

Progress made by MITS in last 2 years

1. At present, MITS has **194** highly qualified and experienced faculty members (26 Professors, 12 Associate Professors, 137 Assistant Professors and 19 Lecturers). 77 faculty members (about 40%) are Ph.D. and 36 faculty members (about 19%) are pursuing Ph.D. While at the time of visit of UGC review committee there were **166** faculty members (17 Professors, 05 Associate Professor, 119 Assistant Professor, 25 Lecturers). The current faculty student ratio is 1 : 11.
2. The 01 Gbps leased line has been installed at MITS campus under National Knowledge Network (NKN) scheme of the Government of India. First installment of Rs. 10.00 lac has already been paid to the BSNL for the same.
3. Also set up a new Electrical Machines Laboratory with all experimental set-ups imported from **LD Didactic GmbH, Federal Republic of Germany** worth Rs. 99 lac and already placed a purchase order worth Rs. 119 lac to M/s. **Tecquipment, United Kingdom** for experimental set-ups for new Mechanical Laboratory.
4. The Examination system as per Central University system has been designed and followed under the supervision of Controller of Examination. Regular controller of Examination has been appointed. The revised system has been approved and set in Manual of Rule and Practices (MORP-EX-1): Examination Conduct Rules and Regulations (ECRR). A copy of the same is given in **Annexure-11**.
5. The state-of-the-art auditorium for meditation, etc. has been commissioned.
6. Phase-II of New Academic Building (Acharya Brahaspati Bhawan) with 4,512 sq. mtr. Covered area is complete and construction of third phase with 4,512 sq. mtr. has also been completed and ready to be handed over .
7. Several research laboratories such as Electrical Machines Laboratory, Chemistry Research Laboratory, Physics Research Laboratory and Water Technology Laboratory have been created. Further 10 new labs are being augmented with effect from session 2011-12. These are, Nuclear Instrumentation Lab, Power Electronic Lab, Power System Lab, Thermodynamics Lab, CAD Lab, I.C. Engine Lab, Fluid Mechanics Lab, Fluid Machineries Lab, Strength of Material Lab and Computer Lab.
8. FET and FMS have together started two innovative programmes are; (1) MBA (Tech.) in CSE (2) MBA (Tech.) in ECE.

9. New programmes started in the emerging, innovative and inter-domain areas with effect from 2010-11 are; (1) M.Tech. Nuclear Science & Technology (2) MBA (Tech.) in CSE (3) MBA (Tech.) in ECE
10. Further new programmes started in emerging areas with effect from 2011-12 are; (1) M.Tech. Nano Science and Technology (2) M.Tech. Renewable Energy.
11. The programmes in emerging areas which are to be started with effect from 2012-13 are (1) B.Tech in Mechatronics (2) B.Tech in Instrumentation & Electronics Engineering (3) B.Tech + M.Tech Integrated Programme with specialization in Computer Science and Engineering (4) B.Tech + M.Tech Integrated Programme in Electronics & communication Engineering (5) 3-Year Integrated M.Tech in Nuclear Science & Technology.
12. MoUs signed in connection with emerging areas are; (1) CSIR-CEERI (2) CSIR-CMERI (3) Carleton University, Canada.
13. R&D linkages for the above emerging area oriented programmes are; (1) GE R&D Centre, Bangalore (2) CMERI (3) CEERI (4) GSI Helmholtz Research Centre, Germany (5) I.I.Sc., Bangalore.
14. Linkage has been established with French Atomic Energy Commission, France in the area of clean energy systems.
15. Acceptance of gene sequence by NCBI, USA and provided unique gene bank accession numbers. The work is being carried out at the R&D Centre of Biotechnology Department of MITS. Please refer para 2(B) for more details.
16. GE Foundation, USA awarded scholarships under their Multi-Country GE Foundation Scholar-Leaders Programme for the academic years 2011 and 2012.
17. List of MoUs signed are; (1) CEERI (2) CMERI (3) IBM (4) Oracle (5) Cisco - in process (6) Infosys Campus Connect - in process (7) Microsoft (8) National Knowledge Network (9) Shriram Institute for Industrial Research (10) Codon Biotech Pvt. Ltd. (11) Oasis Test House Ltd. (12) Carleton University, Canada (13) Ecole Centrale de Nantes, France - under process (14) French Atomic Energy Commission (CEA), Paris, France (15) University del Rosario, Bogotá, Colombia, Latin America - under process.
18. BARC, Mumbai extended R&D facilities for M.Tech. Nuclear Science & Technology students to do their research work vide letter dated 4th September, 2010.
19. Plasma Research Institute, Ahmedabad has extended support by providing R&D facilities and training of two faculty members of MITS for the M.Tech. Nuclear Science & Technology programme.

20. IBM has set-up the 'IBM Centre of Excellence' at MITS and adjudged it as one of the top 30 technical institutes in India.
21. Industry Oriented electives and interdisciplinary electives have been started at MITS. "Enterprise Computing" elective has been finalized in collaboration with IBM Global University.
22. MITS projects are being jointly supervised by MITS faculty and IBM experts through IBM Remote Monitoring Programme.
23. Two academicians (Vice Chancellor, MITS and a Professor in CS&E department of MITS) have successfully guided 02 Ph.D. students in the emerging area of Computer Science & Engineering in the year 2010-2011.
24. Learning management system has been developed. Through it one can access the course related contents from the repository comprising of e-books, assignments, lecture notes, slides, etc.
25. Total 56 Ph.D. scholars are enrolled with MITS. Out of it 22 are full-time research scholars and 34 faculty members (29 MITS faculty and 05 other institute faculty members) are pursuing Ph.D. as part time research scholars.

Total 36 faculty members (29 enrolled with MITS and 07 enrolled with other universities) are pursuing Ph.D. as part time research scholars.
26. MITS has started publication of the two in-house journals; (1) Pragya-Journal of Management (ISSN: 0975-9603) (2) Journal of Faculty of Juridical Sciences (ISSN: 0976-5077).
27. A professor from Carleton University, Canada visited the MITS to deliver a series of lectures in distributed computing. Recently a delegation from MITS has visited the Carleton University, Canada to review & strengthen the existing MOU.
28. An Adjunct Professor has been appointed to reinforce the M.Tech. Nuclear Science & Technology programme. Efforts are being made to send M.Tech. Students to France for internship.
29. Recently MITS has got the membership of the "Institute of International Education (IIE), USA". The MITS University's Semester in India Programme (SIP) of Semester Abroad Programme (SAP) has been propagated in collaboration with IIE, USA.

30. Placements of MITS students are increased and companies are also providing internships to them.
31. In case of Infosys, the conversion rate of students receiving offer to the students who appeared in the aptitude test was the highest in India in 2011.
32. The university has got research projects worth Rs. 130.36 lac from the Government agencies and more projects worth Rs. 197.00 lac are in pipeline.
33. MITS is giving stipend of Rs. 8,000 per month to its M.Tech. students. Research scholarship of Rs. 10,000 per month is being given to its Full-time Ph.D. scholars.
34. Recently, MITS delegation has actively participated in the Annual Conference & Expo of NAFSA: Association of International Educators, held during May 29 – June 03, 2011 at Vancouver, British Columbia, Canada.
35. MITS has submitted a proposal to NAFSA, Washington DC, USA alongwith the other two institutions, one each in the USA and South Korea with regard to Session "Higher Education, Women & Learning to Lead: Three Cultural Perspectives" for 2012 NAFSA Annual Conference to be held in Houston. MITS is the only University in India which has taken this initiative to lead the "Internationalization of Higher Education" objective of the Government of India.
36. MITS is the first to introduce the M.Tech. Programme in Nuclear Science & Technology in any exclusively Women University.
37. Through post-graduate/research programme in Biotechnology, the university is attracting grants from the DBT, Government of India.
38. The choice based credit system at MITS gives students an opportunity to select interdisciplinary electives from management, law, foreign languages and humanities.
39. Teacher mentor scheme is being augmented in the university.
40. Student feed-back system is in place and working effectively.
41. Student Counselor system is being established.
42. The number of journal publications has been increased exponentially i.e. from **75 to 375**. The number of conference publications has also been increased exponentially i.e. from **54 to 212**. Thus Total publications increased from **129 to 587**.
43. Also the number of SCOPUS publications has been increased from **21 to 81**.

44. The number of text books authored by the MITS faculty has been increased from 4 to 18. Also number of books published by the MITS faculty by contributing chapters increased from 01 to 31. The number of books by MITS faculty in press i.e. to be published is 04.
45. Patent award has been granted to the Professor of MITS alongwith another faculty vide notification dated 25.07.2010.
46. The NSS unit at MITS has been established and it is working actively. Application for commencement of NCC unit has been submitted to the NCC HQs., Jaipur and they have put MITS at S.No. 1 in the waiting list.
47. MITS has successfully completed and submitted Self-study Report (SSR) to NAAC alongwith fees of Rs. 1.00 lac on 03.07.2010. Now, visit of NAAC Review Committee is awaited.
48. Now, it also has collaborative arrangements with GE Foundation, USA, Carleton University, Canada and GSI, Germany-for collaborative research at student and faculty levels. At present one of our undergraduate students, Ms. Ritika Nath, is undergoing summer internship at GSI, Germany. Four more students of M.Tech, VLSI are doing their final year project work in GSI, Germany.
49. MITS has planned to send some students to Geneva, Switzerland at the site of "The Big-Bang Experiment" by providing financial assistance to them.
50. A Joint Project Proposal by MITS and Plant Protection Institute, Bulgaria has been submitted to DST, New Delhi under the bilateral scheme of Indo-Bulgarian Inter-Governmental Programme of Cooperation in Science and Technology.
51. MITS has deputed its faculty member Dr. Vijay Kumar Gupta at National University of Ireland, Galway, Ireland as Post Doctoral Research Scientist for advance research work in the area of agricultural biotechnology.
52. Study India Programme (SIP) having course title "India Rising" has been designed to promote art & culture of India (with special reference to Rajasthan) among students of foreign origin. For more details, please refer **Annexure-12**.
53. MITS-Faculty of Engineering & Technology (FET) has successfully organized 'Science Academics' Lecture Workshop on "Nano Science & Technology: A Sustainable Future" during August 5-6, 2011. It was sponsored by Indian Academy of Sciences, Bangalore,

Indian National Science Academy, New Delhi and The National Academy of Sciences, Allahabad.

54. MITS-Faculty of Law (FOL) has successfully organized a National Colloquium on "Right to Health with Special Reference to Women's Right to Reproductive Health: Human Rights Perspective" during April 16-17, 2011. It was sponsored by National Human Rights Commission, New Delhi.

55. MITS University is planning to organize an International Conference on "Women in Science & Engineering: Global Perspectives on Challenges and Opportunities" in the beginning of the year 2012.

Thus, a remarkable progress has been made by the MITS in the key parameters like academics, faculty strength, library, laboratory, research, infrastructure, social sensitivity etc.

We assure you that MITS is committed to the excellence with a mission to impart knowledge and develop skills in women to become professionals, well versed in modern technology and management practices while imbibing social sensitivity and environmental consciousness for the betterment of self and society.

An institution like MITS having the potential of providing well-educated & well-trained women-power to the society is anticipating your guidance & support.