



Margdarshan

A quarterly newsletter of the Indian Institute of Information Technology, Design and Manufacturing Kancheepuram, An institute of national importance fully funded by MHRD, Govt. of India

Volume 5, issue 3

1st October 2015

Special points of interest:

- Third Convocation
- Sports complex inauguration
- IIIT Kurnool

Inside this issue:

International yoga day	2
Independence day	2
Teachers' day	3
Twaran	4
New Members of Faculty	5

Third Convocation

Third convocation of IIITDM Kancheepuram was held on July 25th, 2015. Sri. Lakshmi Narayanan, Vice Chairman, Cognizant, was the chief guest for the occasion. He was accompanied by Prof. M.S. Ananth, the Chairman, BoG, Members of the Board of Governors, Director, Members of the Senate, Faculty and Staff. 73 students received their Bachelors Degree, 49 their Masters and the first PhD Degree of the Institute was also awarded in this Convocation. Students with outstanding achievements in curricular as well as co-curricular activities were crowned with various Awards.

Institute Merit Prize for highest CGPA across all streams

Aditya Narayanan
(EDM)
B. Tech



Ajai Babu A.
(MDS)
M. Des



Best Outgoing Student across all streams

S. Aurobindo Malleswar
(EDM)



Best Project Awards

Krishna Chaurasia
B.Tech - COE



Mahesh Verma
B.Tech - EDM



Sagar Dolas
B.Tech MDM



Rusan Kumar B.
M.Des - CDS



Dinesh Kumar S
M.Des - EDS



Raj Rauji Desai
M.Des - MDS



Inauguration of New Sports Complex, Arjuna

Arjuna, the indoor sports complex was inaugurated on 23rd April, 2015 by Prof. M.S. Ananth, Chairman, BoG. The Sports Complex houses Shuttle badminton, basket ball, volley ball and table tennis courts and a well equipped gym. Prof. Ananth urged the students the importance of improving their physical and mental health by engaging themselves in physical activity.



International Yoga Day Celebrations



Yoga day, celebrated on the 21st of June every year was declared to be internationally recognized by the UNGA. At IIITDM, a training camp under the guidance of an expert from Tamil Nadu Physical Education and Sports University was conducted for the benefit of the institute fraternity and neighbouring school students. Around 230 students from various nearby schools participated. To spread awareness among the children on yoga various competitions on drawing, elocution and essay writing were held. On the international yoga day, there was a brief session where a video by the ministry of Ayush was played followed by a lecture delivered by Dr. Dwarak and his team from Mitran foundation. Finally prizes were distributed among the winners of various competitions.



Independence Day Celebrations

"Save Girl Child"- This was the theme of Independence Day-2015 at IIITDM. This time Independence day had a unique aura of celebrations. Parade inspection took place and students show cast their patriotism through various cultural programs and inspiring speeches. The Director's words gave a burst of enthusiasm to students and staff members of the Institute. Designers' Club demonstrated the drone flying high with our national flag.

IIITDM's annual friendly cricket match between faculty and students that's played every year on Independence day went on this year too. Both students and faculty made a tough match to their opponents. Audience's cheers made the atmosphere sportive and enthusiastic.



IIIT Kurnool

IIIT Kurnool made a kick-start with two branches namely CSE and ECE. IIITDM Kancheepuram is entrusted with responsibility of mentoring this budding Institute by the M.H.R.D. Govt. of India. The fresh academic session was started in July 2015 as per JoSAA guidelines and 44 students were admitted in this new Institute.

Teachers' Day Celebrations

The Teachers' Day was celebrated with an air of enthusiasm. Prof. Devdas Menon, Civil Engineering, IIT Madras, was invited to address the gathering. Prof. Menon conducted an interactive session enlightening about the 'The Fulfilment in Life'. The session was highly enriching. Faculty and students took equal part in the talk. It was followed by prize distribution for the sports events conducted for the students on the National Sports Day (August 29). As a part of the Teachers' Day celebrations, sports events were conducted in the preceding week for the faculty of the institute.



Events like Carrom - Singles (Men & Women), Carrom Doubles (Men), Table Tennis - Singles (Men & Women), Table Tennis Doubles (Men), and Tennis Singles (Men) were arranged. And they proved to be a pleasant change and enjoyable experience in their otherwise daily busy schedule. The prizes were distributed on the occasion of the Teachers' Day, by the chief guest Prof. Menon and Prof. Gnanamoorthy. These sports events for the Institute faculty and staff have been conducted for the second year running and will surely make it to all the coming years.



Clips of Infrastructure in the Institute



Clips of Infrastructure in the Institute



SPORTS COMPLEX



ASWATHA HOSTEL



ASHOKA HOSTEL



SPORTS COMPLEX

ADMINISTRATIVE BLOCK &
SENATE HALL

ACADEMIC BLOCK

Twaran - 2K15

TWARAN - 2K15 was a sports event conducted at IIIT Gwalior. Students from various IIITs participated in the event. It was stretched over four days, starting from 23rd January 2015 to 26th January 2015. Students guided by the Institute PTI Mr. P. Alaguraj participated in various sports events including athletics, basket ball, table tennis, football, tennis, volley ball, shuttle badminton and cricket. Our Institute secured overall second position in medal tally with 1050 points. The medals include 5 Gold, 6 Silver and 2 Bronze. Mr. A. Vineel Chandra of fourth year was awarded the best player in cricket.



Cricket, Table Tennis (Girls), Athletics: (200m, 1600m, Marathon) and Women (200m)



Tennis, Athletics: Men(100m, 400m) and Women(100m, 200m, 400m)



Athletics: Men(800m) and Women(800m)

New Members of Faculty in the Institute

Prof. S. Narayanan, Professor Emeritus, has his M.Tech and Ph.D. both in Aeronautical Engineering from IIT Kanpur. He was with IIT Madras from 1975 until 2015. He has unique distinction of working as a professor in the Departments of Aerospace Engineering, Applied Mechanics and Mechanical Engineering at IIT Madras. He was also Dean (Academic Research) at IIT Madras. He has published about 115 peer-reviewed international journal articles 150 conference proceedings with a total of about 1000 citations. His research interests include



- Vibrations and Acoustics
- Chaos and Nonlinear Dynamical Systems,
- Smart Structures,
- Noise Control and Vehicle Dynamics.

Dr. Sudhir Varadarajan has his Ph.D from IIT Madras. With his 20+ years of experience in the Indian IT industry in R&D, he is an excellent addition to the faculty community especially for the Design oriented courses. He works on Design & Management of Complex Socio-Technical Systems specifically:



- Complex responsive processes in design and innovation
- Managing the fuzzy front-end of product innovation
- Methodologies and tools for conceptual design

Dr. Nargis Pervin

completed her M Tech in Computer Science from Indian Statistical Institute, ISI, Kolkata and Ph.D from National University of Singapore. She has worked with National Institute of Informatics, Tokyo, Japan and Metalogic Systems, Kolkata. Her areas of expertise includes:



- Social Network Mining
- Big Data Analysis
- Econometric Modeling

Dr. Shunmugham R. Pandian has his M.Tech from IIT Kanpur and Ph.D from IIT Delhi. Prior to joining the Institute he was in academics with various Universities abroad; University of Michigan, Tulane University, New Orleans, and Southeastern Louisiana University, LA. He has got a US patent in Pneumatic human power conversion system. His areas of research includes:



- Autonomous underwater robots and design
- Electromechanical systems
- Intelligent control
- Manufacturing systems
- Renewable energy systems

Dr C Chandrasekaran has his PhD from IIT Madras. Prior to joining the Institute, he was with CVRDE, Avadi as Scientist` G'.His areas of expertise includes:



- Manufacturing Technologies
- Metrology and Inspection
- Project Management

Dr. Vijayarangan Natarajan has his Ph.D from Ramanujan Institute For Advanced Study in Mathematics. He has got 20+ years of research experience in Applied and Industrial Mathematics. Institute is happy to share his expertise with TCS where he is working as a Senior scientist. His areas of Interests include:



- Number theory applications in Cryptography
- Game theory, Information Security
- Data Analytics, Patent Technology

RESEARCH LABS COMPLEX



Success stories

IIITDM students made outstanding performance in renowned examinations such as CAT, GATE and GRE and have secured seats in prestigious Institutes. The details are as follows.

GATE

1. C.Naveen, M.Tech (CSE), IITB
2. S.Shaleene, M.Tech(CSE), IITKGP
3. Swaresh Sankalp, M.Tech(CSE), IITB
4. Sakthi Vel, M.Tech(CSE), IIT Roorkee
5. Krishna Chaurasia, M.Tech(CSE), IITK
6. Mohit S, M.Tech(CSE), ISI Kolkatta
7. Dheeraj kumar M.Tech (EE) in IITG
8. Anvitha - M.Tech (EE) IITB
9. Aditya Narayanan (VLSI, EE) - Direct Ph.D, IITM

GRE

1. Siddharth Agarwal, COE, UC, San Diego
2. Aurobindo, EDM, University of Texas, Dallas
3. Suganth Krishna, COE, UC, San Diego
4. Madhu Illuri, COE, Arizona State University
5. V.Manogna, COE, Arizona State University
6. Sri Sai Kumar, COE, U.North Carolina Charlotte
7. Thanoj, EDM, University of Texas, Dallas

CAT

1. Kavya. P, COE, IIM Calcutta
2. Ashwini.M EDM, IIM Indore
3. Sravan. J, EDM, IIIFT Kolkata



Ashwatha and The Basketball court through the final year B Tech student Ritesh Meena's photographic eyes which won The Best Instagrammer of the Month.



Student Affairs Council 2015-16

The Students' Affairs Council which takes care of the various student activities in the Institute was constituted in September. The students have been selected as secretaries responsible for different activities for the academic year 2015-16. Let's hope that they would strive very hard to fulfil the dreams and expectations of the student community of the Institute.

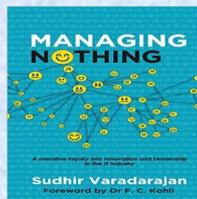
Guest Lectures at the Campus

- > August 5th- TIMES' Seminar on career options after engineering
- > August 21st- Mr. Asan Basiri - on High performance VLSI architectures for discrete transforms
- > September 2nd- Dr. N. Vijayarangan - on the role of SSMAC (Security, Social, Mobile, Analytics and Cloud)
- > September 1st- Ms. Padmavathi Chandramouli - on Higher education and Research opportunities in Germany
- > September 15- Mr. Sathiyaseelan, Head, Design, Ashok Leyland on Product Design



Recent Research publications

- ◆ M. A. Shalu, S. Devi Yamini, "c²-join of graphs", 13th Cologne-Twente Workshop on Graphs & Combinatorial Optimization at Istanbul, Turkey, May 26-28, 2015.
- ◆ Abhay Kumar and Binsu J Kailath, "Design of 3 stage high frequency CMOS voltage controlled oscillator", IEEE International Conference on Electron Devices and Solid-State Circuits (EDSSC) held from 1st to 4th June, 2015 in NTU, Singapore.
- ◆ SJ Shin, J Woo, DB Kim, Senthilkumaran K, S Rachuri, "Developing a virtual machining model to generate MT Connect machine-monitoring data from STEP-NC", International Journal of Production Research, 1-19, 2015 Accepted on 11th June, 2015.
- ◆ SC Feng, Senthilkumaran K, X Sun, "Energy Assessment Methodology for Mechanical and Electrical Product Assembly Processes", ASME 2015 International Manufacturing Science and Engineering Conference, Charlotte, North Carolina, USA, June 8-12, 2015.
- ◆ Pandithevan P., "Probabilistic approach in modelling functionally blended object" In the proceedings of International Conference on Advances in Applied and Computational Mechanics (ACM 2015), August 3 - 5, Izmir, Turkey.
- ◆ Pandithevan. P, and Joshi. M. "Dynamic analysis on orthogonal cutting of Ti-6Al-4V and steel 316L biomaterials" In the proceedings of International Conference on Advances in Applied and Computational Mechanics (ACM 2015), August 3 - 5, Izmir, Turkey.



Dr. Sudhir Varadarajan's book entitled "Managing Nothing: A reflexive inquiry into innovation and leadership in the IT industry" got published in August 2015 by Authors Upfront, New Delhi.

Guest lectures / Invited Talks by Institute Faculty

- ◆ Dr. K. Jayabal, "How to Design Integrated Assessments - Examples and Case Studies" at T.S. Srinivasan Centre for Polytechnic College and Advanced Training, Chennai .
- ◆ Dr. S.R. Pandian, "Research in Robot Vehicles and Manipulators, with Applications in Energy, Environment, and Education" at IGCAR, Chennai.
- ◆ Dr. K. Jayabal, "Advanced Finite Element Methods" for Two-week National Level Summer School on Computer Aided Product Design at SSN College of Engineering, Chennai, June 2015.
- ◆ Dr. Sadagopan N, "Introduction to Automata Theory", RMK Engg College, Chennai, July 2015.
- ◆ Dr. Sadagopan N, "Non-deterministic Algorithms", Sairam Institute of Technology, Aug 2015
- ◆ Dr. Sadagopan N, "Predicate Logic and its Applications", VIT Chennai, Sep 2015.
- ◆ Dr, Prem Kumar, "Energy-efficient Scheduling in Wireless Networks" IISc Bangalore in the "Modelling, Analysis and Control of Stochastic Systems Workshop" at the Indian Institute of Science on July 09, 2015.
- ◆ Dr, Prem Kumar, "Resource Allocation in Wireless Networking, at the "Advances in Wireless Communication and Networking" workshop organized by "Indian Academy of Sciences, Indian National Science Academy, and The National Academy of Sciences", July 23 - 24, 2015.
- ◆ Dr. J Uma Rani, "Biometric and its applications" in S.A Engg College, Chennai, August, 2015.

Hostel Night

Students gathered for the last cultural event in the semester, the Hostel Night on April 30th. Students from all branches actively participated and show cast their talent in music, dance, mimicry, etc. Winners of DMPL, the institute's cricket tournament and Shabdagathi, the institute's annual music competitions were awarded prizes. IIITDM family congratulates the winners!!



Intra-Institute Cricket Tournament 2015

The unique annual cricket tournament conducted "by the students of IIITDM, for the students of IIITDM", started off with great enthusiasm. Students formed franchises, bid and selected the best players for their teams. Rigorous practice sessions followed, as teams prepared for the tournament.



Nothing short of the excitement during the Indian Premier League prevailed, as the matches progressed. Following an "Edge of the seat" finals between the Team Cricket Convicts and Team Mighty Aryans, Team Mighty Aryans lead by Chetan Soni won the title.



Indian Institute of Information Technology, Design and Manufacturing, IIITDM, Kancheepuram.

Melakottaiyur

Off Vandaloor-Kelambakkam Road

Chennai-600127, India

Tel: +91 44 2747 6300

Fax: +91 44 2747 6301

Website: www.iiitdm.ac.in

Email: office@iiitdm.ac.in



Editorial Team:

Amulya Sai Bellam

Lalitha Paranam

Sangamalika Rajakumar

Tejaswini Chatty

Binsu J Kailath