Earth Science has sanctioned Rs 25, 24, 400 for the Paleoseismological investigation in the Islands.

National Remote Sensing Centre (NRSC), Indian Space Research Organization, Department of Space, Government of India, Hyderabad has sponsored one project in the scheme of “Rajiv Gandhi National Drinking Water” to collect well data and water quality analysis for Andaman & Nicobar Islands.

ONGOING DEVELOPMENTS:

Three new faculty positions have been sanctioned to the Department of Disaster Management. A new Magneto telluric meter (MT) will be added to the laboratory.

FACULTY

Professors

N. Ramanujam, Ph.D. (Panjab University, Chandigarh)
Specialization: Geophysics, Exploration Technique, Resistivity Imaging, Landslide and Earthquake Prediction.

Assistant Professors

K. Dharanirajan, Ph.D. (Anna University, Chennai)
Specialization: Geographical Information System (GIS), Remote Sensing, Disaster Management, Coastal Zone Management, Software Development in Earth Science

S. Balaji, Ph.D. (Bharathidasan University, Thrichirapalli)
Specialization: Geophysics, Disaster Management, Tectonics, Ground Water.



ASTROPHYSICS PROGRAMME

School of Physical, Chemical and Applied Sciences

The two year M.Sc. Astrophysics Programme came into existence in the year 2012. The programme consists of four semesters. The first two semesters (I year) include courses in basic physics Eg. Classical Mechanics, Quantum Mechanics, Mathematical Methods and General Physics Laboratory. During the final two semesters (II year) the course specializes on physics of celestial objects, Geometry (space time) ranging from basic astronomy and Astrophysics to general theory of relativity and cosmology. Final semester project work is on Astronomy and Astrophysics.

PROGRAMMES OF STUDY

M.Sc. Astrophysics

ENTRANCE EXAMINATION

The selection of students is through an All India Entrance Examination Conducted by the University. The question paper will consist of 100 objective type questions. The objective question paper covers all the subjects at Under Graduate level with Physics as Main and Mathematics and Chemistry as ancillary.

FACULTY

Course Co-Ordinator:

Prof. K. Porsezian (Ph.D.) F.A.Sc.,

Guest Faculties:

Dr. P. Sivakumar

Dr. Shincy John

Dr. D. Thirunavukkarasu

Dr. Amitava Choudhuri

Shri Chrisphin Karthik

INFRASTRUCTURE FACILITIES

We have well equipped teaching Laboratory and Computer Laboratory. In addition, we have well equipped Central Instrumentation Facility with the following facilities for advanced research work: Fourier Transform Infrared Spectrometer, Differential Scanning Calorimeter, Impedance Analyzer, Ultrasonic Pulse Echo Interferometer, VSM (Lakeshore), UV-VIS-IR Spectrometer (Varian), Digital Nano Volt and Current Meters (Keith Ely), MMR, Scanning Electronic Microscope, Virtual Instrumentation System Lab, Spectrofluorimeter, etc.



SCHOOL OF LIFE SCIENCES

Dean: Prof. Anisa B Khan

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

The School of Life sciences has six 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. The School also has an Animal House.

An interdisciplinary programme in Life Sciences (renamed as BUILDER) programme was started in the year 2010 with the financial support to the tune

of nearly Rs. 10 crores from the Department of Biotechnology, Govt. of India. The objective of the programme is to enhance teaching capacities and impart training and research in interdisciplinary areas of Life Sciences. The programme provides for state-of-the-art laboratory facilities and equipment, with a thrust area in Bio-prospecting of Molecules for Drug Discovery.



DEPARTMENT OF BIOCHEMISTRY AND MOLECULAR BIOLOGY

School of Life Sciences

The Department of Biochemistry & Molecular Biology was started as Department of Biological Sciences under School of Life Sciences in 1987 and had been offering M.Sc., Ph.D degrees in Life Sciences. In 2004, the Department was renamed as Department of Biochemistry & Molecular Biology. Since then this Department has been offering M. Sc. and Ph. D. courses in Biochemistry and Molecular Biology (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 Faculty have had teaching postdoctoral research experience in Indian/ Foreign Universities/ Institutions prior to their appointment in this Department. The areas of research focus includes Reproductive Biology & Toxicology, Microbial Biochemistry, Protein Biochemistry, Metabolism involving Natural Products, Biopesticides, Liver toxicity, Immunology, Cancer biology, and Diabetes. The Faculty in the Department have established research collaborations with Indian and foreign investigators. Two of the faculty members were recipients of the Rockefeller Foundation Biotechnology Career Award and one of the faculty members was a recipient of the Biotechnology Overseas Award (DBT). Our faculties were Visiting Scientists to Population Council (USA), John Hopkins University (USA), University of Virginia, Cleveland Clinic (USA), and some were Fogarty Fellows, INSA-DFG, CSIR-CNRS and have 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 has received support from DST as special funding under DST-FIST beginning 2002 with a repeat support in 2009, and the UGC – Special Assistance Program in 2011. The Department Faculty secured extramural funding worth several crores of rupees from different National funding agencies such as DST, DBT, UGC, CSIR, ICMR, DRDO and Ministry of Environment & Forests. The Department has also attracted funding from international agencies like Population Council (USA) and the Rockefeller Foundation (USA). The Department has established collaboration with the Cleveland Clinic, USA for training students in Reproductive Biology.

PROGRAMMES OF STUDY

M.Sc. Biochemistry & Molecular Biology
Integrated M.Sc. - Ph.D. in Biochemistry & Molecular Biology
Ph.D. Biochemistry & Molecular Biology

ENTRANCE EXAMINATION

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

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

THRUST AREAS OF RESEARCH

- Reproductive Biology
- Thermostable Enzymes, Phytohormones/ Natural products, Metabolism, Gene Expression.
- Microbial Biochemistry & Biotechnology
- Natural Principles, Cell Signaling, Degenerative diseases Cancer, Diabetes, Parkinson' s, Alzhemier's, Heart and Liver diseases
- Reproductive toxicology
- Phytomedicine
- Gene delivery –Targeted therapy
- Tumorigenesis & Cell Signaling
- DNA Damage Response, DNA Repair
- Cellular & Molecular Neuroscience
- Endocrinology & Biogerontology

LABORATORY AND INSTRUMENTATION FACILITIES AVAILABLE

The Department has state of the art laboratories with an excellent modern instrumentation facility for teaching and advanced research in Biochemistry and Molecular Biology. The Department has facilities to carry out research in in-vitro and in vivo systems. The instrument facility includes- High Speed Refrigerated Centrifuges, Ultracentrifuge,

Ultra sonicator, PCR, ELISA, Trans-blot apparatus, Geldoc apparatus, Temperature controlled plant growth chamber, CO₂-incubators, Phase contrast microscope, UV-Vis Spectrophotometers, Ultra pure water-purifier and cold room.

OTHER FACILITIES:

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

SPECIAL GRANTS RECEIVED

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

EMPLOYMENT ORIENTATION / SKILL FORMATION / KNOWLEDGE GENERATION

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

FACULTY

Professor

P. P. Mathur, Ph.D.(Banaras Hindu University, Varanasi) - (on EOL)

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

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

Specialization: Nutrition Biochemistry, Microbial Biochemistry and Biotechnology

K. Srikumar, Ph.D.(University of Hyderabad, Hyderabad)

Specialization: Protein Biochemistry, Enzymology, Cytokines and Molecular biology

Associate Professor

S. Baskaran, Ph.D (IISc, Bangalore)

Specialization: Signal transduction and Molecular mechanisms of Tumorigenesis

Assistant Professor

C. Thirunavukkarasu, Ph.D.,

(University of Madras, Chennai)

Specialization: Cancer biology, Cell Signaling in Liver, Phytomedicine.

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

Specialization: Natural Principles and Liver Toxicity, Gene Delivery-targeted therapy

S. Sudha Rani, Ph.D.,

(VCRC, Pondicherry University, Puducherry)

Specialization: Immunology, Cell Signaling in Degenerative Diseases-Diabetes, Parkinson's and Alzheimer's Disease

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

Specialization: Genetic engineering, Natural Principles and Heart disease, Reproductive toxicology

Kitlangi Suchiang M.Sc

(North Eastern Hill University, Shillong)

Specialization: Endocrinology, Biogerontology

Madhu Dyavaiah Ph.D. (University of Mysore)

Specialization: Biotechnology, DNA damage response

Asmitha Dasgupta Ph.D.

(Jadavpur University, Kolkata)

Specialization: Cellular and Molecular Neuroscience

Recognized External Guide

R. S. Verma, Ph.D.

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

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

Bidhan Chandra Koner M.D.

(Professor, Dept. of Biochemistry, Moulana Azad Medical College, New Delhi)

Specialization: Immunobiology, Immunotoxicity, Glycobiology, Andrology, Cell Signaling and Clinical Biochemistry.

Akilesh Pandey, M.D., Ph.D.,

Director, Institute of Bioinformatics (IOB), Bangalore

Specialization: Signal transduction, Mass spectrometry, Protein-Protein interactions,

Post-translational modifications, Databases and

Bioinformatics.

MICROBIOLOGY PROGRAMME

School of Life Sciences

The M. Sc., Microbiology Programme was started in the year 2009 and is housed under the Department of Biochemistry and Molecular Biology, School of Life Sciences. The M.Sc., Microbiology Programme is committed to excellence in education, research and extension. The programme is being strengthened with various research units and periodical update / modernization of the curricula. The M.Sc., Microbiology programme at the Pondicherry University, School of Life Sciences, brings together a variety of researchers as faculty of this programme who are specialized in their domains and united by the common goal of understanding the "Microbes". The Programme has offering M. Sc. and Ph. D. courses in Microbiology.

As the microbial activities are so diverse, the microbiology programme is a multidisciplinary subject, which will have the roots of life science, environmental science, and engineering. Traditional microbiology is considered to be an important area of study in biology since it has enormous potential and vast scope in fermentation, bioremediation and biomedical technology. But the recent developments from human microbiome project, metagenomics and microbial genome projects has expanded its scope and potential in the next generation drug design, molecular pathogenesis, phylogeography, production of smart biomolecules, etc. Modern Microbiology has expanded its roots in genome technology, nanobiotechnology, green energy (biofuel) technology, bioelectronics etc. Considering recent innovations and rapid growth of microbiological approaches and applications in human and environmental sustainability, the M.Sc. Microbiology curricula is designed to enlighten the students in basics of Microbiology to recent developments.

PROGRAMMES OF STUDY

M.Sc. Microbiology
Ph.D. Microbiology

ENTRANCE EXAMINATION

The selection of students is based on All India entrance examination. The question paper will consists of objective type of questions of multiple. The questions will be of testing the basic knowledge of the students in general and applied microbiology, biochemistry, cell and molecular biology and genetic engineering.

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

THRUST AREAS OF RESEARCH

Metagenomics and Bioprospecting.
Fungal Genetics and Mycotoxicology
Microbial Biocatalysis and Drug Discovery
Enzyme Technology
Cell Signalling

LABORATORY AND INSTRUMENTATION FACILITIES AVAILABLE

The Department has state of the art laboratories with an excellent modern instrumentation facility for teaching and advanced research in Microbiology. The instrument facility includes- Laminar air flow, autoclave, microbial incubators, BOD incubator, High Speed Refrigerated Centrifuges, Ultracentrifuge, PCR, CO₂-incubators, microscope, UV-Vis Spectrophotometers, water-purifier and -80C. Further major equipment is available in the central instrumentation facility.

FACULTY

Associate Professor & Co-ordinator

Joseph Selvin, Ph.D.

(Central Marine Fisheries Research Institute)

Specialization: Metagenomics and Bioprospecting

Assistant Professor

Regina Sharmila Dass, Ph.D.

(University of Mysore, Mysore)

Specialization: Fungal Genetics and Mycotoxicology.

Busi Siddhardha, Ph.D.

(Jawaharlal Nehru Technological University, Hyderabad)

Specialization: Drug discovery and Microbial

Biotransformations.

Sharmili Jagtap, Ph.D. (National Chemical Laboratory, Pune)

Specialization: Enzyme Technology, Developmental Biology.

Dr. Maheswaran Mani, Ph.D.

(Justus Liebig University Germany)

Specialization: Cell signaling in Diseases, Stem cell biology

Recognized External Guide

Dr. C. Raman Suri

Institute of Microbial Technology, Chandigarh

DEPARTMENT OF BIOTECHNOLOGY

School of Life Sciences

Since its inception in the year 1992 the Department of Biotechnology is 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 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 the exemplary research work carried out in the Department.

PROGRAMMES OF STUDY

M.Sc. Biotechnology
Integrated M.Sc. - Ph.D. in Biotechnology
Ph.D. Biotechnology (Full-time)
PG-Diploma in Biotechnology

ENTRANCE EXAMINATION

M. Sc. Biotechnology

Twenty Three 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. All the students admitted to M.Sc Biotechnology programme through JNU-DBT entrance examination are offered fellowship @ Rs. 3,000/- p.m.

Integrated M. Sc., Ph. D. in Biotechnology

Nine students are admitted based on merit in the all India entrance examination conducted by Pondicherry University. All the students admitted into Integrated Ph. D. programme are offered stipend of Rs. 1000/- p.m. for four semesters (20 months) and Rs. 5000/- p.m. for the period of next three years extendable for one more year. Students with CGPA of 7 or more on completion of mandated credits at the end of 4 semesters are eligible to proceed to Ph. D. Others will be awarded for M. Sc. degree. Students with CGPA of 7 or more are also permitted to exit the programme with M. Sc. degree on successful completion of credit requirements, however, they shall refund the stipend of Rs. 1000/ p.m.

Ph.D. Biotechnology (Full-time)

The Department offers a full time Ph.D. programme and students are admitted based on the all India 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.

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 qualifying examinations and reservation is given as per University norms.

THRUST AREAS OF RESEARCH

- Drug discovery from microbes and plants
- Nucleic acid and immunodiagnosis of plant pathogens and fish pathogens
- Immunostimulant and probiotics for disease control in fish and shrimp
- Plant genomics and Genetic engineering of crop plants
- Quorum sensing in bacterial pathogens
- Stem Cell Biology and Nanobiotechnology
- Epigenetics and Protein Engineering

SPECIAL RESEARCH GRANTS RECEIVED

The Department receives research grants from various organizations like DBT, DST, UGC, CSIR, and 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 equipment such as high speed refrigerated centrifuges, UV spectrophotometers, Bioreactor system, Fermentor, CO₂ incubator, Gel apparatus, Gel documentation system, ELISA reader, Multimode detector, PCR, Real-time PCR, Flash Chromatography, HPLC, GC, LCMS, vacuum concentrator, TG and IEF Electrophoresis, Flow cytometer, Lyophilizer and Phase contrast, Fluorescence and inverted microscopes.

FACULTY

Professors

N. Sakthivel, Ph.D. (University of Madras, Chennai)
Specialization: Plant Biotechnology, Molecular Plant-Microbe interaction, Biological Nanoparticles

Associate professors

N. Arumugam, Ph.D. (University of Delhi, Delhi)
Specialization: Genetic Manipulation of Crop plants, Molecular Plant Breeding.

V. Arul, Ph.D. (Madurai Kamaraj University, Madurai)
Specialization: Aqua Culture, Marine Biotechnology.

Readers

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

B. Sudhakar, Ph.D. (Indian Institute of Science (IISc), Bangalore)
Specialization: Stem Cell Biology, Nano Biotechnology

Assistant Professors

Lata Shukla, Ph.D.
(Jawaharlal Nehru University, New Delhi)
Specialization: Plant Biotechnology, Free Radical Research.

K. Prashanth, Ph.D.
(JIPMER, Pondicherry University, Puducherry)
Specialization: Medical Biotechnology, Immunology, Medical Microbiology.

V. Venkateswara Sarma, Ph.D.
(Madras University, Chennai)
Specialization: Microbiology, Microbial Biotechnology

V. Balasubramanian M.Sc.
(Tamilnadu Agricultural University, Coimbatore)
Specialization: Plant Biotechnology, Molecular Microbiology

Arunkumar Dhayalan, Ph.D.
(Jacobs University, Bremen, Germany)
Specialization: Epigenetics, Protein Engineering



DEPARTMENT OF ECOLOGY AND ENVIRONMENTAL SCIENCES

School of Life Sciences

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

PROGRAMMES OF STUDY

M.Sc. Ecology and Environmental Sciences
Integrated M.Sc. - Ph.D. in 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; Conservation Biology; Plant Animal Interactions; Ornithology and Wildlife Ecology.

R & D PROJECTS:

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

PLACEMENT

NGO's, Government Organisations and renowned research institutions and Universities in India and abroad

INFRASTRUCTURE FACILITIES

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

FACULTY

Professors

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

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)

Specialization: Bio-Physics; Theoretical Studies; Environmental Law & Policy.

Associate Professors

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

A. Vijaya Bhaskara Rao, Ph.D.

(Sri Krishnadevaraya University, Anantapur)

Specialization: Environmental Biotechnology, Environmental Seri-biotechnology, Plant Biotechnology, Environmental molecular biology, Environmental Physiology, Toxicology, Proteomics and metabolomics, Bioindustry, Structural biology.

Readers

S. Jayakumar, Ph.D. (Bharathidasan University, Tiruchirapalli)

Specialization: Remote Sensing & GIS, Biodiversity, Natural Resources, Climate Change, Environmental Informatics.

Assistant Professors

S. S. Sundaravel, M.A., P.G.Diploma in Planning

Specialization: Environmental Impact Assessment, Land Ecology, Global Change

S. M. Sundarapandian, Ph.D.

(Madurai Kamaraj University, Madurai)

Specialization: Plant Biodiversity, Nutrient Cycling, Biological Invasion, Population Ecology, Medicinal Botany, Soil Biology.

Suja P. Devipriya, Ph.D.

(Cochin University of Science and Technology, Kochi)

Specialization: Photocatalysis, Water Quality and Water Treatment Technologies, Environmental Biotechnology, Solid Waste Treatment.



DEPARTMENT OF OCEAN STUDIES AND MARINE BIOLOGY

School of Life Sciences

The Department of Ocean Studies and Marine Biology was started as a Centre of Ocean and Island studies in the year 2000, and later it was upgraded to the present Department in the year 2004 with a major funding from UGC. The 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 instruments for field investigations in ocean related sciences. Research and course programmes are designed to train the students in the field of Marine Biology.

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

The Department offers two year masters degree and Ph.D., programs in Marine Biology. The Department's strategic location at Port Blair provides a unique opportunity for the students to get extensive exposure to various environments comprising of mangrove and coral ecosystems. The students enroll for the masters 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 by the University.

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.

INFRASTRUCTURE FACILITIES

The Department has the following basic and sophisticated equipment for teaching and research.

- i. HPLC
- ii. Hydrolab
- iii. Ultracentrifuge, Laminar air flow, Rotary Evaporator
- iv. Water, Sediment Samplers and Plankton Nets
- v. UV Spectrophotometer – Double Beam
- vi. Inverted Microscope with Image Analyser

FACULTY

Professor

P. M. Mohan, Ph.D.

(Cochin University of Science and Technology, Kochi)
Specialization: Marine Biology, Coral reef environmental monitoring, Meiobenthic studies, Marine Geology and Coastal management.

Associate Professor

R. Mohanraju, Ph.D.

(Annamalai University, Chidambaram)
Specialization: Marine Biology, Microbial Ecology and Marine microbial processes in corals, mangroves 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.

Assistant Professors

Gadi Padmavathi, Ph.D., D.Fs.(Japan)

Specialization: Marine Biology, Marine Plankton, Fisheries and Pisciculture.

S. Venu, Ph.D.

Specialization: Marine Biology, Fish and Fisheries Sciences, Deep Sea and Coastal Fish Taxonomy, Aquaculture.

T. Ganesh, Ph.D.

Specialization: Marine Biology and Macro Benthic Community Study.

K. A. Jayaraj, Ph.D.

Specialization: Marine Biology and Benthic Ecology.

DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY

School of Life Sciences

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

● PROGRAMMES OF STUDY

M. Sc. Food Science and Nutrition
M. Sc. Food Science and Technology
Integrated M.Sc. - Ph.D. Food Science and Nutrition
Integrated M.Sc. - Ph.D. 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)
P.G. Diploma in Food Safety and Quality Assurance in Food Industry (Full Time)

● ENTRANCE EXAMINATION

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

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

The question paper will consists of 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 question paper will consists of objective type questions in Mathematics, Physics, Food Microbiology, Biochemistry, Food Science, Food process Engineering, Agricultural Engineering and allied areas.

P.G. Diploma in Food Safety and Quality Assurance in Food Industry

The question paper will consist of objective type questions in the area of General Food Safety, Microbiology, Hygiene and Sanitation.

THRUST AREAS OF RESEARCH

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

INFRASTRUCTURAL FACILITIES

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

FACULTY

Associate Professors

H. Prathap Kumar Shetty, Ph.D.

(Mangalore University, Managlore)

Specialization: Food Safety, Food Biotechnology

S. John Don Bosco, Ph.D.

(Tamil Nadu Agricultural University, Coimbatore)

Specialization: Agricultural Process Engineering

Assistant Professors

Narayanasamy Sangeetha, Ph.D.

(Avinashilignam University for Women, Coimbatore)

Specialization: Food Product Development, Therapeutic Nutrition, Community Nutrition.

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. (University of Mysore)

Specialization: Meat Science and Food Engineering

Seghal Kiran.G, Ph.D. (Bharathidasan University)

Specialization: Molecular Microbiology (Genome Mining)

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 for Research and Training in the field of Bioinformatics by the Department of Information Technology, Govt. of India, New Delhi in 2007 and awarded a special grant of ₹3.69 crores. The Centre has taken up several research projects and has been offering modular courses in Bioinformatics under this Grant.

The Centre started an M.Sc., program in Bioinformatics in 2007 supported by the University Grants Commission (UGC) under the scheme of "Innovative Programme - Teaching & Research in Interdisciplinary and Emerging Areas". To advance research in Bioinformatics, the Centre started a Ph.D. Programme in 2009. From 2012, through UGC Special Assistance Program (SAP) at the DRS-I level, the Centre got ₹27,50,000 lakhs + 1 project fellow. The Ministry of Human Research & Development (MHRD) have considered our Centre for the Centre of Excellence in Structural Biology.

The Centre started has a Network M.Sc., Computational Biology teaching programme fully funded by DBT in collaboration with Madurai Kamaraj University, Madurai and Anna University, Chennai in 2010. 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 and the details are available at www.bicpu.edu.in.

All students, research scholars and faculty are provided round-the-clock computing facility with a separate 11 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 sophisticated equipment. Most of the past students have been placed in various leading research institutions and industries.

Over the past few years, the Centre has taken up research activities in the areas of sequence analysis, molecular modeling, structural biology, database development etc., and several papers have been published in peer-reviewed International and National Journals. The faculty and students have received projects/fellowships from various funding agencies like Department of Biotechnology, Department of Information Technology, University Grants Commission, Council of Scientific and Industrial Research-JRF/SRF, Department of Science and Technology, Bioinformatics National Certificate (BINC), DST-Innovation in Science pursuit for Inspired Research (INSPIRE) and Rajiv Gandhi Fellowship.

The University is extending full support for the development of the Centre by providing a new state of the art building.

● PROGRAMMES OF STUDY

M.Sc. Bioinformatics

M.Sc. Computational Biology

Ph.D. Bioinformatics

P.G. Diploma in Bioinformatics (Add on)

● ENTRANCE EXAMINATION

M.Sc. Bioinformatics

Selection is based on an entrance examination conducted at various Centres by Pondicherry University. The test consists of multiple choice questions in Biochemistry, Molecular Biology, Biotechnology, Chemistry, Biophysics, Computer Science, Statistics and Mathematics.

M.Sc. Computational Biology

Selection will be based on a common entrance examination

to be conducted at various Centres by Pondicherry University. The details will be advertised in newspapers and will be available at www.pondiuni.edu.in and www.bicpu.edu.in, www.annauniv.edu, www.mkuniversity.org & www.biotechmku.org.

A stipend of ₹5,000/- p.m. will be provided by the Department of Biotechnology, Government of India, New Delhi for all the students admitted.

Ph.D. in Bioinformatics

Selection is based on an entrance examination conducted at various Centres by Pondicherry University. The test consists of multiple choice questions in Biochemistry, Molecular Biology, Biotechnology, Chemistry, Biophysics, Computer Science, Statistics and Mathematics at PG level. Candidates who have qualified for JRF (UGC / CSIR-NET / DBT-BINC) are exempted from entrance exam. They can apply directly.

The University has signed an MoU with Institute of Bioinformatics (IoB), Bangalore for collaborative research and Ph.D., guidance. Selected candidates can also work at IoB on collaborative projects.

P.G. Diploma in Bioinformatics

This course is offered as an Add-on evening programme. Students will be admitted based on merit in qualifying examinations and reservation is applicable as per University norms.

THRUST AREAS OF RESEARCH

Molecular Biology, Systems biology, DNA-Protein Interactions, Genome Sequence analysis, Protein Structure Modeling, Molecular modeling, X-ray Crystallography, Drug Design, Metabolic Pathways and re-constitution, Cell Signaling, Single particle analysis, Medicinal Chemistry.

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)
- UGC – Special Assistance Program (Continuing Scheme)

INFRASTRUCTURE FACILITIES

A. COMPUTERS AND COMMUNICATION FACILITY

Tesla GPU server, Xeon Quad Core Servers(4 Nos.), Xeon Cluster Servers(3 Nos.), Itanium Server, AMD Opteron Server, Wipro Xeon Server, HP Workstations(5 Nos.), Silicon Graphics Fuel Machine, Apple iMac(2 Nos), HCL Laptops(5 Nos.), HCL/HP Intel Core i5/Core 2 Duo Workstations (145 Nos.) – Works on both Windows and Linux Operating Systems.

The Centre has a dedicated 11 Mbps leased line internet connectivity exclusively for the Centre from BSNL and is managed by Cisco Routers and manageable switches.

Modern computing facilities and round the clock internet connectivity are provided to the students to meet their academic and research needs.

B. WET LAB

The Centre has developed a separate wet lab facility. The lab is functional with the following equipment: High performance Liquid Chromatography (AKTA-HPLC), UV-Visible

Spectrophotometer, ELISA Reader, Gel Documentation System, PCR Thermal Cycler, -80°C Deep Freezers, -20°C Freezer, Refrigerated Table Top Centrifuge, Quartz Distillation Unit, Water purification system, Bench To Freeze Dryer, Vertical Gel apparatus, Horizontal Gel apparatus, Western blot apparatus, UV illuminator, and pH meter. The Centre is in a process of establishing a cell culture facility.

C. SCIENTIFIC SOFTWARE PACKAGES

Schrodinger Mastero 2011, Tripos Sybyl 8.1, SPSS 10, Discovery Studio 3.1, Endnote 11, Amber 11, Autodock, Dock, Modeller, Gromos 96, V-Life, Whatif, EMBOSS, BioEdit, Phred, Consed, GeneScan, Statistica, R

D. RESOURCES & SERVICES

A separate website available at 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

Magazines

Linux for you, PC Quest, Chip, Biospectrum

Access to E-Journals

University has access to UGC Infonet Journals, Science Direct, Blackwell Publishers, EBSCO Databases

PLACEMENT DETAILS

Some of the students trained in the Centre are placed in the following organizations between 2001 and 2012:

Industry Placements

- HCL Info Systems
- Tata Consultancy Services
- Molecular Connections, Bangalore
- Institute of Bioinformatics, Bangalore
- Protein Lounge, Bhubaneswar
- Genemines, Chennai
- BIOBASE Databases Indian Pvt. Ltd., Bangalore
- Computational Research Lab, Pune
- Jubilant Biosys, Bangalore

- Wipro Technologies, Chennai
- Schrödinger, Hyderabad
- EnZene Biosciences Pvt. Ltd., Bangalore
- ABLE C Drive, Bangalore
- Persistent Systems Limited, Pune

Teaching/ Research Placements

- Pusan National University, South Korea
- Stony Brook University, New York
- Sungkyunkwan University, South Korea
- University of Madras, Chennai
- Central Sericulture Research & Training Institute, Mysore
- Institute of Microbial Technology Institute, Chandigarh
- Indian Institute of Technology, Chennai
- Jawaharlal Nehru University, New Delhi
- Kumaun University, Nainital
- Maulana Azad National Institute of Technology, Bhopal
- Amity University
- Yeungnam University, South Korea
- Maharshi Dayanand University, Haryana
- Technical University of Munich, Germany
- La Trobe University, Australia
- Swinburne University of Technology, Australia
- Louisiana State University, USA
- University of Illinois

FACULTY

Associate Professor

Basant K. Tiwary, Ph.D. (University of Calcutta, Kolkata)
Specialization: Molecular Evolution, Systems Biology, Bioinformatics.

Readers

A. Dinakara Rao, Ph.D.
 (Sri Venkateswara University, Tirupati)
Specialization: Cell Signaling, Molecular Entomology, and Biochemistry.

P. T. V. Lakshmi, Ph.D. (University of Madras, Chennai)
Specialization: Phytomatics, Genomics and Proteomics, biofuel from Cyanobacteria.

Assistant Professors

R. Krishna, Ph.D. (University of Madras, Chennai)
Specialization: X-ray Crystallography (Proteins), Molecular Modeling (Protein & DNA).

M. Suresh Kumar, Ph.D. (University of Madras, Chennai)

Specialization: Structural Studies on Viral Proteins, Promiscuity of Antibodies, Inhibitors for Viral Proteases.

Archana Pan, Ph.D. (Jadavpur University, Kolkata)
Specialization: Comparative Genomics, Molecular Evolution, Drug Design.

R. Amutha, Ph.D. (University of Madras, Chennai)
Specialization: Computational Biology, Molecular Dynamics, Simulations, Drug Design.

B. Syed Ibrahim, Ph.D. (University of Madras, Chennai)
Specialization: Macromolecule Crystallography, protein-protein interaction analysis, Venom protein studies.

A. Murali, Ph.D. (Sri Venkateswara University, Tirupati)
Specialization: Structural Biology, Transmission electron microscopy, Single particle analysis, Nano-biotechnology.

S. Mohane Coumar, M.Pharm, Ph.D.
 (Panjab University, Chandigarh)
Specialization: Drug design and Medicinal Chemistry Development.

V. Amouda, Ph.D (Pondicherry University)
Specialization: Database Management Systems, Algorithms.

RECOGNIZED Ph.D. GUIDE FROM OTHER INSTITUTIONS.

Institute of Bioinformatics, Bangalore

Akhilesh Pandey, Ph.D.
 (University of Michigan, U.S.A)
Specialization: Genomics, Proteomics, Bioinformatics, Molecular Biology.

T. S. Keshava Prasad, Ph.D. (Goa University, Goa)
Specialization: Bioinformatics, Genomics & Proteomics.

Aditi Chatterjee, Ph.D. (University of Calcutta, Kolkata)
Specialization: Proteomics, Cancer Biology/ Molecular Biology, Signaling pathway, miRNA in cancer.

Indian Institute of Chemical Technology, Hyderabad,

FACULTY RECOGNIZED FOR Ph.D. PROGRAMME

G. Narahari Sastry, Ph.D.
 (University of Hyderabad, Hyderabad)
Specialization: Bioinformatics, Computational Biology, Computational Chemistry.

SCHOOL OF HUMANITIES

Dean: Prof. S. Pannirselvame

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., Ph.D. programmes. However, the Centre for Asian Christian Studies offers only 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, Italian, Spanish, German, Russian and Arabic.



DEPARTMENT OF ENGLISH

School of Humanities

The Department of English, one of the oldest Department 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 devised as Language through Literature offers students an orientation to the formal study of English language and literary appreciation. A high-point of our 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 Literatures, and Ecocritical 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 like poetry and fiction, and a semester-long work on a dissertation. The Department encourages research at the Ph.D. levels in a number of areas, such as Poetry and Poetics, Diaspora Studies, Subaltern Literatures, Nature-oriented Literatures, Interdisciplinary and Cultural Studies.

● PROGRAMMES OF STUDY

M.A. English and Comparative Literature

Ph.D. English

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

PG Diploma in Professional Communication in English (PGDPCE)

● ENTRANCE EXAMINATION

M.A.: The entrance Examination would comprise Objective Type questions of a general nature drawn from Undergraduate syllabi from Indian Universities. The major focus should 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.

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.

CO-CURRICULAR AND EXTRA-CURRICULAR ACTIVITIES

The English Department through the weekly Research and Journal Alert Forum encourages the sharing the 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 art forms. In all, the creative talents of each student is cherished and encouraged.

The Department periodically organizes Seminars, Workshops and Conferences in areas of current interest and also extends invites to renowned scholars to come and deliver talks and lectures.

WRITER IN RESIDENCE:

Initiated by the Department of English from 2010, this unique programme is intended as a Chair for Creative Writing and is envisaged as providing the University with an opportunity to invite celebrated writers to reside in the campus and to share their expertise and experience with students and fellow scholars alike.

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.

INFRASTRUCTURE

The Department has well-ventilated classrooms, Seminar room and projection facilities.

FACULTY

Professors

S. Murali, Ph.D. (University of Kerala, Trivandrum)
Specialization: Poetry, Aesthetics, Literary Theory, Indian Literature, Visual Arts, and Environmental Studies.

N. Natarajan, Ph.D. (University of Madras, Chennai)
Specialization: Literary Criticism, Modern Fiction, Comparative Literature and Semiotics.

Sujatha Vijayaraghavan, Ph.D.(IIT, Chennai)
Specialization: Indian Writing in English, Translation Studies, Postcolonial Studies. Oral Literatures & Folklore Studies.

Associate Professors

P. Bhaskaran Nair, Ph.D. (CIEFL, Hyderabad)
Specialization: English Language Teaching, Teacher Education and Materials Production.

Clement Sagayaradja Lourdes Ph.D.
(Pondicherry University)
Specialization: Indian Writing in English and Translation Studies.

H. Kalpana Ph.D.(Pondicherry University)
Specialization: Canadian and American Literature, Women's Literature and Feminist Theories.

Reader

T. Marx., Ph.D.
(Manonmaniam Sundaranar University, Tirunelveli)
Specialization: Comparative Literature, Drama, Subaltern Studies and Translation.

Assistant Professors

Binu Zachariah Ph.D. (University of Hyderabad, Hyderabad)
Specialization: Comparative Literature and Communication Skills.

Lakhimai Mili M.A., PGDTE (CIEFL, Shillong)
Specialization: English Language Teaching

Visakadevi S, Ph.D. (Pondicherry University)
Specialization: Comparative Literature, Poetry

Ujjwal Jana, Ph.D.
(Indian Institute of Technology, Kharagpur)
Specialization: Indian Aesthetics, Indian Literature, Indian Writing in English.

Reshmi K. M. A., Ph.D.
(Avinashilingam University, Coimbatore)
Specialization: Ecocritical and Feminist Writings, Commonwealth Literature.



DEPARTMENT OF FRENCH

School of Humanities

The Department of French was established in 1987. The following programmes are conducted: M.A. French (Translation & Interpretation), 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, Assistant Professors 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)
Ph.D. French (Full-time & Part-time (Internal & External))

● ENTRANCE EXAMINATION

M.A. French (Translation and Interpretation)
 The Question Paper for the Entrance Examination will 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 and writing skills of the candidate.

Ph.D.

The written examination will consist mostly of objective type questions 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 the University of La Réunion which has a Memorandum of Understanding with the Pondicherry University. The credits earned in that French University will be taken into consideration, and the M.A. Degree will be awarded by the Pondicherry University. Linkages with other French Universities are also being envisaged, so as to enable the students of Pondicherry University to undertake research and higher studies in France.

Every year, the students of the French Department are offered a chance by the French Embassy, New Delhi, to teach the English language in various regions of France for a period of one year. This also gives them an opportunity to do some courses in French Universities, and also to have first hand information of life in France. Back in India, they are thus able to fare well in their professional lives.

JOB OPPORTUNITIES

All the students, after their Post – Graduation are absorbed as Assistant Professors, Teachers, Translators and Executives in companies like Renault, HSBC, TCS, CTS, HP, Wipro, Ford, GE, British Airways, etc.

INFRASTRUCTURE FACILITIES

The Department has audio and video equipment designed for the teaching of language, as well as browsing facilities.

FACULTY

Professors

S. Pannirselvame, Ph.D.

(Pondicherry University, Puducherry)

Specialization: French Language, French Linguistics, Translation, and Teaching of French as a Foreign language.

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

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

Assistant Professors

Ananda Vadivelou, DEA (Sorbonne University, Paris III)

Specialization: French Civilization, Business French, Hotel Management and Tourism.

C. Thirumurugan, Ph.D.

(Pondicherry University, Puducherry)

Specialization: French Literature and Comparative Literature.

Sarmila Achari, M.Phil.

(Pondicherry University, Puducherry)

Specialization: French Literature and Comparative Literatures.

Jayapal Sharmili, M.Phil. (Pondicherry University)

Specialization: French and Francophone Literatures

Ritu Tyagi, Ph.D.(Louisiana State University)

Specialization: French and Francophone Literatures, Women's Writing

DEPARTMENT OF HINDI

School of Humanities

Department of Hindi is offering educational programmes since past 18 years. It has emerged as a strong Department since 1993. The Department has a strong potential in research programmes and it facilitates for intensive study and research in different areas of Hindi Language and Literature and its applied and functional aspects such as translation, Comparative studies, other discourses etc. Syllabus of the Hindi Department is based on the Model Syllabus of University Grants Commission. Faculty members of the Department have designed 13 Soft Core courses which are offered both in Hindi and English medium and 15 Elective programmes. Department is playing a vital role in spreading E-Literacy in the area of computing in Indian Languages. Best practices in teaching, learning and evaluation process are through Seminars, class tests, group discussions and use of ICT in teaching.

● PROGRAMMES OF STUDY

M.A. Hindi

Integrated M.A. - Ph.D. in Hindi

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 DBHP 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.A. all question papers will have objective type questions for 100 marks. The questions will be related to Hindi Language and Literature of Under Graduate level for M.A Entrance Examination. Ph.D. entrance Examination will be of Post- Graduate level to test the comprehensive understanding of History of Hindi Literature, Hindi Language and the research aptitude of the candidate.

INFRASTRUCTURE FACILITIES

The Department has good infra-structural facilities including interactive class rooms, LCDs and other teaching aids to assist teachers and student in their pursuit of academic excellence. Computers with internet facility.

AIM AND VISION

The vision and mission of the Department of Hindi is to enhance the efficiency and proficiency of the Scholars and Student in the filed of Language and literature. The Department envisages a creative environment and an atmosphere of learning by facilitating multi-disciplinary interaction. It aims to inspire the students to pursue the inherent urge to gain knowledge

through various activities. To encourage creative writing and cultural activities are encouraged through participation in FM Radio, publishing departmental magazine and Wall magazine.

RESEARCH & EXTENSION ACTIVITIES

Faculty Members are engaged in Major Research Projects funded from University Grants Commission. Faculty members are engaged actively in the extension activities such as spreading E-Literary, developing e-content, referees, editors in National Journals and are members in National Committees.

PLACEMENTS

Hindi Post Graduates have wide scope in various organizations such as Central Govt. and State Govt. organizations, Public Sector Undertakings, Govt. Enterprises, Public Sector Banks, Media and Publication Houses, etc. as Translators, Hindi Officers, Editors; and in Educational Institutions of various levels as Teachers, Lecturers, Professors etc.

Our students are represented from various states of all over the Country. Many students have cleared UGC-NET and JRF Examinations. Our students have been placed well in various Govt. organizations, Universities, Banks and other Organizations. Special orientation programmes are being conducted for the students for the development of skills and better employability.

FACULTY

Professor

V. Vizialakshmi, Ph.D., D.Litt.

(B.R. Ambedkar University, Muzaffarpur)

Specialization : Medieval and Modern Poetry, Hindi Fiction and Comparative Literature

Assistant Professors

S. Padmapriya, Ph.D.

(Sri.Venkateswara University, Tirupati)

M.Phil (Hyderabad University, Hyderabad)

Specialization: Modern Poetry, Drama, Functional Hindi and Translation.

Pramod Meena, M.Phil (University of Delhi)

Specialization: Cinema and Media Studies, Linguistics and Hindi Drama

C. Jaya Sankar Babu, Ph.D. (University of Mysore, Mysore)

Specialization: Journalism, Functional Hindi, Hindi Language and Literature and Language Computing

DEPARTMENT OF SANSKRIT

School of Humanities

The Department of Sanskrit started functioning from the 7th August 1988 and it aims to train students who are oriented towards research and teaching in advanced areas of Vedanta, Nyaya, Yoga, Vyakarana, Literature and Literary Criticism. Besides week-end Seminars, Sanskrit general studies and coaching for NET/JRF are also provided.

● PROGRAMMES OF STUDY

M.A. Sanskrit

Ph.D. Sanskrit Full-time & Part-time (Internal & External)

Certificate Course in Sanskrit (Add-on)

● ENTRANCE EXAMINATION

The entrance examination for admission to M.A. programme will include questions of B.A. Sanskrit or Sastri level on the following topics: Prose, Poetry, Drama, Historical Kavya and Alankaras. Candidates seeking admission to M.A. should have 50% of marks in Sanskrit in graduation.

Admission to Ph.D. is through Entrance Examination which will be of the level of M.A. in the following areas. There will be Seventy objective type questions (MCQ pattern) carrying four marks for each correct answer and minus one mark for wrong answer. There will be three descriptive questions for the 30% mark component.

Dramas:

Abhijnanasakuntalam, Mrchakatikam,
Uttararamacharitam

Poetry

Raghuvamsa (1-2) and Kumarasambhavam (5),
Meghadutam

Grammar

Samjna, Sandhi, Karaka, Samasa, Linguistics and Nirukta

Alankara

Kavyadarsa, Dhvanyaloka, Rasagangadhara and
Natyasastram (6)

Darsanas

Vedantasara, Tarka Samgraha Sankhya Karika, Yogasutra,

Upanisad

(Katha, Isavasya & Svetasvatara)

General Sanskrit

INFRASTRUCTURE FACILITIES

Computers with internet facility are available.

FACULTY

Professor:

C. S. Radhakrishnan, Ph.D. (University of Madras)

Specialization: Kavyasastra, Manuscriptology, Indology and Visishtadvaita

Associate Professors

J. Krishnan, Ph.D. (University of Madras)

Specialization: Advaita Vedanta and Nyaya

K. E. Dharaneedharan, Vidyavaridhi (New Delhi)

Specialization: Nyaya, Mimamsa, Advaita, and Visistadvaita

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

Specialization: Vedanta, Sankhya, Yoga, Linguistics and Literature

Assistant Professors

C. Palaiah, Ph.D. (University of Mysore)

Specialization: Kavya Sastra

Anil Pratap Giri, M.Phil,

(Jawaharlal Nehru University, New Delhi)

Specialization: Indian Poetics, Grammar, Navya Nyaya Language & Methodology and Linguistics

DEPARTMENT OF PHILOSOPHY

School of Humanities

The Department of Philosophy started functioning from the academic year 1989-90 and is offering Ph.D., and M.A. programmes. The thrust areas of teaching and research are Metaphysics (Eastern & Western), Epistemology (Eastern & Western) and Social Philosophy (Eastern & Western).

PROGRAMMES OF STUDY

M.A. Philosophy
Ph.D. Philosophy: Full-time & Part-time
(Internal & External)

ENTRANCE EXAMINATION

M.A. The written paper for admission will comprise of objective type questions of the undergraduate level.

Ph.D. The written paper for admission will comprise of subjective type questions of the post-graduate level.

Associate Professors

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

Assistant Professor

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

FACULTY

Professors

V. C. Thomas, Ph.D. (University of Delhi)
Specialization: Phenomenology, Existentialism & Metaphysics

K. Srinivas, Ph.D.
(Jawaharlal Nehru University, New Delhi)
Specialization: Analytic Philosophy, Epistemology (Indian and Western), Philosophy of Science & Modern Logic



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
Integrated M.P.Ed. - Ph.D. in Physical Education
Integrated M.P.Ed. Physical Education(5 years)
Ph.D. Physical Education & Sports
 Full-time & Part-time (Internal & External)
P.G. Diploma. Health Fitness & Life Style Management

ENTRANCE EXAMINATION

M.P.Ed., - Five years Integrated : The questions are drawn from General Knowledge, Health Educations, current Sports, Physical Education, Yoga, General English, Physics, Chemistry, Biology, Mathematics at +2 level with equal weightage.

(a) Physical fitness - 3 tests (practical) Marks	= 25
(b) Proficiency in games (practical) Marks	= 25
(c) Entrance Examination (Objective Type) Marks	= 50

Total 100 Marks

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 drawn from the following subjects:

Anatomy & Physiology, Measurement and Evaluation, History of Physical Education, Principles of Physical Education, Camping, Sports Management, Methods in Physical Education, Psychology, Yoga, General Knowledge, 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) Marks	= 25
(b) Proficiency in games (practical) Marks	= 25
(c) Entrance Examination (Theory) Marks	= 50

Total 100 Marks

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, General Knowledge, Sports Medicine and Sports Management 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, a turf wicket cricket ground, a Physical Fitness Centre and Physiotherapy Lab and computer lab.

FACULTY

Professors

D. Sakthignanavel, Ph.D.

(Annamalai University, Annamalai Nagar)

Specialization: Physical Education, Exercise Physiology, Training Methods, Sports, Psychology and Yoga.

P. K. Subramaniam, Ph.D.

(Pondicherry University, Puducherry)

Specialization: Physical Education, Kinesiology, Yoga and Volleyball.

D. Sultana, Ph.D. (Alagappa University, Karaikudi)

Specialization: Physical Education, Measurement & Evaluation and Basketball., Research Methodology, Exercise Physiology and Yoga.

Associate Professors

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

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

G. Vinod Kumar, Ph.D.,

(Manonmaniam Sundaranar University, Tirunelveli)

Specialization: Physical Education, Sports Medicine, Biomechanics in sports, Research methods in Physical Education, Anatomy and Physiology, Applied Kinesiology, Sports Psychology and Yoga.

Reader

M. Elayaraja, Ph.D.

(Annamalai University, Annamalai Nager)

Specialization: Physical Education, Sports Training Methods, Exercise & Disease Management, Sports and Multimedia, Cricket, Tennis.

Assistant Professors(Senior Scale)

K. Tiroumourougane, M.Phil.

Specialization: Physical Education, Exercise Physiology, Cricket and Yoga.

Assistant Professors

R. Ram Mohan Singh, Ph.D. (Bharathidasan University, Tiruchirapalli)

Specialization: Physical Education, Sports Psychology, Training Methods Cricket and Yoga.

A. Praveen, Ph.D. (Tamil Nadu Physical Education and Sports University, Chennai)

Specialization: Physical Education, Sports Management, Sports Physiology, Football, Athletics and Nutrition and Training Methods.

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 of Proficiency Course (under CBCS, for 2 semesters) in :
 - French
 - German
 - Spanish
 - Italian
 - Russian
 - Japanese
 - Chinese
 - Korean
 - Arabic

FACULTY

Centre Head

Nalini J. Thampi, Ph.D.

(CIEFL, Hyderabad)

and Well qualified GUEST FACULTY in each of the aforementioned languages

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. and P.G. Diploma programmes in collaboration with the Department of Philosophy.

● PROGRAMMES OF STUDY

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. K.A. GUNASEKARAN
Department of Performing Arts

Sri Sankaradass Swamigal School of Performing Arts started functioning from 1988-1989. It was renamed as School of Performing Arts from the academic year 2007-08. Ever since its inception, the School of Performing Arts has dedicated itself to excellence in instruction and expansion in its

activities by training students for taking up unique career growth in the field of Theatre, Social Work, Education, T.V and Film. All along, the goal of the School has been to further enhance its reputation by imparting knowledge in all walks of life to the students and make them creative in their endeavor

in the field of Performing Arts. The school itself comprises the Department, namely Department of Performing Arts. The School also offers M.P.A., M.Phil, PGDTA (Add on Evening Course) and Ph.D. Programmes.



DEPARTMENT OF PERFORMING ARTS

School of Performing Arts

Department of Performing Arts has been started functioning from the academic year 1988-1989 and it offers Regular M.A., Drama & Theatre Arts and Integrated M.A., - Ph.D., in Drama and Theatre Arts and PGDTA – Post Graduate Diploma in Theatre Arts (Add on Evening Course) and Regular Ph.D. Programmes.

● PROGRAMMES OF STUDY

M.P.A. Drama and Theatre Arts
Integrated M.P.A. - Ph.D. Performing Arts
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:

For the M.P.A programme, the candidate must be a graduate in any subject with marks prescribed by the Pondicherry University. The entrance examination 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)

Ph.D. Drama and Theatre Arts:

The candidate posses a master degree in Drama and Theatre Arts/ Performing Arts/ Fine Arts/ Visual Art/ Music/ Dance/Electronic media/ Literature or related disciplines with marks prescribed by Pondicherry University. The entrance examination is in the format of answering 100 objective type questions from the Drama and Theatre Arts / Performance studies and related subject in Post - Graduate level. M.P.A (Drama and Theatre Arts) (Refer to M.Phil & Ph.D. Drama & Theatre Arts Model Question Bank in our Pondicherry University website).

FACILITIES AVAILABLE AT THE SCHOOL

The Department of Performing Arts has created infrastructure in terms of providing Departmental Library exclusively meant for books on Performing and Fine Arts, Computer with Internet facilities. In addition, the Department of Performing Arts has its own Three Studio- Theatres. Sri Sankaradass Swamigal Lab is designed for the Stage Rehearsals and Performance, fully equipped with Audio-Video systems, Pammal Sambandha Mudaliar Lab for Technical Design classes and Multimedia Productions and T.K.S Brothers Lab for Movement, Voice and Scenic Design classes and Seminar Purpose. Apart from these there is an Open-Air Theatre and a Roof top theatre for multiple purpose usages. There are separate facilities available for Film Screenings and Film Appreciation courses, conducting Theatre-Workshops, organising Seminars and Special Lectures by eminent scholars from various fields as part of the programs of Performing Arts.

CAREER PROSPECTS

Upon the completion of the course, the student can work in the avenues like Schools and Colleges as the Drama Teachers and Cultural Co ordiantors / Trainers. They can get the job opportunities in the Government Departments like Song and Drama Division, South Zone Cultural Centre, AIDS Project Cell, Social Awareness Projects, N.G.O's, and Departments of National and International universities and Colleges, Theatre Reportaries and also in the field of Acing, Direction and Technical Designer in the Government and Private Satellite T.V. Channels and Film Media and their Production Companies. The students can also pursue his research or practice independently in the field of Performance and related subjects. Throughout the years, the School has established a national reputation as a center where young people successfully attain talents and skills for careers in theatre and theatre related Arts, live and documented productions, advertisement and motion picture in relation to the requirements of the cultural Institutions/Organisations.

THRUST AREAS OF THE DEPARTMENT

- Methodologies in Acting, Direction and Technical Designs
- Contemporary movements in performance and its relevance
- Performance as the medium for developing the culture in society
- Importance of Theatre in Education and community development
- The significance of new methodologies in performance practices
- Providing probabilities to do cross cultural performance and Media practices
- History of Tamil Theatre studies through Ancient Tamil Literature, Inscription and Sculpture
- Discovery of theatrical aspects as depicted in Sangam Literature
- Configuration of Modern Theatre Arts from Traditional Arts

AIMS & OBJECTIVES

The School /Dept. aims at developing the best practice and research under the 'Performance Tradition' of the world; the School provides training in the fundamental principles of understanding the performance traditions internationally with different modes of presentations, various techniques, styles and systems employed in the form of creative communications as part of the syllabus.

It also intends to provide more insights on Cultural Heritage of India, by guiding and grading to make the students to realize that they are the inheritors of the glorious past cultural history of India. Since the Art of Theatre is a product of Scientific and

Artistic creation, the courses are structured in such a way so as to impart the students a clear Interdisciplinary approach, encompassing all aspects of human life and also to explore all the possibilities of performance and translate the same through the Stage and other medium.

It also provides a platform to the students to more about the glorious history of the Performing Arts and other related disciplines in order to enhance the creative skills like Acting, Direction, Theatre Techniques and Design, Applied Theatre, Community Theatre and inter-disciplinary productions.

FACULTY

Professors

K. A. Gunasekaran, Ph.D.,

(Madurai Kamaraj University, Madurai)

Specialization: Folk Theatre, (Folk Arts, Literature), Music in Theatre, Modern Play Writing, Play Design & Direction, Tamil Art and Literature, Dalit Theatre, Musical Theatre, Sangam Literature, Classical Theatre.

R. Raju, Ph.D.,

(Tamil University, Tanjore)

Specialization: Stage Craft, Film Acting, Theatre Architecture, Direction and Yoga.

Associate Professor

V. Arumugham, Ph.D.

(Pondicherry University, Puducherry)

Specialization: Modern Choreography, Direction, Props and Vertical Theatre, Eunuch Theatre, Acting, Theru-K-Koothu, Play Writing and Script Writing.

Assistant Professors

K. R. Rajaravivarma, Ph.D.

(University of Madras, Chennai)

Specialization: Acting, Actor Training, Movement and Choreography, Theatre Therapy and Theatrical Martial Arts.

Prabhath Bhaskaran, Ph.D.

(University of Hyderabad, Hyderabad)

Specialization: Actor Training and Theatre Making, Cross Cultural Theatre, Asian Traditional Theatre and Aesthetic of Modern Performance.

Saravanan Velu, Ph.D. (Tamil University, Tanjore)

Specialization: Children Theatre, Theatre and Education, Play Writing and Creative Writing Exclusively for Children.

M. Subbiah, Ph.D.

(M.S. University, Tirunelveli)

Specialization: Acting, Folkloristics, Indigenous Arts, Theatre for Social Change, Film and Television Media, Development Communication, Writing for Media, IEC/ BCC / IPC, Media Management, Public Relations Management & Event Management.

Instructors

P. Murugavel, M.Phil.

(Pondicherry University, Puducherry)

Specialization: Classical Music, Folk Music, Music for Theatre, Dalit Theatre and Costume Design.

L. V. Nagabhushana Rao, Ph.D.

(University of Hyderabad, Hyderabad)

Specialization: Set Design, Stage Craft, Mask Making, Property Design, Stage Management and Community Theatre.



SCHOOL OF SOCIAL SCIENCES AND INTERNATIONAL STUDIES

Dean: Prof. N. K. JHA

Department of Anthropology

Department of Sociology

Department of Social Work

Department of History

Department of Politics and International Studies

Centre for European Studies

UNESCO Madanjeet Singh Institute of South Asia Regional Cooperation (UMISARC) & Centre for South Asian Studies

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 and urban populations.

● PROGRAMMES OF STUDY

M.A. Anthropology

Ph.D. Anthropology

The programmes offered are highly innovative and challenging. With students drawn from different parts of India, the Department provides an excellent academic curriculum that has enabled the students to get positions in the emerging 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.

Ph.D.: The entrance examinations for admission to 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.

SPECIAL GRANTS

Major research projects were received from University Grants Commission, Indian Council of Medical Research, and Ministry of Social Justice Empowerment etc.

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.

EMPLOYMENT ORIENTATION

Students of the Departments find placement in Anthropological Survey of India, Social and Tribal Welfare departments and Non-Governmental Organizations (NGO).

FACULTY

Professors

T. Subramanyam Naidu, Ph.D. (Mysore University, Mysore)

Specialization: Cultural Anthropology, Tribal Studies, Nutrition and Health studies, Endangered Human Populations, Forecasting and Assessment studies.

A. Chellaperumal, Ph.D. (Madras University, Chennai)

Specialization: Socio-Cultural Anthropology, Anthropology of Religion, Tribal Folklore, Ethnopoetics.

Assistant Professors

Jesurathnam Devarapalli, Ph.D.

(Andhra University, Andhra Pradesh)

Specialization: Socio-Cultural Anthropology, Ecological Anthropology.

Valerie Dkhar, Ph.D. (NEHU, Shillong)

Specialization: Cultural Anthropology, Ecological Anthropology, and Tribal Development.

Ajeet Jaiswal, Ph.D., (Delhi University, Delhi)

Specialization: Physical/ Biological Anthropology, Archeology, Demography, forensic Anthropology and Nutritional Anthropology.

Rajesh Gururaj Kundargi, Ph.D.

(Karnatak University, Dharwar)

Specialization: Social-Cultural Anthropology, Medical Anthropology, Cognitive Anthropology, Reproductive Health and Research Methods.

DEPARTMENT OF SOCIOLOGY

School of Social Sciences and International Studies

The Department of Sociology was established in January 1993. The students were admitted to M.A and Ph.D programmes from 1993-94 academic year and the M.Phil programme was introduced from 1996-97. The Post-Graduate Diploma in Rural Development was launched from 2009-2010. 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 building upon the traditions of the discipline. The students are encouraged to acquire critical reading and data analysis skills through rigorous training. The research areas undertaken by students and faculty members cover wide range of issues of public concern like the effects of economic development on society and culture, problems of weaker sections, gender and society, disaster management, environmental issues, social movements, etc.

The Department equips students for a variety of careers including but not limited to: academics, civil services, activism and advocacy. The alumni are employed in reputed governmental as well as corporate organizations in India and abroad.

● PROGRAMMES OF STUDY

M.A. Sociology
M.A. Sociology (Five Year Integrated Course)
Ph.D. Sociology
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.A. (Five Year Integrated Course) The entrance examination for Five Year Integrated Course will consist of objective type questions for 100 marks covering +2 syllabus in Sociology and general awareness.

Ph.D.: The entrance examination for Ph.D. will consist of 100 objective questions on general sociology, sociological theories, Indian society and research methodology at the P.G. level.

FACILITIES

- Computer Laboratory with internet facilities.
- Rich collection of books, journals and reports in the Library.
- Class room with modern instructional equipment.

FACULTY

Professor

Bibhuti Bhusan Mohanty, Ph.D.

(Sambalpur University, Sambalpur)

Specialization: Agrarian Change, Economic Sociology and Sociology of Development.

Associate Professor

G. Ramathiratham, Ph.D. (University of Poona, Pune)

Specialization: Sociological Theories, Rural and Urban Sociology, Industrial Sociology, Sociology of Banking.

Reader

Sudha Sitharaman, Ph.D. (ISEC, Bangalore)

Specialization: Sociology of Religion and Sociology of Social Movements.

Dr. Gulam K. Dasthagir, Ph.D.

(University of Madras, Madras)

Specialization: Development Sociology, Gender and Development, Irrigation and Water Resource Management, Rural Governance, Higher Education, Social Movements, Poverty and Social Exclusion.

Assistant Professors

C. Aruna, Ph.D., (Bharathiar University, Coimbatore)

Specialization: Gender Studies, Social Network and Migration Studies.

Pradeep Kumar Parida, Ph.D.

(Utkal University, Bhubaneswar)

Specialization: Sociology of Development, Sociology of Disaster and Sociology of Education.

Mansy .M, Ph.D. (University of Kerala, Thiruvanthapuram)

Specialization: Migration Studies, Public Health and Development Sociology.

Imtirenla Longkumer, M.Phil.

(Jawaharlal Nehru University, New Delhi)

Specialization: Gender Studies, Material Culture Studies and Sociology of Religion.

DEPARTMENT OF SOCIAL WORK

School of Social Sciences and International Studies

Established in October 2007, the Department's vision is to become a leading institution for innovative, interdisciplinary approaches in educating social work practitioners and scholars, conducting research, and serving as a catalyst for positive social transformation.

PROGRAMMES OF STUDY

Master of Social Work (MSW)

Ph.D. (Social Work)

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

P.G. Diploma in Industrial Relations and Labour Laws (Add-On)

ENTRANCE EXAMINATION

Admission to the MSW will be based on an All India entrance examination conducted by the University. The question paper for MSW programme shall consist of multiple choice 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 for Ph.D. programme shall also consist of multiple choice questions for 100 marks drawn from various fields of social work.

THRUST AREAS OF RESEARCH AND TEACHING

Community Development, Mental Health, Families and Children, Disability Studies, Disaster Management, Elderly Care, Gender Studies, World of Work

ACADEMIC PERSPECTIVE

The MSW programme offers specializations in Community Development, Human Resource Management and Medical & Psychiatric Social Work. Apart from classroom teaching, the MSW students shall undergo concurrent and block fieldwork in various government and nongovernment organizations, industries and hospitals. This practical training enables the students to acquire professional social work skills, values and ethics.

MANDATORY FIELD ORIENTATION

■ The I MSW students will be oriented to the social work profession soon after their admission. Duration of the programme shall be ten days. Attendance in the orientation programme is compulsory.

■ The MSW programme includes concurrent and block fieldwork, rural camp, study tour, extension work as part of the curriculum which is compulsory for all the students. The students have to bear the expenses of the above mentioned field activities.

PLACEMENT

Social Work graduates have wide scope in various sectors – Development, Government, Public Sector, Health, Corporate, and National and International funding agencies. Our students are employed in leading organizations such as BHEL, TCS, Ford, Prime Ministers Rural Development Fellowship Scheme, HCL, ICDS, JIPMER, Bengaluru International Airport – to name a few.

FACULTY

Professors

Srilatha Juvva, Ph.D. (National Institute of Mental Health and Neuro Sciences, Bengaluru)

Specialization: Mental Health, Disability Social Work, Psychosocial Care in Disasters, Counselling and Therapeutic Interventions with Individuals, Groups and Families, Spirituality and Social Work.

Associate Professors

R. Nalini, Ph.D. (University of Delhi, New Delhi)

Specialization: Social Work and the Work Place, Gender and Work, CSR, Social Work Research, Women and Disability, Social Work in Educational Setting.

Reader

A. Shahin Sultana, Ph.D. (University of Madras, Chennai)

Specialization: Social Work with Families and Children, Early Childhood Care and Development, Social Case Work and Counselling, School Social Work, Social Work Research, Women and Youth Welfare.

Assistant Professors

K. Anbu, Ph.D. (Bharathiar University, Coimbatore)

Specialization: Social Work and the Work Place, Human Resource Management, Industrial Relations, Community Social Work, Social Work Research.

C. Satheesh 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, Social Work in the field of HIV/AIDS, sexuality and LGBT.

Iftekhhar Alam, MSW (Aligarh Muslim University, Aligarh)

Specialization: Community Development and Human Resource Management, Social Work with Elderly.

DEPARTMENT OF HISTORY

School of Social Sciences and International Studies

The Department of History was established in December 1987 with following main objectives:

- To provide facilities for study and research in social, economic and cultural history of India
- To highlight the intellectual tradition and cultural heritage of India
- To explore the history of countries other than India
- To undertake the study of historiography and the philosophy of history
- To provide knowledge of the theory and practice of historical writing

● PROGRAMMES OF STUDY

M.A. History
M.A. History (5 Year Integrated)
Ph.D. History

● ENTRANCE EXAMINATION

M.A. History (2 years):

The selection is based on an Entrance Test of 2 hours duration at the graduate level. The question paper consists of 100 objective type questions, testing the students' comprehensive understanding of the ancient, medieval and modern periods of Indian History.

M.A. History (5 year Integrated):

The selection is based on an Entrance Test of 2 hours duration at +2 level. The question paper consists of 100 objective type questions, of which 20 questions are from English and General Knowledge and 80 questions are distributed among World History, Indian History and Indian Constitution.

Ph.D. History (Full-Time):

For the 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 Historiography, History of India and Indian Archaeology.

INFRASTRUCTURE FACILITIES

The Department has been inducted under the University Grants Commission's Special Assistance Programme (UGC-SAP) and has an ongoing research on Socio-Cultural Change in South India through the ages. The Department is equipped with Smart Class Room facility for ICT integrated teaching. It has all the sophisticated equipment such as LCD projectors, public address systems, etc., for effective teaching. State-of-the-art survey and excavation equipment are used in archaeological, archival and historical data collection, analysis and report writing.

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

Professors

Venkata Raghatham, 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.

G. Chandhrika, Ph.D.

(Annamalai University, Annamalai Nagar)

Specialization: Modern History, Intellectual History of Modern India, Historiography and Women's History.

Associate Professors

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: Ancient Indian History, Field Archaeology, Archaeology of South India, Rock Art of India, Indian Numismatics and Indian Epigraphy.

Assistant Professors

Mohammed Mustafa, Ph.D.

(University of Hyderabad, Hyderabad)

Specialization: Modern Economic, Social, Cultural and Environmental History and Indian National Movement

Paokholal Haokip, Ph.D.

(Jawaharlal Nehru University, New Delhi)

Specialization: Modern History, Overseas Slave Trade, Diaspora Studies, Colonial History of North East India and North West Burma and Genocide Studies.

DEPARTMENT OF POLITICS AND INTERNATIONAL STUDIES

School of Social Sciences and International Studies

The salient features of the Department include:

- 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.A. Political Science (Five Year Integrated)
Ph.D. Politics & International Studies (Full-time & Part-time (Internal & External))
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 in the areas of contemporary International Relations, Indian History, Politics, and Foreign & Security Policy of India, General Knowledge and General English.

For **M.A.** in Political Science (Five Year Integrated), the question paper will consist of objective type questions of Plus Two level in the areas of Social Sciences, Humanities, General Knowledge and General English.

For **Ph.D.** programme, 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 international finance and Peace and Conflict Resolution.

INFRASTRUCTURE FACILITIES

The Department has good infra-structural facilities including interactive class rooms, Smart class rooms and other teaching aids to assist teachers and students in their pursuit of academic excellence.

FACULTY

Professors

N.K. Jha Ph.D. (Jawaharlal Nehru University, New Delhi)
Specialization: India's Foreign Policy and Politics, South Asia in International Politics, Theories of International Relations.

D. Sambandhan, Ph.D. (Gokhale Institute, Pune)
Specialization: International Finance, Exchange Rate Economics, Structural Economic Reforms.

P. Moorthy, Ph.D. (Jawaharlal Nehru University, New Delhi)
Specialization: Peace and Disarmament Studies, Science and Technology, Nation Building and Human Resources Management.

Mohanam Bhaskaran Pillai, Ph.D. (University of Kerala, Trivandrum)
Specialization: India's Foreign Policy, South Asian Studies, Political Theory, Development Studies.

B. Krishnamurthy, Ph.D. (M.S. University of Baroda, Baroda)
Specialization: European Studies, Indo – French Relations, and Human Rights.

P. Lazarus Samraj, Ph.D. (Annamalai University, Chidambaram)
Specialization: Indo-U.S. Relations, Terrorism, Indian Politics.

Assistant Professor

G. Rose, M. Phil. (Jawaharlal Nehru University, New Delhi)
Specialization: International Organisation, Theories of International Relations.

Dr. N. K. Kumaresan Raja, Ph. D. (University of Madras)
Specialization: Political Theory Land Administration, Public Policy and Governance, Public Administration, Bureaucracy, Land Tenure Systems and Agrarian Studies.

Dr. Pramod Kumar Ph. D. (Jawaharlal Nehru University)
Specialization: Central Asian and Russian Studies, Energy Security and sustainable development.

CENTRE FOR EUROPEAN STUDIES

School of Social Sciences and International Studies

THRUST AREAS OF TEACHING AND RESEARCH

Major area of teaching and research of the Centre will be European Union in general, with special reference to major countries like France, Germany and the United Kingdom. Within that framework, the following themes will be concentrated:

- European Foreign and Security Policy
- Interregional and Regional Cooperation – Europe and Asia (with special reference to India and China)
- European Economy and Business
- Environment and Development
- Conflict Transformation Studies

OBJECTIVE OF THE CENTRE

- To promote holistic understanding of Europe with its cultural, social and economic moorings and strategic specificities.
- To create a hub of activities on European Studies
- To pursue theory and policy oriented studies and research.

VISION OF THE CENTRE

- To blossom into a Centre of Excellence for European Studies in India
- To provide platform for interdisciplinary teaching and research
- To develop network with Centres for European Studies in India and in Europe
- To enhance the visibility of the EU in India

INFRASTRUCTURE FACILITIES

The Centre has good infrastructure facilities including LCD and other teaching aids to assist teachers and students in their pursuit of academic excellence.

FACULTY

Dr. B. Krishnamurthy
Director



UNESCO MADANJEET SINGH INSTITUTE OF SOUTH ASIA REGIONAL COOPERATION (UMISARC) & CENTRE FOR SOUTH ASIAN STUDIES

School of Social Sciences and International Studies

The University launched Post Graduate Programme (M.A) in South Asian Studies in the Centre for South Asian Studies for the first time in the country during the Academic year 2008-2009 under the XI plan. Since 2008, the South Asia Foundation (SAF) has been supporting the Centre with 16 Madanjeet Singh Group (MSG) Scholarships to students (two- one male, one female from each SAARC country) to pursue this course. The teaching and research in South Asian Studies at Pondicherry University received major fillip with the signing of MoU between Pondicherry University and the SAF on June 20, 2009 for the establishment of the Madanjeet Singh Institute of South Asia Regional Cooperation (MISARC). In the year 2010, the UN Educational Scientific and Cultural Organization (UNESCO) agreed to associate with all the institutions of excellence established by SAF including MISARC of Pondicherry University. Hence, it has been now renamed as UMISARC (U stands for UNESCO). The Institute has thus become truly global.

The Prime Minister of India, Dr. Manmohan Singh, inaugurated and dedicated the Institute on 29 June 2012 for promotion of peace and co-operation among the SAARC countries. The course curriculum of Post Graduate Programme in South Asian Studies has been designed to provide cutting edge knowledge of South Asian history, society, culture, economy, governance, politics etc., from an interdisciplinary perspective. Students are expected not only to develop broad knowledge base to critically understand contentious issues concerning South Asia, but also offer a holistic perspective to address them and contribute towards promoting peace and cooperation in the region. Along with the publication of an *International Journal of South Asian Studies*, the Institute offers a broad research platform for refining academic debates with regular guest lectures by eminent scholars, bureaucrats and Policy makers, etc., besides various academic activities. The Institute offers Ph.D. Programme from the academic year 2010-11.

● PROGRAMMES OF STUDY

M. A. South Asian Studies
Ph.D. South Asian Studies

● ENTRANCE EXAMINATION

For M.A in South Asian Studies, the question paper will have objective type questions with multiple choices in the areas of contemporary South Asian society, culture, politics, economy and foreign policy. For Ph.D programme, the question paper will consist of objective type questions in the areas of contemporary international and South Asian affairs, political systems, economy, history and foreign policy of South Asian countries and research methodology.

- Merit - cum - Means scholarships for eligible students.
- Subject to availability of funds, offering a number of visiting research fellowships to Ph.D.
- Collaboration and exchange programmes with prestigious foreign and Indian Universities.
- Interactions with distinguished Indian and foreign scholars through seminars, conferences, workshops, and lecture series.
- A leading library specializing in South Asian Studies as well as cultural subjects of arts and literature.
- Creating a hub for research on regional cooperation in South Asia through networking with other center of South Asian Studies in the country and overseas.
- Promoting international cultural convergence of talented writers, musicians, dancers and other art practitioners.
- Policy inputs to the policy makers of South Asian countries in general and India in particular for promoting peace, regional cooperation and development.

THE THRUST AREAS OF TEACHING AND RESEARCH

Political Ideas, International Relations Theory, Contemporary International Relations, Government and Politics in South Asia, Foreign Policy of South Asian Countries, South Asian Regional Cooperation, Peace, Stability and Security in South Asia, South Asia in World Affairs as well as Economic Development, Society, Culture and History of South Asia.

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 including Indian students based on gender equity.

INFRASTRUCTURE FACILITIES

The Institute has good infra-structure facilities including computer lab (27 Systems) with internet connections, LCD projectors etc., to support teachers and students in their pursuit of academic excellence. The Institute is housed in a centrally air-conditioned grand UMISARC building with fully furnished and well equipped class rooms, auditorium and seminar hall with state - of - the art audio-visual facilities. The Institute has developed a separate library for teachers, researchers and students, who can access facilities available at this library along with the Central Library.

FACULTY

Professor

Mohanan Bhaskaran Pillai, Ph.D. (University of Kerala)
Specialization: South Asian Studies, IR Theory, Political Economy, Research Methodology and Development Studies

Associate Professor

A. Subramanyam Raju, Ph.D. (University of Hyderabad)
Specialization: South Asian Politics and Security Issues, Comprehensive Security, Maritime and Energy Security

Issues, India-US and India-Sri Lanka Relations.

Assistant Professors

Santhosh Mathew, M. Phil.,
(Mahathma Gandhi University, Kottayam)
Specialization: International Organizations, Political Economy, Comparative Politics.

S. I. Humayun, Ph.D. (University of Madras)
Specialization: Non-Traditional Security Issues in South Asia, Maritime Security Affairs.

D. Purushothaman, Ph.D. (Pondicherry University)
Specialization: Indo-US Relations, Security Issues in South Asia.

SOUTHERN ASIA STUDIES PROGRAMME

School of Social Sciences and International Studies

Sanctioned under the Area Studies Programme of the University Grants Commission in June 2005, this unit functions in collaboration with the Department of Politics and International Studies of the Pondicherry University. The Programme is headed by the Director, who is assisted by a Post-Doctoral Research Associate. SASP focuses on academic activities and research related to Southern Asia including South Asia, South East Asia, East Asia and the South West Pacific regions. In formulating and coordinating its programmes, the SASP is guided by an inter-disciplinary Advisory Committee, chaired by the Vice Chancellor of the University.

● PROGRAMMES OF STUDY

Ph.D. in Southern Asia Studies

● ENTRANCE EXAMINATION

The question paper will consist of objective type questions in the areas of Contemporary International affairs, research methodology and political system, economy, history and foreign policy of India and a few important countries of Southern Asian region.

It has necessary infrastructure for carrying out research activities. A separate section has been allocated for Southern Asia in Central and School libraries for researchers working in this field.

FACULTY

Professor and Director
Nalini Kant Jha, M. Phil, Ph. D
(Jawaharlal Nehru University, New Delhi)
Specialization: International Relations Theory, Southern Asian Studies, Indian Politics and Foreign Policy.

Note: A Post-Doctoral Research Associate will be appointed soon. The center is expecting several faculty positions during the 12th plan.

INFRASTRUCTURE

Southern Asia Studies Programme is currently located in School of Social Sciences and International Studies building.

CENTRE FOR WOMEN'S STUDIES

School of Social Sciences and International Studies

Established in July 1999, the Centre offers Ph.D. in Women's Studies. The overall approach to Women's Studies in this Centre is multidisciplinary. The prime aim of the Centre is the creation of a critical awareness and sensitivity towards women's issues in every field. 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

Ph. D. Women's Studies (Full-time & Part-time (Internal & External))

P.G. Diploma in Women's Studies (Add on)

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

INFRASTRUCTURE FACILITIES

Computers, Overhead projector, Colour television, VCR, Slide projector, Audio system, LCD projector.

FACULTY

Associate Professor

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, Gender studies.

Assistant Professor

Ms Aashita

Specialization: Feminist theory, Feminism in the Third world, Gender Studies

CENTRE FOR STUDY OF SOCIAL EXCLUSION AND INCLUSIVE POLICY

School of Social Sciences and International Studies

The Centre for Study of Social Exclusion and Inclusive Policy is an interdisciplinary centre 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

Ph.D. (in P.G. Discipline) with Social Exclusion and Inclusive Policy

ENTRANCE EXAMINATION

The entrance examinations for admission to Ph.D. Programme 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 100 marks.

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.

Assistant Professor

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: Economic - Agrarian studies, land reforms, labour, poverty, social and economic problems of Scheduled Castes & marginalized groups.

A. Chidambaram, Ph.D.

(Bharathiar University, Coimbatore)

Specialization: Social Work – Community Development; Disability & Education; Reproductive Child Health.

SCHOOL OF EDUCATION

Dean: Prof. M. S. Lalithamma

The School of Education was established in 2007 with a nucleus of Department of Education initially offering Master course in Education. It has expanded its functioning after the appointment of the full fledged faculty in 2009. In addition to M.Ed. programme which is approved by the SRC, NCTE, Bengaluru, the School offers Ph.D. and other programmes.

With its competent faculty, the School offers various programmes. The Masters in Education provides opportunities for the capacity building of future teacher educators. The specialization areas include Educational Technology, Teacher Education, Economics of Education, Educational Planning and Administration, Value Education Environmental Education and Guidance and Counselling. The Ph.D. programme is offered in 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 and Regional 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 (Add-on)

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 Education is offered to women candidates who have passed at least +2 in order to promote preprimary education and women entrepreneurship in Popularising Preprimary Education in Rural Areas. Admissions are based on an entrance test and interview.

INFRASTRUCTURE FACILITIES

School of Education has a modest Multi-Media Laboratory equipped with latest gadgets, internet and LAN connectivity, Educational software, data analysis 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.

There are more than 4000 books related to Education and allied disciplines with 2600 titles available in the central library. More than 10 Journals – National and International in addition to e-journals are available including ERIC full text.

RESEARCH & EXTENSION ACTIVITIES

Faculty members are working on projects funded from UGC, DST, ICSSR, NCERT, SSA and other national institutes. All most of them are recognised supervisors for guiding Ph.D. candidates. At present there are 21 Full-time Research scholars out of which 9 are JRFs receiving fellowship from UGC, Rajiv Gandhi National Fellowship, NCERT Fellowship and others are offered University scholarship. In addition, there are 9 part-time in-service Ph.D. Candidates. 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.

SPECIAL ASSISTANCE PROGRAMME (SAP)

School of Education has obtained fresh induction under Special Assistance Programme (DRS-I) of UGC, New Delhi for five years from 2011.

PLACEMENTS OF OUR ALUMNI

In 2012 Batch 11 students have cleared NET Examination and three are eligible for JRF of UGC making the total of 34 since the inception of M.Ed programme. 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 / part-time Ph.D. in Education.

Some of the fulltime Research Scholars of the School are recipients of NCERT Research Fellowship and Rajiv Gandhi National Fellowship for pursuing Ph.D in Education.

Forty students have become B.Ed college lecturers; One Assistant Professor; Two DIET lecturer; One Health Assistant in Primary Health Centre and Six got through TET Examination and become Government School Teachers.

FACULTY

Professor

M. S. Lalithamma, Ph.D. (M.S. University of Baroda)

Specialization: Research Methodology & Statistics in Education, Psychology of Education, Measurement & Evaluation, Teaching & Teacher Effectiveness; Elementary Education, Microteaching & Teacher education.

Associate Professors

Mumtaz Begum, Ph.D. (University of Madras)

Specialization: ELT Vocational Education, Special Education, Distance Education, Higher Education, Women Education & Teacher Education, Neuro linguistics and Blended learning.

M. Balamurugan, Ph.D. (Annamalai University)

Specialization: Mathematics Education, Educational Planning and Administration, Teacher Education, Educational Psychology, Value Education, Bio-Psychology & Statistics in Education.

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

Specialization: Research Methodology, Cognitive Science, Reflective practices, Psycho linguistics, Neuro-linguistics, Portfolio Writing, English Language Teaching and Teacher Education

Assistant Professors

Vijayakumar. R, M.Phil.,

Specialization: Philosophy of Education, Research Methodology, Multi-Media Technology of Education, Teacher Education, Environmental Education, Educational Technology & Guidance and Counselling.

Amruth G Kumar, Ph.D. (M. G. University)

Specialization: Information Skills, Economics of Education, ICT in Education, Psychology of Education, Critical pedagogy.

Sreekala.E, Ph.D.

(Regional Institute of Education, Mysore)

Specialization: Sociology of Education, Special Education, Higher Education, School Education, Social Psychology and Blended Learning Methodologies.

CENTRE FOR ADULT AND CONTINUING EDUCATION

School of Education

Established in 1989, the Centre offers Ph.D. in Adult and Continuing Education (Inter Disciplinary). The centre is an interdisciplinary one which provides facilities for intensive training and overall approach to extension and field outreach activities. The prime aim of the centre is to create critical awareness towards literacy, population education, extension programmes, youth development, social problems and societal issues. A holistic approach to outreach studies is envisaged.

● PROGRAMMES OF STUDY

Ph.D. Adult and Continuing Education -Inter Disciplinary [Full-time & Part-time].

● ENTRANCE EXAMINATION

The entrance examinations for admission to Ph.D Programmes, the question paper will consist of objective type of questions in the areas of General Knowledge, General English, Research Methods and Statistics.

THE THRUST AREAS RESEARCH

- Extension, Field Outreach and Community Development
- Continuing Education
- Non-Formal Education
- Societal Issues and Social Problems
- Youth Development

INFRASTRUCTURE FACILITIES

Computer, Overhead Projector, Colour television, DVP, LCD Projector, Free Internet Access.

FACULTY

Associate Professor

K. Devan, Ph.D. (Pondicherry University, Puducherry)

Specialization: Anthropology, Youth Services, Social Problems, Extension and Field Outreach Activities, Societal Issues and Community Development.

SCHOOL OF MEDICAL SCIENCES

Dean (i/c): Dr. S. MAHADEVAN

The University at present does not offer any programme directly by the School of Medical Sciences. However, the University has entered into MOU with the following three independent affiliated Medical Colleges having associated Hospital/Research Centers, and located at different geographical areas within Pondicherry.

Pondicherry Institute of Medical Sciences,
Sri Manakula Vinayagar Medical College and Hospital
Sri Venkateswara Medical College and Research Center

These institutions are headed by respective Directors/ Principals. The School of Medical Sciences is headed by the Dean while the administrative functions of the School with these various institutions are executed through the University Academic Section and the University Co-ordinator.

Each Medical Institution offers the regular MBBS graduate medical program that is recognized by the Medical Council of India, and has a yearly intake of 100/150 students, as per state regulations and categorizations. In addition, these institutions will offer the following five M.Sc. Programmes in Basic Clinical Sciences, each of 3 years duration, under the administrative control of the School of Medical Sciences and was started in the academic year 2011-12:

● PROGRAMMES OF STUDY

M.Sc. Medical Anatomy
M.Sc. Medical Physiology
M.Sc. Medical Pharmacology
M.Sc. Medical Biochemistry
M.Sc. Medical Microbiology

● ENTRANCE EXAMINATION

The admission process for the courses will be conducted at the Pondicherry University campus. Information on admission schedule and vacancy position will be posted on the University website during the admission period. Candidates will be selected to each program based on their entrance score and category subject to availability of seat. The fee for each M.Sc program will be rupees 1,27,775 per annum for graduates from Indian Universities.

These programs are approved by the University in conformity with UGC regulations. Each of these programs will have an intake of 6 students. Admission to these programs will be on the basis of an entrance exam conducted by the University.

INFRASTRUCTURAL FACILITIES

The M.Sc programs will be conducted in the partnering institutions, where classrooms and laboratory facilities for these programs are well established. The Teaching faculty for these various programs are from the Medical fraternity of these institutions. Following completion of each program, the degree certificate shall be issued to each student by the Pondicherry University at the Convocation.

UNIVERSITY CO-ORDINATOR

K. SRIKUMAR, Ph.D.

Head, Dept. of Biochemistry & Molecular Biology,
Pondicherry University.

SCHOOL OF MEDIA & COMMUNICATION

Dean : Pradeep Krishnatray

Department of Electronic Media and Mass Communication
Department of Library and Information Sciences.



DEPARTMENT OF ELECTRONIC MEDIA AND MASS COMMUNICATION

School of Media & Communication

Established in 2007, the Department today offers two courses: M.A. in Mass Communication, and M.Sc. in Electronic Media. The major objective of the Department is to train students in the spheres of journalism, television production, radio production, advertising, public relations, film studies, digital media and photography. Our aim is to nurture cutting edge media professionals with effective communication and critical thinking skills. We work towards preparing young minds with a strong foundation in values and principles, who proactively intervene in the development of a just and humane society.

PROGRAMMES OF STUDY

M.A. Mass Communication
Ph.D. Mass Communication
M.Sc. Electronic Media
Ph.D. Electronic Media
P.G. Diploma in Television Production (Add on)
P.G. Diploma in Journalism and Mass Communication (Add on)

ENTRANCE EXAMINATION

Masters' Degree Courses

The test covers areas like general aptitude, media and society, media and communication, electronic and new media, numerical ability, General knowledge, language and grammar, logical reasoning and computer applications.

Ph.D.

JRF students get direct admission to the doctoral programmes of mass communication and electronic media. All others desirous of seeking admission into any of the two programmes will have to appear for an entrance test. The test covers knowledge of English language, logic, mathematics and subjects taught as part of mass communication and electronic media courses respectively.

ACTIVITIES

The Inquirer – print edition

The Department brings out a students' practice journal titled 'The Inquirer', available online at its own website and in the Publications section at <http://www.pondiuni.edu.in/content/students-journals-inquirer/>

The Inquirer - web journalism and media production

The department has its website to provide a platform for the multimedia production by the students of MA Mass Communication at <http://www.puinquirer.edu.in/>

Radio Production

Students produce programmes for Pudukkottai, a FM Community Radio station of Pondicherry University.

Television Production

Students produce documentaries and short duration video programmes. They engage with socially relevant media projects such as 'Communication of the Rights of the Differently Aabled.'

Photo Journalism

The students are offered intensive training in photo journalism and are encouraged to organize exhibitions and present their work to the community.

Guest Lectures and Workshops

Enrichment lectures by national and international media professionals, and face-to-face and virtual workshops by media practitioners are organised on a regular basis.

CAMPBUZZ – CAMPUS NEWS BULLETIN

The students are encouraged to participate in the video documenting of all major events and programmes of the University such as seminars, workshops, conferences and cultural events. The students publish University Campus News Bulletin called Campbuzz, which is also uploaded in YouTube channel at PUCAMPBUZZ.

PEDAGOGY

The courses lay equal emphasis on theoretical and practical learning including:

INTERNSHIP

Each student undergoes internship for not less than four weeks in a media organization during summer vacation between second and third semesters. After completion, each student submits a report on the experience she/he gained during the internship. The training they get from media houses is particularly helpful in orienting students to the requirements of the industry.

MEDIA PRODUCTION

The convergence of media requires students to be exposed to the application of a variety of media through a single platform. The students do media production in the first semester which includes Lab Journal Production, photo journalism and reporting, writing and editing for print media. They further engage with radio production, television production, web journalism, reporting, writing and editing for electronic media and other courses in the four semesters. Each student participates to create content through any of the following media: print journalism, web journalism, photojournalism, radio, television, film, animation, E-Learning and graphic design.

EMPLOYMENT ORIENTATION

Students get placements in news organizations, advertising agencies, public relations firms, communication websites, television and film industry, centres for media research, non-governmental organizations, and academic institutions.

PLACEMENT

It brings pride to the department to declare that the students have been placed in various media organisations.

ONGOING PROJECTS

2 UGC approved major projects, one major and one minor. In addition, the department is working on profiling the media habits of college students of colleges in Puducherry.

SPECIAL EVENTS

The 2nd International Documentary Film Festival was organized by the Department in December 2012 in association with Films Division and Tamil Nadu Progressive Writers and Artists Association (TNPWAA)

A week long Asian Women's Festival in March 2011 was organized in partnership with the International Association of Women in Radio and Television (IAWRT) India Chapter including Film Screenings, Seminars and Training Workshops in the field of Broadcast Journalism, Television Production, Public Service Advertising and Documentary Film Making.

Two photo exhibitions 'Hope' and 'Work' were organized in October –November 2011 in which first year M. A. Mass Communication students' photographs were showcased. More than 1000 people visited 'Work' exhibition held at Ashram Exhibition House, Beach road.

A national seminar on 'Media Education - Coping with Technology, Culture & Society' was organized in collaboration with ACT TNP from December 2011.

INFRASTRUCTURE

The department has well equipped media labs and studios with the most recent equipment to train students on designing, audio and video editing software including Quark Xpress and Adobe CS5 Master Collection. The equipment includes broadcast quality audio and video equipment and professional digital SLR cameras. Classrooms are furnished with AC as well as teaching aids such as LCD projector and DTH connection which enable the students to keep themselves up-to-date with current affairs 24x7. The following are the key facilities and supporting equipment available in the Department:

A) VIDEO PRODUCTION STUDIO

The Department'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.

C) COMMUNITY RADIO STATION – PUDUVAI VAANI FM 107.8 MHZ

PuduvaiVaani is a recently established FM Radio facility on the University campus. 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. Media students undergo training in the production of radio programmes that includes 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 broadcast.

D) VIDEO ARCHIVES

The Department maintains a video archives on various activities happening in the University. These include the annual convocation ceremony, film festivals, the inauguration of various departments, seminars, workshops and other art and cultural events on the university campus.

The Department 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 for utilizing the resources.

E) 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.

FACULTY

Professor

Pradeep Krishnatray, PhD

Specialization: New Media, Health Communication, Marketing Communication

Associate Professor

S. Arulselvan, Ph.D.

Specialization: Communication Research, E-Content, Journalism (Print & Web), ICT applications for Education, Media Management, Media Content Development.

Reader

D. Nivedhitha, Ph.D.

Specialization: Television Production, Film Production, Gender Studies, Film appreciation, Film Criticism, Screenplay writing, Film making (Fiction and non fiction), Cosmetology, Carnatic Music, Film acting, Advertising and Documentary production, Anthroposemiotics, Film Semiotics.

Assistant Professors

A. Muthamil, M.Sc., M.Phil.

(Electronic Media, Anna University, Chennai).

Specialization: Television Production, Videography, Editing, Film Studies.

V. Santhi Siri., M.F.A, Ph.D.,

Specialization: Visual Arts, Graphic design, Animation, Radio production.

T. Balasaravanan. M.A, Ph.D. (Pondicherry University)

Specialization: Television Production, Non-Linear Editing, Direction, Drama and Theatre Arts, Lighting Design, and Media Arts.

M. Shuaib Mohamed Haneef, Ph.D.,

Specialization: Journalism (Print & Web), online journalism-Citizen Journalism, New Media Research/ ICT – Development, E- Learning, Social Media tools & Learning, Games & Narratives.

Radhika Khanna, M.A.,

Specialization: Anthropeosemiotics, Communication for Social Change, Documentary Media (Photography, Radio, T.V. & Film) Production, Film Studies, Journalism, Public Relations & Corporate Communication, Theatre-in-Education.

Samarjit Kachari, M.A.,

Specialization: Development Communication, Radio production, Reporting & Editing, Communication Theories, Public Relations, International Communication.

Adjunct Faculty

Gopinath S., M.Phil.

Specialization: Photojournalism, Design (Print and web), Journalism.

Guest Faculty

Nicolas Joffroy

(D.E.S.S. Universite Marseille Provence III, France)

Specialization: Advertising, Photography, Visualization and Storyboarding.

EMMRC - EDUCATIONAL MULTI MEDIA RESEARCH CENTRE

School of Media & Communication

Realizing the potential of the use of Electronic Media in Education and to address the needs of Higher Education in our country, the University Grants Commission (UGC) established a Consortium for Educational Communication (CEC) to set up Educational MultiMedia Research Centres (Media Centres) at various Universities to produce e-content and television educational programme software for Higher Educational Television Channel, Vyas and Web.

Pondicherry University Media Centre is 20th such Educational Multi Media Research Centre (EMMRC) established in Puducherry. Staff Recruitment, Equipment purchase and Acoustics for new state of art studios are under process. Padmasree Prof. J.A.K. Tareen, former Vice-Chancellor and Prof. A. Balasubramanian, former Director, Culture & Cultural Relations initiated the process of establishing a Media Centre (EMMRC) at Pondicherry University, Puducherry. Prof. Pradeep Krishnatray, Dean, School of Media & Communication is currently holding charge of EMMRC

MULTI-MEDIA PRODUCTION CENTRE

The Multi-media Production Centre was established during the academic year of 2007-2008 and was inaugurated by Prof. Sukhadeo Thorat, former Chairman, University Grants Commission on 29th March 2008. The Centre is a self-sufficient autonomous production centre with all the state of art video production facilities.

The Multimedia Production Centre is actively engaged in the production of educational video documentaries, animation films, E-lectures, Distance Education Programmes, Academic Staff College Programmes and documentation of important academic events of the University. The Centre also produced 60 documentaries, 3 animation films and 7 E-lectures on diverse topics. Beside, the centre has produced visual documentary for the University Anthem and a documentary on "Pondicherry University – An ultimate destination".

Some of the award winning documentaries of the centre are

20TH UGC-CEC EDUCATIONAL VIDEO COMPETITION (2009-10)

1. The salves of the Lamp- Best Cinematography and Best Scripting
2. Pranthanam-Kirti-Pravannu"(Save heritages for posterity)-Best Animation

21ST UGC-CEC EDUCATIONAL VIDEO COMPETITION (2010-11)

1. The True Survivor(Horseshoe Crab)-Best Programme of the year
Producer: Mr.J.A. Sanjeev kumar, Pondicherry University
2. The True Survivor(Horseshoe Crab)-Best Script
Script writer: Dr. Jayanth Mishra, Pondicherry University
3. Silk the Queen of Fiber-best Camera work
Cameraman: Mr.G.Sivakumar, PondicherryUniversity
4. French Fragrance at Puducherry Best Editing
Editor: Mr. S. Balamurugan, Pondicherry University, Cash Prize: Rs.25, 000/-

5. The Tree- Best Programme for Animation
Animation: Ms. M. Manamathi, Pondicherry University
Cash Prize: Rs.50, 000/-

DOCUMENTARIES PARTICIPATED IN FILM FESTIVALS

“Prakriti Film festival 2008”, Pondicherry University

1. Gingee Fort
“Prakriti Film festival 2010”, Jodhpur

1. The Brides of Aaravan
2. The salves of the Lamp
3. The Killer dust

“Prakriti Film festival 2011”, Tripura

1. Margadarsi Siddama
2. The Modern Muni

“Prakriti Film festival 2012”, Mysore

1. The Night Warriors
2. Ariyalur Rocks
3. Probiotics ‘A Value of Biotech’
4. The Art of Bronze

Vigyan Prasar, Department of Science and Technology - “Rashtriya Vigyan Chalchitra Mela 2013”, Kolkata

1. The Night Warriors - Mr. S. Balamurugan was awarded Golden Beaver Award under Popular Science category.
2. The Rain water Harvesting - Shortlisted for screening under short film on science and technology category and certificate of merit was given to Mr. M. Iyyanar.

PRODUCTION TEAM

1. Mr. A. Sanjeev Kumar, M.A. – Producer
2. Mr. S. Balamurugan, M.Sc. M.Phil., PGDEM - Production Assistant
3. Mr G. Siva Kumar, B.Sc. D.T.C - Cameraman
4. Mr. M. Iyyanar, M.Sc., M.Phil., D.F.Tech - Technical Assistant
5. Ms. M. Manamathi, M.B.A. PGDAM - Graphic Assistant
6. Mr. D. Duraivijayan, B.Sc., DECE - Shooting Assistant
7. Mr. M. Umesan. B.C.A., PGDTV, I.T.I - Media Technician
8. Mr. V. Meenakshi Sundaram, DTC., I.T.I, - Media Technician



DEPARTMENT OF LIBRARY & INFORMATION SCIENCES

School of Media & Communication

The Department of Library and Information Science was started during the academic year 2007-08. The Department offers a professional Master's Degree programme (MLIS) and a Ph.D. Degree Programme in Library and Information Science. In addition, an Add-on Course – Postgraduate Diploma in Library Automation and Networking (PGDLAN) is also offered in the evenings. MLIS course duration is two years and comprises four semesters. Candidates who have passed any Bachelors Degree examination from a recognized university under 10+2+3 system and who have secured at least 50% marks in aggregate in Part III (main subjects) are eligible to apply for seeking admission to this course. In case of candidates belonging to SC/ST category, relaxation in the percentage of marks shall be given as per the University Guidelines issued from time to time.

● PROGRAMMES OF STUDY

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

● ENTRANCE EXAMINATION

M.L.I.S.

Candidates seeking admission to the programme shall be required to appear for a 2-hour written examination conducted by the University during the last week of May or 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.

Ph.D.

The admission to Ph.D. programme is based on the vacancies available with the eligible Guides and the field of specialization in which a scholar intends to pursue research. The desirous candidates are required to take an entrance examination conducted by the University for Ph.D. admission. The written examination consists of 100 objective type questions based on BLIS and MLIS curriculum. A few questions from current affairs, language skills, etc. will also be included in the paper. For more information visit our university website at: <http://www.pondiuni.edu.in/admissions/eligibility.htm>

PGDLAN

No entrance examination but any graduate with the qualification prescribed by the University would be eligible to apply.

Ph.D.

The Ph.D. programme was started during the academic year 2010 – 2011 through different streams viz. Full-time, Part-time (Internal & External).

MAJOR OBJECTIVES

- To demonstrate the scholars' competence to carry out independent and original academic research in the field of Library and Information Science.
- To produce graduates with advanced capabilities in librarianship in order to meet the challenges in the changing environment;
- To develop within each candidate the expertise and skills necessary to be an effective educator, researcher, faculty member, practitioner, etc.;
- To encourage creativity, analytical thinking, critical analysis, and innovative problem-solving techniques for the problems and constraints faced by the library professionals in the present age; and
- To disseminate the results of their research in a standard peer-reviewed academic publications.

MASTER'S DEGREE IN LIBRARY AND INFORMATION SCIENCE (M.L.I.S.)

The MLIS, a two-year programme of 72 credits, is divided into four semesters including Internship and a project in the final semester.

MAJOR 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 them packaging and consolidation techniques;
- To introduce 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.

POST GRADUATE DIPLOMA IN LIBRARY AUTOMATION AND NETWORKING (PGDLAN) – ADD-ON COURSE

The PGDLAN programme was launched during the academic year 2009 – 2010. The programme is of 20 credits and comprises Two Semesters. The classes are conducted in the evenings only between 5.30 p.m. and 7.30 p.m.

MAJOR OBJECTIVES

- To imbibe knowledge and skills associated with ICT applications in Libraries and Information Centres;
- To understand the basic requirements of library automation and services provided by the libraries in an automated environment;
- To practically learn and well versed with the various activities of house-keeping operations with the help of 'KOHA', an open source software.
- To acquaint themselves with the components of an information system and learn about how to design and develop an information system;
- To acquire knowledge and skills on networking and Internet technology;
- To develop skills with special reference to the information resources available on the Internet;
- To acquire web-based content development skills;
- To practically learn and well versed with the Digital Library open source software 'DSpace' and 'GSDL'; and
- To develop confidence in handling any kind of activities/ services in an automated library or information centre.

INFRASTRUCTURE FACILITIES

The physical and academic infrastructure comprises well equipped class rooms with LCD Projectors and Public Address System, Computer Lab with Internet facility and required hardware and software for teaching-learning, Wi-Fi facility in campus, access to e-books, e-journals and institutional repositories, subscription to national and international journals and magazines, latest books on library and information science, separate hostels on campus for girls and boys, etc. The Department also organizes several events like study tour, guest lectures by eminent academics from India and abroad, workshops, etc.

PLACEMENT OPPORTUNITIES

M.L.I.S. programme is a professional degree. 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, Cataloguers, Indexers, Information Analysts, Reference Services Specialists, Technical Editors, Consultants, etc. in traditional libraries & information centres and corporate sectors also. Those who qualify UGC-NET or SLET examination can enter academics as an Assistant Professor or Assistant Librarian of a University or Librarian of a College. Those who qualify UGC-JRF can pursue research in the field of Library & Information Science with UGC fellowship. An added qualification of PGDLAN would place the student at a higher advantage in the job arena with knowledge of automation and networking. Our recruiters include LIS Schools, all kinds of libraries and information centres, colleges, universities and corporate companies like Tata Consultancy Services, etc.

PROGRAMME STRUCTURE OF M.L.I.S.

The curriculum structure of MLIS programme is given below:

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 courses to be chosen from the five subjects: a) Web Technology, b) E-Publishing, c) Informetrics, d) Industrial Information System, and e) Technical Writing.

PRACTICALS

The practical courses of MLIS programme are: Information Technology: Practice which includes KOHA, WINISIS, 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.

PROJECT AND INTERNSHIP

The students are supposed 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

Professor

Chennupati K. Ramaiah, Ph.D. (Loughborough University).
Specialization: ICT applications in Library & Information Services, Multimedia, Hypertext, CAI, User Interfaces, Human Computer Interaction, Web / E-Publishing, & Archival Informatics

Associate Professor

R.Sevukan, Ph.D. (Annamalai University)
Specialization: Library Automation, Scientometrics, Academic Library System, Research Methods, Information Seeking Behaviour, ICT Applications in Libraries.

Assistant Professors

Rekha Rani Varghese, Ph.D. (University of Calicut)
Specialization: IT applications in Libraries, Institutional Repositories, Information Retrieval, User Studies.

Anas K., Ph.D. (University of Delhi)
Specialization: E-Learning; Internet Search Engines; E-resources.

Mangkhollen Singson, M.L.I.S. (NEHU)
Specialization: Marketing of Information Products, Knowledge Management, E-journals.

M.Leeladharan, M.Phil. (Annamalai University)
Specialization: Information Retrieval, ICT applications in Libraries, Knowledge Organization.

SCHOOL OF ENGINEERING & TECHNOLOGY

Dean: Dr. R. Subramanian

Department of Computer Science
Department of Electronics Engineering
Centre for Pollution Control and Environmental Engineering

Emerging trends in the field of Science and Technology calls for an environmentally sound system of growth and development in the entire planet. This school also maintains the academic units of both the University

and its affiliated engineering colleges where in dozens of UG, PG and Ph.D. programmes are being offered with excellent infrastructure and facilities. There are more new centres to be added to this school of Engineering in the years to

come and National facilities for R&D will be made available for wider participation and collaboration. Industries are always welcome to associate with these units for linkages and placements.



DEPARTMENT OF COMPUTER SCIENCE

School of Engineering & Technology

The Department aims at imparting quality education in Computer Science & Engineering and Information Technology through various post-graduate programmes. It also offers an atmosphere conducive for research scholars for pursuing research in various advanced areas of Computer Science, Engineering and Information Technology.

● PROGRAMMES OF STUDY

M.C.A.

M.Sc. Computer Science (Two Years)

M.Sc. Computer Science (Five year Integrated)

M.Tech. Computer Science & Engineering

M.Tech. Network & Internet Engineering

Ph.D. Computer Science & Engineering
(Full-time, Part-time (Internal & External))

P.G. Diploma in Computer Applications (Add on)

P.G. Diploma in Simulation and Modelling (Add on)

● ENTRANCE EXAMINATION

M.Sc. Computer Science: Admission to M.Sc. course is based on the performance in the Entrance Examination. 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 related domains.

M.C.A.: Admission to M.C.A. is based on the performance in the Entrance Examination. The entrance examination is of objective type. The question paper will consist of 100 questions from the topics of Comprehension and Verbal Ability, Analytical Ability, Logical Reasoning, Mathematical Aptitude and General awareness in Computer Science related domains.

M.Tech. Computer Science & Engineering and M.Tech. Network & Internet Engineering:

Admission to M.Tech. is based on the performance in the Entrance Examination. The written Examination consists of 100 objective type questions. Questions will be from the subjects of 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 related domains.

Ph.D.: Admission to Ph.D. is based on the performance in Entrance Examination. The Entrance Examination consists of 100 objective type questions from all the major areas of Computer Science discipline.

INFRASTRUCTURE FACILITIES

The Department has Five well-equipped computer laboratories namely, General Programming Lab, Central lab, Multimedia Lab, Grid Computing Lab and Project Lab, housing about 210 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 (32 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: Information Security, Object Oriented Systems, Multilingual-Based Systems, Software Engineering, Evolutionary Computing and Distributed Systems.

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, iGate, etc.

FACULTY

Professors

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

Specialization: Algorithms, Robotics.

P. Dhavachelvan, Ph.D. (Anna University, Chennai)

Specialization: Software Engineering, Web Service Computing.

G. Aghila, Ph.D. (Anna University, Chennai)

Specialization: Knowledge Representation and Reasoning, Semantic Web Engineering, Ontology Engineering, ChemInformatics,.

Associate Professor

S. Siva Sathya, Ph.D. (Pondichery University, Puducherry)

Specialization: Evolutionary Algorithms, Object Oriented Systems, Bio-Informatics.

Readers

T. Chithralekha, Ph.D. (Pondichery University)

Specialization: Information Security, Data Warehousing, Agent Technology.

Assistant Professors

R. P. Seenivasan, M.C.A. (Madras University, Chennai)

Specialization: Software Engineering and Database Management Systems.

K. Vijayanand, M.C.A.

(Bharathidasan University, Trichirapalli)

Specialization: Natural Language Processing

T. Sivakumar, M.Tech. (Pondichery University, Puducherry)

Specialization: Database Management Systems, Computer Networks.

R. Sunitha, M.Tech. (Pondichery University, Puducherry)

Specialization: Software Architecture, Semantic Web Technologies.

Pothula Sujatha, Ph.D.

(Pondichery University, Puducherry)

Specialization: Information Retrieval, Data Warehousing.

K. Suresh Joseph, M.E. (University of Madras, Chennai)

Specialization: Operating Systems and Artificial Intelligence.

M. Sathya, M.Tech. (Pondichery University, Puducherry)

Specialization: Software Engineering

K.S. Kuppusamy, M.Sc.

(Madurai Kamaraj University, Madurai)

Specialization: Information Retrieval and Web Search Engineering.

S.K.V. Jayakumar, Ph.D. (Pondichery University)

Specialization: Web Service & Cloud Computing, Database Management Systems.

V. Uma, M.Tech. (Pondichery University, Puducherry)

Specialization: Data Mining

P. Shanthi Bala, M.Tech. (Pondichery University, Puducherry)

Specialization: Distributed Computing Systems, Knowledge Engineering and Networks.

M. Nandhini, M.Phil. (Alagappa University, Karaikudi)

Specialization: Software Engineering

M.S. Saleem Basha, Ph.D. (Pondichery University)

Specialization: Web Services, Information Security

T. Vengattaraman, Ph.D. (Pondichery University,)

Specialization: Web Services, Software Engineering

S. Ravi, Ph.D. (M.S University, Thirunelveli)

Specialization: Image Processing, Algorithms, Bio-Metric Systems.



DEPARTMENT OF COMPUTER SCIENCE (KARAİKAL CAMPUS)

School of Engineering & Technology

The Department of Computer Science, Karaikal Campus was established in the year 2007-08. The department offers a PG course on MASTER OF COMPUTER APPLICATIONS (MCA) with the total student intake of 40 per batch. The department at present has five permanent faculties. From the academic session 2013-14 onwards the Department introduces the two year M.Sc. Program in Computer Science with the student intake of 26. The Department aims in imparting quality education by providing a captivating atmosphere for the students.

● PROGRAMMES OF STUDY

M.C.A.
M.Sc. Computer Science
Ph.D. Computer Science

● ENTRANCE EXAMINATION

M.Sc. Computer Science: Admission to M.Sc. course is based on the performance in the Entrance Examination. 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 related domains.

M.C.A.: Admission to M.C.A. is based on the performance in the Entrance Examination. The entrance examination is of objective type. The question paper will consist of 100 questions from the topics of Comprehension and Verbal Ability, Analytical Ability, Logical Reasoning, Mathematical Aptitude and General awareness in Computer Science related domains.

Ph.D.: Admission to Ph.D. is based on the performance in Entrance Examination. The Entrance Examination consists of 100 objective type questions from all the major areas of Computer Science discipline.

INFRASTRUCTURE FACILITIES

The Department has a well-equipped computer laboratory with 60 systems with LAN and Broadband connectivity. Airy and spacious class rooms and library facilities cater the needs of the students.

STUDENT ACTIVITIES

The Department encourages the convergence of industry professionals and academicians of high reputation to inculcate their experiences and work style to mentor the students to be competitive. By way of organizing workshops, conferences and special lectures and training the students are groomed to shine to the global standards.

RESEARCH

The Department is a research department offering Ph.D. in Computer Science and Engineering both in Full-time/ Part-time mode.

PLACEMENTS

The Department is keen in placing the students in reputed companies and its vision aims for 100% placement with the earnest support of the Placement Cell of the University. Our students prove their pride of acquaintance by being hired in MNCs like IBM, HCL, Wipro, Infosys, TCS, Aricent, HP, ITC, CTS, Honeywell, Patni Computers, iGate, iFlex, etc.

FACULTY

Reader

S. Bhuvanewari, Ph.D., (Bharathidasan University)
Specialization: Computational Intelligence, Artificial Intelligence, Business Intelligence, Information Systems, Knowledge and Application Mining, Hybrid Information Systems, Contemporary Algorithms.

Assistant Professors

G. Sureshkumar M.E., (Anna University) - *CO-ORDINATOR*
Specialization: Information Retrieval.
K. Vaitheki M.Tech., (Pondicherry University)
Specialization: Information Security, Software Engineering.
G. Kumaravelan M.Tech., (Bharathidasan University)
Specialization: Information Technology, Security Systems.
R. Lakshmi M.Tech., (Pondicherry University)
Specialization: Bio-Informatics.

DEPARTMENT OF ELECTRONICS ENGINEERING

School of Engineering & Technology

The Department of Electronics Engineering has been started in the year 2010-2011 academic year with a motivation to create teaching and research facilities worthy of one of the best Engineering Departments. The University allotted to the Department an initial amount of Rs.100 lakhs for the establishment of necessary Laboratory facilities under XI Plan.

● PROGRAMMES OF STUDY

M.Tech. Electronics (Duration: 2 years – Full Time)

Ph.D. Electronics Engineering (Full Time)

● ENTRANCE EXAMINATION

M.Tech. Electronics

Selection of students is based on the national level entrance examination conducted by the Pondicherry University at various centers in the country. The entrance examination would comprise objective type questions from Engineering Mathematics, Engineering Physics and Electronics & Communication Engineering subjects at graduate level.

Ph.D. Electronics Engineering

Admission to Ph.D. is based on the performance in entrance examination. The pattern of entrance examination consists of objective questions from all the major areas of Electronics and Communication Engineering at the level of Post-Graduate degree. The written examination consists of 100 objective type questions.

For further details, explore the research interests and activities of individual faculty.

INFRASTRUCTURE FACILITIES

The Department has the following equipment and softwares:
Equipment

- Digital Storage Oscilloscopes 200 MHz & 500 MHz, Channels:4
- Mixed Signal Oscilloscope Bandwidth 1 GHz
- Vector Network Analyzer (9 kHz - 3 GHz)
- Arbitrary Waveform Generators
- Basic & Advanced Microcontroller based System Design Trainer kits (8 bit & 16 bit)
- Basic and Advanced Digital Signal Processing Trainer kits
- Basic and Advanced Analog Communication Trainer kits
- Basic and Advance Digital Communication Trainer kits
- Microstrip Antenna Trainer kits
- Xilinx FPGA trainer kits
- Softwares
- Spice Simulation tools for Electronic Circuits Design (Analog & Digital)
- CAD/PCB
- Matlab
- Xilinx VHDL/Verilog
- IE3D

RESEARCH ACTIVITIES

The Department hosts research activities in the following thrust areas: Optical Communication, Wireless Communication, Microwave and millimeter wave Engineering, Antennas, Wireless Networks, Electromagnetics and its Applications and RF MEMS. Department has been identified as a National MEMS Design centre by National Program Materials and Smart Structure (NPMASS).

PLACEMENT

The Placement activities of the Department are taken care of by a University Placement Cell which comprises of student members and a faculty advisor from each department. To provide ample opportunities to students to get proper placement in industries and companies, the Placement Cell conducts workshops, mock interviews and organizes on campus selection process with the help of industries. The Placement Cell organizes Campus recruitment programme every year and department takes pride to mention that students had been placed in MNCs like, Honeywell, TCS, HCL and CTS.

FACULTY

Associate Professors

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

Specialization: Photonic Crystal Fibers

R. Nakkeeran, Ph.D. (Pondicherry University, Puducherry)

Specialization: Optical Communication, Wireless Communication, Electromagnetics and its Applications

Assistant Professors

P. Samundiswary, Ph.D. (Pondicherry University, Puducherry)

Specialization: Wireless Communication, Wireless Networks & Security, Optical Communication and Digital Communication.

T. Shanmugantham, Ph.D. (National Institute of Technology, Tiruchirappalli)

Specialization: Antennas, Microwave and millimeter wave Engineering and MEMS/NEMS.

K. Anusudha, M.E. (Anna University, Chennai)

Specialization: Digital Signal and Image Processing - Securities.

CENTRE FOR POLLUTION CONTROL & ENVIRONMENTAL ENGINEERING

School of Engineering & Technology

Established in 1991, this centre has developed a vigorous culture of applied environmental research, teaching, and industrial consultancy. Several dynamic Ph.D.s and M.Tech.s, trained in frontier research areas, in India and abroad, contribute to the pool of manpower expertise of the centre; the laboratories/units manned by them provide the momentum for cutting edge R&D that strives to carve fresh niches and open new vistas. The effort has been peer-recognized in the form of major international and national prizes, election to the fellowship of premier academies/professional bodies, and nomination on the editorial boards of prestigious technical journals. The most recent of the honours include the National Design Award in Environmental Engineering (conferred by the Institution of Engineers), nomination to the Board of Governors of IITR and other premier institutions, and a succession of nine best paper awards received for pioneering research in eco-friendly process development. The centre has also registered eight patent claims, with support from DST, DBT, and NRDC, Government of India.

The centre has thus far published over 250 papers in high impact-factor international journals including Science, Critical Reviews in Environmental Science & Technology, Bioresources Technology, Journal of Hazardous Materials, Biochemical Engineering Journal, Environmental Modeling & Software, Applied Energy, Journal of Cleaner Production, Renewable and Sustainable Energy Reviews, Journal of Loss Prevention in Process industries, , Trans IChemE (UK), Trans AIChE (USA), etc. The centre has also been providing expert advice to government departments, industry, and academia across the world.

The Hirsch Index of the centre's publications as per CSI as well as SCOPUS is 27, which is among the highest in the departments dealing with environmental engineering in Asia. Several of the publications have become citation classics in the fields of chemical and environmental engineering.

The centre's efforts in innovative teaching and curriculum development have also resulted in the creation of 35 popular textbooks and reference books, published by Oxford University Press, Prentice-Hall, Orient Longman, Springer, Elsevier, Academic Press, etc. The quality of teaching has been ranked highly by the students and one of the faculty was recently awarded a certificate of merit on Teacher's Day.

● PROGRAMMES OF STUDY

M.Tech. Environmental Engineering & Management
Integrated M.Tech.-Ph.D. Environmental Engineering & Management
Ph.D. Environmental Technology

These programmes are distinguished by their emphasis on all-round professional advancement of the students and exposure to the real-life problem environment.

Apart from making the students proficient in the concepts, the techniques, and the tools of applied environmental studies, these programmes also aim to develop their communication and managerial skills. As the centre has, at any given time, several major R&D and industrial consultancy projects striving to solve contemporary environmental problems, the students also acquire a very good exposure to the real-life demands of the profession. As a result the students passing out from the centre have risen fast up the career ladder in academia as well as industry, both in India and abroad. Several full-scale pollution control plants which have been set up on the basis of innovative technologies developed at this centre, provide unique opportunities for the students to see how laboratory research is transformed into solving contemporary problems.

The centre has ongoing collaboration with some of the most prestigious universities, including Texas A & M University, Texas; Worcester Polytechnic Institute, Boston; Memorial University, Canada; Sharif University of Technology, Iran; and King Saud University, KSA. Some of the centre's faculty have been honoured with visiting professorships by the US and Canadian universities in recognition of the cutting-edge R & D being done at this centre.

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.3 Crores have also added substantial laboratory and field equipment to the centre's infrastructure.

The facilities cover: geographical information systems (GIS), environmental monitoring and impact assessment, pollution control (especially with bioprocess engineering), risk assessment, computer aided environmental management, environmental biotechnology, computational fluid dynamics, environmental nanotechnology, and global warming studies.

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.Tech. and M.Phil. holders find immediate employment in industries including CRL, CPCL, and Hindustan Lever. They have also been preferred by Pollution Control Boards. Several have joined IITs or premier universities in USA/UK for doctoral studies.

FACULTY

Professor

S. A. Abbasi, Ph.D. (IIT Mumbai) D.Sc. (Cochin University of Science & Technology), FNASc, FIChE, FIE
Specialization: Environmental Engineering, EIA and Risk Assessment

Assistant Professors

S. Gajalakshmi, Ph.D. (Pondicherry University)
Specialization: Bioprocess Technology, Environmental Biotechnology, Solid Waste Management.

Tasneem Abbasi, Ph.D. (Anna University)
Specialization: Water & Environmental Engineering, Process Safety, Process Modeling & Simulation.

S. Sudalai, M.Tech. (Pondicherry University)
Specialization: Water & Environmental Engineering.



MADANJEET SCHOOL OF GREEN ENERGY TECHNOLOGIES

Dean: Prof. H. SURYA PRAKASH RAO

Centre for Green Energy Technology
Centre for Nano Science 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

Center Head: Dr. P. Elumalai.

The Centre for Green Energy Technology (C-GET) was established in 2010 under the aegis of Madanjeet School of Green Energy Technologies with a vision to promote education and research in environmentally clean methods of energy production, conservation and utilization. The centre offers M. Tech. in Green Energy Technology which is partly supported by South Asia Foundation (SAF). The Ministry of New and Renewable Energy has recognized and approved the centre as a Centre of Excellence. Recently, SAF also recognized the centre as Centre of Excellence. The centre also promotes research in the fields of all clean sources of energy production, conversion and utilization like solar photovoltaic, solar thermal, energy storage, fuel cells, bio-fuels, wind energy, ocean energy, chemical energy, applications of nanotechnology for energy conversion, etc. The centre has well trained faculty to teach, offer consultancy and take up research work in many core areas of green energy. The centre is involved in quality assurance testing in all fields of renewable energy. Establishment of MOUs with various alternate energy generating firms specializing in photovoltaic, solar-thermal has taken place. In addition, several MOUs with industries specializing in solar thermal devices and power plant engineering are in pipeline

● PROGRAMMES OF STUDY

M.Tech. Green Energy Technology
Ph.D. Green Energy Technology

● ENTRANCE EXAMINATION

M.Tech.: Admission of this course is done based on the marks secured in the All India entrance examination conducted by Pondicherry University. The meritorious candidate from the entrance test will be eligible for "SAF-Madanjeet Singh Group Fellowship".

www.southasiafoundation.org

The entrance test will have multiple choice questions (100 questions). Out of 100 questions, 20 will be from mathematics and 16 from each of Physics, Chemistry, Materials Science, Engineering and Bio-technology.

Ph.D.: Being an interdisciplinary field, the entrance test will have multiple choice questions (100 questions). The questions will be from Green technology, Mathematics, Physics, Chemistry, Biology and Engineering fields.

- Optical Pyranometer for solar irradiation measurement and analysis
- BET surface area analyzer
- Microwave Synthesizer
- C-5000 Bomb calorimeter for fuel characterization and analysis
- Spin coating unit
- Electrolysis unit for H₂ and O₂ production
- PEM fuel cell
- Spray deposition system
- Tubular Diffusion furnace
- High-temperature ovens
- Basic Molecular biology and biochemistry facility
- Ultrasonic bath
- -40o C Freezer
- Photoelectrochemical cell.
- Orsat Apparatus
- Solar thermal gadgets

The center is collaborating with the other departments in the University and nearby institutions for a wide accessibility of instrument and facilities.

THRUST AREAS

The following are the thrust areas of our centre currently focussed.

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

INFRASTRUCTURE

C-GET establishment is in pipeline with the state of art facilities and infrastructure. Currently, the center possess the following high tech equipment in the laboratory.

- Class AAA 10 x 10 cm² Solar Sun simulator with I-V characterization facility.
- Electrochemical workstation with impedance analysis unit for electro-nanofabrication and battery & Supercapacitor characterization

M.TECH PROGRAMME

The major subject areas covered in this program include alternate energy sources - generation, distribution, utilization, green nanotechnology, green economics, waste to energy, biofuels etc. The course is aimed to train talented students in the area of renewable and clean energy technology and create scientifically and technologically skilled man power. This program is designed for two years spread into four semesters. First two semesters are for hard and soft core courses, third semester is entirely for soft-core (optional) courses and final semester is for project. Many soft-core courses are stand alone, so, they can be taken at any time offered by the Department. In addition there will be some bridge courses. Most of the first semester courses will be on energy and modeling. In the second and third semester courses will be based on energy, environment, chemistry, management and other GET related fields. Students will select courses suiting background and interest. Each theory course will have a project component which will be either individual or group based.

PH.D., PROGRAMME

CGET offers Ph.D. programme to carry out research and development in the field of Photovoltaics, Energy Materials, Energy Storage, Energy Devices, Fuel Cells, Green Chemistry, Bio Energy, Technology development in the field of Solar Concentrators and other Solar Thermal Devices and Hybrid Clean Energy Systems. Currently, admission to part time (Internal & External) PhD is not entertained in the Centre. Only regular PhD programme is offered.

RESEARCH PROJECTS ON PIPELINE:

Ministry of New and Renewable Energy (MNRE) and South Asia Foundation (SAF) has been supporting teaching and research activities of the Centre. In addition, individual faculty members have projects that are supported by DST, CSIR and UGC

PLACEMENTS

M.Tech. Graduates in Green Technology gain employment in emerging clean and renewable energy sector where national and multinational industries are focusing their business activities on alternate energy production and usage. Centre has created a placement cell to enable students for getting better placement.

FACULTY

Associate Professor

P. Elumalai, Ph.D. (IISc, Bangalore)

Specialization: Energy Conversion, Storage and Sensors: Lithium-ion batteries, Super capacitors, Fuel cell catalysts and Automotive-Exhausts Sensors.

Readers

Periyasamy Thilakan, Ph.D. (Anna University, Chennai)

Specialization: Semiconductor epitaxial growth of nanostructures and devices such as solar cells, LED, LASER, SET, SPE, device processing SPV module, power plant design and installation., Nanomaterials, nanostructures and device processing, MOCVD, MBE, PECVD and Mesoporous TiO₂ super molecular nanocrystallites.

B. M. Jaffar Ali, Ph.D. (IISc, Bangalore)

Specialization: Biofuels, Biophotonics and Biosensors.

Assistant Professors:

R. Arun Prasath, Ph.D. (Anna University, Chennai)

Specialization: Polymeric materials, Hybrid materials, Biomaterials, Green nanomaterials and Sustainable materials for applications that include: solar energy, bio-energy, fuel cells, sensors and sustainable development.

Prasanth Ravindran, Ph.D.

(Eindhoven University of Technology, Netherlands)

Specialization: Nanophotovoltaics.

A. Sreekumar, Ph.D.

(Cochin University of Science and Technology, Kochi)

Specialization: Solar thermal energy conversion and energy storage



CENTRE FOR NANOSCIENCE AND TECHNOLOGY

Co-ordinator: Prof. N. Satyanarayana, Dept. of Physics.

The Centre for Nanoscience and Technology has been established in the year 2010 and it works in synergy with the Centre for Green Energy technology. This Centre offers 2 years M.Tech. (Nanoscience and Technology) and Ph.D. programs. The Centre for Nanoscience and Technology has seven faculty members (one Professor, three Readers and three Assistant Professors) and the centre has started to function with the admission of First year M.Tech. students during the Academic year 2010-2011. All the faculty members possess a high research profile with the ability to conduct research in the forefront areas of Nanoscience and Technology. The Centre is planning to start the Ph.D. and Integrated M.Sc. Ph.D. program during the academic year 2012-13. The research work of faculty members is supported by the various premier National funding agencies such as DST, CSIR, UGC, UGC-DAE, DRDO and AICTE.

PROGRAMMES OF STUDY

M.Tech. Nanoscience and Technology
Integrated M.Tech., Ph.D. Nanoscience and Technology
Ph.D. Nanoscience and Technology

ENTRANCE EXAMINATION

M.Tech.: The selection is based on the entrance test conducted by Pondicherry University and the question paper consists of 100 objective type questions, covering the basic Science (Mathematics/Physics/Chemistry/ Materials Science /Biotechnology) at undergraduate level.

Integrated M.Tech. - Ph.D. : The selection is based on the entrance examination and interview. The question paper consists of 100 questions, covering the subject areas of Mathematics/Physics/Chemistry/ Biochemistry & Biotechnology at graduate level.

Ph.D.: The selection is based on the entrance examination and interview. The question paper consists of 100 questions, covering the subject areas of Mathematics/ Physics/Chemistry/Materials Science and Engineering/ Biotechnology at graduate and post graduate level. The candidates, who are getting fellowships such as JRF/SRF etc. from the national funding agencies, are exempted from taking the written examination.

INFRASTRUCTURE FACILITIES

The Centre has excellent working culture and facilities to carry out research in forefront areas of Nanoscience and Technology. The University has funded Rs. 4 Crores for the development of infrastructure facilities of the Centre. Research facilities include Nanomaterials Synthesis and characterization, Ultrasonic-Homogenizer, High Speed Centrifuge System, MilliQuest (Millipore) water purifier, E-beam and thermal coating unit, Precision Spin & Dip coater, High Temperature Tubular and Muffle Furnaces, XRD, Electrochemical workstation, LCZ meter, UV-Visible Spectrometer, Spectrofluorimeter, Nanoindenter, Automatic Hydraulic Press and Laboratory for Modeling and Simulation. Additional characterization facilities can also be availed from Central Instrumentation Facility (CIF) at Pondicherry University.

ONGOING RESEARCH PROJECTS

Faculty research is supported by various funding agencies worth of more than Rs. Three Crores from DST-nano mission, CSIR, UGC, DAE, UGC-DAE, DRDO and AICTE, Govt. of India. An overall of amount more than Rs. 5 Crores has been invested in the development of the Centre.

FACULTY

Professor

N. Satyanarayana, Ph.D. (Indian Institute of Technology Madras, Chennai)

Specialization: Nano-Crystalline and Nano-Composite Electrolyte and Electrode Materials for Batteries, Sensors and Fuel Cells applications, Solid state-ionics.

Readers

A. Vadivel Murugan, Ph.D. (University of Pune & National Chemical Laboratory, NCL Pune)

Specialization: Chemistry of Materials, Novel Synthesis, Structure- Properties- Performance Relationship of Nano-structured Functional Materials for Clean Energy Conversion & Storage, Conducting Polymer based Organic-Inorganic Nanohybrids, Flexible Organic Electronics, Dye sensitized and Thin Film Solar Cells, Lithium-ion Batteries, Supercapacitors, Fuel Cells and Nano-biotechnology.

A. Subramania, Ph.D. (Central ElectroChemical Research Institute and Alagappa University, Karaikudi)

Specialization: One dimensional functional ceramic, polymeric, carbon nanomaterials development and Nanofibrous Polymer Electrolyte membrane by electrospinning technique for Advanced Lithium ion Batteries, Supercapacitors, Solid oxide fuel cells, Dye sensitized solar cells and Sensors, Electrodeposition of Metal and Metal matrix nanocomposite coatings by DC/pulse current techniques for micro/nano devices.

A. Kasi Viswanath, Ph.D. (Indian Institute of Technology Madras, Chennai)

Specialization: Synthesis of Nanomaterials and characterization. Nanosecond, pico second and femto second laser spectroscopy, quantum confinement, semi conductor nanostructures, conducting polymers, LED materials, Electron paramagnetic resonance.

Assistant Professors

K. Suresh Babu, Ph.D. (Indian Institute of Technology Madras, Chennai)

Specialization: Materials for fuel cells, Catalysis and high temperature oxidation protection, Multifunctional nanostructures for imaging & therapy, Ion Beam assisted material processing, Surface Engineering.

P. Thangadurai, Ph.D. (University of Madras, Chennai)

Specialization: Nanostructures of Semiconducting & Ceramic Oxides, Ionic conductors, High k-materials, Metal ceramic composites, Transmission electron microscopy of bulk & nanostructured materials.

S. Kannan, Ph.D. (University of Madras, Chennai)

Specialization: Synthesis, Structural Characterization and in vitro evaluation of Biomaterials, Ceramic/metal nanocomposites, Fabrication of scaffolds for tissue engineering applications.



ADD ON COURSES

(Evening Programmes)

The University is offering 23 PG Diploma programmes providing them add-on options in relevant disciplines. For example, a student of 'Master in Social Work' can now possess an additional P.G. Diploma in Industrial Psychology which will add value to his employability. Similarly any student in Bio-sciences will now have an option to add a P.G. Diploma in Bio-Technology which is currently in great demand.

9 Certificate courses in foreign languages are also being offered to facilitate the global job options of our students. To enable the large number of students from other states studying in the campus, to possess a functional knowledge of Tamil, a specially designed certificate course in Tamil is also being offered.

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

Course Coordinator for the PG Diploma Courses

P.G. Diploma Course	Name of the Coordinator
Asian Christian Studies	Dr. P.A. Sampath Kumar
Functional Hindi & Translation	Dr. Padmapriya
Television Production	Dr. S. Arulselvan.
Journalism & Mass Communication	Dr. D. Niveditha
Women's Studies	Dr. V. T. Usha
Library Automation & Networking	Dr. R. Sevukan
Industrial Psychology	Dr. V. Rangaiah
Planning and Evaluation	Dr. P. Muthiyan
Biotechnology	Dr. N. Arumugam
Health Fitness and Life Style Management	Dr. D. Sakthignanavel
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. R. Nalini
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. Y. Venkata Rao
Professional Communication in English	Dr. Binu Zachariah
Foreign Trade	Dr. P. Sridharan

Course Coordinator for the Advanced Certificate Course

Advanced Certificate Course	Name of the Coordinator
Advanced Analytical Techniques	Prof. S. Balakrishnan

Course Coordinator for the Certificate Courses

Course	Name of the Coordinator
Tamil	Dr. M. Jeeva, Associate Professor
Sanskrit	Prof. C. S. Radhakrishnan
French, Japanese, Russian, Korean, Chinese, Spanish, Italian, German, Arabic.	Dr. Nalini J. Thampi

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.	Television Production	
3.	Journalism & Mass Communication	
4.	Women's Studies	
5.	Library Automation & Networking	UG degree with a minimum of 50% of marks.
6.	Asian Christian Studies	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
7.	Industrial Psychology	UG/PG degree with a minimum of 45% of marks.
8.	Planning and Evaluation	
9.	Health Fitness and Life Style Management	
10.	Investment Management	
11.	Rural Development	
12.	Statistical & Research Methods	
13.	Human Rights	
14.	Industrial Relations & Labour Law	
15.	Teaching Skills	
16.	Theatre Arts	
17.	Event Management	
18.	Professional Communication in English	
19.	Foreign Trade	
20.	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.
21.	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.
22.	Biotechnology	Degree in any branch of Biological Sciences with a minimum of 45% of marks.
23.	Advanced Analytical Techniques	M.Sc./ B.E./B.Tech. in any subject except Computer Science/ Mathematics/ Statistics, 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.

Eligibility		
Sl. No.	Name of the Course	Eligibility Criteria for admission
1	Tamil	A pass in the Higher Secondary Examination or its equivalent.
2	Sanskrit	
3	Japanese	
4	Russian	
5	Korean	
6	Chinese	
7	French	
8	Spanish	
9	Italian	
10	German	
11	Arabic	

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.

PLACEMENT CELL

- One of the main responsibilities of the Placement Cell is to motivate, train and prepare the students of the University and its affiliated Colleges for campus interviews.
- It plays a very important and key role in counseling and guiding the students of the University and its affiliated Colleges for their successful career placement which is crucial interface for the students between the stages of completion of academic programme of studies and entry into suitable employment.

Major activities of the Placement Cell:

- Organising On and Off Campus Interviews
- Organising training programmes like Personality Development Programmes, Mock Aptitude Tests, Group Discussion training, Mock Interviews etc.,
- Enabling Industry Institute Interaction
- Co-ordinating Industrial Visits
- Co-ordinating Project Placement for the Students
- Supporting Technical Seminars / Conferences / Workshops organized by various Departments
- Organising Student workshops with major corporate
- Organising faculty development programmes collaborating with companies
- Facilitating Industry Institute Interactions through inviting experts for lectures, members of project and laboratory evaluation panels, members of selection committees etc.,
- Inviting Industries for possible collaborations with Pondicherry University

Companies visited PU during 2006-2010:

Reserve Bank of India, Cognizant, Accenture, HCL, Wipro, Blue star, Patni Computers, TCS, Infosys, Satyam, HP, GE Health Care, Keane, L&T Infotech, IDBI, HSBC, Standard Chartered, Kotak Securities, Honeywell, Hindustan Zinc, Reliance, ICICI Bank, LVB, Syntel, Polaris, Cox & Kings, Hi Tours, Berger Paints, High Design, Royal Bank of Scotland, Bank of America, IBM, Bharati Airtel, UCO Bank, etc.,

RECRUITERS CAN CONTACT:

S.K.V. Jayakumar, Ph.D.

Phone: 91-413-2654514 (off)

Placement Co-ordinator

Email: skvjey@gmail.com

Placement Cell / Student Services Centre

Pondicherry Central University

R.V. Nagar, Kalapet

Puducherry - 605014



DIRECTORATE OF PHYSICAL EDUCATION AND SPORTS

ABOUT SPORTS ACTIVITIES IN PONDICHERRY UNIVERSITY

This Central University is growing in the field of sports and games and extends facilities to students and staff members. All the sports activities are conducted under the supervision of the University Sports Board with Vice Chancellor as Chairperson. The Directorate of Physical Education and Sports has been organizing various sports and games activities every year for the students of Pondicherry University and Affiliated Colleges including All India Inter-University Tournaments. Every day the Students and Staff members can use all the facilities available in the campus.

SPORTS ACTIVITIES

- To organize South Zone and All India Inter-University Tournaments in the recognized Games and Sports.
- University player's participation in the All India and South Zone Inter-Universities Tournament organized by various University in all over India, affiliated to Association of Indian University, New Delhi.
- Inter-collegiate and inter zone competitions for affiliated colleges separately for men and women.
- Inter-Departmental Tournaments (UNISPOFEST),
- Padma Shri Prof. J.A.K. Tareen Rolling Trophy
- Workshop/Seminar/Coaching camps/National Sports day/ Fitness programs, Aerobics, Karate etc.

AIMS AND OBJECTIVES OF THE DIRECTORATE OF SPORTS

- To develop sportsmanship and healthy competitions among students.
- To encourage healthy lifestyle through participation in sports.
- To develop skills and techniques in a range of sporting activities.
- To develop understanding through sport.
- Promoting sport as a bearer of cultural identity and for the total personality
- Encouraging the broadest possible participation in sports

SPORTS FACILITIES IN THE CAMPUS

All the play fields are facilitated with sitting galleries

- Rajiv Gandhi Cricket Stadium .
- Sports Complex, Thiruvalluvar Stadium – Cinder Track & Field – 1
- Multi-Gym for men and women separately
- Power Lifting, Weight Lifting & Body Building Items
- Football / Hockey Fields – 3
- Volleyball Courts – 5
- Tennis – 2
- Kabaddi Courts – 2
- Kho-Kho Courts - 4
- Table Tennis, chess and carom boards in 19 hostels -25
- Handball Court – 1
- Basketball courts – 3
- Cricket Turf – 1 and Fields -3
- Cricket Nets- 2
- Ball-Badminton – 1
- Outdoor Badminton Court – 1

TEAM MEMBERS OF DIRECTORATE OF PHYSICAL EDUCATION AND SPORTS

1. Dr. D. Sakthignanavel - Director [i/c], Physical Education and Sports
2. Dr. G. Sivaraman - Assistant Director
3. Dr. K.Chandrasekaran - Assistant Director

UGC-ACADEMIC STAFF COLLEGE

The UGC - Academic Staff College, Pondicherry University which was established in 1987, has organized 110 orientation courses, 283 refresher courses, 15 short-term programmes, summer schools, interaction programme for PhD scholars, Workshop for social science and science research guides and students, and 56 special programmes/workshops related to college principles, Academic Administrators. Till date and has imparted training for about 27,150 college teachers. In Addition to that 975 college teachers were given training on “Information and Communication Technology and Computer Applications” (ICT), Green Technology & Knowledge Management.

The Academic Staff College of Pondicherry University, situated at the Pondicherry University campus. **Recently the University constructed a beautiful Academic Staff College building to the tune of Rs. 6.84 crores.** It is one of those ASC's, which houses all its academic and administrative facilities / activities under one roof thereby providing the aspiring participants, an avenue, for their academic excellence. The ASC building self contained with all amenities required for ideal training of Teacher-Class room and residential accommodation together, library, canteen and administrative accommodation.

The ASC has four spacious classrooms with excellent cross ventilation with a seating capacity of 40-50 participants. The ASC high-tech class rooms is more useful for participants.

The Vision of ASC Pondicherry University under the dynamic Leadership of Madam Prof. (Mrs.) Chandra Krishnamurthy. To be a world class Academic Staff College and a change agent through excellence in learning process and quality in higher education and research with competency and collaborative orientation to serve the local, national and global community.



PONDICHERRY UNIVERSITY COMMUNITY COLLEGE

Pondicherry University Community College - 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 recognized by UGC, 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.

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, training and extension. The educational pedagogy is designed to have hands on experiences, innovations, and opportunities to have exposure in US Community Colleges through student exchange programme.

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. K. S. KUMARI, Ph.D. (M.G. University, Kottayam)

Specialization: Food and Nutrition

Interested area: Clinical Nutrition, Public Health Nutrition and Food Product development and value addition.

PROGRAMMES OF STUDY

DEPARTMENT OF MANAGEMENT

U.G. DEGREE PROGRAMME

B.B.M. (Bachelor of Business Management)

DIPLOMA COURSES (2 SEMESTER)

Office Management and Secretarial Practice
Accounting, Auditing and Taxation
Insurance Management
Sales Management
Document writing
Spoken English
Tourism and Ticketing

CERTIFICATE COURSES

Event Management
Tourism and Tour Guide

DEPARTMENT OF COMPUTER SCIENCE

U.G. DEGREE PROGRAMME

B.C.A. (Bachelor of Computer Application)
P.G. Diploma Courses
Computer Applications

DIPLOMA COURSES

Information Technology
Graphics and Animation
Computer Graphics and Web Technology
Hardware Management

CERTIFICATE COURSES

Desk Top Publishing
E- Publishing
Tally
Data Entry and Processing
Computer Graphics

DEPARTMENT OF VISUAL COMMUNICATION

U.G. DEGREE PROGRAMME

B.Sc. Visual Communication

DIPLOMA COURSES

Video Production

CERTIFICATE COURSES

Radio Jockey and Reporting
Reporting and News Casting
Photography & Videography



● PROGRAMMES OF STUDY

DEPARTMENT OF BIOSCIENCE

U.G. DEGREE PROGRAMME

B.Sc. Biochemistry

P.G. DIPLOMA COURSES

Hospital Management

Nutrition and Dietetics

DIPLOMA COURSES

Electro Cardiographic Techniques

Sanitary Inspector

Physician Assistance

Certified Radiological Assistant (2 Yrs.)

Hospital Management and Administration

Operation Theatre Techniques

Medical Records Administration

Medical Lab Technology (2 Yrs.)

Multipurpose Health Worker – Female (2 Yrs.)

Early Childhood Care and Education

Pre School Education

CERTIFICATE COURSES

Diabetic Care and Management

Central Sterile Supply and Hospital Waste Management

Medical Lab Technology (1 Yr.)

Adolescent Health and Counseling

Care of Special Children – Mentally Challenged

Food Safety and Quality Management

DEPARTMENT OF PHYSICAL EDUCATION

U.G. DEGREE PROGRAMME

B.P.Ed. (BACHELOR OF PHYSICAL EDUCATION) (1 YR.)

P.G. DIPLOMA COURSES

Yoga Education

DIPLOMA COURSES

Physical Education (2 Yrs.)

CERTIFICATE COURSES

Yoga

Yoga for Silver Citizen



DIRECTORATE OF DISTANCE EDUCATION

In order to cater to the needs of people who could not pursue higher education in the formal/On-campus streams, Pondicherry University had taken a conscious decision to enter the field of Distance Education by offering Professional/Job Oriented academic Programmes in 1995-96. At present the Directorate offers the following Seven MBA Programmes.

1. Human Resource Management, 2. Finance, 3. Marketing, 4. International Business, 5. Tourism, 6. Retail Management
7. General

The Admission process usually commences in May/ June every Year. Given the national character of the University and the quality of the academic Programmes offered by the Directorate, students from across the country and from all hues choose Pondicherry University for realizing their dreams of acquiring a professional degree.

Thus over the years, the distance education Programmes of Pondicherry University have established a mark of their own with respect to quality.

Pondicherry University's Directorate of Distance Education is also known for its innovative Twinning Programme concept, wherein the University partners with reputed institutions, from across the country, who organize the activities related to distance Programmes of Pondicherry University.

100% Tuition fee Concession is extended to Physically Challenged persons & 50% Tuition fee concession is extended to the following categories:

- Non- teaching employees of Pondicherry University and their wards (Group C & D)
- Defence personnel serving in Indian Armed Forces
- Widows
- Deserted Women
- Prisoners
- Transgender

● PROGRAMMES OF STUDY

MBA PROGRAMMES

MBA - Human Resources Management
 MBA- Finance
 MBA - Marketing
 MBA - International Business
 MBA -Tourism
 MBA - Retail Management
 MBA - General

LIBRARY

Directorate of Distance Education is also endowed with an exclusive library in the DDE building. Apart from a wide range of books on Management and Computer applications, the Library stacks all the study materials of DDE, popular journals of Management, Project Reports of MBA, Assignments of PG Students, Question Banks and other dailies and magazines.

OFFICERS AND FACULTIES OF D.D.E.

Director

Prof. G.Anjaneya Swamy, Ph.D., (Andhra University)
Specialization: Entrepreneurship and Management

Assistant Director

Dr. Arvind Gupta, Ph.D. (Maharshi Dayanand Saraswati University, Ajmer)
Specialization: Business Administration, Human Resource Management

Assistant Professors

Punitha. A, M. Phil. (Alagappa University, Karaikudi)
 Coordinator- MBA (Human Resource Management)
Specialization: Business Ethics, Human Resource Management, Organizational Behaviour and Business Environment.

Umasri .V, M. Phil. (University of Madras, Chennai)
 Coordinator- MBA (Finance)
Specialization: Accounting and Finance, Financial Management, Security Analysis and Portfolio Management.

Sk. MD. Nizamuddin, M. Phil.
 (Bharathiar University, Coimbatore)
 Coordinator- MBA (Marketing)
Specialization: Marketing Management, Advertising, Services Marketing, Business Laws.

Further details of the Programmes can be had from the brochure of the Directorate of Distance Education and also in the Distance Education link of the University Website www.pondiuni.edu.in

AFFILIATED INSTITUTIONS - Ph.D. SUPERVISORS

● Vector Control Research Centre (VCRC), Puducherry				
Subject Offered	Name of the Recognised supervisors	Specialization	Question paper Pattern	Syllabus
Zoology	Dr. P. Jambulingam Dr. S. Sabesan Dr. K. Krishnamoorthy Dr. K. Gunasekaran Dr. S. Poopathi Dr. N. Pradeep Kumar Dr. K. P. Paily Dr. A. R. Rajavel Dr. V. Vasuki Dr. R. Srinivasan	Zoology ” ” ” ” ” ” ” ” ”	As per the University pattern	P.G. Standard
Microbiology	Dr. S. L. Hoti Dr. A. M. Manonmani	Microbiology		
Chemistry	Dr. M. Kalyanasundaram Dr. Nisha Mathew	Chemistry ”		

● Regional Medical Research Centre (RMRC), Port Blair, A&N Islands				
Subject Offered	Name of the Recognised supervisors	Specialization	Question paper pattern	Syllabus
Microbiology & Entomology	Dr. P. Vijaychari Dr. D. Biswas Dr. A. N. Shriram Dr. Madanan Dr. I. P. Sunish	Microbiology Microbiology Entomology 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	Specialization	Question paper pattern	Syllabus
Tamil	Dr. K. Parimalam Dr. Chinta Nila Devi Dr. S. Thillaivanam Dr. N. Elango Dr. V. Karunanithi Dr. S. Sathiaselvan Dr. A. Vijayarani	Feminism & Sangam Literature. Religious Literature and Epic. History and Grammar. Folklore & Sangam Literature. Grammar and Modern 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	Specialization	Question paper pattern	Syllabus
Botany	Dr. V. Ramasamy Dr. D. Kadamban Dr. S. Nadanakunjidam Dr. K. Rajendiran Dr. Bijaya Kumar Nayak Dr. Mahipal Singh Shekhawat	Algalogy, Anatomy, Physiology, Ecology and Pharmacognosy Pharmacognosy, Allelopathy and Biodiversity. Ethnobotany, Pharmacognosy, Plant Anatomy, Biodiversity Cytogenetics, Biodiversity & Toxicology. Applied Microbiology, Aerobiology, Microbial Biotechnology. Plant Biotechnology	As per University pattern	P.G. Standard
Zoology	Dr. V. Anandan Dr. A. Gunasingh Dr. B. Kumaran Dr. G. Krishnamoorthy Dr. S. Rajalakshmi Dr. V. Ramalingam	Marine Biotechnology Fisheries Science Fishery & Environmental Science Endocrinology Toxicology Endocrinology Environmental Science Environmental Toxicology/ Reproductive Biology		
Physics	Dr. D. Ragouramane Dr. Dinesh Kumar Gupts Dr. G. Meenakshi	Ultrasonics, Spectroscopy. Electric & Magnetic fields over Dielectrics, Ultrasonics, Spectroscopy, Crystal growth. Magnetic field over Dielectrics, Spectroscopy, Ultrasonics, Crystal growth photonics.		
Chemistry	Dr. K. Subramani Dr. A. Tinabaye Dr. V. Arjunan Dr. Ashok Kumar Jana	Natural Product Organic Chemistry with Interdisciplinary Field, Pharmacology and Biology. Organic Chemistry and Interdisciplinary work in Physics & Biology. Molecular Spectroscopy and Chemical Informatics Photo Chemistry & Kinetics. Photo Chemistry & Kinetics.		
Commerce	Dr. D. Aravazhi Irisappane Dr. R. Ashagaiah	Fund Management, Equity Research and HRM Finance, Banking and Insurance		
English	Dr. P. Raja Dr. D. Gunasekaran	Indian Writing in English, Folklore, Translation & Specialization in the History, Culture, Literature and Religion of Puducherry. Applied Linguistics, ELT, Indian Writing in English, Literary Theory and Translation.		

● 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. Advanced construction Tech. & Environmental Engg.
	Dr. M. A. Sivasankaran	Environmental Engineering and Hydro Geochemistry, Water Supply and Waste Water Engineering, Industrial Waste Management Energy and Environmental Management.		
	Dr. S. Kothandaraman	Structural Engineering, Construction Materials, Non-Conventional Materials		
	Dr. S. Sivamurthy Reddy	Engineering Geology, Ground Water Hydrology		
	Dr. V. L. Narasimha	Transportation Engineering, Traffic & Transportation, Pavement Materials		
	Dr. R. Saravanane	Water supply and waste water Engg., Industrial waste management, Water quality modelling, Environmental Modeling and Risk Assessment.		
	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		
	Dr. V. Murugaiyan	Geotechnical Engineering, Environmental Geotechnology, Soil Pollution.		
	Dr. G. Ramakrishna	Structural Engineering, Fiber reinforced concrete		
	Dr. K. Pandurangan	Structural Engineering, Special concretes, Sustainable Materials		
Dr. P. Revathi	Structural Engineering			

Subject Offered	Name of the Recognised supervisors	Specialization	Question paper pattern	Syllabus
Mechanical Engineering	Dr. T. Senthilvelan	Production Engg.		Covering different fields of Mech. Engg.
	Dr. K. Mahadevan	Materials and Manufacturing		
	Dr.N. Alagumurthi	Modeling & Simulation studies in Mech.Engg.		
	Dr. M. Pugazhivadivu	Internal Combustion Engines, Alternative Fuels		
	Dr. P. Mathiazhagan	Heat Transfer and Corrosion		
	Dr. B. Prabu	Engineering Design, FEA		
	Dr. K. Palaniradja	Modeling & Simulation in Manufacturing & Thermal Systems		
	Dr. R. Elabsezhan	Surface engineering synthesis and characterization of nano materials and coatings, Micro machining		
	Dr. A. Selvaraju	Thermal Sciences and engineering, CFD, design and simulation of thermal systems		
Electronics and Communication Engineering	Dr. P. Dananjayan	Wireless Communication	Two hours of objective type questions	Covering different fields of Electronics and communications Engg.
	Dr. E. Srinivasan	Digital Signal Processing, Digital Image Processing		
	Dr. G. Nagarajan	Wireless - Communication and Networks		
	Dr. M. Tamilarasi	Mobile Adhoc Networks, Wireless Sensor Networks, Digital System Design		
	Dr. Gnanou Florence Sudha	Digital Image Processing, Digital Signal Processing, Biomedical Engineering		
	Dr. V. Saminadan	Optical Communication, Optical Networks, Wireless Communication Networks, VLSI Design		
	Dr. D. Saraswady	Adhoc and Sensor Networks, Wireless Communication		
	Dr. G. Sivaradje	Wireless Communication, Image Processing		
	Dr. R. Gunasundari	Adhoc and Sensor Networks, Wireless Communication, Biomedical Signal Processing		
	Dr. N. Nithyanandan	Wireless Communication, Sensor Networks		
	Dr. K. Jayanthi	Personal and Wireless Communication Networks, Digital Image Processing, Digital Communication		
	Dr. V. Vijayalakshmi	Information and Network Security, Securing Wireless and Sensor Networks, ASIC and VLSI Design		

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		
	Dr. M. Ezhilarasan	Image and Video Processing, Data Compression, Bio-metrics		
Computer Science and Engineering	Dr. S. Saraswathi	Intelligent Systems, Speech Processing, Natural Language Processing	As per the University pattern	P.G. Standard
	Dr. R. Manoharan	Network Technologies		
	Dr. F. Sagayaraj Francis	Data Management, Data Modeling and Analysis		
	Dr. G. Zayaraz	Software Engineering and Architecture, Information Security		
	Dr. E. Ilavarasan	Distributed systems, Internet Computing and Web Services		
Electrical & Electronics Engg.	Dr. K. Manivannan	Digital Signal Processing, 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/ micro controller/FPGA based system design		
	Dr. A. Muthuramalingam	Power Electronics, Drives and control AI techniques, modeling , estimation, fault diagnosis and condition monitoring of Electrical and Electronic Systems		
	Dr.R.Gnanadass	Power system optimization		
	Dr. Christopher Asir Rajan	Power system optimization, operation, control, planning, Power electronic application to power systems AI techniques to Power systems.		
	Dr. K. Rajambal	Power Electronics, Electrical drives, Electric vehicles, Wind Energy systems		
	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		
	Dr. Sudhakaran	Power system operation and control		
	Dr. Alamelu Nachiappan	DSP Based Power Control		
	Dr. K. Rajambal	Power Electronics, Wind Energy Conversion Systems		
	Dr. S. Jeevanantham	Power Electronics		
	Dr. N. P. Subramanian	Power System Quality		
	Dr. Ajay Vimal Raj	Power System Optimization		

Subject Offered	Name of the Recognised supervisors	Specialization	Question paper pattern	Syllabus
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		
Physics	Dr. B. Palanivel	Solid State Physics: Electronics Structures	As per University pattern	P.G. Standard
	Dr. S. Nagarajan	Luminescence		
	Dr. B. J. Kalaiselvi	Ferroelectrics		
	Dr. R. Kannan	Solid State Physics: CMR and Ceramic Oxides		
	Dr. Harish Kumar	Computational Physics		
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		

● Zoological Survey of India (ZSI), Port Blair

Subject Offered	Name of the Recognised supervisors	Specialization	Eligibility
Taxonomy Ecology Zoogeography	Dr. C. Raghunathan	Marine Biology	Zoology, Marine Biology, Wildlife Biology, Ecology and Life Sciences
	Dr. C. Sivaperuman	Wildlife Biology	

● Bharathidasan Womens' College

Subject Offered	Name of the Recognised supervisors	Specialization	Syllabus
Home Science (All branches)	Dr. V. Raji Sugumar	All branches of Home Science	P.G. Standard
	Dr. Josephine Nirmala Mary		

● French Institute of Pondicherry

Subject Offered	Name of the Recognised Supervisors	Specialization	Research Projects
INDOLOGY : SANSKRIT STUDIES Keywords and thematic fields: Saivagama-s, Saivasiddhanta, Sanskrit Grammar, Sanskrit Literature and Manuscriptology Note: Only candidates with adequate background in Sanskrit studies may apply, as knowledge of read, written and spoken Sanskrit is mandatory. The question paper will be drafted in Sanskrit.	Dr. T. Ganesan	Saiva Agama, Saiva Siddhanta	See Website www.ifpindia.org
	Dr. S. Lakshmi Narasimham	Sanskrit Grammar Sanskrit Literature	
	Dr. Devi Prasad Mishra	Sanskrit Literature and Manuscriptology	
ECOLOGY Keywords and thematic fields: Population/ community/landscape Ecology; Distribution of species; Forest dynamics; spatial modeling; Bio- diversity conservation; Forest structure; Biomass; Paleoenvironments; Botany; Ecology; Wildlife Biology	Dr. Cedric Gaucherel	Ecosystem Ecology and Theoretical Ecology	
	Dr. Raphaël Pelissier	Tropical forest Ecology	
	Dr. B. R. Ramesh	Forest Ecology	
	Dr. Anupama K.	Palynology, Aerobiology and Paleoecology	
	Dr. Ayyapan N.	Tropical Forest Ecology	
	Dr. Cheryl Nath	Forest Dynamics, Agro- forestry and Biodiversity Conservation	
SOCIAL SCIENCES Keywords and thematic fields: Urban Dynam- ics; Economic Geography; Disparities; Health, Medicine and Society; food and health; Risk, Circulation & Migrations; Mobility; Social Norms; Innovations; New Markets; Socio-Anthropology of Food; History of Food; Agrarian Study; Public Health	Prof. Velayoudom Marimoutou	Econometrics Applied macroeconomics	
	Dr. Eric Denis	Human Geography Urban Studies	
	Dr. Robert Kast	Risk (Economic)	
	Dr. Guy Attewell	History of medicine in South Asia	
	Dr. Laurent Pordié	Social studies of science and medicine in India	
	Dr. Brigitte Sébastia	Food, nutrition and health Mental health care	
	Dr. Bhuvanewari Raman	Social policy Anthropology	

● Dr. Ambedkar Govt. Law college, Puducherry

Subject Offered	Name of the Recognised supervisors	Specialization	Question paper pattern	Syllabus
Law	Dr. M. Ganagadevi	Law	Two hours of objective type questions	P.G. Standard
	Dr. L. Solomon Raja	Law		
	Dr. Ambika Kumari	Law		
	Dr. K. Chandrasegaran	Law		

ACADEMIC CALENDAR FOR THE UNIVERSITY PROGRAMMES 2013-2014 (for P.G./ P.G. Diploma Programmes of the University)

UNIVERSITY REOPENS AFTER SUMMER VACATION ON MONDAY 24TH JUNE 2013

Semester	Descriptions	Period of Session
ODD SEMESTER (24.06.2013 to 29.11.2013)	COUNSELLING AND REGISTRATION*	24.06.2013 to 28.06.2013
	Commencement of Regular Classes	01.07.2013 (Monday)
	Last date for payment of fees #	12.07.2013 (Friday)
	Last date for dropping courses	19.07.2013 (Friday)
	Submission of Registration Cards to the Academic Section	26.07.2013 (Friday)
	End of classes	14.11.2013 (Thursday)
	Commencement of Examinations	18.11.2013 (Monday)
	Completion of Examinations	29.11.2013 (Friday)
	Last date for declaration of provisional results	04.12.2013 (Wednesday)
	COUNSELLING AND REGISTRATION**	05.12.2013 to 09.12.2013
Semester	Descriptions	Period of Session
EVEN SEMESTER (02.12.2013 to 02.05.2014)	Commencement of Regular Classes	09.12.2013 (Monday)
	Last date for payment of fees #	16.12.2013 (Monday)
	Last date for dropping courses	19.12.2013 (Thursday)
	Submission of Registration Cards to the Academic Section	20.12.2013 (Friday)
	WINTER VACATION	26.12.2013 to 16.01.2014
	End of classes	23.04.2014 (Wednesday)
	Commencement of Examinations	25.04.2014 (Friday)
	Completion of Examinations	07.05.2014 (Wednesday)
	Last date for declaration of provisional results	09.05.2014 (Friday)
SUMMER VACATION	10.05.2014 to 22.06.2014	
UNIVERSITY REOPENS ON 23.06.2014 (Monday)		

* For Odd semester students

** For Even 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. Readmission will require Vice-Chancellor's approval.

No students who has less than 70% attendance in any course shall be permitted to attend the end-semester examination. He/ she shall be asked to repeat that course the next time it is offered.

ACADEMIC CALENDAR FOR THE UNIVERSITY ADD-ON PROGRAMMES 2013-2014

Semester	Descriptions	Period of Session
FIRST SEMESTER (31.07.2014 to 13.12.2014)	Admission Notification	15.07.2013 (Monday)
	Last date for receipt of filled in application	26.07.2013 (Friday)
	Last date for Admission	31.07.2013 (Wednesday)
	Commencement of classes	31.07.2013 (Wednesday)
	Submission of Registration of students admitted to the Academic Section II	14.08.2013 (Wednesday)
	Last date of submission of examination application	25.11.2013 (Monday)
	End of classes	13.12.2013 (Friday)
	Commencement of Examinations	16.12.2013 (Monday)
	End of Examinations	20.12.2013 (Friday)
	Declaration of Results	23.12.2013 (Monday)
SECOND SEMESTER (17.01.2014 to 30.04.2014)	Commencement of Classes	17.01.2014 (Friday)
	Last date of submission of examination application	31.03.2014 (Monday)
	End of classes	30.04.2014 (Wednesday)
	Commencement of Examinations	02.05.2014 (Friday)
	End of Examinations	07.05.2014 (Wednesday)
	Declaration of results	09.05.2014 (Friday)

(1) No students who has less than 70% attendance in any course shall be permitted to attend the end-semester examination of the Add-on course. He/ she shall be asked to repeat that course the next time it is offered.

(2) 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. Readmission will require Vice-Chancellor's approval.

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** may be checked from time to time.

Puducherry

Registrar

CONTACT DETAILS

PONDICHERRY UNIVERSITY	EPBAX: 0413-2654300 FAX: 0413 - 2655734 academictwo@gmail.com
AFFILIATED INSTITUTIONS - PH.D. PROGRAMMES	
Bharathidasan Womens' College, Puducherry	0413-2213504
Dr. Ambedkar Govt. Law college, Puducherry	0413-2656550, 2656570
French Institute of Pondicherry (IFP), Puducherry	0413-2334168
Frontier LifeLine Hospital & K. M. Cherian Heart Foundation, Chennai	044-42017575, 26567200
Kanchi Mamunivar Centre for P.G. Studies (KMCPGS), Puducherry	0413-2251687, 2251613
Pondicherry Engineering College (PEC), Puducherry	0413-2655210, 2655281
Regional Medical Research Centre (RMRC), Port Blair, A&N Islands	03192-251158, 251043
Vector Control Research Centre (VCRC), Puducherry	0413-2272396
Zoological Survey of India (ZSI), Port Blair, A&N Islands	03192-230115
AFFILIATED INSTITUTIONS - M.SC. BASIC CLINICAL SCIENCES PROGRAMMES	
Pondicherry Institute of Medical Sciences	0413-2656702, 2656603
Sri Manakula Vinayagar Medical College and Hospital	0413-2643000, 6533912
Sri Venkateswara Medical College and Research Center	0413-2644482, 2644045