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Bapuji Educational Association®
 Bapuji Institute of Engineering & Technology, Davangere
**Newsletter: Department of Electronics &
 Instrumentation Engineering**

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A half yearly Newsletter



Since 1991

INTECH-Connecting the Industry

--“The Industrial Revolution”

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8th Sem, E&IE

In This Issue

- **Department Vision & Mission**
- **Staff and Student Activities**
- **Expert Lectures Workshops/ Training Programs**
- **Publications**
- **Industry Institute Interaction**



Editorial

Great technological transformations have been observed in the field of engineering. Electronics and Instrumentation Engineering, finds its scope between two terminals: one ‘an Instrumentation’ and other ‘the control’ , and in between there is a lot of Engineering including Electronics, Communication, Computing, Information Technology and many more. Therefore, Instrumentation Engineer can contribute to any one of the fields. With the state-of-the-art laboratories and committed faculty, we hope that students can excel in their career with their ignited minds and contribute to the technological revolution.

Department Vision

To become a distinguished center by focusing on the area of Electronics & Instrumentation Engineering to mould the students to face the current and future challenges in industrial process automation to serve the society and industrial environment.

Department Mission

M1: To impart technical knowledge & skills to meet the industry and societal needs

M2: To interact with industry and alumni to enhance learning and research in the area of Electronics and Instrumentation

M3: To mould the students to a new era of data acquisition and application development in the field of Instrumentation



Presentation of Department Vision, Mission, PEOs



Alumni Meet "EI Smrithi"



Dr. Jayadevappa B M, Professor and Head felicitated by the department during the Farewell for Final year students on 23 May 2019.

Program Educational Objectives (PEOs)

- PEO1:** Analyze, design and develop techniques that offer solutions for specific process automation
- PEO2:** Achieve an expertise in embedded system, robotics, data acquisition and application of instrumentation technology
- PEO3:** Succeed in professional career and pursue higher studies in the domains of instrumentation
- PEO4:** Develop knowledge, skill sets and communication to apply for ongoing cutting edge technology

Staff Activities

- Deepashri K M and Shubha V Patel attended One-week training program on "Applications of LabVIEW in Engineering and Research", organized by the Dept. of E&CE, BIET, Davangere in association with VI Solutions, Bangalore, ISTE and National Instruments(India) Pvt, Ltd, from 28 January to 2 February 2019.
- Department of EI and BM, conducted an Essay Competition-2019 on 23 March 2019 in connection with International Women's day celebration. **Essay topic:** Educational, Economical and Social Status of women in Asian countries.
- Shubha V Patel, Asst. Prof, E&IE department secured II prize in Quiz competition conducted by IS&E in connection with International Women's day celebration.
- Department has organized Alumni meet "EI Smrithi" on 16 March 2019.
- Department has organized a Parent Teacher Meet on 28 March 2019.

Student Activities

- Akash M B and Annem Ganga Sumanth of 6th sem exhibited the project "SMART ARMET (Helmet)" under the guidance of Sreedevi L K, Asst. Professor, in "South Zone Student Research Convention" held at Vignan's Foundation for Science, Technology and Research, Vadlamudi, Guntur Dist from 22 to 23 February 2019.
- Ms. Pooja R Sharma secured II Rank in the VTU during the academic year 2017-18.
- Keerthana of 4th sem secured III prize in Essay competition conducted by E&IE and BM Department in connection with International Women's day celebration.
- Raghavendra S Narsapur, Basvaraj. P. Hiremath of 8th semester, under the guidance of Dr. Jayadevappa B M, exhibited the project "A Novel Approach on Ceiling Fan Based System to avoid Suicide by Hanging" in State Level Technical Project Exhibition-2019 organized by Proudadevaraya Institute of Technology, Hospet held on 3 April 2019.



Pooja R Sharma was felicitated by the Institute during Women's Day celebration for securing II Rank under VTU for the year 2017-18.



Akash M B and Annem Ganga Sumanth of 6th sem exhibited the project "SMART ARMET (Helmet)"



Raghavendra S Narsapur, Basvaraj. P. Hiremath of 8th semester exhibited the project "A Novel Approach on Ceiling Fan Based System to Avoid Suicide by Hanging" in the 4th National Level Project Competition "IEEE Project EXPO-2019"

- Basvaraj. P. Hiremath, Raghavendra S Narsapur of 8th semester presented a paper on "A Novel Approach on Ceiling Fan Based System to Avoid Suicide by Hanging" and secured II Place in "Papyrus"- A State Level Technical Paper Presentation organized by Department of E&CE, BIET on 12 April 2019.
- Basvaraj. P. Hiremath, Raghavendra S Narsapur, of 8th semester presented paper "A Novel Approach on Ceiling Fan Based System to Avoid Suicide by Hanging" and received Best Paper award in Davan-2019-Paper Presentation organized by BIET on 25 April 2019.
- Raghavendra S Narsapur, Basvaraj. P. Hiremath of 8th semester under the guidance of Dr.Jayadevappa B M, exhibited the project "A Novel Approach on Ceiling Fan Based System to Avoid Suicide by Hanging" in the 4th National Level Project Competition "IEEE Project EXPO-2019" organized by GSSSIETW, Mysore in association with IEEE Bangalore Section on 29 April 2019.
- Raghavendra S Narsapur and Basvaraj. P. Hiremath of 8th semester presented paper "A Novel Approach on Ceiling Fan Based System to Avoid Suicide by Hanging" and secured II Place in "Impulse-2019" – A State Level Technical Paper Presentation organized by Department of E&E, BIET College held on 4 May 2019.
- Basvaraj. P. Hiremath, Raghavendra S Narsapur and of 8th semester attended Conference Paper "A Novel Approach on Ceiling Fan Based System to Avoid Suicide by Hanging" and secured "Best Paper" in 3rd National Conference on Robotics Automation Control and Embedded System (NARACES-2019), Organized by Department of E&IE, GSSSIETW College Mysore, on 10 May 2019.
- Raghavendra S Narsapur and Basvaraj. P. Hiremath of 8th semester attended "Telecomsat-2019" for 2nd National Level Project Contest organized by Department of Telecommunication on 11 May 2019 at BMS College of Engineering, Bangalore.
- Farewell to Final year students was organized on 23 May 2019. Mrs. Bhagya R Navada, Asst.Prof. (Sr), Dept of ICE, MIT, Manipal, Dr. M C Nataraja were Chief Guest and Prof. Y Vrushabhendrappa, Director was the President of the function.

Expert Lectures/Workshops/ Training Programs

- Kavana V, Kavya and Sowndarya of 7th sem attended One-week Workshop on "Connecting LabVIEW to Industrial IOT-A Hands on Approach", at M S Ramaiah Institute of Technology, Bengaluru in association with VI Solutions, Bengaluru from 28 January to 1 February 2019.
- Aishwarya, Karishma, Yashoda, Megha V Desai , Sinchana, Keerthana, Meghana, Vinayashree, Deepa, Ramya and Nandini of 6th sem attended two day workshop on "Internet of things (IoT)" conducted by Technophilia Solutions at National Institute of Technology, Karnataka, Surathkal from 23 to 24 February 2019.



Parent-Teacher meet on 28 March 2019

- Invited talk on “Scope for Instrumentation Engineers” was delivered by Mrs. Bhagya R Navada, Asst.Prof. (Sr). Dept of ICE, MIT, Manipal, on 23 May 2019.

Publications

- Prof. Vanitha R, Annem Ganga Sumanth, Akash M B, published a paper titled “**Image Retrieval Using Image Segmentation Techniques** “in the International Journal of Research in Electronics and Computer Science Engineering (IJRECE), Vol 7, Issue 2, June 2019.
- Dr.Jayadevappa B M, Manjunath K G, Raghavendra S Narasapur and Basvaraj. P. Hiremath published a paper “A Novel Approach on Ceiling Fan Based System to Avoid Suicide by Hanging” in the International Journal of Engineering Research and Technology (IJERT), Vol 7, Issue 10, May 2019.

Industry Institute Interaction



Industrial visit

Industrial visit to Grasim Industries Pvt. Ltd, Harihar for 4th and 6th semester students along with faculty members Mr.Manjunath K.G and Mrs.Vanitha.R was arranged on 11 May 2019.

Objectives

- To give an exposure to the industry.
- To understand the applications, installations of sensors and transducer
- To understand the process and importance of industrial automation.
- It imparts the lesson of team spirit.

Placement



Mr. Ragahavendra Narsapur
Silver Peak Global



Mr. Basavraj P Hiremath
Yokogawa

Gallery



Pooja R Sharma secured the **2nd Rank** in the **VTU University** examination June/July 2018.



Alumni interaction during EI Smrithi 2019

INTECH 2019



Activities under INTECH 2019:

Dual mini cricket, Chaduranga, Treasure hunt, Student symposium, Painting

Objectives:

- Helps students to identify and develop their inner talents like creative & public-speaking skills, leadership qualities, etc.
- To get the innovative ideas of their own.
- To impart the lesson of team spirit

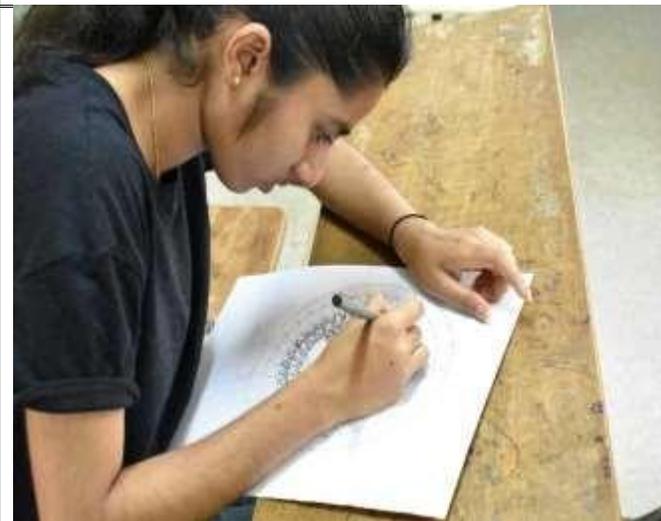
Dual Mini Cricket



Symposium-Paper Presentation



Painting



Chaduranga

Treasure Hunt



INTECH 2019 SQUAD



Farewell to Final year students on 23 May 2019



E&IE Squad



Unforgettable memories behind goodbyes.