

# Dr. Ambedkar Institute of Technology

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



## NEWS LETTER

Sept.-Dec. 2018



### Our Vision

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



### *From the Principal's Desk*

Greetings to all the readers!

The higher education system in India is providing the top class opportunities for the students through the delivery of online courses. The online courses are offered by the premiere institutes of the country IITs and IISc. And we encourage our students to undertake such programmes to improve their proficiency in the subjects and be more competent in the world of competition. The institute has incredible online library resources, with unlimited access. We focus on vertical growth of the students by timely assisting them in personality development, skill development and guiding them in cracking the competitive exams like GATE.

The regular academic coaching and the participation in curriculum oriented activities will shape and enhance confidence in the students. The goal of the institute is to build successful stories for the student.

Best Regards  
Dr. C Nanjunda Swamy

## 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



December 21 is celebrated as Founder's Day by the Panchajanya Vidya Peetha Welfare Trust as a mark of respect and tribute to the Founder Trustee Shri MH Jayaprakash Narayan. December 21, 2018 was the 92nd birth anniversary.

The function was inaugurated by the Chief Guest Shri P G R Sindhia Chief Commissioner of Bharat Scouts and Guides (Karnataka). The Chief Guest paid floral tributes to the statues of Dr. B R Ambedkar and Shri MH Jayaprakash Narayan along with the honourable trustees. And said that he was blessed to be here. He recalled the political life of Shree MH Jayaprakash Narayan. And

noted that people like JPN will always be remembered. He also had a good word for each of the Trustees. And advised the students the young engineers to invest on time and come up in life. The Chairman Shri S Mariswamy presided over the function. The Chief Guest also released the New Year Calendar, Diary.

JPN Memorial Tournament for faculty is held every year and the prizes are distributed on the Founders day. The Chief Guest gave away the prizes.

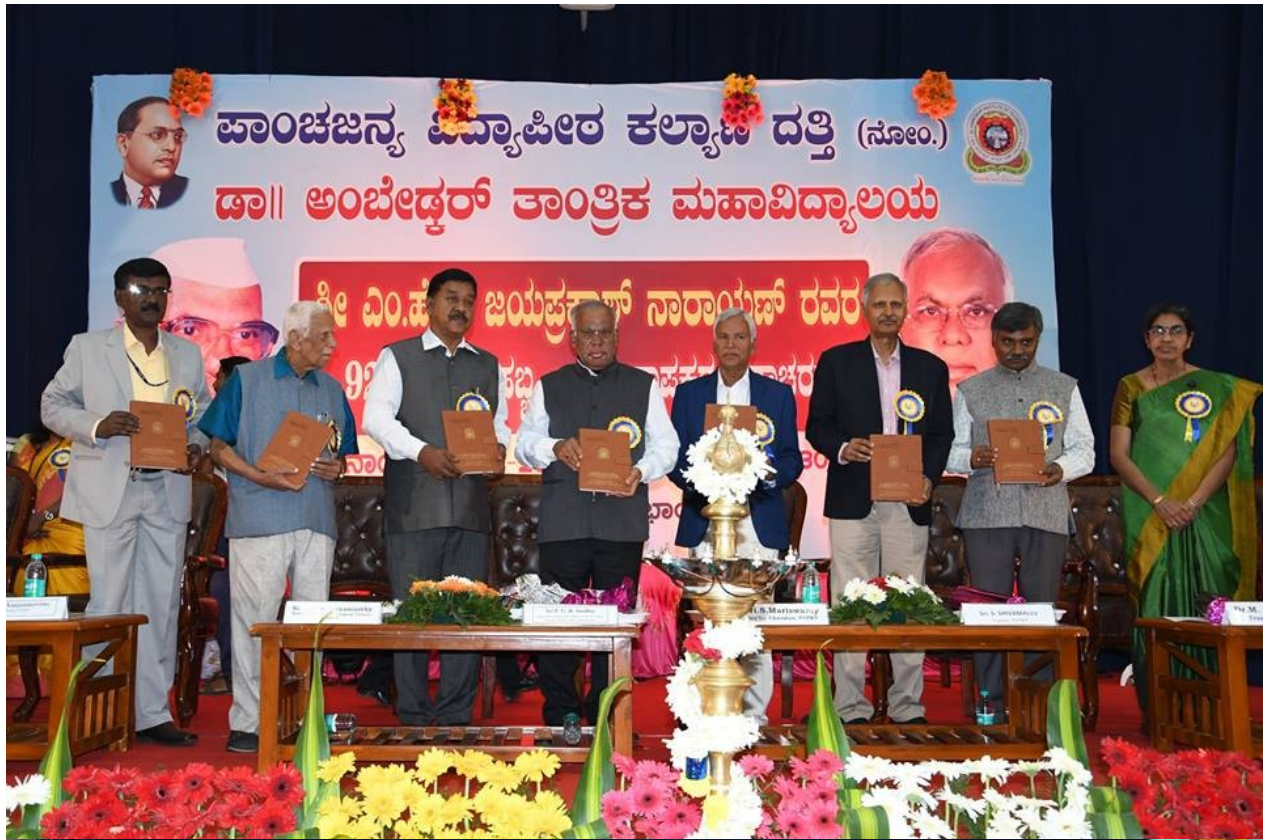


Shri PGR Sindhia addressing the gathering of the PVP Welfare Trust Employees and the students



Paying Respect to the JPN Samadhi at Vishranthi Dhama inside the campus, along with honourable Chairman Sri S Mariswamy and honourable Secretary Shri AR Krishnamurthy





Releasing the Calendar & Diary and distributing Prizes



# Department of Electrical Engineering

The students and faculty visited the following industries:

- \* U R Rao Satellite Centre on 03-09-2018
- \* HAL Aeronautical Museum on 30-10-2018
- \* BMRCL 04-10-2018
- \* MGIRED Mahatma Gandhi Renewable Energy Development Bangalore on 14-11-2018



HAL Aeronautical Museum



MGIRED



BMRCL Bangalore

REPORTED BY: Ms. Pankaja H G

## Department of Chemistry

Organised a Workshop on **Advanced Materials and Application (AMA-2018)** on 14<sup>th</sup> Nov. 2018.



Dr. Shruthi. B presented a paper entitled **Structural And Electrochemical Properties Of Sro Substituted Nickel Hydroxide Electrode** in an *International Symposium on "Solid State Chemistry of Transition Metal Oxides during 30/11/2018 and 01/12/2018* organized by Jawaharlal Nehru Centre for Advanced Scientific Research(JNCASR), Bangalore

Dr. Shruthi. B Attended a Winter School on **Frontiers in Materials Science** 3/12/2018 to 7/12/2018 Organized by Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Bangalore



## Department of Telecommunication & Engineering

Organized a One Day Seminar on **Higher / Abroad/ International Education** - 25th Sep. 2018 for V and VII Sem.



Student forum named **Telecommunication Technical Forum** Organized a One Day Technical Seminar under on **Image Beyond MegaPixels** on 27th Oct. 2018 Speaker : *Narasimha Kaushik N, Senior Research Engineer, Ricoh Innovations Bangalore,*



Dr B Sivakumar, participated in **BRIDGE 2018** organized by ICT Academy held on 26th September 2018 Bangalore.

Ms. P.C Shruthi & Mr. Aravinda H.L, participated FDP on **Remote Learning and MOOC & Scilab** during 3rd to 5th October 2018, organized ins Dr. AIT

Dr. V Chandrakala, participated in workshop on “**Awareness of SAR filling for Accreditation**”, from 22nd to 23rd October 2018, Dr. AIT.

Ms. P.C Shruthi & Mr. Praveen K. B., participated in SDP on **Developing Fluency in Handling Popular Academic Software Tools**, during 27th to 29th September 2018, Dr. AIT



## Department of Medical Electronics

### Technical Talk

**Patient Safety & Calibration of Medical Equipments** 17.11.2018 by

Mr. Rizwan Khan, CTO Transcaal India Pvt. Ltd Bangalore

The above topic is an industry oriented academic topic of most relevance. The resource person is an Alumnus of the department.

### Staff Development Programme

Developing Fluency in Handling Popular Academic Software Tools during 27/9/2018 to 29/9/2018

This programme was organized to train the lab faculty of Dr.AIT on major academic software tools like MATLAB and Keil. About 30 staff had attended the programme. The faculty of the Medical Electronics department had handled all the sessions in the programme and lab manuals were distributed to make the understanding easier.

### Workshop

Introduction to IOT & Healthcare Applications on 25<sup>th</sup> -27<sup>th</sup> October 2018 By

Crimson Technovations, Hyderabad

The workshop helped the students understand the framework of IOT architecture as they built applications and controlled it through their mobile phones. They understood all the components that constitute the IOT architecture and set their interest in developing advanced applications in the field.

### Industry Visit

SKANRAY Mysore 24/11/2018

The company is one of the major medical equipment manufacturers in India. Their major products are XRAY machines of all ranges and they are also into patient monitoring systems. The visit was a very good opportunity for the students and the faculty to learn about the latest developments in the medical technology.

### Student Activities

Prakruthi Harish & Shubhashree of final year won first place in National Level Technical Symposium SYNC-CARDIAE organized at ACS College of Engineering on 29<sup>th</sup> October 2018.



Technical Talk on Patient Safety



Dr. AP Manjuthatha Associate Professor, was awarded with PhD Degree by JNTU Ananthapur for his theses titled **Early Detection of Breast Cancer Using Mammogram Analysis** in Nov. 2018



### Staff Development Programme



### IOT & Healthcare



## Department of MBA

### Fresher's Day

**Ice Breaking Session** on 16<sup>th</sup> October 2018

### Management Development Programme

on **Sustainable Business Solutions For Growth & Prospects** 30<sup>th</sup> October 2018.

### Workshop

**Tally ERP 9 GST Version** on 18<sup>th</sup> & 21<sup>st</sup> November 2018 by Kayaka Computer Education Pvt.ltd., Bangalore.

### Faculty Development Programme

**Fecultix -The Art of Creative Teaching** on 14<sup>th</sup> December 2018



### **UNIBIC INDUSTRY VISIT**



REPORTED BY: S Kavitha

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## Department of Electronics & Instrumentation Engineering

**Finishing school on Design and Development of IOT based Embedded System using Raspberry Pi during 25-09-2018 to 29-09-2018 in Association with Loginware Softtech Ltd Hassan.**

**The students implemented real time applications using Raspberry Pi. And the students demonstrated the same projects during the valedictory function to the guests of the function Hon-ourable Secretary Sri A R Krishnamurthy , Principal Dr. C Nanjunda Swamy, Dean Academic Dr. MN Hegde in the presence of Head of the Department Dr. M Meenakshi. All the faculty members of the department were also present.**



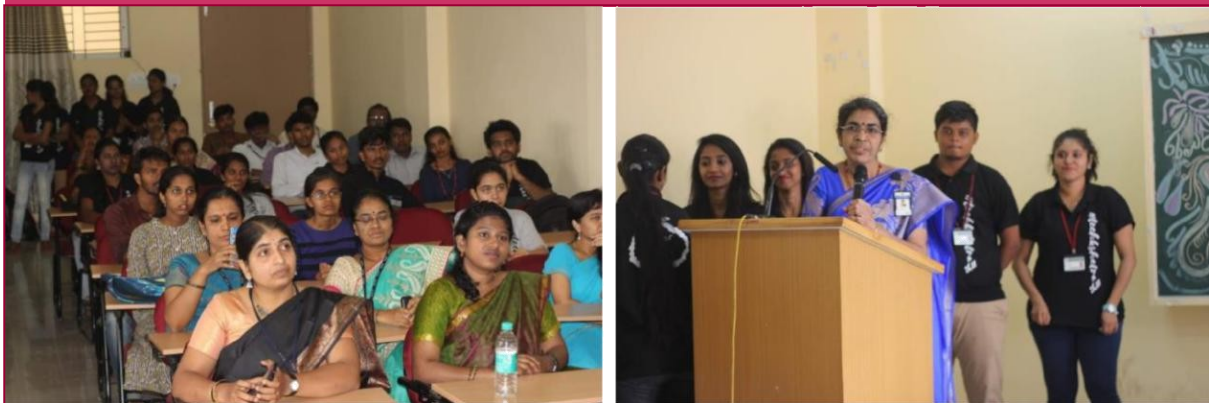
## TECHKSHETRA 2k18

TECHKSHETRA 2k18 had a grand opening on 5<sup>th</sup>, October 2018. A very warm welcome was extended to one and all. .

The program began on a positive note with lighting of the lamp by the Head of the Department Dr. M Meenaksi, which was followed by an invocation song and a dance by the students. The HOD addressed the gathering and also enlightened them on the past editions of the Technical Festival **TECHKSHETRA** of the the department. The program proceeded with the presentation of a project done by a team of students under the theme of energy conservation.

Various programmes that marked the TECHKSHETRA 2K18 were:

- \* Techno Dark
- \* Pubg
- \* Short Boundary
- \* Treasure Hunt
- \* CSI



Dr. Ganpathi V Sagar was awarded with PhD Degree from the University Of Bangalore for his thesis titled **Efficient Algorithms Using Face and Iris Biometrics**



## Alumni Meet 2018

The Annual Alumni Meet for the year 2018 was hosted on Saturday Dec. 8<sup>th</sup>. The event was attended by nearly 400 Alumni. The Alumni were received by the department faculty with a welcome Rose and a memento to hold on. Sri Y Sreenivasa Rao and Shruthi Sinha were the Alumni guests of the honour.

Honourable Trustee Sri S Shivamallu presided over the function and Dr. M Mahadeva had graced the occasion. The Principal Dr. C Nanjunda Swamy welcomed the alumni while briefing out on the journey of the Dr. AIT.

It was a joyous occasion for all, as the memories unfolded right from the Alumni of first batch of graduates to the youngsters. Sri Y Sreenivasa Rao the first batch Alumni, reminisced the memories of the first Principal of Dr. AIT Mr. Dwarakanath and he thanked AIT for making him a successful engineer.

Scores of Alumni came out on the dais and expressed their happiness being back and the faculty and Management noted with satisfaction the growth of their dear students. Mr. Ram Prasad Reddy had the audience in splits when he said the one thing he learnt for sure was Kannada and makes it a point to speak to his friends only in Kannada. Mr. Balamurugan a senior Alumni expressed that Dr. AIT had given him confidence that helped him travel all over the world. He thanked the founder Trustee Sri Jayaprakash Narayan as he combined charity and education, he also recalled that he had met him in person.

Most of the Alumni who had reached the zenith of their

career were willing to mentor the students.

Dr. M Mahadeva expressed the view that we need to thrust this event even more and strengthen the Alumni Association. And the Alumni should partner with the institute in its development.

Sri S Shivamallu in the presidential address said that the relation between the Alumni and the Alma mater is like the one between the father and son and the mother and child. And the Alumni will always be referred as products of Dr. AIT. The relation has to foster the growth of each other we should get connected in more number. And he also conveyed the message and gave the names of the institutes which have been recognized today because of the alumni.

Dean Academic Dr. M Meenakshi thanked all the participants, the faculty and management for the successful conduct of the event.

The alumni interaction continued through the photo session and the grand lunch.

Alumni Meet-2018







**EDITORIAL :**

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

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