



# LADY DOAK COLLEGE

MADURAI – 625 002, TAMIL NADU, INDIA  
 (An Autonomous Institution affiliated to  
 Madurai Kamaraj University)



**College with Potential for Excellence**  
**Re-accredited by NAAC with Grade A (3<sup>rd</sup> Cycle)**

## PROSPECTUS 2016-17

### MOTTO

The College Motto consists of three Latin words ‘Semper Pro Veritate’ meaning ‘Always for the Truth’ - selected by the Founder of the College from II Corinthians 13:8, ‘We can do nothing against the truth but only for the truth.’

### MISSION STATEMENT

To impart holistic education based on the Gospel values of love, justice, equality and peace to young women from all strata of society and enable them develop as intellectually mature, morally upright, socially responsible and spiritually inspired women leaders of our nation. The learning process and experiences are geared to liberate, transform and empower the learner and the learned (teacher).

### QUALITY POLICY

We, at Lady Doak College, aim to offer holistic education in Arts, Science and Business Studies for the empowerment of women from all strata of society by promoting academic excellence, employability and leadership with social commitment.

### ABOUT THE COLLEGE

Lady Doak College is one of the leading autonomous colleges located in the city of Madurai, South India. Ms. Katie Wilcox who had a vision and fervour for women’s education founded the college in the year 1948 at a time when there was no other institution for higher education exclusively for women in Madurai. It is affiliated to Madurai Kamaraj University and re-accredited in the third cycle once again with Grade ‘A’ by NAAC, CGPA 3.44 on a 4-point scale in the year 2013. It was awarded the status of College with Potential for Excellence by the University Grants Commission, New Delhi in the X plan and has sustained it in the XI and XII plan also. Its challenging curriculum blended with relevant Academic Programmes, Co-curricular activities, Exposure Programmes and a well-developed student support system have placed the college at the forefront in the field of higher education. The college currently offers 24 undergraduate, 14 postgraduate and 9 M.Phil., programmes and Madurai Kamaraj University has recognized 6 Departments as Research Centres. Besides these, 3 PG diploma, 2 diploma and 2 certificate courses are also offered.

At present, there are 4345 women students studying in the Departments of Humanities, Sciences, Commerce and Business Administration amongst which nearly 40% are first generation learners. The curriculum is structured to meet the future challenges of this fast changing world, ensuring dynamic and purposeful learning.

Lady Doak College has been functioning as an Autonomous College since 1978. The alumnae of our college hold prestigious positions in India and abroad, making vital contribution in their respective work-spots. Ours is one of the first few Arts and Science Colleges in the State of Tamil Nadu, which has initiated an international student exchange programme for credit transfer.

### **EDUCATIONAL OBJECTIVES OF THE COLLEGE**

- To work towards achieving academic excellence on par with international standards
- To develop the all-round personality of each student through
  - maximizing the use of her intellectual powers
  - training to develop her special talents
  - enhancing social awareness and self-realization
  - understanding national and cultural heritage
  - applying her learning to life situations
- To develop positive attitudes and skills for employment/ entrepreneurship

### **HIGHLIGHTS OF THE COLLEGE**

- Introduction of semester system in 1976
- One of the first colleges to be conferred with the autonomous status in 1978-79
- Accredited with FIVE Stars by NAAC 1999-2000
- Adoption of Choice Based Credit System in 2001-2002
- Introduction of UGC innovative PG Diploma in Molecular Modelling & Dynamics in the year 2005
- Awarded the status for 'College with Potential for Excellence' in 2004 – '05
- UGC supported Centre for Women's Studies functioning at a college level from 2004 – '05. Promoted to Phase II in 2010.
- Initiation of Community College in the year 2008
- All Lab Science Departments are supported with DST-FIST grant from 2011-12 to strengthen the teaching and research facilities in Science departments.
- Re-accredited by NAAC with Grade A (2<sup>nd</sup> Cycle) in 2006 – '07 and 3<sup>rd</sup> Cycle in 2013 – '14
- Introduction of Integrated Curricular Model for UG Programme in 2013

## CENTRES IN LADY DOAK COLLEGE

At present, the following 17 Centres are functioning on campus:

- Career Guidance & Placement Centre (CGPC)
- Centre for Communications and Multi Media (CCM)
- Centre for Entrepreneurship Development (CED)
- Centre for Environmental Studies (CES)
- Centre for Holistic Child Development (CHCD)
- Centre for Human Resource Development (CHRD)
- Centre for Human Rights Education (CHRE)
- Centre for Information Technology (CIT)
- Centre for Music (CFM)
- Centre for National Integration (CNR)
- Centre for Outreach & Service-Learning Programmes (COSLP)
- Centre for Value Education Programme (CVEP)
- Centre for Women's Studies (CWS)
- Christian Activity Centre (CSC)
- Common Science Instrumentation Centre (CSIC)
- Equal Opportunity Centre (EOC)
- International Study Centre (ISC)

## SCHOLARSHIPS FOR UG AND PG DEGREE PROGRAMMES

### MANAGEMENT SCHOLARSHIP

- Endowed Scholarships by faculty and friends of LDC.
- Sports Scholarships - full fee concession, free boarding and lodging for National and State level players based on selection trials
- Special Scholarships for those who represent MKU
- Work Scholarships
- Moore family scholarship
- International Endowed scholarships
- Scholarship towards lunch
- Student Interns

*Students who have availed Management Scholarships in the year 2015-16: 11%*

### GOVERNMENT SCHOLARSHIPS

Scholarship	Eligibility Annual Income less than (Rs.)
• SC/ST	2,00,000/-
• Backward Classes	2,00,000/-
• Most Backward Classes	2,00,000/-
• Denotified Community	2,00,000/-
• Minority Scholarship (Meritorious Student)	2,00,000/-
• Higher Education Special Scholarship (SC/ST)	1,00,000/-
• MBC/DNC/SC/ST Fee Concession	No Income Limit
• Indira Gandhi Scholarship for Single girl Child (UGC)	No Income Limit

*Students who have availed Government Scholarships in the year 2015-16: 20%*

## STUDENT AMENITIES

### J.X.MILLER MEMORIAL LIBRARY

- Contains 1,33,468 books, 148 print journals, newspapers & periodicals and subscribes to 2541 e-Journals and databases
- Barcoding system followed for the issue and return of books
- User's information request satisfied through referral service
- Online reference desk
- Surveillance and security system for safety in the library
- E-Journals accessible from Departments and the Centre for Information Technology, where free browsing is permitted

### HELM ARCHIVES

The Helm Archives, a part of the library, focuses on the history and growth of the college. It also provides biographical details of Ms. Katie Wilcox, the founder.

### INFRASTRUCUTRE FACILITIES FOR TEACHING AND LEARNING

- **Language Lab**

Language Lab is equipped with fifty virtual desktop computers connected to a centralized server. Orell-Interactive language learning software is also installed. It provides the platform for Technology-Integrated Language Learning and enhancement of the Listening, Speaking, Reading and Writing Skills.

- **Psychology Lab**

Here the students are trained to

- apply theoretical concepts in Psychology in the lab
- administer psychological tests and instruments
- score and interpret individual and group data
- tabulate, report and analyse behavioural data

- **Animal Cell Culture Facility**

- To learn the method of culturing animal tissues/cells
- To carry out cytogenetic studies and evaluate the effect of medicinal plant extracts on cancer cell lines

- **Plant Tissue Culture Lab**

This Lab is established with funds from DST-FIST and shared by students (UG, PG & M.Phil.) and Research Scholars of Botany, Zoology and Biotechnology departments to learn the basic culturing techniques of plants for

- secondary metabolite production
- phytoremediation
- gene transfer

- **GIS Lab**

Established with funds from ISRO in 2003. The GIS Lab has

- Licensed ArcGIS 9
- ERDAS 8.7 software
- a Trimble GPS
- 2 Garmin GPS
- a Digital Theodolite

- **Nanoscience Lab**

Nanoscience Lab is equipped with specialised instruments like

- AFM/STM - System
- Thin Film Maker - Thermal Sputtering unit
- Electro Chemical Workstation
- UV Visible Spectrophotometer
- Laser Raman Spectrometer
- Laboratory Chemical Vapour Deposit Reactor

- **Bioinformatics Lab**

Established by DBT-BIF fund with high end and medium end servers to enhance Biology Teaching through Bioinformatics (BTBI) for education and research.

Computer terminals and Software (GCG, Discovery Studio, Genious) for Sequence and Structure Analysis and Docking Studies

- **Computational Lab**

DST-FIST funded lab has Higher-end system, which is updated with scientific software for effective teaching, learning and research

- **Common Science Instrumentation Centre**

Centre has modern and sophisticated instruments like Double Beam Spectrophotometer, Elemental Analyser, Atomic Absorption Spectrophotometer, Spectrofluorimeter, Electrochemical Workstation, Thin Film Maker, Thermal Sputtering Unit, HPLC, Microwave Synthesiser, Fine Particulate Sampler, Fermentor, Thermocycler and UV Visible Spectrophotometer. Facilities are extended to research scholars of other institutions also.

- **Centre for Information Technology**

State-of-the-art facility provides a wireless, high speed network, secured from intruders.

- Wi-Fi facility in the college campus for the student and faculty members to avail internet connection at departments, common places and hostels
- High speed internet access through 100 Mbps Leased Line BSNL connection
- Centralized high end blade servers with storage were installed at the college premises to perform high computational automation facilities inside and outside the campus
- Fail-over backup and recovery facilities
- Free and Open Source Operating System and Software implemented in the curriculum and in infrastructure
- Virtualization of desktops implemented in labs and class rooms to deliver the highest performance and quality at the lowest possible cost and also reduce power consumption
- LED monitors installed in class rooms serving as a valuable teaching aid for lectures, instructions, schedule information streaming video, data display or promotional messages
- Learning Management System was incorporated in the academic activities to enhance teaching and learning anytime, anywhere
- Online publication of results
- Online attendance checking facility for students and parents
- Online payment of College, hostel and exam fee system

- **Centre for Communication and Multimedia**

With the advent of modern information technology, the involvement of multimedia in higher education has become an inevitable trend. The Centre for Communication and Multimedia offers an avenue to use the modern information technology. Photographic and video graphic equipment, projectors, microphones, interactive boards, document camera and scanners are available.

- **Multimedia Theatres**

There are two well-equipped Multimedia Theatres one of which is also equipped with Telepresenter, Presentation Production Server and Lifesize Clearsea Team 220, Four way (3+1) interacting, Full HD Multipoint Control Unit (MCU) and dual Mic Pods multi-conferencing client for video conferencing with high speed (upto 100 Mbps) internet lease line. The available hardware can capture and organize storage and retrieval of digital lessons (digital repositories) with facilities for web streaming and live streaming.

- **Media Lab**

The lab is equipped with ten desktop computers with video capture, editing and internet connectivity. HD Professional Video Camera and Professional DSLR Camera facilities are available for the students of the Short term courses and workshops on Photography, and Documentary Film Making. E-content material is also developed.

- **Recording Studio**

A sound proof studio for multi-track recording HD video work bench with Final Cut Pro to prepare E-content and quality multimedia documentation for college projects and activities.

- **ICT-enabled Classrooms**

Each department has at least one smart classroom with LCD projector facility to enhance ICT-enabled teaching and learning. Some classrooms have LED display monitors.

## **SPORTS & FITNESS**

- **Athletic Track and Sports Field including Kabaddi Court & Floodlit Basketball Stadium**

- **Golden Jubilee Auditorium-Cum-Indoor Stadium**

A central place for college programmes, cultural activities and indoor games (Basket Ball & Badminton) with a seating capacity of 3500

- **Multi Gym**

Fully equipped with Four Station, Treadmill, Multibar and Twister and widely used by the staff and students



## HOSTELS

- Accommodation available for 700 students in 12 hostels
- All rooms provided with ceiling fans, cots, study tables, chairs and shelves
- Double rooms and dormitory facilities available
- Centralised kitchen with gas facility
- Hygienic and nutritious food
- National and Regional dailies supplied to each hostel
- Each hostel provided with Wi-Fi connectivity through secured network
- Students permitted to use mobile phones and laptops during stipulated hours
- General stationery store and photocopying unit run by Alumnae Association

## WILCOX CHAPEL

A place for prayer, worship and meditation

- Morning, afternoon and evening Worship Services conducted to enrich the lives of the college community with the College Choir and Instrumental Accompaniment

## ACADEMIC ADVISING

Each student is guided by a faculty of the department in matters relating to academic life.

## COUNSELLING UNIT

- Provides individual and group counselling for needy students
- Trains selected staff in counselling skills

Part-time professional counselor renders personal counselling services to help the college community with personal/ familial/ academic problems and behavioural/ habit disorders.

## RESEARCH CULTURE PROMOTING CELL

- Promotes research culture on campus
- Supports quality research activities by staff and students

### **CAREER GUIDANCE AND PLACEMENT CENTRE**

The CGPC was established in 1994 with the mission of providing comprehensive quality programmes and resources for preparing a student with diverse skills to meet the current challenges in the job market.

The CGPC provides

- Career counseling: how one should equip oneself to meet the industry/institution requirements
- Library Service @ CGPC - a good collection of books on self-development and various competitive exams
- Opportunities for jobs through campus interviews
- Training on Aptitude and Soft Skills

### **NON-RESIDENT STUDENTS' CENTRE (NRSC) & CANTEEN**

- For the day-scholars' use
- Canteen serves hygienic food from 8 a.m. to 6.30 p.m.

### **COLLEGE CLINIC**

- Visiting doctor is available from 7 p.m. to 8 p.m. every day
- Nurses are available round the clock
- 30 beds
- Medical inspection is held every year for all students

### **BANK**

- State Bank of India – Lady Doak College Branch with ATM facility provides banking facility for the college community
- Functions between 10:00 a.m. and 4:00 p.m. from Monday to Friday and on working Saturdays

### **ECO-FRIENDLY INITIATIVES**

- Herbal garden
- Solar energy powered street lamps
- Rain water harvesting
- No soft drinks on campus
- Solid waste management
- Mini paper recycling unit

- Vermicomposting unit
- Aerobic compost unit
- Source reduction—no usage of paper cups
- Usage of polythene bags prohibited in campus
- Recycled water for Gardening through sewage Treatment plant

### **STUDENTS' ACTIVITIES**

The following facilities are available for the enhancement of knowledge and development of skills and talents

- Departmental Clubs with a myriad of academic programme at interdepartmental and intercollegiate levels
- Annual Cultural Meet
- Educational tours/ OSS/ Industrial visits
- Sports and Games of a wide variety including Ball-badminton and Athletics, Chess, Badminton, Basketball, Handball, Tabletennis, Volleyball, Kabaddi, Kho-kho, Swimming, Weight lifting, Hockey and Football.
- Value Education Courses
- Research activities for students and teachers in all disciplines
- Academic Seminars

---

## POSTGRADUATE COURSES

### STRUCTURE:

- Major-Related Courses
  - Major (Theory & Lab)
  - Major Optional
  - Allied & Project
- Electives (Basic/Applied/ Interdisciplinary)
- Value Based Courses (Two Courses of 2-hour duration each)

### EXTRA CREDIT COURSES (SEMESTER II TO IV)

- Self Learning Courses (SLC)
- Term Paper/ Mini Project

**All PG courses are framed on par with UGC-NET/SET/CSIR-Exam curriculum.**

---

## M.A./M.Sc. DEGREE COURSES

### AIDED PROGRAMMES

#### MASTER OF ARTS (M.A.) TAMIL

#### Eligibility Criteria

- Candidate must have passed the 3-year degree courses (under 10+2+3 pattern) recognized by the University as equivalent thereto.

#### Subject Highlights

- Translation in Literature, Sangam & Religious Literature, Epics, Modern Literature, Grammar & Linguistics, Tamil Feminism, Malayalam, Job Oriented Tamil, Translation Theories & Practices, Values in Tamil Literature, Tamil and other Disciplines, South East Asian Tamil Literature and Translation in Tamil Literature

#### Scope

- Can pursue M. Phil., Ph.D., B.Ed., P.G. Diploma Courses / Jobs in Teaching / Mass Media
-

---

## MASTER OF ARTS (M.A.) ENGLISH

### Eligibility Criteria

- Candidate must have passed the 3-year degree course (under 10+2+3 pattern) recognized by the University as equivalent thereto.

### Subject Highlights

- English for Effective Writing, Designing Multimedia Aids for Teaching, Translation Studies, Journalism and Mass Communication, Teaching of English, Soft Skills, Linguistics. Shakespeare, Indian Literature in English, Contemporary Literature, American Literature, African American Literature, Post-Colonial Literature, Research Methodology, Study of Teaching English & Critical Approaches

### Scope

- Can pursue M.Phil./ Ph.D./ Medical Transcription/ Translation Studies/Journalism & Mass Communication
- 

## MASTER OF ARTS (M.A.) HISTORY

### Eligibility Criteria

- Candidate must have passed the 3-year degree course (under 10+2+3 pattern) recognized by the University as equivalent thereto.

### Subject Highlights

- History of Tamil Nadu, Indian Freedom Struggle, Indian Archaeology, Indian Art, Elements of Tourism, Tourism Management, International Relations, Contemporary India, Environmental History, History of USA, Historiography, Values in History, Peace Studies, Women's Studies, Ideas and Movements 18th-20th Century, Public Administration, Conflict and Conflict Resolution, Human Rights, Ecotourism and Computer Courses, Multimedia, Desk Top Publishing

### Scope

- Can pursue B.Ed./ M.Phil./PGDCA/ MBA /MTM/ Ph.D.
  - Can appear for Civil Service exams
-

---

**MASTER OF ARTS (M.A.) ECONOMICS**  
**(Awaiting approval for title change as M.A. Economics**  
**from M.A. Economics with Computer Applications)**

**Eligibility Criteria**

- Candidate must have passed the 3-year degree course (under 10+2+3 pattern) recognized by the University as equivalent thereto.

**Subject Highlights**

- Advanced core Economics Theory Papers, Mathematical Economics, Econometric Analysis using Software, Research Methodology with Computer Applications, Operations Research with Computer Applications, Statistics, Financial Economics, Environmental Economics & Projects

**Scope**

- Can appear for Data Analyst/ Civil Services/ TNPSC Gp-1, UPSC Exams / Economic, Financial & Statistical Services/ Public Administration
  - Can pursue B.Ed./ M.Phil. in Applied Economics / Ph.D.
- 

**MASTER OF SCIENCES (M.Sc.) MATHEMATICS**

**Eligibility Criteria**

- Candidate must have passed the 3-year degree course (under 10+2+3 pattern) recognized by the University as equivalent thereto.

**Subject Highlights**

- Groups, Rings & Lattices Graph Theory, Topology Real & Complex Analysis, Measure and Integration, Differential Equations, Differential Geometry, Functional Analysis, Fluid Dynamics, Mathematical Statistics, Field Theory, Module Theory, Combinatorics, Advanced OR, Project

**Scope**

- Can pursue M.Phil. / Can do research
-

---

## **MASTER OF SCIENCES (M.Sc.) ZOOLOGY (SPL. IN BIOTECHNOLOGY)**

**(Equivalent to M.Sc. Zoology G.O. No. 27 Dated 13.02.2014 )**

### **Eligibility Criteria**

- Candidate must have passed the 3-year degree course (under 10+2+3 pattern) recognized by the University as equivalent thereto.

### **Subject Highlights**

- Physiology, Biochemistry, Microbiology, Molecular Biology, Genetics and Evolution, Immunology, Plant and Microbial Biotechnology, Statistical tools in Biological Research, DNA technology, Animal Biotechnology, Biodiversity, IPR and Biosafety

### **Scope**

- Career options in Academic and Research Institutes, Government Departments like Wild life, Environmental Studies and Zoological Survey of India
- 

## **M.Com./ MSW/ M.Sc. DEGREE COURSES**

**(SELF-FINANCED)**

### **MASTER OF COMMERCE (M.Com.)**

#### **Eligibility Criteria**

- A pass in B.Com./ B.B.A/ B.B.M/ B.Com.(CS)/ B.Com.(B&I)/ B.Com.(C.A)/ B.Com.(Hons)/ B.Com.(P.A.)

#### **Subject Highlights**

- Financial Management, Business Management, Corporate Accounting, Operations Research, Managerial Economics, Financial Services, Human Resource Management, Financial Services, Business Statistics, Software Package for Data Analysis, Cost Accounting, Accounting for Decision Making, Marketing Research, Software Packages in Accounting, Investment Management & Security Analysis, Investment Management & Security Analysis, International Business, International Marketing

#### **Scope**

- Can pursue research / Corporate Placement in both National and Multinational Companies/ Career in Teaching / Pursue B.Ed.
-

---

## MASTER OF SOCIAL WORK (M.S.W.)

### Eligibility Criteria

- Candidate must have passed any 3-year undergraduate degree course.
- Selection process consists of a written test, group discussion and personal interview.

### Subject Highlights

- Two-year professional degree with integrated focus on Health, Community work & management. Contemporary academic theory and practicals with multifaceted field work exposure. International interface with experts and social work institutions around the world. Specialized training in Counselling, Documentary Film making, Folk Arts, Street theatre, participatory Rural Appraisals and Psychological testing. Hands-on field experiences at National & International professional organizations. Opportunity to become a social worker with a difference.

### Scope

- Placement in National & International organizations.
- Creative Leadership in lobbying and framing Social policies in Government sectors.
- Opportunities in Training and Consultancy Services.
- Prospects in Physical & Mental Health sectors.
- Focus on Teaching and Research.

---

## MASTER OF SCIENCES (M.Sc.) PHYSICS

### Eligibility Criteria

- A pass in B.Sc. Physics with Mathematics as one ancillary subject.

### Subject Highlights

- Hands on training in Research level Software
- Nanoscience/ Thin film Physics, Micro- Controllers (theory & lab) GIS & its Application
- Computational Physics lab, Modern Optics, Digital Image Processing
- Introduction to Python, History & Philosophy of Science
- Collaborative projects with Industries/ Research Institutes.

### Scope

- Can pursue M.Phil. / research
-



---

## MASTER OF SCIENCES (M.Sc.) CHEMISTRY

### Eligibility Criteria

- A pass in B.Sc. Chemistry with Physics and Mathematics as ancillary subjects (or) with Botany/ Zoology as ancillary subjects with Mathematics at +2 level.

### Subject Highlights

- Papers on Molecular Spectroscopy, Advanced Organic Chemistry and Nano materials Computational Chemistry, Cheminformatics, Electro Organic Chemistry. A summer Research Project/ Industrial Training/ Training Programme with or without Sponsorship is made mandatory for the M.Sc. Students at the end of the first year.

### Scope

- Pursue M.Phil./Ph.D. Employment in educational institutions and industries
- 

## MASTER OF SCIENCES (M.Sc.) MICROBIOLOGY

### Eligibility Criteria

- A pass in B.Sc. Botany/ Microbiology/ Zoology/ Environmental Biology/ Chemistry with Biology or Microbiology as an ancillary subject.

### Subject Highlights

- Plant Biotechnology Molecular Biology Biosafety & IPR, DNA technology, Genomics, Proteomics & Gene therapy, Plant Microbe Interaction, Agricultural Microbiology, Preparation for Competitive exams, Research Methodology & Computer Applications, Elective courses such as Art of Scientific Writing, Bioinformatics, Writing, Bioinformatics, Entrepreneurship Development & Self Learning Courses such as Forensic Biology and Aerobiology to earn extra credits.

### Scope

- Career in Teaching / Microbiologist in Clinical Labs & Industries.
-

---

## MASTER OF SCIENCES (M.Sc.) BIOTECHNOLOGY

### Eligibility Criteria

- A pass in undergraduate degree in B.Sc. Biotechnology/ Biochemistry/ Microbiology/ Zoology/ Botany/physics/Chemistry/Agricultural Science with a minimum of 50% marks in Part – III.

### Subject Highlights

- Immunology and Immunotechnology, Bioinstrumentation Genomics, Proteomics and Bioinformatics, Bioprocessing Technology, Introduction to Nano science, Biomaterials and Tissue Engineering.

### Scope

- Pursue research in Biotechnology Institutes & related fields.
  - Publish research papers in peer reviewed journals.
- 

## MASTER OF SCIENCES (M.Sc.) COMPUTER SCIENCE

### Eligibility Criteria

- 50% aggregate in B.Sc. Computer Science, B.Sc. Information Technology & Management, B.Sc. Computer Applications, B.Sc. Physics with Computer Applications, B.Sc. Mathematics with Computer Applications, BCA. And B.Sc. Information Technology.

### Subject Highlights

- Microprocessor, PC Hardware and Interfacing, Network Programming, Digital Image Processing and Modern Operating system Concepts, J2EE Data Mining, Cloud Computing, Mobile Computing. Advance Object Oriented Programming Mini Project in III Semester Full time project in reputed Companies/ Research Institutes in IV semester

### Scope

- Job and research opportunities in reputed IT Companies and Educational Institutions.
-

## MASTER OF SCIENCES (M.Sc.) INFORMATION TECHNOLOGY

### Eligibility Criteria

- 50% aggregate in B.Sc. Computer Science, B.Sc. Information Technology & Management, B.Sc. Computer Applications, B.C.A., B.Sc. Maths, B.Sc. Physics, B.Com with Computer Applications.
- Other B.Sc. degree holders, must have studied any two languages: C, C++ or Visual Programming.

### Subject Highlights

- Data Structure and Algorithm. Open sources Technology, IT Services and Marketing, Concept in XML and opportunities, Financial Cost and Management, Software Project Management, Database Management System. OOPS, Dot Net, Data Communication and Computer Networks. UML, Artificial Intelligence Mini Project in Semester III. Full time Project in reputed Companies/ Research Institute in Semester IV.

### Scope

- Job and Research opportunities in reputed IT companies and educational Institutions.

## MASTER OF SCIENCES (M.Sc.) PSYCHOLOGY

*(Subject to Affiliation)*

### Eligibility Criteria

- UG Degree in Psychology (As a single major **or** as a part of a multiple major)
- Any Under-graduate degree with a minimum of two courses related to Psychology done in UG/ PG / DIPLOMA

### Subject Highlights

- Two-year master's program with specialization in Counseling & Psychotherapy / Industrial Psychology
- Classic and contemporary theoretical frameworks combined with lab-work
- Training in Psychological testing in the Laboratory which is equipped with globally acclaimed instruments and tests, both traditional and modern
- Internships with leading institutions/ organisations in the respective areas of specialization
- Skill training in Counselling techniques, Psychological testing, HR Practices, Training and Development, TQM and Performance Appraisal

### Scope

- Counselling: Counselling Psychologists, Vocational Counsellors, School / College Counsellors, Mental Health Counsellors

- Education: Special Educators, Learning Support teachers
  - HR: HR Trainers, HR Executive, HR Personnel
  - Prospects in Service Sectors/ Industries; Health Psychologists, Industrial Psychologists
  - Research-NIMHANS, CIPRA, ICSSR, NCERT, NBRC, NIMH
  - Professional Consultancy - National (DRDO, DIPR) and International organizations (WHO, UNICEF)
- 

## **M.Phil. PROGRAMMES**

**Selection process consists of an Entrance Exam.**

### **MASTER OF PHILOSOPHY (M.Phil.) TAMIL**

#### **Eligibility Criteria**

- A pass in M.A. Tamil with 55 % marks

#### **Subject Highlights**

- Research Methodology, Minor Journals

#### **Scope**

- Develops creative thinking and writing skills / Journal writing / Literary critic / translator and Social reformer
-

### **MASTER OF PHILOSOPHY (M.Phil.) ENGLISH**

#### **Eligibility Criteria**

- A pass in M.A. English with 55% and above in core subjects

#### **Subject Highlights**

- Papers on Research Methodology and Advanced Literary Theories, Areas of Research. British, American Canadian, African-American Literature, Indian Writing in English and Linguistics.

#### **Scope**

- Ph.D. and M.B.A./ Career in Teaching
- 

### **MASTER OF PHILOSOPHY (M.Phil.) HISTORY**

#### **Eligibility Criteria**

- A pass in M.A. History with 55% and above in core subjects

#### **Subject Highlights**

- Papers on Research Methodology and subaltern studies, Dissertation in second semester, Areas of Specialisation –Modern Indian History, Tamil Nadu, Women's Studies, Tourism, Human Rights and Archaeology

#### **Scope**

- Career in Teaching /Pursue Research
-

---

## MASTER OF PHILOSOPHY (M.Phil.) COMMERCE

### Eligibility Criteria

- A pass in M.Com. M.Com. (CA), M.Com. (CS) & MFC

### Subject Highlights

- Research Methodology, Training in SPSS

### Scope

- Pursue research leading to Ph.D. / Publish research papers in peer reviewed journals.
- 

## MASTER OF PHILOSOPHY (M.Phil.) CHEMISTRY

### Eligibility Criteria

- A pass in M.Sc. Chemistry

### Subject Highlights

- Latest advances in Nanotechnology and green Chemistry, Computational Chemistry, In-depth study of current international journal articles. Evaluatory seminars with weightage equal to written tests.

### Scope

- Pursue Ph.D. / Employment in educational institutions and industries / Project assistants in University or Research Centre's.
-

## MASTER OF PHILOSOPHY (M.Phil.) BIOTECHNOLOGY

### Eligibility Criteria

- A pass in postgraduate degree in any discipline related to Life Sciences (Zoology/ Immunology/ Biochemistry/ Biotechnology/ Microbiology/ Genetics/ Molecular Biology)

### Subject Highlights

- Research Methodology, Advances in Biotechnology

### Scope

- Pursue research in Biotechnology and related fields / Publish research papers in peer reviewed journals / Apply to funding agencies for doing independent project
- 

## PG DIPLOMA IN COUNSELING AND PSYCHOTHERAPY

### Eligibility Criteria

- Any undergraduate degree with a minimum of 55 % marks

### Subject Highlights

- Training in counseling skills, Practical work experience to develop professional competencies, Training in psychological testing [lab], Participatory and experimental learning
- MoU signed with 'Anugraha' Dindigul Capuchin Institute for Counseling Psychotherapy & Research in 2011

### Scope

- Can work as Counsellors in Student Counselling, Career Counselling, Marriage and Family Counselling, Industrial Counselling, Crisis Counselling, Clinical Counselling, Community Counselling, Child and Adolescent Counseling
-

---

## PG DIPLOMA IN REMOTE SENSING & GIS

### Eligibility Criteria

- Pass in UG degree in any Science/ Humanities/ Engineering/ Geography/ Geology from recognized Universities

### Subject Highlights

- Emphasis on case studies, projects, field work and training in Cartographic techniques, GIS modeling and applications, Hands on training in ERDAS and Arc GIS

### Scope

- GIS Analyst
  - GIS Technician
  - GIS Tutor/Trainer
- 

## PG DIPLOMA IN HUMAN RESOURCE DEVELOPMENT

### Eligibility Criteria

- Pass in any undergraduate degree with minimum 55% of marks from any recognized universities

### Subject Highlights

- Human Resource Management, Corporate Communication, Training and Development, Labour Legislations, Hands on training through Industrial visits and Inplant Training, Develops essential management skills, leadership, communication team work

### Scope

- Career opportunities as HR Managers, HR Consultants Training & Development, Managers in business and service sectors
  - Builds Professional competency
- 

## DIPLOMA IN BIOINFORMATICS

### Eligibility Criteria

- B.Sc. degree (50% minimum) in Mathematics, Physics, Chemistry, Botany, Zoology, Biotechnology, Biochemistry, Microbiology and Computer Science from a recognized Indian University



**Subject Highlights**

- Fundamentals of Biological Systems, Basics of Bioinformatics, Lab in Bioinformatics, Structural Bioinformatics and Molecular modeling

**Scope**

- Job in Pharmaceutical Lab
  - Biotech companies and Research Institution as Researchers
  - Database programmer
  - Software developer
  - Computational Biologist
  - Molecular modeler
  - Small Molecule modulators
  - Pharmacogenetician
- 

**CERTIFICATE PROGRAMME IN REMOTE SENSING & GIS****Eligibility Criteria**

- Open to undergraduate Physics students of Lady Doak College

**Subject Highlights**

- Hands on training in ERDAS and ARC GIS along with theory

**Scope**

- GIS Analyst
  - GIS Technician
  - GIS Tutor/Trainer
- 

**CERTIFICATE PROGRAMME IN ECONOMICS AND BUSINESS STUDIES\*  
(ADD-ON COURSE)****Eligibility Criteria**

- Students with Bachelor's Degree in Business Administration or Commerce or Economics with a minimum of 60% in Part III are eligible

### **Subject Highlights**

- Micro Economics, Marketing Research and Organisational Behaviour

### **Scope**

- The students become eligible for the Post Graduate Programme (MS) either in International Commerce and Policy (ICP) or International Economics and Finance (IEF) at Valparaiso University, Indiana, USA
- The credits earned in this certificate programme would be transferred to the MS programme offered by Valparaiso University, Indiana and USA\*

\* Student should have passed the TOEFL Exam before completing this programme.

---

---

 FEE STRUCTURE FOR FIRST YEAR POSTGRADUATE AIDED PROGRAMMES
 

---

<b>Courses</b>	<b>Tuition Fees</b>	<b>Special Fees</b>	<b>Lab Fees</b>	<b>Convocation Fees</b>	<b>University Entrance, Recognition &amp; Verification</b>	<b>Total</b>
M.A.	500	264	-	25	39	828
M.Sc. MAT	750	264	-	25	39	1078
M.Sc. ZOO	750	264	350	25	39	1428

Note: PG Students from Universities other than Madurai Kamaraj University have to pay University Entrance fees of Rs.45/- and University Recognition Fees of Rs.150/-.

---

## FEE STRUCTURE FOR FIRST YEAR POSTGRADUATE SELF-FINANCED PROGRAMMES

Courses	Self-Financed Courses Fee					KWEA		I SEMESTER			II SEMESTER			Grand Total
	Tuition Fee	Spl & Uni	Lab.	Professional Society Fee	Total SF	Exam Fee	KWEA FEE	SF		KWEA	S.F.		KWEA	
M.Sc. IT	12600	2700	16500	300	<b>32100</b>	<b>2630</b>	<b>14150</b>	16050	+	9705	16050	+	7075	<b>48880</b>
M.Sc. Physics	11400	2700	2800	300	<b>17200</b>	<b>2180</b>	<b>9150</b>	8600	+	6755	8600	+	4575	<b>28530</b>
M.Sc. Chemistry	11400	2700	6600	300	<b>21000</b>	<b>2330</b>	<b>9850</b>	10500	+	7255	10500	+	4925	<b>33180</b>
M.Sc. Microbiology	13000	2700	9900	300	<b>25900</b>	<b>2330</b>	<b>10850</b>	12950	+	7755	12950	+	5425	<b>39080</b>
M.Sc. Biotechnology	13400	2700	22000	300	<b>38400</b>	<b>2540</b>	<b>13350</b>	19200	+	9215	19200	+	6675	<b>54290</b>
M.Sc. Computer Science	13000	2700	16500	300	<b>32500</b>	<b>2310</b>	<b>14150</b>	16250	+	9385	16250	+	7075	<b>48960</b>
M.Com.	10500	2700	1000	300	<b>14500</b>	<b>2120</b>	<b>11200</b>	7250	+	7720	7250	+	5600	<b>27820</b>
M.S.W.	10500	2700	1100	300	<b>14600</b>	<b>2740</b>	<b>8650</b>	7300	+	7065	7300	+	4325	<b>25990</b>
M.Sc. Psychology	12500	2700	3500	300	<b>19000</b>	<b>2740</b>	<b>9450</b>	9500	+	7465	9500	+	4725	<b>31190</b>
M.Phil. Tamil	5100	2700	600	300	<b>8700</b>	<b>3100</b>	<b>7950</b>	4350	+	7075	4350	+	3975	<b>19750</b>
M.Phil. Economics	5100	2700	1100	300	<b>9200</b>	<b>3400</b>	<b>8050</b>	4600	+	7425	4600	+	4025	<b>20650</b>
M.Phil. History	5100	2700	1100	300	<b>9200</b>	<b>3100</b>	<b>8050</b>	4600	+	7125	4600	+	4025	<b>20350</b>
M.Phil. Commerce	5100	2700	1100	300	<b>9200</b>	<b>3125</b>	<b>8050</b>	4600	+	7150	4600	+	4025	<b>20375</b>
M.Phil. English	8000	2700	1100	300	<b>12100</b>	<b>3100</b>	<b>8650</b>	6050	+	7425	6050	+	4325	<b>23850</b>
M.Phil. Chemistry	10100	2700	9500	300	<b>22600</b>	<b>2825</b>	<b>10750</b>	11300	+	8200	11300	+	5375	<b>36175</b>
M.Phil. Physics	9500	2700	8100	300	<b>20600</b>	<b>2825</b>	<b>10350</b>	10300	+	8000	10300	+	5175	<b>33775</b>
M.Phil. Microbiology	9500	2700	10500	300	<b>23000</b>	<b>3100</b>	<b>10850</b>	11500	+	8525	11500	+	5425	<b>36950</b>
M.Phil. Biotechnology	8300	2700	13200	300	<b>24500</b>	<b>3100</b>	<b>11150</b>	12250	+	8675	12250	+	5575	<b>38750</b>

Note: - Students from Universities other than Madurai Kamaraj University have to pay the Entrance & Recognition Fees separately.

### FEE STRUCTURE FOR SELF-FINANCED PG DIPLOMA/ DIPLOMA/ CERTIFICATE COURSES

Course	Self-Financed Course Fee				KWEA		Grand Total
	Tui.Fee	Spl & Uni	Lab.	Total SF	KWEA Fee	Exam Fee	
PG Diploma in Counselling and Psychotherapy	6000	1700	10300	18000	9250	2390	29640
PG Diploma in Human Resource Development	7500	1700	1000	10200	8250	3220	21670
PG Diploma in Remote Sensing & GIS	7800	-	2500	10300	8250	850	19400
Diploma in Bioinformatics	7800	-	2500	10300	8250	850	19400
Certificate Course in Remote Sensing & GIS	2700	-	500	3200	1800	1130	6130
Certificate Course on Economics & Business Studies	2500	-	-	2500	600	600	3700

### HOSTEL FEE STRUCTURE 2016-17

Particulars of Fees	ODD Semester
	RS.
Admission Fee (Initial Payment)	4,000/-
Establishment Charges (Initial Payment) Room rent, periodicals, dhobi charges, health & hygiene	5,500/-*
Maintenance Charges (Initial Payment)	2,500/-*
Electricity Charges (Initial Payment) (Uninterrupted power supply)	3,000/-
Water Charges (Initial Payment)	2,000/-
Note: The above fees are non-refundable	
Medical/Caution Deposit (Contingency)	500/-
Refundable or adjustable	
<b>TOTAL</b>	<b>17,500/-</b>
Mess Fee	22,000/- per year

**HOSTEL FEE GRAND TOTAL - Rs. 39,500/- per year**