Our Vision
To create Dynamic, Resourceful, Adept and Innovative Technical professionals to meet global challenges
At the outset I extend a Happy and Peaceful New Year Greetings to all the readers.

The Institution is accredited with A grade by National Assessment and Accreditation Council NAAC and certain UG & PG departments are accredited by the National Board of Accreditation NBA, while the preparations are on for the remaining departments.

AIT is always looking for new frontiers to attain its vision.

The institute is embracing itself the induction programme for the first year students, which would add human value to their education, help build gradually a definite human conduct and inculcate the social responsibility in them. This is a nation wide policy and is being adapted and implemented in our institution. And senior teachers are trained to impart induction training programme.

The institute is identifying young enterprising students to groom them into flourishing entrepreneurs. The funding is provided through TEQIP III and the institute is slating its own policy to ensure proper utilization.

We march ahead with full glory and enthusiasm in our heart and mind.

Wishing all the Very Best to the online Institute News Letter and its Readers!

Best 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.
- 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.

Founders Day: Dec. 21

The institution celebrated the 91st Birth Day of the Founder Late Sri. MH Jayaprakash Narayan on December 21st. All the educational institutions of the PVP Welfare Trust had participated in the Founders Day celebrations. Honourable Minister for PWD Dr. H C Mahadevappa was the chief guest for the function. And the function was presided by honourable Chairman Shri S Mariswamy. The Honourable Secretary Shri AR Krishnamurthy, Honourable trustees Shri PL Nannjundaswamy, Shri S Shivamallu and Dr. M Mahadeva had graced the occasion.

The Institute celebrates the Kannada Rajyotsava Day on the same day. The thinker and the Chairman Kuvempu Bhasha Bharathi Pradhikara Dr. K Marulasiddappa was the invited speaker of the day.
Founders Day: Dec. 21

Honourable Minister for PWD Dr. H C Mahadevappa garlanding the JPN Bust
Chairman Kuvempu Bhasha Bharathi Pradhikara Dr. K Marulasiddappa being felicitated and addressing the gathering during the Kannada Rajyotsava celebrations.
Padma Bhushan awardee Dr. B N Suresh former Director, Vikram Sarabhai Space Centre addressed the first year students on The Excitement of Rocket Science on 10th Oct. 2017. Principal Dr. C Nanjundaswamy, Dean Academic Dr. M N Hegde had attended the event. Honourable Chairman Shri S Mariswamy had presided over the function. And honourable Secretary Shri AR Krishnamurthy had graced the meeting. The event was coordinated by Dr. Veena Amarnath, Head of Chemistry Department.
The College had organized the annual Alumni Meet on December 9th. Nearly 300 Alumni had attended and relived their memories, shared their experiences. Honourable Chairman Shri S Mariswamy had presided over the function. And honourable Secretary Shri AR Krishnamurthy had attended the meeting. Principal Dr. C Nanjundaswamy gave a report on the college while Dean Academic Dr. M N Hegde delivered the Vote of thanks. The three Alumni from the earlier batches were felicitated on the occasion. Principal declared that henceforth the Alumni Meet would be held on the second Saturday of December.
Department of Electronics & Communication Engg.

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<th>Publications</th>
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<tr>
<td>Mohankumar.V and Dr.G.V.Jayaramaiah Design and Verification of a Robust Neural Network Based Kannada Base Character Recognition System International Journal of Informative &amp; Futuristic Research vol.4, issue 5, pp.6259-6265, 2017</td>
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Workshop Attended

Dr. Mahalinga V Mandi, Workshop on Preparation of Procurement Plan and Action Plan for Academic Activities NPIU at Dr. APJ Abdul Kalam Technical University, Lucknow on 4th August 2017

ELECTROTECH 2K17

The annual inter-college technical event from Electronics and Communication Engineering student of the department called “ELECTROTECH 2K17” organized with the great enthusiasm and determination among the new set of student coordinators, volunteers and faculty coordinators on Thursday September 14th, 2017.

Dr. Shilpa KC was awarded with Ph. D. Degree from the Visweswaraya Technological University VTU for her theses titled Scheduling and Allocation in High Level Synthesis using Evolutionary Computation

Dr. Shivaputra was awarded with Ph.D. Degree from Jain University for his theses titled Design and Development of Efficient Algorithms for Lossless Image Compression

Congratulations !!
Ph.D. Awardees

REPORTED BY: Vidyashree C
## DEPARTMENT OF ELECTRICAL ENGINEERING

### Publications

- Pankaja H.G, P. & Meena  Control Strategy for an Induction- Generator in TSCA01 Mode  
  2017 International Conference On Smart Conference On Smart Technologies For Smart Nation 17-19 Aug 2017, International Conference On Smart Conference On Smart Technologies For Smart Nation Reva University Bangalore, India under IEEE section.  
- Rekha S & Prof. V Keshavamurthy Dynamic Power Factor Regulation Using Thyristor Switched Capacitor For Industrial Loads  
  2017 International Conference On Smart Conference On Smart Technologies For Smart Nation 17-19 Aug 2017, Reva University Bangalore, India under IEEE section.  
- Mr. Manjunath A, Dr. Shankarlingappa C.B A New Multilevel VSI With SPWM For Medium Voltage Application  
  IJIREEICE Vol. 5, Issue 8, August 2017, ISSN 2321-2004, PP:4-12  
- Mr. Manjunath A, Dr. Shankarlingappa C.B A New Multilevel VSI With SPWM For Medium Voltage Application IJIREEICE Vol. 5, Issue 8, August 2017, ISSN 2321-2004, PP:4-12  
- Mr. Eranna, Dr. B.V Sumangala, Dr. G.R Nagabhushana Surge Voltage Distribution In A Transformer Winding Model For Fast Rising Double Exponential Switching Surges IJAERD, Vol 4, Issue 9, September 2017, PP62-66, ISSN:2348-4470

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Technical Talk on Paper Writing – Do’s and Don'ts  on 28th August 2017  
P T RAGHURAM Professor, IISc Bengaluru.

### Industry Visits:

1. Varahi Hydro Electric Power Plant -12/10/17  
2. Sharavathi Hydro Electric Power Plant –01/09/17
NSS Activities:
Students on Cleanliness Campaign on 10/09/17 at Mallathalli Slum and Vijayanagara

REPORTED BY: Pankaja H G
Publications


* Shreyas Goutham Kumar, K V Veerabhadra Swamy, C. R. Prashanth **Quantum Modelling Of Transport Theory In A 1-D Nano Device** *IEEE Xplore* on 02 October 2017 at Bangalore.


* Chandrakala V **Face Recognition on Local Pattern of DWT and LBP** *International Conference on Science, Technology & Management (ICSTM-2017)*; 24th September 2017, Bangalore, India.

Workshop Attended

Sudha T & Vidya H **Teach Smart and Not Hard** on 22nd September 2017, organised by Dept. of MBA, Dr. AIT.

Industrial Visit :
Students of 5th semester-visit to **KELTRON and HARRISON’S MALAYALAM LIMITED** Kerala on 13th to 15th November 2017.

Internship:

R & D Projects

The Department has been awarded the VGST Project Titled: Monosek for Network Security Lab

Other R & D Projects

- Inception of IOT Test Bench to Facilitate Experimentation, Research and Product Development on Device to Device Communication using Multiple Sensor Node Analysis
- Remote Engineering and Virtual Instrumentation through Establishment of Remote Communication Laboratory

Industrial Visit:
Students of 5th semester visited the industries KELTRON and HARRISON’S MALAYALAM LIMITED at Trivandrum & Wayanad, Kerala on 13th to 15th November 2017.
Internship:

Best Intern Award

REPORTED BY: Ms. Sudha T

Department of Chemistry
DEPARTMENT OF MBA

Publication


Conference Attended

Faculty presented papers at International conference on Ecosystem for growth of Business held on 8th and 9th September, 2017 at Acharya Bangalore B School, Bengaluru.

Ms. Shailaja M L Social Entrepreneurship – A Tool For Sustaining The Competitive Business World

Dr. Leela M H and Ms.Kavitha S, Conceptual Framework on Government Initiatives and Developments of Tertiary Sector in India

Technical Talk Delivered

Dr. Baskaran S delivered a talk on Research Methodology on 12/9/17 at St. Joseph College, Bengaluru

Dr. Susheela Devi B Devaru delivered a lecture on Management Process at East west College of Management on 31/8/17

Management Development Programme Organised Teach Smart and Not Hard on 22/9/17

Faculty Development Programme Attended

* Dr. Leela M H & Mrs. Rajeshwari R R, Research Methodology & Data Analysis – Using R during 10/8/17 to 12/8/17 held at RNSIT-MBA, Bengaluru

* Dr. Susheela Devi B Devaru and Ms.Kavitha S, Digital Marketing on 27/9/17 at Department of Management Studies Surana College, Bengaluru on 27th, September 2017.

REPORTED BY: Kavitha S
Technical Talks Organised:

Career Mentoring And Preparation Steps Necessary To Prepare For CAT/GMAT:

The Talk was arranged for pre final year students under the Department Technical Club DISC by Byju’s class, Bawas organized

Compumusic Technology on 12/10/2017

By: Prof. Chidambara Kalamanji, PESU, Bangalore

Workshop Attended:

3. Mr. Satish B. Basapura and Mr. Shivakumar C: Python Programming at SJBIT Bangalore during 31/7/2017 to 5/8/2017.

ORIENTATION PROGRAMME

DISC organised the programme for III Sem. Students on 09/9/2017

Subex Limited Bangalore, visited the department on 13/9/2017 and proposed their vision to setup the Internet of Things—IoT lab in the department.

REPORTED BY

Dr. Nandini Prasad KS
The talk was organized under the banner of ISTE Students Chapter. Mr. Shivashankar has very rich experience on Industrial Automation and Embedded systems. During the talk he highlighted about various industrial automation, and its related control hardwares and softwares like PID Controller, PLC, DCS and SCADA. During his talk the speaker also emphasized on the latest developments in Industrial Automation.

Ms. Ranjitha spoke on the Embedded Systems Basics & its Applications in day to day life. Students were immensely benefited by this talk learning about the Industrial Automation and Embedded Systems Applications.
Senior students welcoming the 3rd Sem. Students and arranging the Orientation Programme

PARICHAY on 29/08/2017

Reported by: Ms. Shubha P
Dr. D K Ravish has been awarded with Ph.D. degree from Anna University for his theses titled “Analysis of EEG Signal for Seizure Detection and Prediction”

**PUBLICATIONS**


- Kamala C, Nayana R Shenoy, Vindhya K  *Performance Evaluation of Wide Bandwidth RF Signal Generator Chip*  *International Journal of Advanced Engineering Research and science (IJAERS)*
Activities

WORKSHOP ON PYTHON PROGRAMMING during 9/10 & 10/10/2017

Training on Embedded Systems in Association with Texas Instruments–EDGATE Technologies Bangalore on 17/11/17

Technical Talk on Electrical Safety for Biomedical Equipments by Mr. Rizwan Khan—CEO TransCall Bangalore—an Alumnus of the department on 18/11/2017

The final year students visited the Biosensors Lab at the School of Electronics—VIT Vellore on 7/11/2017
Tejas S K, Silver Medal & Bharath Chandra Bronze Medal at VTU Single Zone Taekondow held at Vemanna IT during 9th & 10th Nov. 2017
Gagan Gold Medalist at the National Level Cycling competition

Vishal Patel representing the state team at the National Level Sepak Takraw Game