

# மாத-பொது

A Quarterly from IIITD&M  
Kancheepuram

இந்திய தகவல் தொழில் நுட்பம், வடிவமைத்தல் மற்றும் உற்பத்தி நிறுவனம்  
भारतीय सूचना प्रौद्योगिकी अभिकल्पना एवं विनिर्माण संस्थान  
INDIAN INSTITUTE OF INFORMATION TECHNOLOGY  
DESIGN AND MANUFACTURING



## GUEST LECTURES

A lecture on Product Design & Development was delivered by Shri Balasubramanian Sridhar, M/s. Ford – Australia on 6 January 2014. The lecture was well attended and participants benefited. given the design

Balasubramanian Sridhar, M/s. Ford – Australia on 6 January 2014. The lecture was well attended and participants benefited, given the design and manufacturing focus of academic and research activities at the institute. An interactive lecture session was conducted by experts from TIME institute on 18 January 2014, and focused on preparation for competitive exams such as CAT, GATE, MAT and campus recruitment. The lecture was well received. Prof. V. Sampath from Metallurgical and Materials Engineering department of IIT Madras and the school our students



on Wireless Systems Design and Engineering led by Dr. Ravikishore B and his team from M/s. Chennai and the lecture provided good hands-on experience for students from Computer and Electronics stream, as a part of their curricula focus. Mr Chira Patel of M/s. Math Works conducted a lecture on Gaining Practical Design Experience using MATLAB and Simulink on 27 March 2014. Simulation and CAD curricula use MATLAB and Simulink and the session was well received and beneficial to our students.



An industrial lecture on Challenges was delivered by HCL Technologies Ltd. on 18 January 2014. The session provided knowledge to students supplementing the curriculum. The session was well received. Experience using MATLAB courses in the IB Tech and the session was extremely

personality development, organized by Dr Naveen on March 01, 2014 for the weaker section students. Many students participated and benefited from the program. The aim of the program was to facilitate the participants to imbibe and inculcate the

traits, confidence, self-esteem, and leadership skills. The students also learned the importance of teamwork and communication skills.



## Industrial Visit Sports Activities

One day Workshop on Leadership Skills was conducted by Dr. Naveen Kumar, was conducted on 18 January 2014. Many students participated in the workshop. The aim of the workshop was to facilitate the participants to imbibe and inculcate the necessary skills and traits needed for grooming themselves as successful and confident persons. The soft skills learned during the workshop would enhance their chances of securing job/ employment after the time of campus placement and job interviews.

## INDUSTRIAL VISITS



Third Year B.Tech MDM students visited M/s. Danfoss Industries Pvt. Ltd., Sholinganallur (manufacturer of air conditioning related equipments) on 21 Feb. 2014. Final year B.Tech (COE/EDM/MDM) students visited M/s. Madras Fertilizers Limited, Manali, Chennai-600 068 on 3 March 2014. Industrial Visit by II and III year B.Tech (EDM) students to M/s. Dell India Pvt. Ltd., Sriperumbudur on 28 Feb 2014.

## SPORTS ACTIVITIES

TWARAN is an annual sports meet conducted by IIITM Gwalior and attracts participation from IIITs, NITs and other engineering institutes in the country. The institute takes part regularly in it and the sports contingent of our institute managed the best performance till date, securing an overall third position in the medals tally with an overhaul of 3 gold, 8 silver and 3 bronze medals. Shashak Ukadely, our M.Des (Mechanical) student was adjudged the best athlete of the meet and, he had also secured gold & silver medals in the Marathon and 100 mts events respectively. Athletics wing of the contingent struck all three golds for the institute, securing in events of 200 Mts. (Boys – Ramesh S – I Year B.Tech MDM), 100 Mts. (Girls – Divya Sri Mahanti – I Year B.Tech MDM) and Marathon (Boys – Shashak Ukadely, M.Des Mechanical).



IIITM – Gwalior	1320
SPA Delhi	1160
IIITDM – Kanchipuram	960
IIIT Delhi	570
BIET Jhansi	320
SSN Chennai	300
IIIT – Allahabad	170

## SCIENCE DIRECT USER SESSION BY EXPERT FROM M/S. ELSEVIER INDIA

Institute library has organized an user orientation program on Elsevier Science Direct (Online journal database) on February 05, 2014 in the seminar hall. Mr. Vishav Sharma, Customer Development Manager Elsevier - Science & Technology briefed the students and faculty members about the database during the interaction session and discussed inside tips on



searching strategy and advantages of the latest value – added features. The session also covered features such as how to save search history and retrieve, refinement of search and other advanced options supported by Elsevier portal. The session proved extremely useful for students, staff and faculty members of the institute.

## ACADEMIC CUM RESEARCH ACTIVITIES

- ❖ Best Poster Award was received by Shri S.Verma, B.Tech (MDM) for presentation on "A New Method to Improve Service Life of Polymers based Gears" by S.Verma, J.Mertens and S.Senthilvelan, APA International Conference on Polymers: Vision and Innovation which was organized by IIT Delhi under the aegis of Asian Polymers Association (APA), NewDelhi, Feb. 19-21, 2014,
- ❖ Naveen Kumar, K. Ramachandran, Venkataraman Sahoo, "Fabrication of Long Tapered Fiber and Micro Mach-Zehnder Interferometer for Sensing Applications", International Conference on Optics and Optoelectronics (ICOL 2014), IRDE Dehradun, PP-ODT-06, March 5-8, 2014.
- ❖ Naveen Kumar, K. Ramachandran, Venkataraman Sahoo, V. Raj koti, "Fabrication of Long Tapered Fiber and Micro Mach-Zehnder Interferometer for Sensing Applications", ICOL 2014, IRDE Dehradun PP-MNT-10, March 5-8, 2014
- ❖ Naveen Kumar, K. Ramachandran, "Interrogation of a Mach-Zehnder interferometer inside the fiber loop mirror for gain equalization of an EDFA", ICOL 2014, IRDE Dehradun, PP-FIO-18, March 5-8, 2014.
- ❖ Sreekumar M. delivered lecture on "Introduction to Feedback & Control, Intelligent Devices and Biomimetics and Applications of Various Smart Materials in Biomimetics, Prosthetics, and Orthotics" at the 2 Day Continuing Education Programme on Smart Materials in Prosthetics & Orthotics Applications during March 7 - 8, 2014 organized by Ishwar Institute of Prosthetics & Orthotics, Chennai.
- ❖ Sadagopan N. delivered an invited talk on Introduction to Asymptotic Analysis, at Rajalakshmi Engg. College, Chennai, Feb. 8, 2014.
- ❖ Sadagopan N. delivered lecture on Introduction to Complexity Classes at Govt College of Engg, Trivandran as part of Workshop on Algorithm Design and Analysis, Feb. 22, 2014.
- ❖ Sadagopan N. delivered an invited talk on Beyond Deterministic Computations-Towards Non-determinism" as part of National Conference on Advanced Computing, VIT Chennai, Feb. 21, 2014.
- ❖ Sadagopan N. delivered a talk on Asymptotic Analysis and Recurrence Relations", at KCG college of technology, Chennai. March 1, 2014.
- ❖ Sadagopan N. delivered Guest Lecture on Introduction to Complexity Theory" at Govt College of Engg, Kottayum, March 17, 2014.
- ❖ Priyanka Kokil delivered special lecture as Chief Guest on "Stability analysis of Digital Filters" during International Conference on Research Vogues in Inventive Engineering, Satyam College of Engineering, Nagercoil on Feb. 26, 2014.
- ❖ Priyanka Kokil delivered a Key note speech on "Finite wordlength effects in digital filters" International conference on advancements in electrical, electronics and computing technologies (ICAECT 2014) organized by Cape Institute of Technology, Kanyakumari on March 28, 2014.



The SSG cell of the institute regularly conducts awareness programmes, cleansing drives, blood donation camps and training sessions for the benefit of neighbouring school students. For the period under report, the SSG conducted classes for the nearby Government school students on basic sciences and mathematics. The programme which is conducted on an annual basis under the Teaching wing of SSG is a huge hit among the local community and attracts large number of boys and girls students from nearby schools. The activity also serves as an excellent platform for our student volunteers to get into the mould of shaping future generation of the society.

### PULSE POLIO CAMPAIGN



The State Government organised a pulse polio campaign on 19 Jan. 2014. The students of SSG at IIITD&M Kancheepuram actively participated in the campaign which was arranged by local medical officers. Around 30 SSG students in batches assisted nurses at various polio sites such as the upcoming Police Quarters, Kandigai Government School, Anganwadi and other nearby areas. The group has helped hundreds of babies to get immunised through this polio drive. The SSG students also participated in the campaign on 23 Feb. 2014.



### Republic Day Celebrations



### Address for Communication

#### IIITD&M KANCHEEPURAM

Off Vandalur-Kelambakkam Road,  
Melakottaiyur Village  
Chennai -600127

Phone: +91-44-2747 6300

Fax : +91-44-2747 6301

E-mail : margdarshan@iiitdm.ac.in

Web : www.iiitdm.ac.in

### EDITORIAL TEAM

DR. M. SREEKUMAR  
DR. B. SIVASELVAN