

# Dr. Ambedkar Institute of Technology

(An Autonomous Institution Aided by Govt. of Karnataka)  
Affiliated to Visvesvaraya Technological University Belgaum  
Mallathalli Bangalore 56



## NEWS LETTER

Jan.-Jun. 2017



### Our Vision

To create Dynamic, Resourceful, Adept and Innovative Technical professionals to meet global challenges



### *From the Principal's Desk*

The online newsletter highlights the events in the first & second quarter of the year 2017. The college has many a good news to share with its valuable readers. The Institution is accredited with A grade by National Assessment and Accreditation Council NAAC and certain departments are accredited by the National Board of Accreditation NBA. The remaining departments are in the pipeline. Dr. AIT continues in its upward thrust successfully with new MoU's being signed with neighbouring countries like Indonesia, Thailand and Nepal. Dr. AIT having very fruitfully implemented the first two phases of Technical Education Quality Improvement Programme Government of India under MHRD (TEQIP), now has the pride of being chosen as a mentor institution in TEQIP III.

An Industry meet, a venture of first of its kind was hosted at The Oberoi which had a astounding representation from 60 top industries, and various industry linking programmes were set on mark to model AIT on par with the industry needs. A national level techno exhibition was organized on Ambedkar Jayanthi which attracted nearly 100 teams. And many events were periodically organized by all the departments and at the institute level as well. The focus was always on our students who are the main beneficiaries of all the activities in different forms.

As we continue in our path to fulfill the long term goals we very humbly acknowledge the support of all the stake holders.

Wishing you all a very peaceful and glorious days ahead!!

Best Regards

Dr. C Nanjundaswamy

## REPUBLIC DAY: 26th Jan 2017

The institution celebrated the republic day. Honourable Chairman Dr. S Chinnaswamy hoisted the national flag. The students from the various organizations under PVP Welfare Trust participated in march past and a spectacular cultural event followed the march past.



### Our Mission

- \* To offer state of the art undergraduate, postgraduate and doctoral programs in the fields of Engineering, Technology and Management.
- \* To generate new knowledge by engaging faculty and students in research, development and innovation.
- \* To provide strong theoretical foundation to the students, supported by extensive practical training to meet the industry requirements.
- \* To instill moral and ethical values with social and professional commitment.

## Kalarava 17/02/2017

The Fest was organized by the Kannada Mithra Balaga. The chief guest was the prominent kannada litterateur, the Jnanapeeta awardee, Chandrashekar Kambara.



The Chief Guest is being honoured by the Chairman of the PVP Welfare Trust DR. S ChinnaSwamy. The advisor Dr. B Hanumaiah, Principal Dr. C Nanjundaswamy and Student welfare officer Dr. T N Raju are seen in the picture

## INDUSTRY INSTITUTE INTERACTION MEET 24/03/2017



The Industry Institute Interaction Meet IIIM, first of its kind in the history of Dr. AIT was organised on 24<sup>th</sup> March 2017 at the Hotel Oberoi Bangalore. The IIIM was an astounding success story with nearly 80 industries participating. A remarkable event for any academic institute.

The Meet was inaugurated by the chief guest, honourable minister of state for agriculture Sri Krishna Byre Gowda.

The honourable minister said, the Meet is a welcome sign to align the curriculum with the industry expectations. In his Inaugural address he said this is been long talked about – despite the long 25 years there is still a gap. This would help to improve the economy by improving the business. The resources should be optimally used, the students should be well prepared when they join the industry, taking leadership and owning responsibility. And he stressed on the need to concentrate on the cultural issue, and to concentrate on how to motivate the students.

Addressing the invitees from the industry the chairman put forth the objectives before the invitees and invited the participation of the Industry in the same.

- \* Design & developing R & D related projects.
- \* Representing the Governing Body
- \* Signing MOU for mutual benefits
- \* Making use of the institute expertise in imparting technical skills to the industry workforce
- \* Fostering the establishment of Incubation Centres in the institute

And the Chairman also enlightened the participating industries about the MoU's signed with the foreign universities in the recent past.

The industry participation was very encouraging and rewarding for the efforts and the idea conceived by the management. There were participation from IBM, Intel, TCS, Infosys, Tech-Mahindra, Philips, NI and government organizations such as BMRCL, FKCCI, ASSOCHAM. Altogether there were around 60 all major industries in the core engineering disciplines.

The industries appreciated the idea and the objectives of the meet. It was agreed upon integrating the curriculum with the additional skills the industry needs right from the first year. The industry would support various facets like entrepreneurial skills, stress on research, focus on honing the soft skills etc. Many expressed concern about the eroding cultural and ethical morale of the students. This also need to be groomed which is the cause for high attrition rate in any industry.

The meeting is the beginning of a strong collaboration between the academia & industry which will be exploring all possibilities for a new vertical and better prospectus.

Honourable secretary Dr. M Mahadeva gave the concluding remarks and presented the summary of the Meet.

## DEPARTMENT OF CIVIL ENGG.

### Publications

- \* Purnima K Biranagi, Kavya H K and Vaibhavi A Deshpande **The Effect of Soil-Structure Interaction on Raft Foundation**, National Seminar for Research Scholars at AMC Engineering College, Bangalore on 16 & 17<sup>th</sup> March 2017.
- \* Purnima K Biranagi, Kavya H K and Vaibhavi A Deshpande **Comparative Study-Seismic Performance of Skewed RC box and T girder Bridges**, National Seminar for Research Scholars at AMC Engineering College, Bangalore on 16 & 17<sup>th</sup> March 2017.

### Workshop Attended

- \* **Innovative Teaching Methodologies** during 15<sup>th</sup> to 17<sup>th</sup> Feb. 2017 at Dr AIT, Bangalore.
- \* **Recent Advances In Material Processing, Characterisation And Applications (RAMCA-17)** during 20<sup>th</sup>- 24<sup>th</sup> March, 2017 at Dr. AIT. Bangalore.



Students on Industrial Visit  
Sharavathi Hydroelectric Power station –13/3/2017

## Department of Mathematics

### Publications

1. Dr. B. Sooryanarayana **2- Metric Dimension Of Cartesian Product Of Graphs** *International Journal of Pure and applied Mathematics*, vol. 112, N0. 1, Jan 2017, pp 27-45.
2. Dr. B. Sooryanarayana, **Radio Number Of Transformation Graphs Of Path**, *International Journal of Mathematics and Information Sciences*, Jan. 2017 .
3. Dr. R. Murali, **Laceability In The Modified Distance Graph Of Grid Graphs**, *Journal of the International mathematical virtual institute*, Vol. 7 Jan-2017, pp 17-35, ISSN (P) 2303-4866, ISSN (o) 2303-4947 .
4. Dr. R. Murali, **Rainbow Connection In Modified Brick Product Graphs**, *Far East Journal of Mathematical Science*, Vol 101, No. 2, Jan-2017, PP 289-300, ISSN: 0972-0871
5. Dr. R. Murali, **Edge Domination in the Shadow Distance Graph of Some Star Related Graphs**, *Annals of Pure and Applied Mathematics*, Vol.13, No. 1, Feb 2017, pp 33-40, ISSN:2279-087X(P), 2279-0888

### Workshop Attended

1. Dr. Jayalakshmi M, Mrs. Padma MM, Ms. Prabhavathi G Angadi, Mrs. Nagarathnamma H, Mrs. Sunitha Kulkarni, Mrs. Ashwini R, Mrs. Pavithra, Mrs. Savitha Y. L, Ms. Bhavya S, **Cloud Enabled Smart Grid** during 16<sup>th</sup>-21<sup>st</sup> March 2017 Dr. Ambedkar Institute of Technology
2. Dr. Jayalakshmi M, **Advances in Control Systems** during 23<sup>rd</sup> -25<sup>th</sup> March 2017 Dr. Ambedkar Institute of Technology, Bengaluru-56

REPORTED BY: Dr. Jayalakshmi M

## Department of MCA

### Workshop Organised

- \* **IoT and its Applications** 01/3/2017 by Mr. Vadiraj A and Bharatesh Member, FSMK, Bangaore.

### Workshop Attended

- \* Mrs. Shobarani B.R and Dr. Bharathi S **Data Analytics with R** at SPFU, DTE, Bangalore from 03/02/ to 03/02/2017
- \* Shobarani B.R and Dr. Bharathi S **Python for Data Science** at RNSIT, B'lore from 27/01 to 28/01/2017.

- \* Mrs. J Anitha, Mrs. L K Shailaja and Dr. Chandrakanth G. Pujari **Cloud Enabled Smart Grid** 16/03h to 2/03/2017 at Dr. AIT

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## Department of MCA

Dr.Chandrakanth G.Pujari Attended the Workshop on :

- \* **Open Core Engineering – XLC & Visualisation** during 13/03 to 15/03/2017 at Dr. AIT
- \* **Intellectual Property Rights & Management** 10/01/2017.
- \* **Management & use of E-Resources for Academic & Research Excellence in Engineering & Technology Libraries** on 27/02/2017 to 28/02/2017 at Dr.AIT.



Industrial Visit CDAC Bangalore on 24th March



Industrial Visit ISRO Bangalore 13th March

REPORTED BY: Miss Shivaleela

## Publications

1. Dr. Yamuna Devi C R & Dr B Sivakumar **Role of Wi-Fi Data Loggers in Remote Labs Ecosystem** *14<sup>th</sup> International Conference on Remote Engineering and Virtual Instrumentation held at Columbia University, New York City* in March 2017.
2. Prof. Mahesan K V **Segmentation of MR Images using Active Contours: Methods, Challenges and Applications** *International Journal of Innovative Research in Advanced Engineering, Volume 4, Issue 02, in February 2017.*
3. Prof. Aravinda H L **Simple Linear Iterative Clustering Based Tumour Segmentation in Liver region of Abdominal CT-scan** *International Conference on Recent Advances in Electronics & Communication Technology on 17.03.2017 at SJBIT, Bangalore.*

## Workshop Organised

TEQIP Sponsored Finishing School on **Telecom Technical Skills & Career Path** on 03.03.2017 for the final year students of UG and PG in association with **SecuriT Consultancy Services LLP, Bangalore**

Coordinators- Dr. Prashanth C R & Prof. Mahesan K V

## Congratulations Mr. Venkat Vivek VI Semester

- \* Presenting a Technical Paper Titled **Role of Wi-Fi Data Loggers in Remote Labs Ecosystem** at International Conference on Remote Engineering and Virtual Instrumentation held at Columbia University, New York City Mar. 2017
- \* Resource Person at *4<sup>th</sup> International Conference on Transformation in Engineering Education*” and Workshop titled “ *Remote Labs as a tool of practical learning* 6<sup>th</sup> – 12<sup>th</sup> January, 2017 at multiple locations:
  - 1) Vardhaman College of Engineering, Hyderabad, Telangana
  - 2) RK University, Rajkot, Gujarat.
  - 3) And Manipal University, Jaipur, Rajasthan.

## Workshop Attended

1. Mr. Aravinda H L & Ms. Shruthi P C **Advances in Control Systems** during 23.03.17 to 25.03.17 Dr. AIT.
2. Dr. B Sivakumar, Ms. V Chandrakala, and M Tech (DCN) 4<sup>th</sup> semester students **Research Methodology and Thesis Writing** during 06.03.2017 & 07.03.2017 Dr. AIT,
3. Mr. Mahesan K V & Ms.Sowmya M **Innovative Teaching Methodologies** during 15.02.2017 to 17.02.2017. Dr. AIT
4. Ms. Yashodha, Ms. Meena, Mr. Ramakrishna and Mr. Siddalingaiah **Fundamentals of Computer and Maintenance of Electronic Equipment** during 20.03.17 to 24.03.17
5. Dr. Yamuna Devi C R & Ms. Usha Rani M A **Open Core Engineering- XLC and Visualization** *during 13<sup>th</sup> to 15<sup>th</sup> March 2017, Dr.AIT, Bangalore.*
6. National Workshop on **Management and Use of E-Resources for Academic and Research Excellence in Engineering and Technological Libraries** during 27<sup>th</sup> & 28<sup>th</sup>

Finishing School



REPORTED BY: Sowmya M

## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGG.

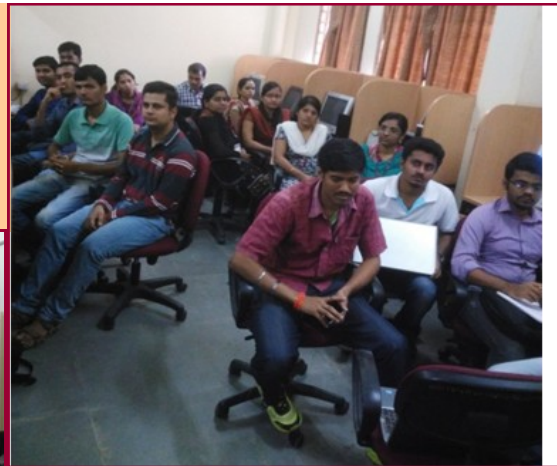
### Workshop Organised

**MATLAB WORKSHOP ON POWER ELECTRONICS & DRIVES – A SMART APPROACH**, 27<sup>th</sup> Feb. To 3<sup>rd</sup> March, 2017 Sponsored by TEQIP phase-2

#### Finishing School

Entrepreneurship Development Programme 7<sup>th</sup> -8<sup>th</sup> March 2017

The sessions were handled by MSME Development Institute, IISc, KASSIA, Electrono-solutions and others



#### Faculty Development Programme **CLOUD ENABLED SMART GRID**

16<sup>th</sup> – 21<sup>st</sup> March, 2017

Sponsored by TEQIP-II

Smart grid plays a very important role for Integration of Renewable Energy Sources into the grid. Smart grids will be designed to shift demand from periods with low availability to periods with high availability. Major differences are that the efficiency can be very high, the cost of implementing can be low, but the potential capacity is limited by the consumption of a number of appliances.



## Workshop Attended

- \* Dr Jyoti Koujalagi, Dayananda TB Management & Use of E-Resources for Academic & Research Excellence in Engineering and Technological libraries 27<sup>th</sup>- 28<sup>th</sup> Feb. 2017, Dr.AIT
- \* Deepti S, Shastrimath, Nalini S & Mukundaswamy. M.S, Open Core Engineering – XLC & Visualisation 13<sup>th</sup> – 15<sup>th</sup> March Dr AIT,
- \* Dayananda TB , Research Methodology & Thesis Writing , 6<sup>th</sup> –7<sup>th</sup> Mar. 2017, Dr.AIT
- \* Dr Jyoti Koujalagi Innovative Teaching Methodology, 15<sup>th</sup> –17<sup>th</sup> Feb. 2017, Dr.AIT
- \* Nalini S , CEP in Advances in Control System, 23<sup>th</sup>-25<sup>th</sup> Mar. 2017, Dr.AIT

## INDUSTRIAL VISITS

Udupi Thermal station, Varahi Hydrel power station and Gorur Dam & Power station during 02/02/17 to 04/02/17.



## DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

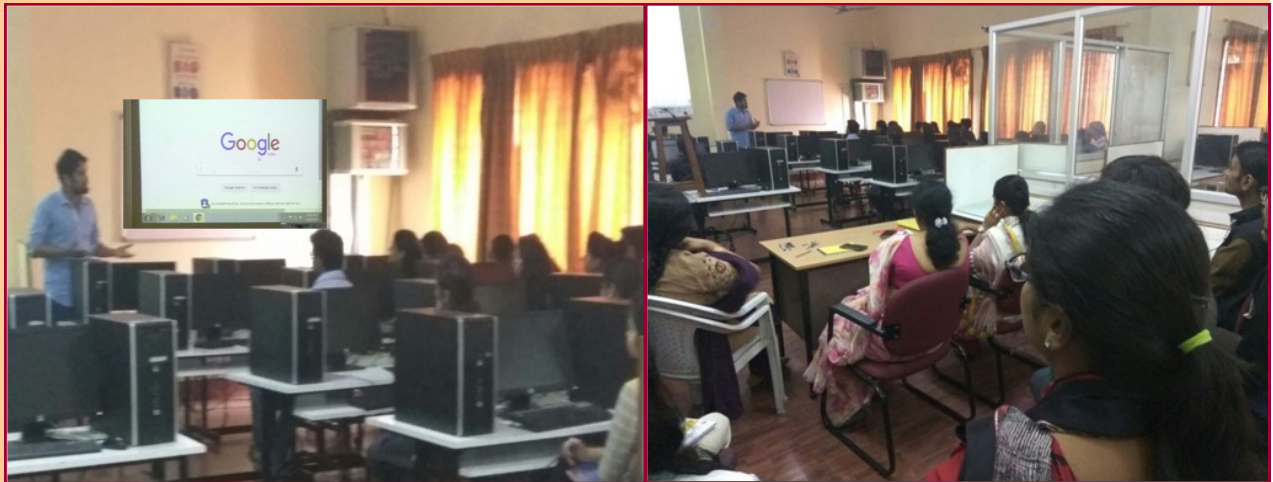
### WOMEN EMPOWERMENT : 31<sup>st</sup> January 2017

The talk highlighted the opportunities for women empowerment and the speakers were Ms. Anmol Ajayan and Ms. Tanya Miriam Julius from Christ University



### TO BUILD PROJECTS USING RASPBERRY PI

Mr. Karthic Rao, Systems Developers, Minio Inc, California



### Finishing School Training On Android Programming Using 7.0 APIs: 10th & 11th March 2017

Involved training on creating applications in Android such as widgets, Customize List view, Grid view, Spinners and to create applications using audio & video. The workshop sessions were handled by Infosys Technological Solutions and

# Sensor web And IOT

Nihon Communication Solution Pvt. Ltd. 28th Feb. & 1st March

To provide participants with comprehensive understanding about the domain of wireless sensor networks and IoT with emphasize on a particular approach .



## Interrupt 6.0

03/3/2017 & 04/3/2017

Interrupt 6.0 is a two day techno cultural fest. The fest was sponsored by Cito InfoTech, Shardha Book Store and Aircel. Students from various colleges across Bangalore such as RVCE, BMSCE, MSRIT, Jain University had participated in the plethora of events conducted, both technical and non-technical.

The chief guest, Naga Kiran K R, Member of Technical Staff at Nutanix India Pvt Ltd inaugurated the technical fest with a talk about **Virtual and Augmented Reality, Big Data Analytics** and various **Cloud Computing Technologies**.

The diverse number of events conducted this year made interrupt one of the most unique and sought-after fest in Bangalore. The technical events are Tech Connect, Qfiesta, Rapid fire coding, Tech-Charades, Just do It and Switch. The non-technical events are Gone in 60 seconds, Counter strike, Pic O'Mania, Bumble Bee, Fungineering and Mr. and Mrs. Interrupt

All the above events received a very good response and reviews from participants and audiences alike. The cultural events on the second day kept the audience entertained and gave a platform for students to showcase their talents on a larger stage.



REPORTED BY:  
Rashmi N, Lavanya and Sowmya CL

## DEPARTMENT OF MBA

### Seminar Organised

1. **Leadership, Team Building & Career Planning** on 28<sup>th</sup> March, 2017
2. **Challenges & Opportunities of an Entrepreneur** on 25<sup>th</sup> March, 2017.

### Publication

Prof. Susheela Devi Influence Of Smart City On Entrepreneurial Activities *International Journal of Engineering & Technical Research* with an ISSN NO; 2454-2024.

### Workshop Attended

- \* Prof. Leela M H **Workshop on Management Of E-Resources** On 27<sup>th</sup> & 28<sup>th</sup> February 2017 at Dr.AIT.
- \* Prof. Leela M H **Research Methodology & Thesis Writing** 6<sup>th</sup> & 7<sup>th</sup> March, 2017 at Dr. AIT
- \* Prof. Vidya R **FDP on Teaching Techniques & Best Practices & Essentials Of A Teacher** on 8<sup>th</sup> February, 2017
- \* Prof. Arundathi S V **Global Conclave On Disruption** organized by PRCI Bengaluru Chapter on 3<sup>rd</sup> & 4<sup>th</sup> March, 2017
- \* Ms. Shailaja M L **Symposium On Building Expertise & Enhancing Employability In Various Untapped Sectors** at VTU R O, on 24<sup>th</sup> March. 2017 at Bengaluru



INDUSTRIAL VISIT

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REPORTED BY: Kavitha S

## **DEPARTMENT OF MECHANICAL ENGG.**

### **Invited Talk Delivered**

Dr. T N Raju was invited to speak at various venues:

1. **International Conference on Advanced Materials, Manufacturing, Management and Thermal Science** at SIT ,Tumkur on 23<sup>rd</sup> Sep. 2016.
2. **Recent Innovations on the use of Composites in Automobile and Aircraft Applications** at Dr.AIT, Bengaluru on 9<sup>th</sup> June 2016.
3. One week workshop on **Advanced Manufacturing Techniques** at SIT, Tumkur.

### **Industrial Visits**

M.Tech. Students visited **ACE Manufacturing System LTD**, Peenya Industrial Area, Bengaluru.

REPORTED BY: *Pavan Tejasvi .T*

## Workshop Organised

**1. Research Methodology** on 21/03/17 by Prof. G SURESH KUMAR G, BIT, Indhupur, Andra Pradesh



The contents were Overview of Research process, Research design, Data collection, Report Preparation and Hypothesis Formation. Prof. G SURESH KUMAR G, BIT, Indhupur, Andhra Pradesh was the resource person.

**2. Finishing School : PARIVARTHAN**  
-2017 on 16/02/2017

**Mrs. Raksha Kumarswamy and Mr. Gururaj Dhruva Balse**

The course emphasised on Confidence building, Interpersonal Skills, Interview skills and Communication Skills.

**3. Fundamentals of Computer and Maintenance of Electronic Equipments-**  
20th to 24th March



## CONGRATULATIONS

Dr. Shivaputra was awarded Second Prize for his Technical Paper on **Improved MRLE Technique for Compression of Color Image** at National Conference on *Impact of Science and Technology on Society and Economy*, jointly organized by KSTA, DST, GoK and Vijayanagara Srikrishna Devaraya University, Belary during March 8-9, 2017

## Department of Information Science and Engineering

<b>Publications Details:</b>	Dr.B.S.Shylaja <b>AHP-based Multimetric Geographical Routing Protocol for Urban environment of VANETs</b> in <i>Journal of King Saud University – Computer and Information Sciences (2017)</i> ,Elsevier publication, ISSN: 1319-1578, Jan.2017, pp. 1-12.
<b>Workshops Organized:</b>	<ol style="list-style-type: none"> <li>1. Industry Readiness 3/2/ TEQIP-II Sponsored Workshop on Innovative Teaching Methodologies jointly organized departments of ISE, ME and CSE in association with IIT, Bombay from 15/2/2017 to 17/2/2017.</li> <li>2. Hands-on Workshop on Big Data Technologies 30/3/17</li> </ol>

1. Dr. Nandini Prasad.K.S attended Six days workshop on *Machine Learning with Python and R-Tool* at SJBIT from 16/1/2017 to 21/1/ 2017.
2. Dr. Nagalakshmi. S, Ms. Vijayalaxmi.R.Patil and Prof. Shilpa Biradar Workshop on **Cyber Crime and Digital Forensics** in CSI-Bangalore Chapter Premises, Bangalore on 7/1/2017.
3. Ms. Vijayalaxmi.R.Patil and Ms. Shilpa Biradar **Workshop on Wearable Physiological Monitoring System & WBAN** under TEQIP-II at M S Ramaiah Institute of Technology ,Bangalore from 9/1/2017 to 16/1/ 2017
4. Mr. Satish.B. Basapur and Mr. Kushal **Workshop on Windows Server 2012 and Linux Administration & Trouble Shooting** at SJB Institute of Technology, Bangalore from 23/1/2017 to 25/1/ 2017.
5. Ms. Vanishree, Ms. Neetha Natesh, Ms. Jyothi. S, Ms. Jyothi. Workshop on **Open Core Engineering –XLC & Visualisation** at Dr. AIT from 13/3/2017 to 15/3/2017.
6. Dr. Prabha. R, Dr. Nandini Prasad.K.S, Dr. Nagalakshmi. S, Satish.B. Basapur, Shilpa Biradar, Vanishree, Neetha Natesh, Jyothi. S, Jyothi.B **Cloud Enabled Smart Grid** at Dr. AIT from 16/3/2017 to 21/3/2017.
7. Dr. Prabha. R and Dr. Nagalakshmi. S Workshop on **Python Programming** at VKIT, Bangalore from 10/3/2017 to 11/3/2017.
8. Vijayalaxmi.R.Patil, Puhpalatha.S and Vidyarani. H. J **Research Methodology and PhD Thesis writing** at Dr. AIT from 6/3/2017 to 7/3/2017.
9. Prof. Jyothi.S **Android Developer Fundamentals Faculty Training** at Google Training Centre, Bangalore from 6/3/2017 to 10/3/2017.

## INDUSTRY READINESS



## INDUSTRIAL VISIT to SALES FORCE at UB CITY



**REPORTED BY**  
**Dr. Nandini Prasad**

## Department of Instrumentation Technology

### Fourth National Conference on Computational Control Systems and Optimisation CCSO -2017 30<sup>th</sup> & 31<sup>st</sup> March 2017

The 4<sup>th</sup> National Conference organized by the Department and was sponsored by TEQIP II. The Conference was convened by Dr. M. Meenakshi, Professor, and Head, Dept., because of whose efforts the event got a tremendous response from the students all across Karnataka and the nearby states.

Lt. Gen. (Dr.) V J Sundaran Advisor - Micro and Nano Systems – National Design and Research Forum inaugurated the conference and delivered the keynote/inaugural speech. Dr. M.M. Naik, former Director ISRO, Iisc, Bangalore was invited to deliver the technical talk on 30<sup>th</sup> March 2017.

Nearly 25 technical papers were presented by the in-house faculty and UG Students

Inauguration by Lt. Gen. V J Sundaran

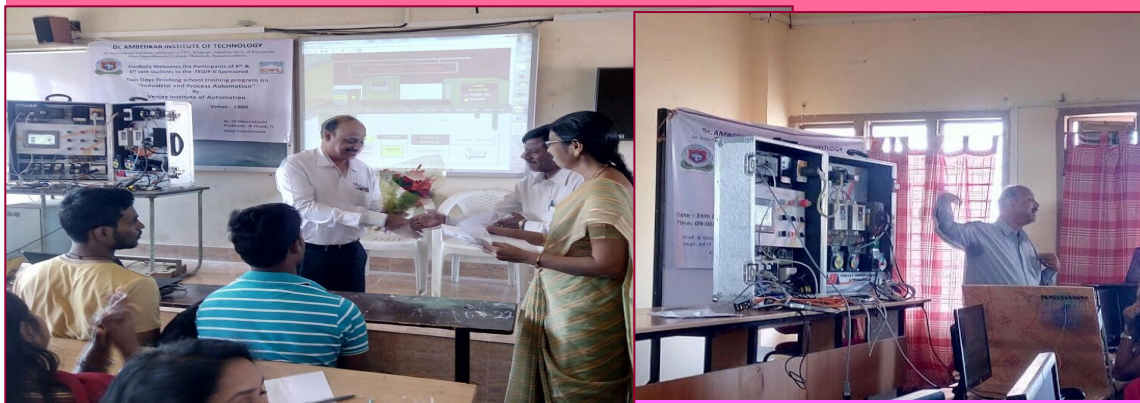


Technical Presentation by the Participants



# Advances in Control Systems 23rd to 25<sup>th</sup> March 2017 In association with IIT Bombay

The training program introduced the participants to the field of advanced control systems including classical control systems, modern control systems, MPC, robotic control etc. Around twenty-five participants from various departments attended the programme. The resource persons were Prof.Ravindra D Gudi, Prof.PSV Nataraj, and Prof. RamKumar from IIT Bombay.



## Workshop Attended

Sridevi N, Monika TS Workshop on Research Methodology and Thesis Writing during 06<sup>th</sup> & 7<sup>th</sup> March 2017 at Dr.AIT

Soumya B S, Seema BS Attended Workshop on Teaching Methodologies, during 16<sup>th</sup> & 17<sup>th</sup> Feb. 2017. at Dr. AIT

## Industry Visit

\* Mandya Sugar Process Industry on 15<sup>th</sup> Feb2017

\* VARAHI Under-ground Power House & West Coast Paper Mills Dandeli on 1<sup>st</sup> & 2<sup>nd</sup> March

Reported by : Ms. Shubha P

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# SPORTS



Tejas S K represented VTU for Taekwondo Team at India Inter university competition held at Rohtak (Haryana) during 15th to 21st March 2017



Annual Athletic Meet

4th March 2017

The college organised tournaments for students in Cricket and Badminton and also hosted VTU tournaments in Football, Kho-Kho and Kabaddi.

REPORTED BY : K J SHIVAKUMAR  
Physical Education Director



# LIBRARY

## National Workshop

on

**Management & Use of E-resources for Academic and Research Excellence in Engineering and Technological Libraries On 27<sup>th</sup> & 28<sup>th</sup> Feb. 2017.**



### EDITORIAL :

CHIEF EDITOR : Dr. C NANJUNDASWAMY, Principal  
EDITOR : Dr. SHANTHI K J , HOD Medical Electronics

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