



## **MATS UNIVERSITY, Raipur**

RECOGNISED BY UGC, NEW DELHI

MEMBER OF ASSOCIATION OF INDIAN UNIVERSITIES, NEW DELHI

**ANNUAL REPORT  
2011-2012**

## Programmes Offered

### Catapult your career to a higher orbit

Programmes offered at MATS University are innovative, practical oriented and industry focused. The programmes are designed to enhance practical knowledge, develop managerial / technical skills and to develop professional attitude.

#### School of Engineering and Information Technology

- >BE (CSE) - Bachelor of Engineering (CSE)
- >BE (ECE) - Bachelor of Engineering (Elec. & Comm.)
- >BE (ME) - Bachelor of Engineering (Mech. Engg.)
- >BE (IT) - Bachelor of Engineering (Information Technology)
- >BE (CIVIL) - Bachelor of Engineering (Civil)
- >BE (Aero) - Bachelor of Engineering (Aeronautical)\*

#### School of Management Studies and Research

- >BBM - Bachelor of Business Management
- >MBA - Master of Business Administration
- >M.Phil. - Master of Philosophy
- >Ph.D - Doctor of Philosophy

#### School of Law

- >B.B.A. LL.B. - Bachelor of Law (Hon.) (5 Years Integrated Course)
- >B.A. LL.B\* - Bachelor of Laws
- >B.Tech. LL.B\* - Bachelor of Law
- >LL.D - Doctor of Law (For High Court judges)
- >LL.M - Master of Law (Trimester)
- >LL.M - Master of Law (Annual)
- >M.Phil. - Master of Philosophy
- >Ph.D - Doctor of Philosophy

#### >Diploma Courses

- Medical Jurisprudence
- Human Rights
- Intellectual Property Rights (I.P.R.)
- Taxation
- Labour Laws

#### > Certificate Courses

- Cyber Laws
- Construction Laws
- Realities
- Property Dealing

#### School of Information Technology

- >DCA - Diploma in Computer Applications
- >BCA - Bachelor of Computer Applications
- >MCA - Master of Computer Applications
- >PGDCA - Post Graduate Diploma in Computer Applications
- >M.Phil. - Master of Philosophy
- >Ph.D - Doctor of Philosophy

#### School of Life Sciences

- >B.Sc. (BT) - Bachelor of Science (Biotechnology)
- >B.Sc. (MB) - Bachelor of Science (Microbiology)
- >MSc. (BT) - Master of Science (Biotechnology)
- >MSc. (MB) - Master of Science (Microbiology)
- >MSc. (BI) - Master of Science (Bioinformatics)
- >M.Phil. - Master of Philosophy
- >Ph.D - Doctor of Philosophy

#### School of Basic Sciences

- >MSc. - Master of Science (Nano-Science & Technology)
- >MSc. - Master of Science (Physics (Materials Sc.))
- >MSc. - Master of Science (Chemistry (Industrial/Polymer))
- >MSc. - Master of Science (Mathematics (Computational Maths.))
- >MSc. - Master of Science (Environmental Science)
- >MSc. - Master of Science (Non-conventional Energy)
- >M.Phil. - Master of Philosophy
- >Ph.D - Doctor of Philosophy

#### School of Business Studies

- >B. Com. - Bachelor of Commerce  
(Accounting & Finance/ Banking & Insurance)
- >M. Com. - Master of Commerce (Finance/Accounting/Insurance)
- >M.Phil. - Master of Philosophy
- >Ph.D - Doctor of Philosophy

#### School of Education

- >B.Ed. - Bachelor of Education
- >B.P.Ed. - Bachelor of Physical Education
- >M.Ed. - Master of Education
- >MA - Master of Arts (Education)
- >M.P.Ed. - Master of Physical Education
- >M.Phil. - Master of Philosophy
- >Ph.D - Doctor of Philosophy

#### School of Fashion Design & Technology

- >B.Sc.-FDT - Bachelor of Science in Fashion Designing & Technology
- >Diploma - Diploma in Fashion Design & Technology
- Diploma in Interior Design & Decoration
- >Certificate- Certificate courses in Fashion Design & Technology

#### School of Humanities and Social Science

- >BA Honours - Bachelor of Arts (English with mass. comm.)
- >BA Honours - Bachelor of Arts (Hindi with Journalism & Tourism)
- >MA - Master of Arts (English)
- >MA - Master of Arts (Hindi)
- >M.Phil. - Master of Philosophy
- >Ph.D - Doctor of Philosophy

#### School of Library & Information Science

- >BLISc. - Bachelor of Library & Information Sc.
- >MLISc. - Master of Library & Information Sc.
- >M.Phil. - Master of Philosophy
- >Ph.D - Doctor of Philosophy

#### School of Sports Education

- >BPED - Bachelor of Physical Education
- >MPED. - Master of Physical Education
- >M.Phil. - Master of Philosophy
- >Ph.D - Doctor of Philosophy



## MATS

# School of Engineering and Information Technology

The 21st Century is an era of great global challenges including climate change, booming populations, increased levels of consumption and demand for resources, to name but a few. These challenges create tremendous opportunities for new generations of engineers, who will be called upon to take leading roles in developing and driving their solutions.

The goal of the MATS School of Engineering and Information Technology is not only to provide you with a top notch education, but to provide you an atmosphere where people work in harmony to help each other and build upon everyone's strength. We strive to provide you with a skill set that is valuable in the work place. This is done through interaction in learning between you and the professors. The interaction only begins there since you will also be encouraged to engage with fellow students and our amazing staff.

The MATS School of Engineering and Information Technology provides students with a strong foundation for their engineering careers and offers engineering students a wide range of quality resources. All of the programs will give you a broad range of skills to help you design, create and solve the most challenging problems. Our curriculum ensure graduates are highly sought after by employers.





## MATS School of Management Studies & Research

The MATS School of Management Studies and Research (MSMSR) strives to embody and usher in a new concept in the field of management studies in India. It offers graduate and postgraduate programs in management studies, encapsulating the spirit and needs of the time. The relevance and usefulness of these programs are underlined by their pragmatic and innovative yoking together of the theories and practices of management with those of information technology. Such an interdisciplinary integration aims at achieving and inculcating in the students a strategic perspective and edge necessary for effective and incisive decision making within an ever-fluid Indian business and industrial scenario. MSMSR provides an interactive learning process through spontaneity in Teacher-Student relationship. The skills imparted here are in conformity with those demanded by the ever-changing corporate expectations. The industrial exposure vitally supports the honing of the budding managers and provides them with the cutting edge know-how, a primary prerequisite of the new age manager.

One of the key foci of MAP School of Management Studies and Research is on fostering closer interactions with trade and industry through research. The MSMSR strongly believes in imparting knowledge and training to the students which can be applied in practice and has relevance to the business firms. With this objective in mind, the school invites professionals and practitioners for delivering special lectures to the students. Workshops, symposia, conventions, outbound activities and foreign industrial tours are organized at regular intervals to expose the students to the rigorous of real day business life and changing market environment globally.

## Corporate Linkages

### CORPORATE INTERNSHIP

In order to provide an opportunity to blend real life experience in an organization with the theories learnt in the class room the curriculum at MATS School of Management Studies and Research exposes the students to various corporate entities in the following time frames.

#### SEMESTER I - Organisation Study

Organisation Study: This program is a complete functional analysis of an organization conducted by the students over a period of 15 days.

#### SEMESTER II - Summer Internship

This dissertation lasting for a period of 8 weeks provides an opportunity to the companies to gauge the students understanding of the theories and their capability to implement it in real life situations.



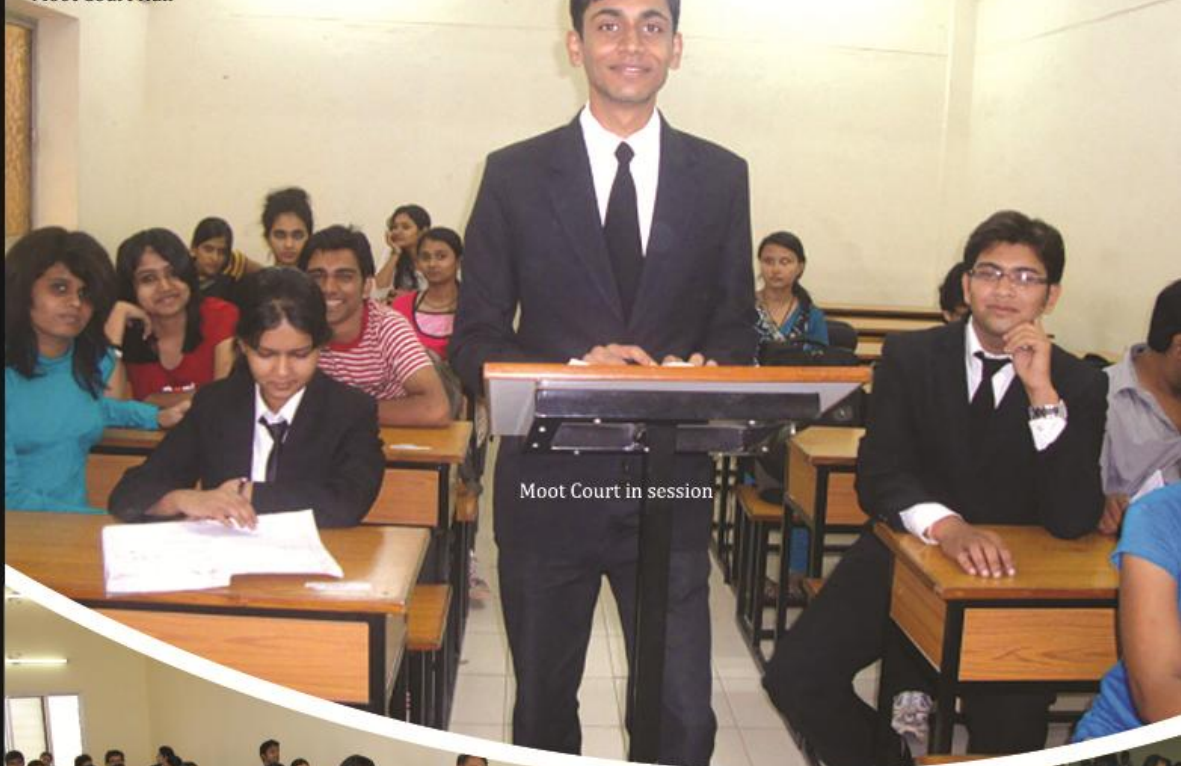
### FINAL PLACEMENTS

The final placement activities are conducted at MATS School of Management Studies and Research to place the students at a level commensurate to their experience and provide the companies a pool of participants that can directly be placed at various level positions.





Moot Court Hall



Moot Court in session



Class room in progress



Mr. I.M. Qudus, Hon'ble Judge C.G. High Court, starting to Students of MATS Law School.

## MATS Law School

Today, legal education has to meet not only the requirements of the Bar but also the new needs of trade, commerce and industry, in the context of growing internationalization of the profession. Hence, the Mission of MATS Law School is to contribute to the better preparation of lawyers as they increasingly engage in transnational or global legal practice, and when they pursue careers other than private practice, including governmental, non-governmental, academic and corporate careers.

MATS Law School is a place of continual activity, and unrelenting vitality. The array of experiences and opportunities that the Law School offers has no parallel in legal education in India. The range of academic and extracurricular activities, along with the variety of faculty and students, will make each day a potential adventure. MATS Law School's commitment to rigorous and exciting legal training is intimately connected to the MATS University's commitment to path breaking scholarship. Using a wide range of methodologies and bringing to bear insights from numerous other academic disciplines, the faculty of MATS Law School plumbs the depths of everything.

MATS Law School is a place for people who love ideas because ideas make a difference, who want to think about the law's interaction with public policy, who care about how things work and how to improve them, who wish to avail themselves of the diverse opportunities that the legal profession offers to serve the public. We assure you that at MATS Law School, the study of law will not be an arid intellectual exercise. If you are a student here, the School will expect much of you; from the very first day of class, it will challenge you to think and do things you didn't know you could. It will reward you by exposing you to ideas that will captivate and inspire you, by teaching you skills and ways of thought that will serve as the foundation of your career.

If you are the one we are looking for, again we welcome you to join the MATS Law School.



Director shaking hands with prof. U.R. Roy





MATS

## School of Information Technology

It is the primary responsibility of the privileged few to share the knowledge and resources with the rest for the advancement of the nation and the world.

School of Information Technology was established with a vision of technical and economic empowerment of Indian society through technological knowledge. Indian brains have proved their intellectual superiority through extraordinary performance in IT industries for last two decades. This big pool of our country's intellectual resource has to be guided in most efficient manner to reap maximum benefit for the nation. Individual as well as the knowledge empowered academic lineup will only be able to ensure fulfillment of this objective.

Enriched with state-of-the-art lab facility, equipments and faculty members with expertise in different areas of Information Technology, the School of Information Technology is dedicated to achieve world class quality standards in it's academic programmes, to become School of excellence. We aspires to constantly work and advance to impart, propagate and contribute to knowledge for the sustained growth of the individuals and society. The academic programmes are adequately combined with theoretical inputs, educational tours, industrial visits and





## MATS School of Life Sciences

The Bachelor Programmes in Biotechnology, Microbiology & Master Programmes in Biotechnology, Microbiology, Biochemistry and Bioinformatics at the School of Life Sciences with its team of talented, devoted and committed faculties, state of the art infrastructure, strong industry relations and a board of studies comprising of scientists, entrepreneurs and technocrats from academia and industry aims to impart high quality and effective teaching. The department houses well established specific laboratories like plant tissue culture, biochemistry, genetics, chemistry, biotechnology, bioscience and microbiology. It also gives state of the art facilities to the basic researchers within the department. It includes hi-tech instruments like uv- vis spectrophotometer, cooling centrifuges, microfuges, deep freezers, LAF, BOD incubator, electrophoresis accessories, orbital shaking incubators, binocular and trinocular microscopes, etc. The secret of success of this department lies in the academic environment and close ties between teachers and students. While one enjoys such flexibility, a rigid discipline is maintained as far as the classes and projects are concerned.

The facilities that are available to the students are superfluous and they are permitted to function individually in the lab. The Courses ensure further research and development frontier areas of Biological Sciences and gives a surplus of opportunities to do research and project work at national level. Moreover we provide maximum exposure to students in the field via industrial visits, training and internship programs. In addition to core area, we also work on the students for their overall personality development like human values, managerial & marketing skills, communication and presentation skills.





**MATS**

## **School of Business Studies**

**COMMERCE** is considered as an ever green subject. Major industries of the world are controlled by the developed western countries. Development of those countries is based on their industrial development which is closely associated with their concept towards trade, commerce and industry. Commerce education in India is in a developing stage. Still we need to develop this branch of study to a pinnacle stage. It is imperative for us to promote Advanced Commerce Education in India. Industries, the back bone of any nation, build its foundation with Commerce. Modern Commerce Education cover diversified fields such as Finance, Banking and Insurance, Accounting, Taxation, Audit, Broking and many more.

In response to the demand of the time, The **MATS School of Business Studies** has developed such a commerce course curriculum with vibrant value additions and practical exposures. Our B.Com and M.Com. courses are designed with sufficient value additions, Core Bracket subjects which gives special knowledge and practice in the area of Presentation skills, leadership Skills, Office Management, Strategic Management, Business Ethics, Negotiation Skills, Computer skills etc. Besides this the students are given a golden chance to visit different industries and prepare projects based on their tastes and aptitudes. Summer projects, Internships, Live Projects, Compulsory practical training, vibrant placement cells etc., makes MATS Commerce education an extra ordinary horizon.





## MATS School of Education

Mats School of Education provides holistic, value-based and interdisciplinary education; the aim is to train teachers who will empower future generations to live in local and global communities.

At MATS School of Education, Students are taught the core subjects of Education, Environmental Education, Evaluation of Learning and Guidance and Counseling in addition to more traditional teacher - training areas such as Educational Psychology, Content cum Methodology and Practice. Teaching, In addition to academics, there are ample opportunities for hands-on cultural, spiritual, artistic and community-service activities.

There by they will be the future generation of India vision 2020 who will be the so called as all-round development of personality in the present day context world taking with the past excepting the future prospect in India in particular and in whole world in general where as whole world as a family i.e. Vasudevakutumbakam - The Guru providing Teacher Education.







**MATS**

## **School of Fashion Design & Technology**

Fashion has ever existed, but after decades today. It's finally been taken as a serious profession. MATS School of Fashion is working towards a mission of identifying young students with professional managerial, technical and entrepreneurial aspirations, talent and determination that trigger them off to become excellent leaders in the fashion industry.

A carrier in fashion means opportunities, fame and big bucks. It also means explosive growth, trend setting styles and all that glitz, blitz and glamour. This academy provides serious professional training to its candidates in the field of fashion technology. The institution is well equipped with the desired infrastructure as per industry requirements.

The curriculum for its programs all well researched and recognized by leading exporters, industrialists and academicians to give vital inputs to ensure that programs are practical and industry oriented. The close interaction between the institution and the industry ensures continuous exposure of students to the industry.

The institute with its students works very hard to prepare itself to provide the industry such professionals that are apt for meeting global challenges of fashion era. Apart from imparting theoretical knowledge, the training methodology is structures so as to provide ample first and experience through practical projects.





MATS

## School of Humanities and Social Sciences

In MATS University, SHSS offers its curriculum in the spirit of providing a broadly based education. One reflection of that commitment is the University's core. Another reflection of it (partly overlapping with the first) is the program in the humanities and social sciences, which every student completes along with the core and a major. The School of Humanities and Social Sciences (SHSS) occupies a unique place on campus. We are simultaneously the one campus department that does house a major and the department with which each student will likely have the most extensive contact, after his or her major department.

### **Educating Leaders and Global Citizens**

The School has a central role in international education at MATS, and in preparing students for leadership. Working with the School's scholars, students gain cultural and historical perspective, and critical thinking and communication skills.

### **A Foundation for Success**

Recognizing the value of a multi-dimensional education for success in every field, the University provides all MATS undergraduates with a thorough grounding in humanities and social sciences disciplines. The depth of understanding and expansive perspectives provided by engagement with especially with disciplines of Languages of Hindi And English has important position which is the important hallmarks of MATS education.





## M.Phil.

Master of Philosophy

## Ph.D.

Doctor of Philosophy

### OBJECTIVE:

The Master of Arts in English & Hindi, Master of Philosophy (M. Phil.) & Doctor of Philosophy (Ph.D.) programmes will provide an opportunity to the students to undertake advanced studies in the subject in which he or she has already acquired postgraduation.

### Subjects in M.Phil & Ph.D

Physics, Chemistry, Mathematics, Geology, Statistics, Criminology and Forensic Science, Electronics, Nanoscience and Technology, Nanotechnology, Materials Science, Engineering physics, Non-conventional Energy, Computational Mathematics, Computational Physics, Computational Chemistry, Polymer Chemistry, Industrial Chemistry, Actuarial Science, Fashion Design & Technology, Biotechnology, Microbiology, Bioinformatics, Botany, Zoology, Bioscience, Biochemistry, Anthropology, Food Science & Technology, Information Technology, Management, Commerce, English, Hindi, Economics, History, Political Science, Geography, Psychology, Sociology, Linguistics (Pali, Prakrit, Sanskrit), Sanskrit, Fine Arts, Social Work, Public Administration, Interior Design & Decoration, Foreign Languages (French, German, Chinese, Japanese, Russian), Journalism & Mass Communication, Library & Information Science, Law, Education, Pharmacy, Physical Education.



### COURSE STRUCTURE (for M.Phil. - Master of Philosophy)

I. Compulsory papers: Paper I Paper II II. Optional paper (any one) Paper III Paper IV Paper V III. Dissertation (Mini thesis based on experimental or theoretical or analytical or survey work)	Paper Code	Papers/ Dissertation	Max. Marks		
			Theory	Seminar	Total
	M.Phil. 01	Paper I	80	20	100
	M.Phil. 02	Paper II	80	20	100
	M.Phil. 03	Paper III	80	20	100
	M.Phil. 04	Dissertation	150	50	200
			TOTAL MARKS		500

The minimum pass marks shall be 40% in each paper and dissertation, separately and 50% in aggregate. The candidates securing 60% or above marks will be declared as passed with merit.

### ELIGIBILITY

As per UGC norms.

### ADMISSION PROCEDURE

Merit cum interview shall be criteria for admission. The marks as obtained at Postgraduation from a recognized University or Institution.

[illegible][illegible]



## Entry requirement for MATS University

### How to apply

Admission to various undergraduate and postgraduate programs offered by MATS University is open candidate desirous of seeking admission to the programmes offered are requested to submit the application in the prescribed format. Applications Forms are available at the Admission Office.

Eligibility and Admission to Programmes at MATS university is indicated in the following matrix:

Course	10th	12th	UG	PG If any	Entrance Test Score	TC	CC	Migration Certificate	Gap Certificate If any
BE(Civil/Mech./ CSE/IT/E&C/ Aero.)	✓	✓	✓	✓	✓	✓	✓	✓	✓
MBA (Makt/Fin.)	✓	✓	✓	✓	✓	✓	✓	✓	✓
BBM(Global)	✓	✓	✗	✗	✗	✓	✓	✓	✓
BBM	✓	✓	✗	✗	✗	✓	✓	✓	✓
BBA-LLB	✓	✓	✗	✗	✓	✓	✓	✓	✓
BA-LLB	✓	✓	✗	✗	✓	✓	✓	✓	✓
BTech.LLB	✓	✓	✓	✓	✓	✓	✓	✓	✓
LLM(Trimester)	✓	✓	✓	✓	✗	✓	✓	✓	✓
LLM(Annual)	✓	✓	✓	✓	✗	✓	✓	✓	✓
LLD	✓	✓	✓	✓	✗	✓	✓	✓	✓
MCA	✓	✓	✓	✓	✓	✓	✓	✓	✓
BCA	✓	✓	✗	✗	✓	✓	✓	✓	✓
PGDCA	✓	✓	✓	✓	✗	✓	✓	✓	✓
DCA	✓	✓	✗	✗	✗	✓	✓	✓	✓
M.Sc.(BT/MB BC/BI)	✓	✓	✓	✗	✓	✓	✓	✓	✓
B.Sc.(BT/MB)	✓	✓	✗	✗	✗	✓	✓	✓	✓
B.Com	✓	✓	✗	✗	✗	✓	✓	✓	✓
M.Com	✓	✓	✓	✓	✗	✓	✓	✓	✓
B.Sc. (FDT)	✓	✓	✗	✗	✗	✓	✓	✓	✓
M.Lib	✓	✓	✓	✓	✓	✓	✓	✓	✓
B.Lib	✓	✓	✓	✓	✓	✓	✓	✓	✓
M.Phil	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ph.D.	✓	✓	✓	✓	✓	✓	✓	✓	✓

Reservation will be provided to SC/ST/OBC candidates as per the policy of the State Government from time to time

Scholarship will be offered for meritorious candidates.

The students have abide by the rules and regulations of the University as prescribed from time to time

The medium of instructions at MATS University is English only

For further information on Admissions, Please Contact:

The Admissions Office

**MATS University**

MATS Tower, Pagaria Complex

Pandri, Raipur 492 002 (C.G.)

Tel: +91-771-4078994/95/96/98

Fax: +91-771-4078997

E-mail: admissions@matsuniversity.ac.in

Website: www.matsuniversity.ac.in



**RAIPUR CITY CAMPUS**

MATS Tower, Pandri, Raipur, Chhattisgarh 492 004

**UNIVERSITY CAMPUS**

Aarang-Kharora Highway, Aarang, Raipur, Chhattisgarh, 493 441

Tel : +91 771 4078994,95,96,98 Fax : +91 771 4078997

Mob : +91 88276 94352, 53, 54 & 56

E-mail : [admissions@matsuniversity.ac.in](mailto:admissions@matsuniversity.ac.in), [info@matsuniversity.ac.in](mailto:info@matsuniversity.ac.in)

Website : [www.matsuniversity.ac.in](http://www.matsuniversity.ac.in)

As part of its continues R&D of the programs and services offered by MATS University, it reserves the right to change without notice any statement in this publication concerning, but not limited to rules, policies, tuition, fees, curricula and courses. This booklet is part of a package of informational publications intended to provide information related to the MATS School of Management Studies and Research.

© 2012 MATS University. All rights reserved. The information, Content, Photograph in this book may not be reproduced in any form without the written consent of MATS University.