



59th Founder's Day of MITS, November 14th 2016: A Report

It is customary for all great institutions to commemorate their founder's day and pay tribute to the great personalities who have been instrumental in bringing the organisation to its present level. Somehow, over the years, this tradition was lost at MITS due to various eventualities. We at MITS endeavour to revive this important tradition once again from this year onwards.

It was on this day 59 years ago, that an institute then called Madhav Engineering College started functioning with just three branches, civil, mechanical and electrical engineering. That was the time when engineering education was in its infancy in the country with very few institutes in place.

His Highness Sir Jiwaji Rao Scindia was a great visionary, and a patron of technology and innovation. It was he who came up with this path breaking idea, of starting a technical educational venture, the first of its kind, in this region. Since then, numerous young engineering aspirants have received instruction in lecture halls and laboratories, sweated through workshops and walked through these corridors, to finally accomplish their ambitions and dreams, and reach eminent positions in our country and abroad.

I feel humbled standing before all the illustrious guests, distinguished alumni and renowned dignitaries here today to present a brief report on a 59 year old institute that is MITS. At the same time, I am elated at getting this opportunity of giving you all a glimpse of our history.

It is not an easy task to give an account of 59 years in a few short minutes; I have made a modest attempt to record and recount the major milestones in the institute's history.

- 1. The foundation stone of the building was laid by Dr. Rajendra Prasad, the then President of India in 1956**
- 2. The Madhav Engineering College, Gwalior started functioning with B.E Civil, Mechanical & Electrical in 1957 with an intake of 40 each; Later in 1960 the intake was increased**
- 3. This building was Inaugurated by Dr .S. Radhakrishnan, President of India in 1964**
- 4. Subsequently, the PG and Ph. D courses were introduced in 1965 and two Boys hostels were constructed in 1966**
- 5. In 1974 the Madhav Engineering College was renamed as Madhav Institute of Technology & Science**

6. In 1978 additional Boys hostels were constructed
7. In 1981 a new programme in B.E Electronics Engineering was started, in 1982 M. Sc in Applied Physics, Chemistry & Maths, in 1984 the Bachelor of Architecture programme was introduced. In 1986 both Master of Computer Applications (MCA) programme & M.E in Construction Tech. & Management (CTM) were introduced .
8. In 1987 the implementation of approval of the programmes by ACITE, New Delhi began.
9. The Entrepreneurship Development Cell (EDC) of the institute was inaugurated in 1988. The new building for Electronics Department and a new girls hostel was also inaugurated the same year.
10. The institute organized 5th State level Technical Exhibition in 1989 and a new learning resource centre was also added this year.
11. In 1990 a New Boys Hostel was constructed and two years later in 1992 the new EDC building became functional. A new state-of-the-art High Voltage laboratory was built in 1994.
12. The Bachelors programmes in Computer Science & Engineering and Chemical Engg were started in 1995, and 1996 respectively.
13. Masters programmes in ME Communication, Control and Networking (CCN) and Industrial Systems and Drives (ISD) were started in 1995.
14. A new conference hall was inaugurated in 1997 and additional class rooms were constructed in 1998.
15. The institute Guest House started functioning from 1999 and the same year the new building for architecture department was started.
16. The Bachelors programme in Information & Technology was started in year 2000.
17. In 2001, a great visionary and legendary administrator Shrimant Madhavrao Scindia took over as Chairman of the Institute. The same year the institute coordinated, on behalf of Govt of MP, the ICTE, 2001, at Bhopal and a new UG programme in Biotechnology was also started.
18. The Institution got Academic Autonomy under RGPV in July 2002 and the same year PG programmes in Microwave Engineering & Production Engineering were started.
19. Year 2003 saw the Accreditation of BE Civil, Mechanical , Electrical Electronics & MCA. by NBA, New Delhi. Establishment of a state-of-

the-art Central Computer Centre and extension of the institute Guest House also happened the same year.

20. In year 2004 the Masters Course in Urban Management and M.Tech in Biotechnology was started. The same year intake in Bachelors of Architecture Programme was raised from 20 to 40. The institute hosted the National Convention for students of architecture (NASA.) where students from all over the country and neighbouring Asian countries participated.
21. In 2005 the construction of Canteen and Students activity Centre took place.
22. The year 2006 saw the extension of building infrastructure for Architecture, Electronics, CSE & Biotechnology
23. In 2007, “Madhav Wan” was established in campus to dedicate land for environmental cause. Establishment of CTI, a DFID, UK & Govt of MP project was also implemented for Celebrating 50 years of excellence in Technical Education.
24. In 2008 the institute celebrated its golden jubilee and a postal stamp of Rs. 5 on MITS was released by the then president of India, Dr. Pratibha devi singh Patil. The foundation stone was laid for the Autonomy Cell, sports complex and extension of class rooms and labs was carried out.
25. MITS is one of the select 190 technical institutions of the country, which have been picked up to participate in TEQIP phase-II of the Government of India.
26. The pace of growth has been even faster after the institute received Rs. 10 core under the TEQIP-II project.
27. A 33kV substation has been installed in the institute, class room infra structure has been modified with latest audio-visual facilities and student intake has been almost doubled over the last 3-4 years.
28. Addition of new faculty & staff meeting rooms, new conference room with modern amenities and addition of 8 storied 300 seated Girls Hostel with ultra modern facilities in the Institute, and addition of student activity center (SAC) with a sitting capacity of 400 are the latest developments.
29. New graduate programmes in Electronics and Telecommunications & Automobile Engineering with an intake of 60 each were started two years ago.

- 30. The rebuilding of Central Computer Center and construction of a sophisticated Board room is almost complete and work on new 06 storied boys' hostel with modern amenities is in progress.**
- 31. Addition of SKF laboratories in Mechanical Engineering Department was also a successful industry institute partnership venture.**
- 32. Recently there was an addition of a new counselling Hall with a sitting capacity of 150.**

It is obvious that in keeping with changing technological and social trends, the institute has maintained a phenomenal record of growth. The institute has a lush green campus of around 45 acres. It offers 11 undergraduate programmes, 18 PG programmes and also has a minor QIP centre for Ph.D. With more than 5000 students on roll, MITS is committed to producing world class engineers for our society. The alumni of the institute have adorned prestigious positions in India and abroad.

There are around 150 faculty members, 50 technical supporting staff and about 45 ministerial staff. Research conducted by faculty in artificial intelligence, soft computing, nature inspired computation, biomedical engineering, cyber security, microwave engineering, renewable energy, structural engineering, environmental engineering, earthquake engineering etc has been well received globally. More than 500 research papers have been published in peer reviewed journals with a phenomenal number of citations. Senior faculty members serve as reviewers for IEEE, IET and other prestigious international journals. Some of them are senior members and fellows of many of these professional societies and have received prestigious awards and fellowships from various organizations and government bodies. During the last three years, the institute has received financial grants of more than 500 million Rupees.

Most of the UG programmes are twice accredited by the National Board of Accreditation, India. In addition to academics, the graduates are encouraged to acquire and improve their soft skills and commitment for the society. MITS has a vibrant campus where various extracurricular activities such as sports, technical quizzes and design competition, conferences, workshops and seminars, professional society activities, social work etc. are organized very frequently. More than 100 such activities have been organized during the last two years by the enthusiastic faculty and

student volunteers. Many student chapters like Indian Society for technical education (ISTE), Computer Society of India(CSI), IBM Centre of Excellence, The Association for Computing Machinery (ACM), The Institution of Electronics and Telecommunication Engineers (IETE), Institution of Electrical and Electronics Engineers (IEEE) student chapter and the most recently started Institution of Engineering Technology (IET) student chapter, are active in the institute. The ISTE Student Chapter of MITS received the Best Student Chapter award of M.P &C.G region in 2014.

The students of various disciplines have secured top ranks in prestigious competitive examinations like GATE, Engineering services, state PSCs, public sector examinations. During the last few years the number of students getting selected in the GATE examination has grown many folds.

The training and placement cell has built an active Alumni connect program for the benefits of students in internships/projects, placements and other related activities of the Institute. The campus placement since 2011 has been continuously growing and has become almost four times, with regard to number of companies visited, number of students placed and highest package offered.

The institute has signed 08 MOU's with Industries and academics Institutes including IIT Gandhinagar to facilitate interaction and training of faculty and staff. Lectures from eminent experts from various industries, IITs, NITs and other leading institutes are conducted very frequently.

It is not possible to sum up all the activities and achievements of the institute for such a long span. But I will like to take this opportunity to reiterate that

The institute is committed to impart state-of- the-art technical knowledge to students as well as to imbibe them with ethical principles and practices in order to make them socially responsible technocrats capable of contributing hugely to the national growth.

With collective efforts of all faculty, staff, students and other stakeholders, I am confident that MITS will achieve new heights in coming years under the patronage and guidance of our charismatic chairman and BOG

members, and will live up to the vision of our founder, “The Great Jiwaji Maharaj”