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-Dec. 2020

Our Vision

To create Dynamic, Resourceful, Adept and Innovative Technical professionals to meet global challenges
Dr. Ambedkar Institute of Technology was established in the year 1980 by Late Sri M.H. Jayaprakash Narayan, Ex-MLA, Ex-Syndicate / Senate Member of Bangalore University and Founder Managing Trustee of PVP Welfare Trust and Secretary of Dr. Ambedkar Institute of Technology, was a visionary and an educationist. He was a strong follower of the principles of Bharatha Ratna Dr. B.R. Ambedkar, he came from a very humble background. He fought relentlessly for the upliftment of the downtrodden. He believed that education is the main path for the emancipation of the oppressed classes and started a number of educational institutions to cater to all levels of education in Bengaluru.
Visionaries of Panchajanya Vidya Peetha Welfare Trust

Sri S. Mariswamy. IPS
Chairman, PVPWT
Director General of Police (Rtd.) GoK

Dr. M Mahadeva Ph D
Managing Trustee/ Secretary, PVPWT
Former Faculty, ISEC
Ex-Chairman, KPSC GoK

Sri S Shivamallu B E, FIE
Treasurer, PVPWT
Director KPTCL (Rtd.), GoK

Sri P L Nanjundaswamy B E, M S (USA)
Trustee, PVPWT
Secretary, Irrigation Dept. (Rtd.), GoK

Sri A R Krishnamurthy
B A, PG Dip. in Journalism.
Trustee, PVPWT
Ex- MLA/Ex–Chairman Dr. BRADC (Cabinet Rank) GoK

Dr. B N Umesh M Tech. PhD
Trustee, PVPWT
Greetings to all the readers!

The whole world is embracing the year 2021 with hopes and with renewed strength as never before. Let the ray of hope shine on everyone's life. The family of Dr. AIT did brave the pandemic and sailed through the ordeal with less hiccups. The faculty and students took well with the online classes & virtual labs through various online platforms. The high class ICT infrastructure in place in the institute, the teaching & the fair evaluation procedure could meet up with the academic vigour and the standard. The online activities such as e-conferences, webinars and the AICTE sponsored faculty development programmes went unabated in the institute. This Newsletter stands testimony to that. The institute does also focus on placement training and GATE coaching, to establish a secure future for our students.

Best Wishes and a Very Happy New Year to All!

Warm Regards

Dr. C Nanjundaswamy

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.
Founder’s Day Dec. 21

Honourable trustees, chairman Sri. S Mariswamy, secretary Dr. M Mahadeva, treasurer Sri S Shivamallu, Sri AR Krishnamurthy and Sri Dr. B N Umesh joined by Principal Dr. C Nanjundaswamy, Deans and all the faculty members paid their respect to the founder Sri. MH Jayaprakash Narayan at the sacred samadhi of JPN.
Induction Programme II for I Year students (2019-20 batch) during 27.01.2020 to 01.02.2020
Principal Dr. C Nanjundaswamy, welcomed the first year students and addressed them about the college and the facilities. Dr. Siddarju Dean (Academic), gave a clear picture about the academic autonomous, CBCS and the regulations of the institute. Dean (Exams)- Dr. G Rajendra explained about the examination system in place in the institute. The students were provided with all the required information about the institute, the autonomous system and the examinations through the above sessions.

The students were also given points to ponder over on:

- Benefits of the memberships of Professional Societies- Dr. Shanthi K J HOD, ML
- Language Proficiency in UG Education- Dr. T R Shashipriya HOD, HSS
- Creative practices- in UG Education – Dr. Yamuna Devi- HOD, ETE
- Professional Ethics – Somalatha B Faculty, HSS
- Outcome Based Education – Dr. Meenakshi N- HOD, EIE
- On Human Values & Professional Ethics – Dr. Nandini Prasad-Professor, ISE
- Apart from these students were familiarized with all UG and PG departments, Library, Yoga-Importance of Health, Sports & Games-Importance, words of an Alumnus from Medical Electronics Chaitanya Mohan, about the institution, Cultural activities and the Startup and Entrepreneur Cell.

The contribution of the all the chosen professors and faculty of all UG and PG departments of the institution to the induction program was praise worthy and commendable. Students were also acquainted with the whole college virtually through the videos presented to them on the various blocks that housed all the departments.

A language proficiency test was conducted to test their English Knowledge and many scored well. Student’s talent was also exhibited online with their sketches, arts like dance, singing etc. to recognize their talent.

Reported by the Induction Programme Co-ordinator Dr. Shashipriya, HOD, Humanities Department

Dr. Mary Cherian, **The Challenges In Virtual Machine Live Migration And Resource Management** International Journal of Engineering Research & Technology (IJERT), Vol. 8, Issue 11, August 2020, ISSN: 2278-0181

Dr. Mary Cherian, **Driver Drowsiness Detection Facial Images And Heart Monitoring System Based On ECG Signal** Journal of Emerging Technologies and Innovative Research (JETIR), volume 7, Issue 8, August 2020, ISSN 2349-5162.

Dr. Mary Cherian, **Lung And Pancreatic Tumor Characterization In The Deep Learning Era**, Wutan Huatan Jisuan Jishu, Volume 16, Issue 11 (XI), November 2020

**Dr. Gowrishankar S, Deep Learning Based Approach For Skin Burn Detection With Multi-Level Classification**, Springer Sponsored Fourth International Conference on Computing and Network Communications (CoCoNet'20), Vellore Institute of Technology, Chennai, India, October 14-17, 2020

**Dr. Smitha Shekar, Iot Based Heart And Face Function Monitoring For Heart Disease Prediction System With Doctors Prescriptions**, International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN:2349-5162, Vol.7, Issue 8, page no.1074-1078, August-2020


**Dr. Harish G , Dr. Smitha Shekar , A Prediction Model For Crop Cultivation And Fertilizers Requirement For Improved Yield**, Vol-7, Issue 4, Oct 2020, IJRAR,


**Mrs. VINUTHA.H, A New Ensemble Of Texture Descriptors Based On Local Appearance-Based Methods For Face Anti-Spoofing System**, Journal Of Critical Reviews , 07-06-2020

Ms. Asharani K P, Realtime Eye Tracking For Password Authentication, Volume 09, Issue 10 (October 2020), IJERTV9IS100109, ISSN (Online) : 2278-0181.


Mr. Ravikumar J, A Framework For Named Entity Recognition Of Clinical Data, Indonesian Jounal of Electrical Engineering and Computer Science Vol. 18, No. 2, May 2020, pp. 946~952, ISSN: 2502-4752,

Mr. Revanasiddappa, Real Time Early Detection Of Weed Plants In Pulse Crop Field Using Drone With IoT, International Journal of Agricultural Technology, Association of Agricultural Technology in Southeast Asia (AATSEA), Sep-2020

Mrs. Mamatha S K, Graph Cut Based Brain Network Structure And Brain MRI Segmentation Techniques, Vol 8, Issue 6, IJRET, March 2020

Lecturers/Talk Delivered outside


Dr.Nandini. N delivered a Technical Talk on “IoT Application” at Government Polytechnic, Chinthamani, Chikkaballapur District, Karnataka on Feb 2020

Dr.Nandini. N delivered a Technical Talk on “IoT Application” at Noorul University, Kumbakonam, Tamilnadu on 28th Feb 2020.
WEBINARS ORGANISED


5. “**Future of digitalization and AI in industry**” which was presented by Mr.Steven Balding, Head of Digitalization for Siemens Ganesa Hull, UK , Deep learning engineer, Optalysis, Reasearch Assistant from the University of Hull, UK on 19-06-2020.


7. “**Computer Networking through Qualnet Simulator – A Practical Approach**” by Mr. Rajesh Bhandary and Mr. Rohan Mohan Jadagouda representative of Nihon Communications on 07-03-2020.

8. “**How to think like an Entrepreneur?**” by Mr. Shan Ibrahmi, Deployment Engineer, HP on 01-02-2020.


10. “**Geo-Spatial and Applications**” by Dr. UnniKrishanan, ISRO on 15-02-2020.


13. “**Artificial Intelligence - Opportunities and Challenges**” by Mr. Saurabh Tiwari, Principal Engineer, AI Products Group, Intel Corporation on 03-07-2020.


16. “**Blockchain and it’s Applications**” by Dr. Narendran Rajagopalan, Professor & Head, Dept. of CSE, NIT Puducherry on 14-07-2020.


Industry visit

Industrial Visit to National Institute of Oceanography, T Dona Paula, Goa 13/03/2020 to 15/03/2020.

NIO is one among the top research organisation, with a vast campus at Dona Paula, Goa. NIO is an autonomous research organization in India to undertake scientific research and studies of special oceanographic features of the Northern Indian Ocean. The major outcomes from this visit include, learning about their current research, Technology that is being used for Marine studies, various methods that have been adapted for collection of different types of ocean data, processing and analytical methods applied.

Websites: Corona virus Covid-19 tracker https://covid19india19.netlify.app/ developed by Deepak Singh

Projects

Ms. Brunda R N, Ms. Hemalatha N K, Ms. Prakruthi G S, Ms. Ananya K worked on the project “RUBBISHOW – Garbage Area Estimation & Detection using Augmented Reality & Deep Learning” under the guidance of Dr. SN Omkar, in AFS Lab at IISc, Bengaluru from 06/01/2020 to 22/06/2020

NPTEL Certificates: Students are obtaining NPTEL certificates in subjects of their interest
1. **Trespasser’s Detection System for Agriculture fields using Artificial Intelligence &amp; Methods** there of by Ms. Vinutha H Assistant Professor

2. **Machine Learning Based Intelligent Automatic Water Tank Cleaning Robot For Home** Ms. Tejeswini K Assistant Professor

3. **Air Quality Monitoring and Controlling Deice using IoT** Mr. Ravikumar J Assistant Professor

**Consultancy**

**Work entitled “Digital Marketing”** during the period 01, Oct. 2020 to 30, Nov. 2020,
By Ms. Tejeswini K Assistant Professor

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**Niranthara**

Niranthara is a Computer Literacy Program for rural students initiated by the department, under which school students were trained for basic computer knowledge. This program is designed mainly to provide the computer knowledge, both hardware and software, which can be a Computer Literacy Program at Rural School.

The CSE team visited Govt. High School, Hebbakodi, Thumbenahalli, Ramanagar District to give an exposure on computer literacy to 75 students on 17th Feb, 2020. The Head Master Mr. Narayana and staff of the school gave a warm welcome to all the team members of “Niranthara”. Dr. Siddaraju, HOD, addressed the gathering and gave a motivating speech to the students. Ms. Asha K N took a class on basics of computers, its working and the parts of computer. On 18th Feb, 2020, sessions were delivered on basics of MS Excel and MS PowerPoint with the hands on experience. The students were also introduced to the concepts of IoT by Prof. Siddaraju. The team members were Ms. Asha Rani K P, Ms. Lavanya Santhosh, Mr. Chikkamuniyaappa and Mr. Sathish
Teamwork makes the Dreamwork. This is the objective of introduction of technical clubs in CSE department. Organised by coordinator of CSE, CSI and student coordinators of CSI under the leadership of the HOD CSE, Dr. Siddaraju.

The CSE clubs consisting of Coding Club, Data Science and Machine Learning Club, Web development Club and App development Club were inaugurated in the presence of our respected Principal Dr. C. Najundaswamy, HOD Dr. Siddaraju, speaker Dr Sri Ram K Vasudevan, guest of honour Surendra Prasad Babu, distinguished trustees, honourable chairman Mariswamy, IPS, honourable Secretary Dr. M Mahadeva, our treasures Sri Shivamallu, our distinguished founder trustee P L Nanjundaswamy, Sri A R Krishnamurty, Dr B Umesh and the alumni.

Keynote speaker, Dr. Shriram K.V. expressed his delight in attending many online sessions which he wouldn’t do in normal circumstances. He continued to express his thoughts by mentioning that innovations need not be complex and expensive. Whereas, it could be anything simple and efficient that can help people with day to day activities. He encouraged all students to understand the importance of finding the solutions and not just coding. He spoke on how to innovate. He also mentioned that innovations don’t happen overnight and happen after pondering over a topic for a long enough time and through a lot of perseverance.

Reporter: Ms. Lavanya Santhosh
Workshop Organised

Temporary Structures on
Feb. 2020 Organised by Dr. MN Hegde

Publications

- Goutham HM, Hemanth Kumar S, Akash S, Karan Mahabal Shetti, Supritha R.M, Rain Water Harvesting- A Case Study in Dr.AIT Campus IRJET Vol. 7 Issue 9/Sept 2020

WEBINAR ORGANISED

CLIMATIC RESILIENCE & CARBON FOOT PRINT MITIGATION on 29.07.2020
INNOVATIVE BUILDING MATERIALS” on 06-08-2020, Speaker: Dr. R Nagendra, Senior Director STEDRANT Techno Clinic Pvt. Ltd, B’lore.
TOTAL QUALITY MANAGEMENT on 29-09-2020. Speaker: Sri Guru Prasad H.C Associate professor, Civil Department, CMRIT B’lore.
ADVANCED BIOLOGICAL WASTE WATER TREATMENT TECHNOLOGIES on 21.09.2020
IMPORTANCE OF FORMWORK & SCAFFOLDING IN CONSTRUCTION on 16-12-2020 Speaker: Sri. Nagesh Puttaswamy, Zonal Head WT & RMDT South India Ultra Tech Cement ltd.
Congrats

Srushti Ithal, Secured 9th Rank in MBA

INDUSTRIAL VISIT

Reported by Ms. Supritha
Publications


- Sathish S, Mohan kumar B Studies On Glass Fiber Reinforced Polymer Composites At Different Curing Temperatures, A journal of composition theory, ISSN 0731-6755.

- H M Somshekar Effect Of Nanofillers On Abrasion Resistance Of Carbon Fiber Reinforced Phenolic Friction Composites, Materials science and applications (Scientific research publishing), ISSN 2153-1188.


- H S Manjunath, Dr Sathish S, Sharath kumar S N Fatigue And Static Thermal Analysis Of Brake Disc For SAE Based Cars, International Research Journal Of Engineering And Technology, ISSN:2395-0056
Industrial Visits

* Gerusoppa Power house on 31/01/20
* VARAHI Underground Power house on 30/1/20
* IMTEX – 2020 27/01/20
* SAN Engineering and Locomotive Co LTD 10/1/20
* Federal Mogul Power train Division 4/01/20

Webinars Organised

* Fundamentals of Rotor Dynamics on 7/12/2020
* Rotor Dynamics for Turbo Machine Requirements on 14/12/2020
* Basics of Rotor Dynamics on 26/12/2020
* Machine Learning & Its Application on 1/8/2020
* How to Crack Top Placements, Higher Education, Top Rated Placements on 19/11/2020

Reported by Pavan Tejasvi
Dr. S Vasudevamurthy, Pankaja H G, Chandrashekar Silli, Mallikarjuna, Ramesh Kumar K S, Suneel **Simulation Studies on Di-Electric Parameters of Insulating Oils in Transformers** 1st International Conference on Recent Trends & Development in Information and Communication Engineering on May 23rd October– 2020 (ICRTDIC-2020) Dr. AIT Bengaluru page No 238-246

H V Govinda Raju and Shree Varsha **Standalone SCIG Based Wind Energy Conversion System Based on Internal Voltage Motion Equation with Four-Level Nested NPC Converters** 2020, Date of Publication: 08-07-2020. Journal of Emerging Technologies and Innovative Research (JETIR), factor, Vol. 7 issue 7, July ISSN


Dr. S Vasudevamurthy, Deepti S Shastrimath, Lakshman, Tushar T swamy, Adish H S, Said Aqib **Dissolved Gas Analysis on Transformer Oil** 1st International Conference on Recent Trends & Development in Information and Communication Engineering on May 23rd October– 2020 (ICRTDIC-2020) Dr. AIT Bengaluru page No 238-246


Dr. S Vasudevanurthy Development of Graphene Oxide based Non-Edible Cottonseed Nanofluids for Power Transformers Materials (MDPI), Switzerland. Materials 2020, Vol. 13 Issue 11, Article No.2569 1996-1944 Materials 2020, 13(11), 2569 Published on 04/06/2020

Mukundswamy S Lineman Safety International Research Journal of Engineering and Technology Vol 8

Mukundswamy S Design and Simulation of Closed Loop DC/DC Synchronous SEPIC Converter using PID Feedback Controller International Research Journal of Engineering and Technology Vol 8

Archan., Sri latha, Suma., Shivaranjini B.C, Dr. Shankaralingappa C B5 Mathematical Model Of H-Type Darrieus Vertical Axis Wind Turbine 2020 JETIR August 2020, Volume 7, Issue 8, ISSN:2349-5162


INDUSTRIAL VISITS

- UG students Sharavathi Hydro Power Plant, Linganamakki Dam and Power Plant, National Institute of Oceanography on 22nd – 27th Feb 2020
- UG students Varahi Hydro power plant, on 14-03-2020. UG IV
- PG students “JVS Electronics”, 10 March, 2020, PG I & II year students (Power Electronics)
TALKS DELIVERED OUTSIDE
By Dr. Shankaralingappa C B

♦ Distributed Generation and it’s Optimization: at Sir. M. Visvesvaraya Institute of Technology for the AICTCE sponsored FDP on 10/12/2020.

♦ Intelligent Algorithms for Distributed Generation: Webinar at JNNC Shivamogga on 27.08.2020

♦ Future Energy Trends and Its impact: IEEE sponsored Webinar at SJBIT EEE Department Bangalore on 28.08.2020

DR. S Vasudevanurthy
A process to extract Liquid Dielectric Coolant from Rice Bran Oil filed on 14/08/2015 4250/CHE/2015 CBR No.17273 on 24-11-2020 Granted Patent No. 352034

A process to extract Liquid Dielectric Coolant from sesame seed Oil" 4250/CHE/2015 CBR No.17273 filed on 14/08/2015 , Granted Patent No.351971 on 23-11-2020

PATENTS GRANTED

Reported by Pankaja HG
Publications

♦ Vidya Honguntikar, Kavya K, Shruthi P C  
  **High Accuracy QRS Peak Detection For Fetal Movement Monitoring System Using IOT**  

♦ Chandrakala V. K  
  **A Unified Framework To Integrate Artificial Intelligence Into 5G Networks Using Slicing**  

♦ Chandrakala V. K  
  **Intelligent Slicing: A Synthesized Frame Work to Integrate Artificial Intelligence into 5G Networks**  

♦ Lakshmi M and Prashanth C R,  

♦ Lakshmi M and Prashanth C R,  
  **Designing an Energy Efficient Clustering in Heterogeneous Wireless Sensor Networks**  
  International Journal of Computer Networks and Communications, 2020. (Accepted for publication)

♦ Dr.B Sivakumar, Praveen K.B,  
  **Design of Enhanced RTP-RTCP Protocols for Heterogeneous Wireless Ad-hoc Networks to Enhance Channel Coverage and Capacity**  

♦ Dr.B Sivakumar  
  **Capacity and Coverage for improvement of Homogeneous Cellular Network using Femto Cells**  

♦ Dr.B Sivakumar  
  **Clustering and Data Aggregation in Wireless Sensor Networks (5G/B5G) Using Machine Learning Algorithms**  

♦ Dr.B Sivakumar  
  **Analysis of Leaf Diseases Using Multi Support Vector Machine for Smart Agriculture**  
  AICTE Sponsored International Conference on Recent Trends & Development in Information and Communication Engineering (ICRTDIC-2020) on 23rd October 2020

♦ Dr.B Sivakumar  
  **Weather Monitoring And Forecasting System Using Iot**  
**Webinars Organised**

*Webinar On Science Of Sound – A Glance At Audio Technology* by Glenn Ebenzer, Audio Engineer and Acoustic Design Consultant, Ebenzer Recording House on 17\textsuperscript{th} July 2020

*An Idea Exchange With Alumnus* with Dr. Abhijith Ambekar was held on 11.05.2020

**e-conference Organised**

*Recent Trends & Development in Information and Communication Engineering (ICRTDIC-2020)* on 23\textsuperscript{rd} October 2020 AICTE Sponsored 1\textsuperscript{st} International E-conference

**Technical Event Organised**

Technovate – a Technical event-TTF by the students of TCE was conducted on 12\textsuperscript{th} March, 2020

**Talks Delivered**

Dr. Prashanth C.R : *Writing Course Outcomes Based on OBE* on 9\textsuperscript{th} & 27\textsuperscript{th} July 2020 at Sharanabasava University, Gulbarga & Dr.AIT

Vidya H. was Conferred with Ph.D. degree from VTU in the area *Wireless Sensor Networks* on February 08\textsuperscript{th} 2020.

Reported by : Ms Sudha Thimmaiah

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*Spring Colours at Dr.AIT*
Role of Smart Sensors in Industry 4.0  5th September 2020
The speaker started with introducing the current trends in Industry and what is Industry 4.0 and the role instrumentation in IOT, Artificial Intelligence. Then he discussed about how to solve complex engineering problems using the concepts like big data analytics, deep learning, cloud computing etc. and also spoke about the students preparedness to face the challenging corporate sector.

Network Analysis using MULTISIM  10th September 2020
Speaker taught the participants about realization of electronic circuits using the tool of National Instruments called MULTISIM

Machine Learning Approaches for Image Analysis  19-09-2020
Speaker: Dr. Cyril Prasanna Raj, Dean R&D, MSCE, Bangalore
The speaker began with an introduction to machine learning, basic mathematics involved in building machine learning techniques. He also touched upon image processing techniques such as filtering, wavelet transforms, image compression, and segmentation, feature extraction techniques etc. and also shared his research experience and ended with demonstration on one of the image processing application.

Webinar Series organized under AICTE-Margdarshan Scheme for Mentee Institutions

Webinar-1: Online Teaching and Learning  18/09/2020
By Dr. N.J Rao, Rtd. Professor, IISC, Bengaluru
Objective: To demonstrate the benefit of Online teaching in current scenario using advanced tools and platforms for online teaching. The speaker began with an introduction to why online teaching is so important in current situation. He also touched upon different tools available freely for online teaching.

Webinar-2: Communication beyond Content  25/09/2020
By Dr. K. RajaniKanth, Former Adviser, Ramaiah Institute of technology, Bengaluru
Objective: To demonstrate the benefit of communication in current scenario using advanced tools and platforms. The speaker delivered a talk on why communication is so important in current situation. Webinar session was well received and well appreciated by all participants.
Webinar-3: Outcome Based Education and Accreditation Criteria  10/10/2020

By Dr. C. Nanjundaswamy, Principal, Dr. Ambedkar Institute of Technology, Bengaluru.

The session on Outcome Based Education and Accreditation Criteria towards achieving NBA and importance for any engineering institutions. The program was started with an objective to train the participants to understand importance of outcome education in higher education. Webinar session was well received and well appreciated by all participants.

STANDING ON SHOULDERS OF MATHEMATICAL GIANTS  10th October 2020

Speaker: Mr. Abhinav A. Kalamdani, CEO, Synedyne Systems, Bangalore

The webinar was based on case studies in the field of Control systems.

Case study 1: Thermo-vacuum chamber for spacecraft testing.

Case study 2: Life support system (LSS) in a submarine.

Case study 3: Rigid body kinematics and finally told about the medical robot called Technological wonder.
AICTE sponsored Short Term Training Program conducted in three phases:

STTP 1: 23rd to 28th November 2020
STTP 2: 7th to 12th December 2020
STTP 3: 4th to 9th January 2021

Title: Pedagogy for Effective use of ICT in Engineering Education

Resource Persons: Prof. N.J. Rao, Prof. K. Rajanikanth, Ms. Vani Shastry, and Ms. Sudha Aithal
Dr. Aditi Arur

The role of ICT in education is becoming more important, and its importance will continue to grow in the future. The use of ICT can facilitate pedagogically, superior instructional methods that can significantly enhance students' active participation in the classroom. Many of the technologies have been evolving over the past two decades. The AICTE and UGC have been urging all educational institutions to use these educational technologies in the classrooms. Unfortunately, their use continues to remain very limited. The pandemic forced the entire country to move into a new normal. In the immediate future, all teaching-learning processes need to be conducted online. In post-COVID situations, ICT tools can be used to make the teaching-learning activities more effective, engaging, and efficient. This online workshop's main aim is to make participating teachers experience online instruction and explore some ICT tools for education for the courses they teach.

The effective use of ICT tools requires the systematic design of courses and familiarity with the tools that can enhance communication between the teacher and students and even reduce the teacher's burden. The workshop will present the design of courses, including the design of assessments in alignment with outcomes, ICT tools for active-learning and collaboration, and assessment. It also explores the advantages of blended learning, including a flipped classroom.

Publication


Yashaswini R, Mohith Prajwal M, Nesar H, Aishwarya D N, Campus Navigation using Augmented Reality, IJETRM, Volume 4, issue 8, August 2020
Publications


WORKSHOP ORGANIZED

Importance of Vacuum & Cryogenic in Basic Science Research: Organised under the ISTE Banner on and the speakers were Mr. Sanjay, Quantum Design, Mumbai and Mr. Manikanta, HP, Bangalore
Webinars Organised

- SCI paper & Research Proposal Writing, 14th August 2020, Speaker: Dr. Ramprabu, DRDO-Bangalore
- International Webinar on Impact Behaviour of FRPs, 19th August 2020, Dr. B. ShivaMurthy, Manipal University, Dubai.
- Strategies for Writing Research Papers in Top Indexed Journals, 12th December, 2020, Dr. B. ShivaMurthy, Manipal University, Dubai
- Learning Creative Thinking as a Skill, 24th October 2020, Dr. Shruti Patil, Symbiosis International University, Pune
- Residual Stress Affecting the Structural Integrity of Industrial Components, 10th October 2020, Dr. P. Sampathkumaran, Ex-Joint Director & Head, Materials Technology Division-Central Power Research Institute Bangalore
- Recent Trends on Industrial Automation & Robotics 26th September 2020, Dr. Sachith.T.S, Dept. of Mechanical Engineering, Symbiosis International University, Pune
- Latest Trends on Supply Chain Analytics in Industry, 12th September 2020, Mr. Pritam Hombal, CAPEGEMINI-Bangalore
- Industry 4.0 Fundamentals and Growth in Manufacturing Industry, 19th September 2020, Dr. SatishKumar, Dept. of Mechanical Engineering, Symbiosis International University, Pune
- Wolfram Mathematica: An Overview, 10th July, 2020, Dr. Aravind Hanasoge, Wolfram Alpha LLC, Mr. Darshan Puttaraju, GT Enterprises

Industry Visits

Sharavathy Power Plant 27th-29th Feb. 2020
Two PhDs were awarded under the guidance of Dr N Mohan in the Dept. R&D Centre.

Reported by: Dr. Rajeshwari Papanna
Department of Electronics & Communication Engg.

Publication:


- Mahalinga V Mandi *Performance Evaluation Of Chaotic Spreading Codes In Massive MIMO OFDM System*, Indian Journal of Science and Technology 13(42), ISSN: 0974-6846 (Print), 0974-5645


- Uma Devi.H *DNA Micro-Chip Analysis And Image Processing To Optimize Genetic Expression* in the proceeding of AICTE Sponsored 1st INTERNATIONAL E-CONFERENCE (DIGITAL) ICRTDIC-2020, October 2020


- Harsha R Analysis Of Convolution Neural Networks For Rust Control In Building And Other Appearances, waffen-und kostumkunde Journal, Volume XI, issue IV, Pp no 372 to 378, April 2020
- Swamy TN, Video And Image Acquisition Challenges To Define Image Resolution For HEVC. International Journal For Advancement Science And Technology, 958 -965, vol 5
DWT Based Feature Extraction for Iris Recognition, Dr Ramesh S, Dr Dr Mahlinga V Mandi, Dr Shivputra, Meenakshi L Rathod, Shwetha M, Harsha R, DR CHETAN S” Patent Granted Number: 2020102066

An Artificial Intelligence And IOT Based System For Monitoring And Detection Of Electricity Theft, HARSHA R, Granted Patent Number: 2020101562

Webinars Organized

- "Advances in IOT and its Application" by Dr. Sanjay Pande M B, Professor, Head Dept. of CSE, GMIT, Davangere and by Dr. Mounesh Achari S, Associate Professor, Dept. of CSE, GMIT, Davangere on 10/06/2020.
- "Verilog HDL and Opportunities in VLSI" by Mr. Raja Bandi, Founder and Director of Lucid VLSI on 16/06/2020.
- "Insights into Nanotechnology” by Dr. Vaibhav Meshram, M.Tech (IITB), Ph.D (BITS), Professor & Head, Department of ECE, Dayanand Sagar University (DSU).Bangalore, on 06/08/2020.
- “Research Trends In Nano Technology And Its Applications” by Dr. Shiva Hullavad, University of Alaska, USA on 13/08/2020.
- “Graduate Aptitude Test in Engineering (GATE) – Importance and Scope” by Dr. Ramesh S, Professor and Head, Dept. of ECE, Dr. AIT, Bangalore on 26/09/2020.
- "Stability through Nyquist Criterion" by Dr. S.Narayana Iyer, Adjunct Professor,NMAMIT, Ph.D(IITM) in control systems on 11/11/2020.
- “Role of Front End Design in VLSI” by Dr. Satish S Bhairannawar, Dean III (Industry Institute Interaction), Chairperson (CEIR Startup Incubations) & Professor (ECE) SDMCET, CEO Crofting Technologies and Visiting Facutly IIIT Dharwad on 12/11/2020.
- “GRE Test and Opportunities in Overseas Education” by Mr. Philip Thomas, T.I.M.E, Bangalore on 25/11/2020.
- “Advanced Energy Harvesting Techniques” by Dr. Kaushil Pal, Professor, Mechanical and Industrial Engineering, IIT, Roorkee on 11/12/2020.
Workshop Organised

National Level Five Days Virtual FDP on “Research Directions in Wireless Communication” From 17/08/2020 to 21/08/2020 TEQIP 3 and ISTE Dr.AIT chapter.

Short Term Training Program on “Image Processing System Generator and VLSI Chipscope Analyzer” during 24/8/20 to 28/8/20 ISTE, Dr.AIT student chapter

Insight into C language and its concepts Programming, on 03.08.2020 05.08.2020

TEQIP Assisted Student Training on Future Skill Technology

- Internet Of Things (IoT) July- September 2020
- Robotics and Automation July- September 2020
- Cyber Security Future Training July- September 2020

Lecture and Talk Delivered Outside

Cryptography and its Applications by Dr.S Ramesh at Knowledge Research Academy, Coimbatore on 5th September, 2020.

Dr.Tanuja Patgar speaker at The World of Wonderful Artificial Neural Network organized by Progression Alas on 26th and 27th September, 2020.


Reported By: Ms. Ripal Patel
Department of Information Science & Engineering

Publications


TALKS DELIVERED

- **Dr. M V Vijaykumar**  Faculty Development Programme on Artificial Intelligence, Machine Learning and Robotics during 6th to 10th July, 2020, at Vidyavardaka College of Engineering Mysore

- **Dr. B.S. Shylaja**  Data Security and Digital Forensics Opportunities and Challenges on 7th July 2020 at Auro University School of IT Surat

- **Dr. Nandini Prasad K S**  -Faculty Development Program Emerging Technologies in Advanced Computing on Six Sigma at EWIT, Bengaluru. on 29th August 2020
Webinars Organised

- Recent Trends in Engineering: Industry Perspective during 26th July to 30th July 2020
- How to Track Top Related Placements, Higher Education & Technical Profile Building on 19 November 2020
- Emerging Trends and Applications of Artificial Intelligence during 10th to 14th, August, 2020
- Deep Learning Models and Applications on 18th July 2020
- Applications of AI in Covid-19, on June 18th, 2020
- Open Source to Boost Your Career, December 12, 2020
- How to Track Top Related Placements, Higher Education & Technical Profile Building, November 19, 2020
- SETBACK to COMEBACK, September 22, 2020
- GRE Test Webinar & Insights to Overseas Education, September 11, 2020
- Data Science and Analytics July 20, 2020
- Introduction to Amazon Web Services June 1, 2020

Dr. B S Shylaja and Dr. Nandini Prasad K S have been on the Jury of SMART INDIA HACKATHON-2020 during 01/08 to 03/08, Organised by MHRD Innovation Cell, GoI

PATENTS

1. A System Method To Provide Efficient Recovery Of A Data Through An External USB NO Status: Published Applicant: Dr. M V Vijayakumar
2. A Single Assistive Device For Physically Challenged People - Deaf, Dumb and Blind Status: Published
   1. Applicant: Dr. B. S Shylaja, Pranam B S, Rahul Chavan, Dr. J. Anitha, Dr. Suma v, Dr. S Balmurghan.
   2. IOT Based Intelligent Shopping System Thereof NO: 202041047145; Applicant: Dr. B. S Shylaja, Satish B Basapur, Rahul Chavan, Dr. J. Anitha, Dr. S Balmurghan; Status: Published

Shilpa Biradar was awarded PhD from VTU on Feb. 2020, for her theses titled Reliable Routing of Neural Network Based Characterized Data in Wireless Body Sensor Network

CONGRATULATIONS
**Department of Medical Electronics**

**Publications**


**TALKS DELIVERED**

- Dr. Shanthi KJ **Brain Waves-EEG on 23/9/2020** at ATAL FDP on Wonderful World of Sensors
- Dr. D K Ravish : **Wavelet Transform for Medical Signals** on 7.01.2020 Kollam at FDP on Biomedical Instrumentation and Signal Processing, T.K.M. College of Engineering, Kerala , Kerala.
- Dr. D K Ravish : **Effective Heart Disease Detection Based On Quantitative Machine Learning Technique** on 13.3.2020 at Muthayammal Engineering College, Rasipuram, Tamilnadu
- Dr. DK Ravish: **Biosignal Processing Using Neural Network** 23.5.2020 at Muthayammal Engineering College, Rasipuram,
- Dr. DK Ravish: **Advanced Physiological Signal Processing & Modeling for Neural Networks** 25.6.2020 at Dr. M.G.R. Educational and R Research Institute, Chennai
- Dr. D K Ravish: **Introduction to Electrophysiology & Bioinstrumentation** on 5.10.2020 at Arasu Engineering College, Kumbakonam, Tamilnadu
Webinars Organised

- **Fetal Monitoring System**  Ms. Honey Joshi, Senior Trainer, Harvey Biomedicals, 27/5/2020
- **Familiarizing Biomedical Equipments**, Mr. Sumanth Bhat AD Instruments 3/6/2020
- **Career Options And Opportunities**, Mr. Renjith Philips, Pune, 10/6/2020
- **Coming out Stronger during Covid-19 Pandemic**, Mr. Avin Agarwal CEO. Cardioteck, Bangalore, 18/7/20
- **Developing Entrepreneurial Skill, Opportunities in Medical Electronics**, Dr. Bharath kumar Hegde, Autoyos, Bangalore, 26/12/20
- **Biomedical Applications of Additive Manufacturing**, Dr. Y Ravikumar, Associate Pro-

**PATENTS**

1. Vein Detector -Design Patent Granted June 2020
2. A Digital Dental Tape for Measuring the Occlusar Vertical Dimension of a Patient’s face:

Patent Published Dec. 2020 Joint Research with RajaRajeswari Dental College, Bengaluru

Dr. DK Ravish
Delivering Talk at
TKM College of Engineering Kollam, Kerala

Dr. DK Ravish
Delivering Talk at
MVJ College of Engineering Bengaluru
Hospital Internship
for 3rd year students at
BGS Institute of Medi-
cal Sciences & Hospitals
Bangalore during
6/1/2020 to 14/1/2020

Pooled Campus Placement for Biomedical Engineering students Feb. 3 rd & 4th 2020

This event was arranged by Force Biomedicals-Vishakapatnam, an association of biomedical engineers and organized by the department. The students from neighbouring states had also participated in the drive. Nearly 140 students had registered with 6 core companies participating for the drive.
Dr. Bharathi. S Development of a Model for Identification of Learning Standards in Distance Education using Data Mining and Meaningful Learning, Journal of Interdisciplinary Cycle Research, ISSN NO: 0022-1945 Volume XII, Issue III, March/2020 ,Page No:1394.


Mrs. Shobha Rani B R Presented papers at International Conference on Recent Trends and Development in Information and Communication Engineering"23 rd October 2020.

Real Time Object Detection with Deep Learning Techniques,

Real Time Helmet Detection for Riders Safety using Machine Learning

Dr. Indumathi S K presented a paper entitled Smart Fertigation for Assuring Sustainability in Floriculture Industry as a service for Industries National Conference on Machine Learning and National Environmental Research, 4th-5th September 2020.

Dr. Indumathi S K presented a paper entitled Design of a Smart Fertigation System for an Environmental Sustainable Rose Farming in 2nd International conference on ERIR’2020 on December-12.


Mrs. Shivaleela. Rethinking An Education With Extended Reality JETIR August 2020, Volume 7, Issue 8, 2020, ISSN-2349-5162

## Webinars Organized

- **National Educational Policy 2020** from 17.12.20 to 19.12.20.
- **Online Teaching And Learning Tools** from 22-24 July-2020
- **Stress Management For Current Scenario** 20th June 2020.
- **Realizing the Business Potential of SAP** 10th July-2020
- **International Panel Discussion on Empowering Positivity** 1st August-2020.
- **Cyber Security An Overview** on 15th July-2020.
- **Machine Learning using Pyhton** on 11th Jan 2020
- **V2X Technology An overview** on 15th August 2020

## Lectures & Talks Delivered

Dr. Manjunatha Rao, L Dr. Bharathi.S. & Ms. Shobharani were Speakers for Online Faculty Development program on **Online Teaching And Learning Tools**, on all 3 days from 22-24 July, 2020.

Dr. Bharathi S, **Artificial Intelligence - Ruling the Current World** on 8th May for UVCE, IEEE student Members, Karnataka.

Dr. Bharathi S, **Artificial Intelligence - Ruling the Current World** on 11th May at Dayanand Sagar College of Engineering, Bengaluru and at 5th May at UVCE, Bengaluru.

Dr. Bharathi S, **IOT and Applications**, at SJR College for Women on 15th Feb 2020.

Dr. Bharathi S, **Artificial intelligence: Transforming the Current World**, at Vivekananda Institute of Technology, Bengaluru. On 5-8-2020.

Dr. Bharathis S, **Artificial Intelligence & Current World** by Atal Bihari Foundation, Bilaspur, MP on 7-8-2020.

Dr. Indumathi S.K & Dr. Dharani were Moderator/Speaker for the International Panel Discussion on **Empowering Positivity** Organized on 1st of August-2020 at Dr. AIT.

## Reported by:

Dr. Dharani. N.V
Department of MBA

Publications:

- Dr. S. Baskaran *Corporate Social Responsibility in India: A Roadmap for Corporate Entities to Pay Back to the Society* organized by Dayananda Sagar College of Arts, Science And Commerce, Bangalore on 11th and 12th December 2020.

Lectures / Talks Delivered

Dr. S. Baskaran, FDP webinar: *Industrial Finance* during 15th to 24th July 2020 at Coimbatore Productive Council (CPC)

Dr. Susheela Devi B Devaru: *Entrepreneurship Development* on 23/04/2020 Channabasaveshwara Institute of Technology, Gubbi, Tumkur

Dr. Leela M H: *Educational Philosophy and Strategy to Meet needs of Industry 4.0*, A HEF-IBA Conference held on 17th January 2020 at Indus Business Academy, Bangalore.
Unibic Foods India Private Limited, Bengaluru on 04th January 2020

Featherlite Products Pvt. Ltd. Bangalore on 13th March 2020

Dr. Rajeshwari R R was awarded Ph.D for her thesis on Impact of Emotional Maturity on Stress and Self Confidence of Management Students in Bangalore Region from Bharathiar University, Coimbatore.
Webinars Organised

Dr. Balamurugan  Entrepreneurial Opportunities for MBA Graduates
How to Write Research Papers and Publish in International Journals on 9th July 2020.
Competitive Strategies for Business Sustainability  on 22nd July 2020.
Opportunities in Real Estate Industry  for Academicians and Business Aspirants  on 25th July 2020.
Retailing Landscape in FMCG Sector  on 16th October 2020.
Sensitisation of Employees on POSH Act  7th December, 2020.
Sculpting Yourself for Personal Development  29th September 2020
Dream a Startup – Discover, Dream, Design, Deliver  on 26th September 2020

CONGRATULATIONS

Dr. Rajeshwari R R was awarded Ph.D for her thesis on Impact of Emotional Maturity on Stress and Self Confidence of Management Students in Bangalore Region
From Bharathiar University,
Coimbatore.

Reported by: S. Kavitha
**Publications**

Dr. C.E. Nanjundappa,


Dr. R. Murali,


Dr. R. Murali, **Performance Evaluation Of Chaotic Spreading Codes in Massive MMO OFDM System**, Indian Journal of Science and Technology, Vol. 13(42), 2020, pp: 4374-4385.


Dr. B. Sooryanarayana

- **On the Upper Security Number Of A Graph**, Communications In Optimization Theory, 2020, Article ID 12.


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**Webinar Organized**

- Domination Energy in Graph on 11th September 2020.
- A Global Climate Modeling on 22nd September 2020.
- Fourier Series, Fourier Transforms and Wavelets on 10th September 2020.

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**Talks Delivered :**

Dr. B. Sooryanarayana

- **Entitled Locating Dominating Sets And Its Applications** on 27th Sept. 2020 at a webinar on Recent Trends And Applications Of Graph Theory at Government Degree College, Pithapuram, Andra Pradesh
- **Graph Theory Applications for Computer Science Engineering Students** on 10th October, 2020 at Sapthagiri College of Engineering Bengaluru
Dr. B. Sooryanarayana, Received RULA Research Leadership Award for the year 2020 under the category of "Innovative Researcher in Graph Theory" at a function held at Trichy on 26th January 2020

Padma M M, Awarded with Doctoral Degreee from VTU Belgavi on 8th February 2020 under the guidance of Dr. Jayalakshmi M

Sunitha Kulkarni Awarded with Doctoral Degree from VTU Belagavi On 8th February 2020 under the guidance of Dr. R Murali

Reported by: Dr. Jayalakshmi M
**Publications**

Dr. Jahagirdar. A. A, **MgTiO3:Dy3+ Nanophosphor: Its Structural Analysis And NUV Excited Photoluminescence Studies For Solid State Lighting Applications**. Elsevier, Sensor International VOLUME 7, ISSUE 8, 2020, ISSN: 0039-2049, 414-433

Dr. Jahagirdar. A. A, **La10Si6O27:Tb 3þ Nanomaterial; Its Photocatalytic And Electrochemical Sensor Activities On Disperse Orange And Fast Blue Dyes**, Elsevier B.V. on behalf of KeAi Communications Co., Ltd. Vol. 2 (2020) 100076


Dr. Shruthi. B **Structural, Dielectric and Magnetic Studies on Polyaniline-Decorated Structural, Dielectric and Magnetic Studies on Polyamine-Decorated Ni0.5Cu0.5Fe2O4 Nanoferrites for Electromagnetic Interference Shielding Applications**, SN Applied Sciences, Springer International Publishing, Volume 2, Issue 4, Pages 1-5, 2020

Dr. S. Soundeswaran, **Fabrication and Characterization of GFRP Composites by Using Twin Roll Technique**, Jour of Adv Research in Dynamical & Control Systems, Vol. 12, No. 1, 2020

Dr. S. Soundeswaran, **Survey on the Intelligibility of Dysarthric Speech**, Journal of Xidian University VOLUME 14, ISSUE 6, 2020 ISSN No:1001-2400

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**Webinars Organised**

- Advance Materials on Lithium ion Batteries on 18th November 2020

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Dr Bhagyalakshmi was awarded Ph.D. from VTU on 8th Feb 2020

Dr Bhagyalakshmi was awarded **Best Poster Award** for the Poster Paper titled **Synthesis Of Zn/Ca Mixed Ferrites From Waste Egg Shell As Source Of Calcium**

Publication


Padma S V  **P Lankeshara Kallu Karaguva Samaya Mathu Ithara Kathegalu**  Dravidian Language vis a vis Indian culture- A Literary Exploration

Somalatha B  **Social Media and Constitution**, International Journal of Science and Research Volume-9 issue 12, ISSN 2319-7064

Geetha H,  **ESA Methodology In ELT For Technical Education**,  International Journal Of English: Literature, Language & Skills Volume 8 Issue 4, January 2020 ISSN 2278-0742,

Prathiba D S  **DAY- Dad of a lonely Princess**, Research Scholar-An International Refereed e-Journal of Literary exploration ISSN 2320-6101, Volume 8 Issue 1, February 2020

Webinars Organized


Perspectives on Intellectual Property Rights , 25th November, 2020, Dr. V Sudesh, Professor, University of Law College, Bangalore University

Lectures/ Talks Delivered

Geetha H: Grammar and Vocabulary , 01 Dec, 2020 at Sri Gangadhareshwar High School

Value Based Education and Awareness Program at Government Primary School, Thamasandra village, Kanakapura, 7th March 2020 in Association with NSS Unit

Humanitarian League (HSS Department) in collaboration with NSS Unit of Dr. Ambedkar Institute of Technology, had taken an initiative to conduct one day programme on Value Based Education and Awareness for Government School Children and Stree Shakti Sangh in the mark of Women’s day celebration at Thamasandra village, on 7th March 2020.

Volunteers were given different tasks, like cleaning the school campus, interaction with school children in various activities related to health awareness, language importance and soft skill training programs that encourage their creative skills in making greeting cards, poster making, and basic vocabulary through power point presentation, puzzles, physical activities and many more. And others involved with women’s with holistic interactions and encouraged them to participate in different activities.
Welcome song by the school children, and followed with welcome speech by the school head master.

After refreshment, here starts the real spark of our Dr.AITians.

A Sparrow-

**Soliloquy** by Geetha H published in the daily ‘Deccan Herald’
on 02 December, 2020

Right in the Middle

**A sparrow soliloquy**

*Geetha H | 02 Dec 20, 03:01AM*

Wish! I had wings to fly away to a place where I can find solace. Alas! That’s not possible for I am bound by responsibilities

Reported by : Dr. Shashipriya
July– Dec. 2020 exams, 248 faculty & students have successfully completed various courses in academic domain. Few of them have excelled in their performances.

**Dr. Gangadhar N, Asst. Prof., Mech. Engg. Dept.,**
Gold Certificate and topper in two courses
1. Advances in Welding & Joining Technologies
2. Processing of Polymers & Polymer Plastics

**Nayana R Shenoy, Asst. Prof. Medical Electronics Dept.,**
Gold Certificate and topper in Digital Image Processing

**Dr. Jayalakshmi M, Associate Prof. Mathematics Dept.**
Gold Certificate in Matrix Analysis with Applications

**M RATHIKA, Asst. Prof. Mech. Engg. Dept**

**Dr. Dharini NV Asst. Prof. MCA Dept.**
Topper: Internet of Things

**Dr. Shilpa KC**
Asst. Prof. ECE Dept.
Topper: Microelectronics

Reported by: NPTEL Coordinator
The online Alumni Meet 2020 on 12th Dec. 2020 was a great experience, as many alumni joined from overseas. The initial registration exceeded 1000 in number, the meet saw a number close to 400 participants throughout the meeting, as they had the option to join anytime during the meeting, which lasted for 3 hrs. starting from 10.00 am until 1.00 pm.

The Alumni coordinator Dr. Shanthi KJ greeted the Alumni and Principal Dr. C Nanjundaswamy welcomed the Alumni. Principal highlighted the growth of the institute over the 40 years while inviting the alumni to be the brand ambassadors and spread the good will of the institute.

He observed the infrastructure developments and up-gradation that would have happened over the years. Remembered the contribution of all the teachers. He specifically had this for the fellow juniors that “Learning is there throughout life, there is never a dull day”! Also suggested to teach the definition of “Good” in terms of choosing the right path. He expressed his view on going for exchange programs at broader level that leads to good exposure. He also invited alumni to offer guest lecture to meet student needs on learning technical updates.
Few of the alumni spoke on the occasion and shared their experiences with few good words.

**Mr. Jyothidhar Pulakunta**, ISE 2007 batch, Cruise -San Francisco-Engineering Manager, shared his college days’ memories. Motivated fresh graduates about upcoming opportunities during this pandemic.

**Mr. Avin Agarval**, ML 2006 batch an entrepreneur, CEO Cardiotrack, shared his positive views about the dept. which helped him build his career. Also suggested key learning notes such as keep quantifiable goals and clear vision and never stop up skilling.

**Mr. Premkumar Melukote**, ECE 2000 batch, Senior Engineering Manager –Wireless Device Validation Intel Corporation, said Dr.AIT students are no different from those of IIT or NIT. Shared his thoughts as to develop positive attitude.

**Mr. Sagar Sen**, CSE 2003 batch, Senior Research Scientist, secure IoT Systems SINTEF Digital Oslo-Norway mentioned that learning foundation was great at Dr.AIT. Spoke on the research experience and suggested to have long term and sophisticated thinking for a researcher.

**Mr. Madhusudan**, TCE 1995 batch, Cloud architect at Oracle has continued relationship with the dept, by giving technical sessions. He recommended, young minds to think as future entrepreneurs as Govt. is encouraging startups.

**Mr. Raghavendra**, Mech. 1991 batch, KAS officer, A proud alumni, who recalled the advice of the founder Late Sri M.S. Jayaprakash Narayan to choose his career in civil services. He advised youngsters to contribute towards development of the nation.
Mr. Manish Mishra- Alumni EEE, IES – Ministry of Skill Development & Entrepreneurship, narrated his experience of clearing the competitive examination and making it to the government services.

The teachers greeted their dear Alumni and they exchanged pleasantries through chat messages. Finally the Principal spoke about how the Alumni could make a contribution in taking DR. AIT to greater heights and passed the good will message from the management to the Alumni community. The coordinator thanked the Alumni for responding to the call and being there spending time with their alma mater. And closed the meeting with a note to host the meeting physically in 2021 keeping up with the tradition.

Reported by: Alumni Coordinator
SPORTS

Annual Athletic Meet: 22, Feb 2020
VTU– Bengaluru Central Zone Kho-Kho Men Tournament 2020 was held at Dr. AIT PLN grounds during 27th Feb. Chief Guest was Sri Aprameya K A, National Kho –Kho Player.
Editorial:

Chief Editor: Dr. C Nanjundaswamy, Principal
Editor: Dr. Shanthi K J, HOD Medical Electronics

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