

# Madhav Institute of Technology & Science, Gwalior

## NEWSLETTER



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### CELEBRATION OF 71<sup>ST</sup> INDEPENDENCE DAY AT MITS



### Director's Message (Excerpts from Independence Day Speech)



Today, our mother nation is celebrating her 71st Independence Day. On this momentous day, while we all proudly assemble before our glorious national flag, I salute the supreme sacrifice of millions of nameless patriots who have enabled us to witness this moment. I salute the great visionary leaders and architects of Indian independence. I salute the spirit of freedom and sovereignty which surpasses all other notions, feelings and ideas.

Independence. What is independence? Independence is freedom from being governed by others. And what is freedom? Freedom is the power or right to act, speak or think according to our own wishes. Freedom is a beautiful concept; it opens new vistas of creativity, innovation and excellence for those who are worthy of it. But freedom can be enjoyed only if the

associated expectations and liabilities are fulfilled. Freedom has to be closely followed by "accountability & responsibility". Rights and duties must go hand in hand.

Technical education is passing through a very critical stage; gone are the days when we all took things for granted. The private universities and foreign universities which are mushrooming in the country may prove to be a threat to our very existence. Now we all have to work very hard to sustain and maintain the grand legacy passed to us by our predecessors, seniors and alumni who contributed in building the 60-year old brand that is MITS. Now is the time to act, or else there may not be any chance of redemption. I am confident that if we all join hands and work as a team, we can take on this formidable challenge, and keep the MITS flag soaring high in this fast changing and globally competitive environment.

My dear students, you are very fortunate to have been born in an era of IT revolution which aids the "any time any where format of e-Learning". You can now take advantage of a multitude on-line platform to improve your technical skills and employability. I would like to take this occasion to talk about the Indian version of online learning, launched on an indigenous platform of learning called SWAYAM, which is aimed at widening the access to higher education and to bring down its cost by using technological advances. SWAYAM is an acronym which stands for "Study Web of Active learning by Young and Aspiring Minds". The idea is to develop a unique content delivery mechanism which is responsive to learners' needs and which ensures seamless transfer of knowledge across geographical boundaries.

With the launching of the SWAYAM platform, Government regulations now permit us to blend on-line learning with regular class room learning. According to the "AICTE-Credit Frame work for online learning courses through SWAYAM Regulation 2016" a student can pursue 20% of the total courses being offered in a Semester, on-line through MOOC that is Massive Open Online Course, using the SWAYAM platform. This system gives students as well as the teachers, an academic freedom to learn and teach "in their own time at their own pace". While enjoying this freedom, let's all pledge together to be responsible individuals, fully committed to the welfare and wellbeing of the institution and the society around us. Finally, With Freedom in our Minds, Faith in our words, Pride in our Souls..... Let us salute the Nation. **Jai Hind, Jai Bharat**

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## ORIENTATION PROGRAMME

Orientation programme for newly admitted students of B.E., B.Arch., M.E., M.Tech, MCA & MUP was conducted during 10-14 August 2017. The Director, Deans, HoDs, Chief wardens, NSS faculty in-charge, Training and Placement Officer, Library in-charge, Sport officer, Project Leader EDC, I/c cultural activity faculty in-charge addressed students. The students and their guardians were introduced and provided guidelines for active involvement in various academic and extra-curricular activities. Interaction of senior students with newly admitted students was made.

English proficiency test was also conducted for all students to check the command of students on the language and to form the basis for conducting special classes for weak students. Ms. Suman Yadav, student counsellor was invited for motivational lecture and orientation program was concluded with education tour.



## FACULTY OUTREACH TRAINING PROGRAMME/ FDP ATTENDED

- **Prof Vedansh Chaturvedi** attended one week workshop on Powder Metallurgy & Advanced Composite at IIT, Hyderabad during July, 11-16, 2017.
- **Prof. Jamvant Kumre** attended faculty Enablement Program “Foundation Program 4.1” from 18 to 22, September 2017 at SKIT Jaipur
- **Prof Himmat Singh Ahirwar** attended International Conference on Power, Control, Signals and Instrumentation Engineering, Thandalam, Chennai, Tamilnadu during 21-22 September 2017.
- **Dr. R. Kansal, Dr Vijay Bhuria, Dr. Sanjeev Khanna and Prof Vedansh Chaturvedi** attended workshop on “Faculty Mentor on Induction of New Students” at SGSITS Indore from 22-24 September 2017 under TEQIP-III.
- **Prof Praveen Bansal** attended two days workshop at CRISP/ MPCST Bhopal during 23-24 September 2017.
- **Prof Amit Aherwar** attended two days IIEFA Conference jointly organized by MPCST, Vigyan Bharti, CIAE, CSIR, LUB (M.P.), MSME, Govt. of M.P., CRISP, CIPET, RGPV, AICTE & AISECT at CRISP, Bhopal, during September, 23-24, 2017.



## EXPERT TALK

- **Dr. S.K Jain**, Professor, Department of Civil Engg. delivered keynote lecture on “Earthquake resistant design of structures through base isolation” in National Conference on Emerging Trends and Advances in Civil Engineering at Amity University Gwalior on 31 August 2017.
- An Expert lecture was conducted on “Challenges in Bioinformatics and its applications in Industry” on September, 14, 2017 by the Bio-Tech. Department. The lecture was delivered by **Dr Anuraj Nayarisseri**, Director and Principal Scientist at Eminent Biosciences, Indore under TEQIP III.

## ACTIVITIES ORGANIZED

- A short Term Course was organized on ‘Introduction to Aerospace Propulsion’ during 16 to 19 August, 2017. This course was organized under ‘AICTE-INAE Distinguished Visiting Professorship scheme’ and Ex. Dy. Director, LPSC/ISRO, Er **Nawal Kishore Gupta**, delivered lecture during the course. The whole course ‘**Aerospace Propulsion**’ is planned in three parts; this was the first and introductory part. The session was very interacting and fruitful. **Dr C S Malvi**, Associate Professor, Mechanical Engineering Department is the coordinator of this program.



- Two day Workshop on “Advanced Robotics” under **IETE** was organized for all UG students during 9-10 September, 2017. In this workshop, participants learned about Path Follower Robot, Edge Avoider Robot and Wall Follower Robot with a demonstration of temperature and pressure sensor. A small competition was also organized at the end of the workshop to judge the practical knowledge gained by the participants.

## STUDENT ACHIEVEMENTS & ACTIVITIES

- **Tarun Jain** students of ME, C.T.M. presented research paper on "Light weight Bricks & Blocks using Waste EPS Beads" in National Conference on “Emerging Trends and Advances in Civil Engineering” held at Amity University, Gwalior on 31<sup>st</sup> August 2017. He won first prize for best paper presentation.



- **Anju Tomar** student of 2015 Batch successfully cleared MPPSC and is posted presently as Nayab Tehsildaar.
- **Nitya Dubey**, second year student, along with **RJ Muskan**, from Radio station 91.9 FM performed as Radio Jockeys in the campus on 23 September 2017.



- MITS ACM chapter organized 3D gaming event during 23-24 Sep 2017.
- Intercollegiate literary festival ‘MITSVAH’ was organized on 23rd & 24th September 2017, where 20 literature related competitions were organized such as ‘Parliamentary debate’, ‘Poetry slam’, ‘Model United Nations’, ‘Terrible tiny tales’, ‘Mysterium’, ‘Twist of fate’, ‘Spell bee’, ‘stand up comedy’, ‘News makers’, ‘Word hunt’, ‘Sherloked (Mystery solving), ‘Quidditch (game), ‘Wall art etc.
- Team MITS Bravo participated in National Kart Racing Championship (NKRC 2017) held in RPM racing track, Bhopal, from **29<sup>th</sup> Sept to 3<sup>rd</sup> Oct.** The team secured 16<sup>th</sup> position in the endurance round of the championship.



## INDUSTRY VISIT

B.E. Final year and M.Tech I<sup>st</sup> Year students of deptt. of Civil Engg. were taken to Educational Trips at following locations on 2<sup>nd</sup> September 2017.

- Sewage treatment plant-Morar
- Water treatment plant-Moti-Jheel and Tighra Dam



## Music Club

Melodious activity “Auditions” was held by the Music Club of the Institute on 17 September 2017. This event was organized under the supervision of **Dr. Shourabh Bhattacharya**, Music Club Faculty Coordinator. In this event, around thirty candidates were selected out of seventy five participants who had exhibited their musical talent in the form terms of vocal or, instrumental activities. The selected candidates owing to their interest have also been included as performers in the core music team and are expected to perform in due course of time at various functions.

## IET

The IET REGIONAL FEST was organized on 23 September 2017 approx 250 students



participated in various events such as volleyball, Quiz, Talent Hunt, Poster Designing, Photography, Snake & Ladder, Trampoline, Dub smash and Dumb charades. Winners of all competitions were awarded with certificates and trophies. Faculty coordinator of this fest were Dr. Vijay Bhuria & Prof. Vishal Chaudhary.



## NATIONAL SERVICE SCHEME

- Water Distribution Programme at Railway Station:** National Service Scheme, Jiwaji University, Gwalior organised a water distribution programme at railway station on 17 June, 2017. Twenty five students/ volunteers of NSS unit MITS along with Programme Officer Dr. Manish Sagar participated in this event and contributed for noble cause.



- Rally & Oath on Swachchhata Pakhawada:** National Service Scheme, Jiwaji University, Gwalior organised a rally during “Swachchhata Pakhawada” on **04 August, 2017** (Friday) from Maharani Laxmi Bai Samadhi to Jiwaji University. Twenty students/ volunteers of NSS unit MITS along with Programme Officer activity participated in this event and spread the message of hygiene by conducting Rally.



- New India Pledge:** On occasion of 75<sup>th</sup> anniversary of Quit India Movement i.e. **09/08/2017**, NSS unit of the institute organized a programme of New India Pledge. All the students, staff and faculty member of the institute took oath to maintain place.



- Swachchha Bharat Abhiyan Oath and International Youth Day:** NSS unit organized oath event on swachchhaya Bharat Abhiyaan and open discussion with student on International Youth Day (**12/08/2017**) on “Role of Youth to Build our Institute, Society and the Nation as Per Our Goals and Dreams”. Two hundred twenty four students participated in this event.



- Literacy cum Awareness Programme:** The N.S.S. unit is continuously running literacy cum awareness programme for the underprivileged children in the institute premises since year 2011. During the academic year 2017-18, Forty Five NSS volunteers started to teach the underprivileged children from **16/08/2017** on regular basis (Monday to Friday) at 4:30 P.M. to 6:30 P.M.



- Sadbhavana Divas Oath:** NSS unit organized oath event on Sadbhavana Divas (18/08/2017). One hundred twelve students and 15 faculty and staff member participated in this event.



- Plantation programme:** NSS unit organized a plantation programme (15/09/2017) in the institute campus. The volunteers of MITS NSS unit, planted the 50 saplings in the institute campus.



- Traffic Awareness Programme:** NSS unit organized seminar on “Traffic Awareness” Programme on 17/09/2017.



- One Day Camp:** One Day Camp was organized by NSS unit at “शासकीय दृष्टि एवं श्रवण बाधितार्थ उच्चतर माध्यमिक विद्यालय, मुरार, ग्वालियर” on 23/09/2017.



- NSS Day Celebration:** On the occasion of NSS Day, cultural programme (Dance, Poetry, Music and Nukad Natak) was organized on 24/09/2017.





- **Blood Donation Camp:** NSS unit and Red Ribbon Club, MITS, organized the blood donation camp on occasion of the Punya-Tithi of Late His Highness Shrimant Madhav Rao Scindia (30<sup>th</sup> September 2017, Saturday).



- Six Weeks Technology Based Entrepreneurship Development Programme on **Computer Assembling and Networking Technology** for Science and Technology Persons Gwalior was conducted from 25.08.2017 to 06.10.2017 at E.D. Cell, MITS Gwalior. This programme was sponsored by Department of Science and Technology, Government of India, New Delhi.



## EDC

- Six week Entrepreneurship Development Programme (EDP) was conducted by ED Cell, MITS Gwalior from 28 July- 07 September, 2017 to motivate young engineers for setting up industrial unit, preparation of project reports, documentation preparation for financial assistance from commercial banks and other formalities in various departments etc. This programme was useful to implement innovative ideas in setting up industrial units.



- Entrepreneurship Awareness Camp (EAC) for Final Year Student of Engineering/ Science and Polytechnic Colleges was conducted during 28.8.2017 to 30.8.2017. This programme was sponsored by Department of Science and Technology, Government of India, New Delhi. The target of this programmes was to create awareness about entrepreneurship among the student of Science & Technology Institute so that they can set their own enterprises.



## SPORTS NEWS

- Chess tournament held on 26<sup>th</sup> August 2017 in the institute. Johrey Mandal, Vikas Kushawaha, Vishal Devraj, Rahul Jaratya, Kamlesh Mardathe were winners of chess competition.
- MITS was winner of inter college volleyball tournament held on 25 to 26 September, 2017 held at VITM, Gwalior.



- MITS won inter college (Men's & Women's) Basketball tournament held on 25/09/17 to 26/09/2017, at MITS Gwalior.



## H. H. MADHAVRAO SCINDIA JI, PUNYATITHI

On the occasion of Death anniversary of H. H. MADHAVRAO SCINDIA, former Chairman, SECS, Gwalior 'Punya Sansmarans', 'Bhajans' and Blood donation camp' was organized on 30<sup>th</sup> September 2017 in the Institute. Devotional songs/bhajans were recited by professional classical singers.







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## TEAM NEWSLETTER

Dean Students Welfare – Dr. Rajeev Kansal

Chairman - Prof. Kuldeep Kumar Swarnkar

Members- Dr. Alok Sharma, Dr. Sanjeev Khanna,

Dr. Sulochana Wadhvani,

Dr. M.K. Gaur, Dr. Sunita Sharma

Dr. Anshu Chaturvedi, Prof. Jaimala Jha,

Prof. Laxmi Shrivastava,

Dr. Shourabh Bhattacharya

Composed by Mr. Devendra Singh