Our Mission:

To Distinctively Serve the Diverse People of India especially the Historically Under Privileged Population
To Provide Affordable High Quality Technical Education at Under Graduate Post Graduate and Doctoral levels
To Emerge as a Lead Institution to cooperate in the development of networked Institutions, and Promote Industry Institute Interaction in a way beneficial and Productive for the Society.
The independence day was celebrated with a very huge gathering of the students and faculty. The chairman hoisted the national flag and the national anthem followed. The shower of tricoloured petals from atop caught everyone in cheerful mood. The girls with their face painted with national flag, added more colour to the cherishable moment. The honourable chairman Sri S Chinnaswamy and the honourable secretary Dr. M Mahadeva addressed the audience. Also present were Vice Chancellor Dr. B Hanumaiah and Principal Dr. T C Manjunath. The flag hoisting was followed with breakfast and a very colourful entertainment by the students. The students put up a splendid show, which was very befitting to the occasion, rousing patriotism and also a grave reminder of the present day abuses of the society. Each of the performing team was encouraged by presenting a cash award by the college management.

About the Institution

Dr. Ambedkar Institute of Technology (Dr. AIT) is managed by Panchajanya Vidya Peetha Welfare Trust. Dr. AIT was established in 1980 by Late Sri. M H Jayaparaksh Narayan. An Autonomous Institution aided by the Government of Karnataka.

Vision: "To create Dynamic, Resourceful, Able and Innovative Technical Manpower to ensure that India regain her responsible and creative leadership in Technology"


Akarsh, 5th Sem. won a prize at the National level Go-Kart Design Challenge organized by ISNEE
**Expert Talk :**  **ANN and its Applications**  delivered by Dr. M Meenakshi on 11th August 2015 at 3 days workshop on Soft computing and its applications in engineering, MSRIT, Bangalore

**Workshop Attended**

- Soumya B S and Monikashree T S attended **One week FDP on A Practical Approach towards Embedded System Design** during 27-07-2015 to 01-08-2015 at MSRIT, Bangalore
- Dr. M Meenakshi and Shubha P attended **Hands-on-Training on FEKO** 7th to 11th April 2015, Dr.AIT

**CCSO 2015**

3rd National Conference on Computational Control Systems and Optimisations

Dr. M. M. Naik former Director ISRO, professor, IISC, Bangalore inaugurated the conference. Eminent speakers from academic institutions, industries and R&D organizations delivered lectures. There were three invited talks and a keynote address on the specialized areas of the conference. Around seventy five peer reviewed papers were presented in eight parallel sessions over the two days. This provided ample scope for interaction among the participants. Student project/poster presentations were also arranged.

The programme was convened by Dr. M Meenakshi Professor and head of the department. The conference was successfully organised with the cooperation and support of all the faculty and staff in the department.
October 2015

Reported by: Dr. M Meenakshi

DEPARTMENT OF MBA

Events

Industry visit to KSIC and KSDL Mysore on August 21st and 22nd

Prof. Susheela Devi. D. delivered A Talk Titled FOCUS ON HRM on 29/9/15 addressing final year BBM and B Com. students at PVP First Grade College, Mallathally, Bangalore

Ill semester students attended a workshop on SKILL DEVELOPMENT, RURAL ENTREPRENEURSHIP AND TECHNOLOGY during 3/9/15 and 4/9/15 at VTU Regional office, Bangalore

Dr. Rupla Naik. S, attended a workshop on CHOICE BASED CREDIT SYSTEM on 11/9/15 organized by VTU at K.S. School of Engineering and Management, Bangalore.

Teacher's Day was celebrated on 7th September 2015.

Fresher's party was organized by the III sem. students and department of MBA on 7/10/15

Reported by: Arundhati
Publications

◊ B. Sooryanarayana et. al., Open Neighborhood Chromatic Number of an Antiprism Graph, *Applied Mathematics E- Notes* Aug 2015, pp 54-62, ISSN 1607-2510

◊ Dr. R. Murali et. al., Rainbow Connection Number of Sunlet Graph and its Line, Middle and Total Graph, *International Journal of Mathematics and its Applications* Vol 3, Issue 4-A Aug 2015, pp 105-113, ISSN 2347-1557


Talks Delivered

Dr. B. Sooryanarayana delivered talks on
2. Dimension in Graphs, at National Workshop on Graph Theory and Applications on 17th Oct 2015 at Siddaganga Institute of Technology, Tumkur

Workshop Attended

♦ Dr. R. Murali: Hands on Training on Qualnet, at Dr. AIT, during 22nd & 23rd Sept. 2015
♦ Dr. Jayalakshmi M, Dr. Shivaprasanna G S, Ms. Prabhavathi G Angadi, Ms. Ashwini R: National level workshop on A Pedagogy for Effective use of Mathematics for Research in Science and Technology during 27 to 31 July 2015 at Jawaharlal Nehru National college of Engg., Shimoga,

Reported by: Dr. Jayalakshmi M
1. Dr. B. Veena Devi:
   - QUALNET during 22nd & 23rd September, 2015 at Dr. AIT, Bangalore – 56.
   - Skill Development, Rural Entrepreneurship and Technology during 3rd & 4th September, 2015 at VTU regional office, Bangalore.
   - Principles of Photonics and Applications during 20-24 July 2015, MSRIT, Bangalore
   - Industry Readiness in Engineering Education IREE-2015 during 23-25 April 2015 DR. AIT, Bangalore -56
2. A. A. Jahagirdar,
   - Principles of Photonics and Applications during 20-24 July held at MSRIT,

CONFERENCES


Reported by: SHRUTHI B


Erama, Reactive Power Compensation Using STATCOM International Conference on Emerging Trends In Engg. And Technology (IFERP) 7th June 2015 Bangalore


Dr. Jyoti P Koujalagi, Torque Ripple Minimization In 8/6 SRM By Variation Of Conduction Angle And XSG For Controller Design, 2nd International Conference on recent trends in signal processing, Image processing and VLSI, DBIT, Bangalore 15.16 May 2015

Dr. Jyoti P Koujalagi, Fuzzy Logic based control system used to improve energy production from Alternative sources, International Journal on, Advanced Research in Electrical Engineering, AREEE ISSN:2349-5812online, vol2 no.5, pp.68-73, Krishi Sanskriti publications, April-June 2015

T B Dayananda, A 250 W Full Bridge DC-DC Step-up Converter, Advanced Research in Electrical Engineering, AREEE Print ISSN:2349-5804,online, vol2 no.5,April-June 2015, pp.12-17Krishi Sanskriti publications, April-June 2015


H V Govindaraju, High Efficiency, isolated, Resonant converter for Photovoltaic Applications, International Conference on,” Innovative Research in Mechanical, Electrical, Electronics, Civil, Computer Science and Information Technology, 16-17th May 2015, JNU, New Delhi


Arpitha Raju, Cascaded Two Level Inverter Based Multilevel Statcom For Power Quality Improvement, International Conference On, Innovative Research in Mechanical, Electrical, Electronics, Civil, Computer Science and Information Technology, 16-17th May 2015, JNU, New Delhi

Arpitha Raju, Automatic Power Factor Correction Using FPGA, International Conference on, Innovative Research in Mechanical, Electrical, Electronics, Civil, Computer Science and Information Technology, 16-17th May 2015, JNU, New Delhi

Deepthi S S, Electrical Power Generation By Speed Breakers, National Conference on, Wireless Control and Communication Technologies, 27-28th April 2015, Dr.AIT, Bangalore
Workshop Attended

- Arpitha Raju Research Methodologies 21-23 May 2015 VTU, Bangalore
- Nalini S, Arpitha Raju Hands on Training in FEKO 7-11 April 2015 Dr. AIT
- Dhanyavathi A Research Methodologies 8-9th June 2015 NIE, Mysore

DEPARTMENT OF MEDICAL ELECTRONICS

Internship

- Around ten final year students underwent two month long internship at Major Hospitals in city and in Mysore
- One student underwent internship at NIMHANS Bangalore

The final year students of 2015 Batch Chethan and Javeed explaining their project to the consultancy ASRAH TECHNOLOGIES PVT. LTD

PUBLICATIONS


Ravish D K Wavelet Analysis of EEG & for Seizure Detection: Coherence and Phase Synchronous Estimation Biomedical Research India Vol. 26, Iss. 3 pp 514-524 May 2015
Department of Telecommunication Engineering

Workshop Conducted

Workshop on Hands on Training on QualNet on 22nd & 23rd of September, 2015 An Industry Institute Interaction Program was conducted in association with Nihon Communication Solutions Pvt Ltd (NCS).

Publication Details


Congratulations

Subramanya A Iyer, Spoorthi Ramdas Nayak and Raksha M.V VII Sem Students Won First place in All India contest EnginX-2015 Organised by Tata Consultancy Services

Reported by: KAVITHA NARAYAN
Prof. S.K. Indumathi presented a paper on **A Visionary Approach for Technological Advancements through Education in Rural India** in the International Conference held at Mount Carmel College, Bangalore on Aug 30th and 31st 2015

**Workshop Organized**

**Android Based Mobile Applications** on 21 August 2015 conducted by Mr. Arun S.Chandodi, Android Developer, at MSSCRIPT

MCA students have participated in the two day workshop on **Skill Development, Rural Entrepreneurship and Technology** organized by Skill Development Centre, Visvesvaraya Technological University on 3rd and 4th September 2015 at VTU Regional Office Bengaluru.

**Reported by : Dharani N V**
WINNERS AT VTU INTERCOLLEGE KABADDI TOURNAMENT 2014-15

Inauguration of VTU Intercollege Throw Ball Tournament at our college campus on 8th & 9th October 2015

Reported by: Shivakumar K J

Teams contesting at the Throw Ball Tournament
Independence Day Flag Hoisting