



Bapuji Educational Association (Regd.)
Bapuji Institute of Engineering and Technology, Davangere-04
(Affiliated to VTU Belagavi, Approved by AICTE, New Delhi)
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INFO VOICE

Department of Information Science and Engineering

Volume-2

August 2018 - July 2019



“Education is the most powerful weapon which you can use to change the world.”

-APJ Abdul Kalam

Vision of the Institute

“To be **center of excellence** recognized **nationally** and **internationally**, in distinctive areas of **engineering education** and **research**, based on a culture of **innovation** and **invention**.”

Mission of the Institute

“BIET contributes to the **growth** and **development** of its students by imparting a board based **engineering education** and **empowering** them to be successful in their chosen field by inculcating in them **positive approach**, **leadership qualities** and **ethical values**.”

Vision of the Department

“To be the **center of excellence** by adopting technological **innovation** in **academics** and **research** to develop competent **man power** for emerging needs of **society** and **industries**.”

Mission of the Department

M1: To provide **quality education** to meet the challenges of technological changes to succeed in their **professional career** and **higher education**.

M2: To inculcate the culture of **research**, **innovation** and **entrepreneur skills** among the students.

M3: To groom our students with the quality of **team spirit**, **leadership skills** and **ethical values**, to share and apply their knowledge for the **benefit of the society**.

Program Educational Objectives (PEOs):

PEO1- To develop professional skills in students that prepares them for immediate employment and lifelong learning in recent information technology and its related fields.

PEO2 - The ability to cater ever changing technological environments in creating innovative career paths to be an entrepreneur, and a zest for higher studies.

PEO3 - To adopt multidisciplinary approach to analyze and solve real world problems.

PEO4 - To inculcate ethics, communication and team work skills and ability to relate information technology issues with social awareness.

Program Specific Outcomes (PSOs):

- PSO1-** The graduates of the Program will have solid foundation in the principles and practices of information science, including basics of engineering.
- PSO2-** The graduates of the Program will be prepared for their careers in the software industry or pursue higher studies and continue to develop their professional knowledge as members of multi-disciplinary teams.
- PSO3-** The graduates of the program will practice the profession with ethics, integrity, leadership and social responsibility.

The objectives of the newsletter mainly focus on the:

- Achievements of the Students and Faculty members from the IS & E department in Curricular, Co-curricular and Extra-curricular Activities.
- The Recent trends in the area of Information Science & Engineering and related areas.

About the Department:

The department was established in the year 2000 with an intake of 60 students and it is increased to 120 in the year 2007. The department is equipped with all necessary infrastructure and laboratory facilities. Keeping in view of the vision of the department, the department of ISE is working to achieve excellence in various aspects such as: students' performance, effective teacher-student relationship, imparting quality education to students, motivating faculty and students towards research and imbibing best human qualities in students.

The department has a strong and active Forum INFOZEST helping in all-round development of the students through various Technical Workshops on Recent Technologies like Big Data, Cloud Computing, Python, Android, IoT etc. Extensive placement trainings are conducted to improve employability of the students. The faculty of the department is actively involved in research activities in various technical domains.

The department has recognized by IIT Bombay as one of the remote centre. It uses an ICT enabled process to actually reach out and engage a large number of teachers, and through them, a much larger number of students. The department has established Industry 4.0 Center of Excellence in collaboration with Rovelabs, Bengaluru to adapt itself to the rapid advancements in various specialized fields.

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Message from HOD's Desk:

I feel indeed that Dept. of Information Science & Engineering is releasing its Annual Newsletter Info Voice on 17/09/2019. It is a platform to bring out the hidden talents of students and faculties. Department has organized many Technical Talks, workshops for students and FDPs for faculties. This newsletter will highlight all such activities. I congratulate editors of the Newsletter for their effort in bringing out this Newsletter colorfully with all the events covering from August 2018 To July 2019. I wish them all the success.

**Dr. Poornima B.
Prof. & Head,
Dept. of IS&E**

INSYNC, the forum of IS&E Dept. has inaugurated by Dr. Shashikala Krishnamurthy, Prof. & Head, Dept. of pathology, SSIMS, for the academic year of 2018-19 on 10th Sep 2018.



Ms. Nithyashree K.V., student of 8th sem has awarded **“TCS Best Student”** for the Year 2017-2018.



Three days' workshop on **“Cloud Computing”** by Mr. Prakash Kajanaga on 27th to 29th September 2018 organized by INSYNC, the forum of IS&E.



One day workshop on **“KOHA Library”** on 12th October 2018 organized by INSYNC, the forum of IS&E in association with IIT, Bombay.



INSYNC, the forum of IS&E organized a “**Tech Talk**” by Mr. Ramesh Kaza., Chief Information Officer, State Street, on 13th October 2018 at S. S. Mallikarjun Auditorium.



INSYNC, the forum of IS&E organized a Seminar on “**Simplify coding**” by Mr. Vijay P Rao., Director, Amrutha Varshini Educational Trust, on 16th October 2018 in IS & E seminar hall.



Mr. Vaibhav Y.R, Mr. Rajjaval K Jain, Mr. Shashank R.P, Ms. Chaitra B Kamat, Ms. Prerana Ganesh Kini and Ms. Sophia E Machado., students of 7th semester have secured Frist place in business model presentation conducted in the **State Level HACKTHON-2018**, organized by NAIN, JNNCE, Shivamogga & supported by KBITS held on 4th and 5th September 2018, Mentored by Vinay M.T.

- Ms. Bhuvaneshwari K.V., Asst. Prof. has participated in three day FEP on “Machine Learning and Implementations” organized in collaboration with IQAC-GMIT, conducted from 4th to 6th July 2018.
- Mr. Vinay M.T., Asst. Prof. has participated in two day FDP on “Web Technology and its Applications” organized by Dept. of ISE and CSE, RNSIT, conducted on 23rd and 24th July 2018.
- Ms. Bhuvaneshwari K.V., Asst. Prof. has participated in one week FDP on “Image Processing and its Research Challenges” organized in collaboration with ISTE-IETE-JNNCE, conducted from 23rd to 27th July 2018.
- Mr. Vinay M.T., Asst. Prof. has received Certificate of Appreciation for adopting impartus lecture capture and being the part of the digital revolution in education on August 2018.
- Mr. Abhishek G.R., student of 6th semester has received Certificate of Appreciation for adopting impartus lecture capture and being the part of the digital revolution in education on August 2018.
- Mr. Varun S Patil, Mr. Rajjval K Jain, Mr. Pradeep K.M, Mr. Sachin Kodiya and Mr. Pavan Kumar Reddy., students of 7th semester have participated in the Inter-Collegiate climate and environment science quiz organized by IISc, Bangaluru held on 11th September 2018, mentored by Vinay M.T
- Gagan R Shetty., student of 6th semester successfully completed “Fundamentals of Computer Hacking” online course and certified by Udemy on 12th September 2018.
- Mr. Vaibhav Y.R, Mr. Rajjaval K Jain, Ms. Chaitra B Kamat, Ms. Prerana Ganesh Kini and Ms. Sophia E Machado., students of 7th semester have received Certificate of Appreciation in the nationwide IESA MAKEATHON organized by India Electronics & semiconductor association, powered by JUINCUBATOR And ESSCI held on 3rd and 4th October 2018, Mentored by Vinay M.T.
- Mr. Puneeth S.P., Asst. Prof. has received Certificate of Appreciation for active involvement in organizing two day Bootcamp and Hackathon on “Building chatbots using IBM Watson” Organized by Smartbridge in collaboration with IBM held at BIET from 11th to 13th October 2018.
- Gagan R Shetty., student of 6th semester successfully completed master in “Wi-Fi Ethical Hacking” online course and certified by Udemy on 17th October 2018.
- Gagan R Shetty., student of 6th semester successfully completed practical “PHP: Master the Basics and Code Dynamic Websites” online course and certified by Udemy on 19th October 2018.
- Mr. Gowreesha H. B., Asst. Prof. has participated in five day national workshop on ”Research Avenues in Genomics” organized by Dept. of CSE in association with IETE and ISTE, JNNCE, held on 17th to 24th December 2018.



One day workshop on “**Moodle Learning Management System**” on 15th March 2019 organized by INSYNC, the forum of IS&E in association with IIT, Bombay.



INSYNC, the forum of IS&E organized a Three day workshop on “**Industrial 4.0: IoT Workshop**” by Mr. Shreyas Vernekar, Co-Founder, ROVE Labs Pvt. Ltd, Bengaluru and team from 29th to 31st March 2019

- Mrs. Shilpa M. Y., Asst. Prof. published a research paper titled “A Survey on Various Security Techniques to Secure Cloud Data” in IJIRSET on 1st Jan 2019.
- Mrs. Gowramma B. H., Asst. Prof. published a research paper titled “A Survey on Various Security Techniques to Secure Cloud Data” in IJIRSET on 1st Jan 2019.
- Ms. Bhuvaneshwari K. V., Asst. Prof. invited as Speaker for “Importance on data structure” on 29th March 2019 organized by Davan Institute of Advanced Management Studies, Davangere.
- Mr. Puneeth S. P., Asst. Prof. Mr. Vinay M. T., Asst. Prof. Mrs. Ranjana B. Jadekar, Asst. Prof. Mrs. Shilpa M Y., Asst. Prof. Mrs. Gowramma B. H., Asst. Prof., got apperception certificate for the conduction of “Computer Awareness Program” in association with NSS-BIET for school students at Hosabelavanur village on 2nd March 2019.

- Mr. Vinayak H K, Mr. Somangowda S Patil, Mr. Varun S Patil, Mr. Rajesh B, Mr. Sampath Kumar B, Mr. Vaibhav Y R, Mr. Shashank R P and Ms. Sophia E Machado., students of 8th semester has been participated in the hands-on workshop on Big Data Analytics at GSSSIT, Mysuru in association with AIESEC IIT-Delhi & Geekslab Technologies Pvt. Ltd from 21st to 24th Jan 2019.
- Gagan R Shetty., student of 6th semester has been awarded 3CPE/CEU for successfully completing the rigorous requirements and testing set forth by CYBRARY and CYBRARY Education committee for “SQL INJECTION” on 16th Feb 2019 with 75% score.
- 16 students of 6th semester, has been participated in “Internet of Things workshop” conducted by Technophilia solutions on 23rd & 24th Feb 2019 at NITK, Surathkal.
- Mr. Rajesh B., student of 8th semester presented a paper entitled “Next Generation Big Data Storage” at National Level student’s symposium CHEMEXCEL-2019 organized by Dept. of chemical engineering, BIET, Davangere in association with ISTE on 22nd March 2019 and has secured Frist Place.
- Ms. Chaitra B Kamat, Ms. Vandana A S, Ms. Bindhu S S & Ms. Ranjana N., students of 8th semester has presented paper entitled “ ovarian cancer detection using image processing and machine learningin the NCEIS-2019 organized by Dept. of ISE, GSSSIETW, Mysuru on 23rd April 2019.
- Mr. Nikhil H V, Mr. Rajkumar G, Ms. Sophia E Machado, Ms. Shrilakshmi D Bhat, Ms. Arziya Shamayal and Ms. Samanvitha Patel has got the certificate of participation in 5th industry institute conclave on electronics, computational and communication technologies held at PESITM, Shivamoga on 11th May 2019
- Ms. Sophia E Machado, Ms. Yashu K S, Ms. Sanchitha S and Ms. Swathi P S., students of 8th semester has secured Best Students’ Project Award for the project entitled “Intelligent Traffic Control System For Smart Ambulance” in the in-house project exhibition cum presentation hosted by R&D cell, BIET, Davangere on 25th May 2019.
- Mr. Vaibhav Y R, Mr. Shashank R P, Mr. Veerabhadraswamy K R and Ms. Prerana G Kini., students of 8th semester has secured Best Students’ Project Award for the project entitled “Voice Based Hospital Finder” in the in-house project exhibition cum presentation hosted by R&D cell, BIET, Davangere on 25th May 2019.



INSYNC the forum of IS&E organized an Departmental Technical & Non-technical events “**INFOZEST-2019**” on 3rd – 4th April 2019 & inaugurated by Mr. Ananth P. Hedge, Alliance Manager, TCS, Bangalore.



Dept. of IS&E has won the “**Championship & Rolling Shield**” in the Inter-departmental competitions held for Davana 2019.



One day workshop on “**Python**” on 22nd of June 2019 organized by INSYNC, the forum of IS&E in association with IIT, Bombay.