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.
January 2016

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 Jayaprakash 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”

Message from Principal’s Desk

I warmly extend the New Year Greetings to each one of you. The year ahead 2016 is full of promises and hopes for Dr. AIT.

New challenges lay ahead with the institute readying itself for National Accreditation. With international recognition.

The management has its vision to realise Dr. AIT on par with the national reputed universities. This combined with the efforts of each individual member of Dr. AIT fraternity will sure see Dr. AIT in the front runners of higher education.

The placement activities are at the helm. With more companies joining in we hope to achieve highest percentage of placement this year.

Dr. C Nanjundaswamy
Principal
DEPARTMENT OF

TELECOMMUNICATION AND ENGG.

Publications


2. Shruthi P.C Wavelength Converter in Optical WDM Networks Using Evolutionary Algorithm IEEE proceedings on 12th International Conference on wireless and optical communications at MSRIT, Bangalore on 9th to 12th September 2015

M Tech. Internship: Students underwent internship at industries like BEL, CAIR, Reliance Communications Ltd. And BSNL

DEPARTMENT OF

ELECTRICAL ENGINEERING

Publications

1. Dr. Shankarlingappa Stability Enhancement of DFIG-based Wind farm connected to a grid using STATCOM, IEEE INDICON-International Conference Dec. 17-20,2015 New Delhi

2. Dr. Shankarlingappa Optimal allocation of distributed generators for minimizing energy losses and maximizing the economic benefits considering cost of energy IEEE-ITACT 2015, International Conference, 21-22 Dec. 2015 Bangalore


Reported by: Priya H K

Reported by: Kalini S
Publications

Workshop Attended
Sasirekha A of 7th semester participated in Apps Fluxus-20 National Android App Champions workshop on 2nd to 3rd November 2015

DEPARTMENT OF MATHEMATICS
◇ Dr. R. Murali et.al., Embedding Index in Graphs, Journal of Advanced Mathematics and Applications, Volume 4, No. 2, Dec 2015, PP 1-7, ISSN: 2156-7565
◇ Dr. B. Sooryanarayana Attended and delivered an invitee talk on Dimension in Graphs, in one day national workshop on Graph theory and applications held on 17th Oct 2015 at Siddaganga Institute of Technology, Tumkur.

Other Activities
◇ Research Scholar Mr. Kamal kumar completed his final Viva- Voce on 22nd Dec 2015 under the guidance of Dr. R. Murali
January 2016

DEPARTMENT OF INFORMATION SCIENCE
ENGINEERING

Publications


Workshop

Application Development using Android on 17th & 19th, October, 2015

Industrial Visit to: TEJAS Networks on 07/12/15

Reported by: Dr. Nandini Prasad
DEPARTMENT OF
CHEMISTRY

Publications

1. Dr. B. Veena  An Electrochemical Study of The Inhibiting Action of Cationic Surfactant Inhibitors on The Corrosion Behaviour of ZA-27 Alloy In 0.5M NaCl National Conference on Recent Advances in Applied Chemistry Organized by Dayananda Sagar University, Bangalore on 17th December 2015.


LIBRARY

1. C.A .Malaghan  Attended Two days National Seminar on Library Consortia in Digital Age, Opportunities and Challenges on 1st and 2nd December 2015 at Visvesvaraya Technological University, Jnana Sangama, Belagavi


Industrial Visit

Kerala State Electronics Development Corporation LTD, Keltron Controls, Kerala on
17th October 2015

Around 30 students from 3rd and 5th semester accompanied by 2 faculty members visited the industry. The main objective of the visit was to expose the students to industrial adaptation of concepts of Controls and Instrumentation, Power Electronic System and Security & Surveillance Systems. The company is located in Alappuzha (District) of Kerala. Mr. Mohan Kumar guided and explained about various electronics gadgets like actuators, sensors etc. used in the industry.
Android APP Development Workshop:
2/11/15 & 3/11/15
The workshop cum contest was organised by ME-SA (Medical Electronics students Association). The workshop was organised by APPSfluxus Delhi, The company is recognised by IIT Roorkee and the three winners will represent the Tech Fest at IIT Roorkee to be held during Mar. 2016. The workshop was organised by Student volunteers Praful.

Electrical Safety for Medical Devices:
Rizwan Khan and Hidayath TransCall India Pvt. Ltd.
The one day Talk was an Industry component in the curriculum and handled by a Medical Devices Calibration company called TransCall India Pvt. Ltd. Two of our Alumni entrepreneurs own this company. They did a fabulous job of inspiring the

Biomedical Engineers in Aviation and Space Medicine: Challenges and opportunities:
4/11/2015
Dr. Aravind, Head of BioMedical Engineering, Institute for Indian Aerospace Medicine, Indian Air force, Bangalore
Dr. Aravind, spoke on the various human centric design issues and intricacies involved in biomedical engineering in such hostile and demanding conditions. The field offers lot of opportunities for biomedical engineers.

Industrial Visit
The final year students and three faculty members visited AIISH All India Institute for Speech and Hearing Mysore.
The VI Sem. Students underwent hospital training during 4-01-16 to 9-01-16 at BGS Medical College and Hospitals and Dr. B R Ambedkar Medical College and Hospitals K G Halli.

Publication

Workshop attended
◊ Narasimha Murthy and Chandrasekhar A N attended a workshop on Advanced Experiment Techniques on Data Acquisition in Pharmacological Research at JSS College of Pharmacy Ooty on 05/10/2015
◊ Ranganath K B attended the workshop
January 2016

Android APP Development

Snap Shots from Electrical Safety - The Alumni interacting with students
Mr. Enrico Altino from Italy and Mr. Harish of AD Instruments with Dr. TC Manjunath and the ML team. Mr. Altino visited the department on 30th Nov. to enlighten us on a therapeutic equipment for research in the cardiac study with patient maneuvering. The students would get an opportunity to visit and learn about the equipment in one of the hospitals where the equipment is installed.

Mr. Ranganath K B attending Operation and Maintenance of ICU Equipment during 14/12/15 to 18/12/15 at Advanced Training Institute and Electronic Process Instrumentation ATI EPI Hyderabad
Dr. Arvind  
Head of Bio Medical Engineering,  
Institute for Indian Aerospace Medicine,
Medical Electronics Students on Hospital Visit to Dr. B R Ambedkar Medical College and Hospitals Bangalore – 45

Chief Editor: Principal Dr. C Nanjundaswamy
Complied and Edited by: Dr. Shanthi K J
Prof. & HOD. Dept. of Medical Electronics