Dept. of Information Science & Engineering
Vidyaniketan Post, 8th Mile, Mysore Road,
R.V. College of Engg., Bangalore-59.

Info Bee NEWS LETTER

Department Vision & Mission

VISION :

To be a hub for innovation in Information Science & Engineering through Teaching, Research, Development and Consultancy; thus make the department a well-known resource center in advanced, sustainable and inclusive technology.

MISSION :

* **ISE1:** *To enable students to become responsible professionals, strong in fundamentals of information science and engineering through experiential learning.*
* **ISE2:** *To bring research and entrepreneurship into class rooms by continuous design of innovative solutions through research publications and dynamic development oriented curriculum.*
* **ISE3:** *To facilitate continuous interaction with the outside world through student internship, faculty consultancy, workshops, faculty development programmes, industry collaboration and association with the professional societies.*
* **ISE4:** *To create a new generation of entrepreneurial problem solvers for a sustainable future through green technology with an emphasis on ethical practices, inclusive societal concerns and environment.*
* **ISE5:** *To promote team work through inter-disciplinary projects, co-curricular and social activities.*

Activities...

Annual sports meet :

The annual sports meet celebration was organized on Friday, 03-02-2017. All the faculty members from various department actively participated in the competitions. After the inauguration, a march fast was conducted departmentwise. ISE department bagged the Third prize in the march past.

Do you Know ???

* Coca-Cola would be green if coloring weren't added to it.
* More people are allergic to cow's milk than any other food.
* The worlds oldest piece of chewing gum is 9000 years old!

Supported by: **RASHTREEYA SIKSHANA SAMITHI TRUST**

Parent Teachers Meeting [PTM]

Parent Teachers Meeting on 25-02-2017

The Department of Information Science and Engineering, R V College of Engineering organized a Parent – Teacher Meeting for the even semester 2017 on Saturday, the **25-02-2017** at ISE Seminar Hall. Around 25 parents attended the meeting . The meeting started at 10.30 a.m after tea with the welcome address by the HOD, Dr. N.K Cauvery. The other progress in the department activities was also briefed. The importance of NBA visit was told to the parents on this occasion. The faculty and staff were also introduced to the parents. After the presentation, the forum was opened for discussion. Counsellors for all semesters interacted with the parents and provided necessary inputs for the clarification of their queries.

University of Hyderabad Visit

The Department of Information Science and Engineering, R V College of Engineering organized a UoH Visit during **25 to 27 Feb, 2017**. Prof. Chethana R Murthy, Dr. G N Srinivasan, Prof. Raghavendra Prasad & Prof. Rashmi R along with 14 students visited University of Hyderabad for academic & research purpose.

Industry Visit(s)

The department of ISE has organized an Industry visit to **TE Connectivity** , EPIP zone, Doddanekundi, (white field), Bangalore—560048 on Tuesday, 14-02-2017 for the benefit of students.

Mr. Ankur Sahni ,**Mr. Nagesh & Mr. Jose Mathew** were instrumental in facilitating this visit. *Dr. Shantharam Nayak* discussed with Ankur and coordinated this event. The faculty coordinators : *Prof. Anisha B S* joined the students in a bus and reached the company at scheduled time(01.45 pm) on *Tuesday, 14-02-2017. Mr. Ankur* gave brief introduction about TE Connectivity and shared a short video about its standings across the globe. TE Connectivity Ltd, formerly Tyco Electronics Ltd, designs and manufactures connectivity and sensor solutions for a variety of industries including automotive, industrial equipment, data communication. TE Connectivity basically manufactures the connectors which goes with major equipments, electronic goods, computer peripherals. The connectors are used to make seperatable connection *Mr. Jose Mathew* presented the information about manufacturing process adopted in TE Connectivity. He explained about Lean management systems. Later Jose along with *Manu & Naveen* took the students in a group to manufacturing units (floor visit). The various facilities like : R & D, Work place, Manufacturing unit, which were spread in different floors of the building were shown during the rounds.

Manufacturing Process Demonstration:

Jose Mathew, Manu & Naveen took the students in to manufacturing units. Actual process of manufacturing the connectors was shown to us. The molding unit, Pressing unit, Insertion etc were demonstrated. Majority of the process operated at these machines were automated. Total 34 UG students participated & benefited from this visit.

National Conference on "Intelligence Transport System" [ITS-2017] 2, 3 , 4 March, 2017

The departments of CV, ECE, EIE, CSE, ISE, IEM & EEE jointly organized a National Conference on "Intelligent Transport System [ITS-2017]" during **2 , 3 & 4 March 2017**. On 2 March all the participants were taken to facility visit at Central traffic control BMTC. The conference was inaugurated on Friday, 03-03-2017. Prof. K N Rajarao welcomed all the participants for this conference. Dr. K N Subramanya—Principal, RVCE briefed about the plan and execution of conference. **Dr. Ekroop Kaur**—MD, BMTC was the chief guest delivered inaugural address. She addressed the gathering and told about the importance of efficiency of vehicle in service and road safety. She stressed upon to make our city more livable. **Dr. Karisiddappa—VC VTU** was guest of honor. He addressed the audience & opined that ITS is an interdisciplinary area of research.

Industry Visit

Industry Visit to Unisys : The department of ISE has organized an Industry visit to **Unisys** , Near Richmond circle Bangalore—560025 on Friday, 03-02-2017 for the benefit of students.

Mr. Subhash Chandra and **Mr. Nagaraja K** were instrumental in facilitating this visit. The faculty coordinators : *Dr. Shantharam Nayak, Prof. Rekha B S, Prof. Kavitha S N* took the students in a bus and reached the company at scheduled time (12.30 pm) on *Friday, 03-02-2017.* After the security check, the faculty members and the students were given with visitors pass.

Data center visit:
Mr. Nagaraj lead the students to the Data center (Unisys India data center) batch by batch. *Mrs. Archana, Mrs. Rashmi and Mr. Ashok* who were the in-charge in data center explained the complete structure. They have shown and explained various types of servers (Modulo, Rack, Tower), storage facility, networking infrastructure etc. The students interacted during the demonstration. Total 36 students participated in this visit and drawn benefit from this. Later dignitaries from Unisys addressed the students. They explained the concept of Unisys technology that is under use. Unisys has built a strong and secured OS (OS2200) whose vulnerability is quite satisfactory. ClearPath MCP is a complete operating environment that includes all of the software needed to operate a demanding application environment. Total 35 students participated.

Industry Visit to Vmware : The department of ISE has organized an Industry visit to **Vmware** , Kalyani Vista, 4th phase JP nagar, Bangalore—560076 on Thursday, 09-02-2017 for the benefit of students.

Mr. Prajwal , **Mr. Sandeep & Mr. Kaushik** were instrumental in facilitating this visit. *Dr. Shantharam Nayak* discussed with Prajwal and coordinated this event. The faculty coordinators : *Dr. G N Srinivasan, Prof. Rekha B S, Prof. Kavitha S N* joined the students in a bus and reached the company at scheduled time(01.15 pm) on *Thursday, 09-02-2017* . The various facilities like : R & D, Work place, Business unit, Data center, Cafeteria, Digital library, Gymnasium which were spread in different floors of the building were shown during the rounds. A talk delivered by Mr. Irfan Ulla Khan. Total 36 students participated in this visit.

"8th Mile" a National level college fest was conducted during 24 to 26 March, 2017

Faculty Profile Strengthened

- ♦ Dr. Shantharam Nayak attended a TEQIP II sponsored Research Methodology workshop in RVCE during 18-20 Feb 2017.

- ♦ Dr. Shantharam Nayak attended TEQIP II sponsored workshop on Optimization for Design and Engineering in RVCE during 09-11 March 2017.

- ♦ Dr. Shantharam Nayak attended 51st CSI Annual convention at Coimbatore during 23-25 Jan 2017.

- ♦ Prof. Shwetha S attended a Faculty Development Programme on "Computational Data Sciences" at JSSATE, Bangalore during 16 to 21 Jan, 2017.

- ♦ Druthi H G, Anup Karunan, Swetha S published a paper titled "Modeling Behavior of High-speed ser/des links using C/C++ " in Journal of Advanced Research in Applied Sciences, Vol 4, Issue 1, Jan-June 2017, pp 146-150, ISSN: 2394 8442.

- ♦ Prof. S G Raghavendra Prasad attended MSR-ACM India Academic Research Summit held at sathish Dhawan Auditorium, IISc, Bangalore during 24 & 25 Jan, 2017.

- ♦ Prof. S G Raghavendra Prasad organized a National Conference under TEQIP II on "Intelligent Transport System [ITS-2017] in RVCE during 2-4 March, 2017.

- ♦ Prof. S G Raghavendra Prasad organized "Ideathon" under TEQIP II in RVCE during 31 March, 2017.

- ♦ Prof. S G Raghavendra Prasad attended 2 days symposium on "Smarter Cities" at MSRIT during 10 & 11 March, 2017.

- ♦ Prof. S G Raghavendra Prasad attended webinars on 23 & 31 March 2017 and earned 1 PDH from IEEE.

- ♦ Prof. Priya D, Dr. Andhe Dharani attended a FDP on "Smart Leaving & Opportunities" under Academic Interface Program organized by TCS in its office whitefield during 10 Feb 2017.

- ♦ Dr. Shantharam Nayak has been honoured by RSST for the academic achievement during annual function on 26 Jan 2017.

- ♦ Dr. Sagar B M has been honoured by RSST for the academic achievement during annual function on 26 Jan 2017.

- ♦ Prof. Kavitha S N has been honoured by RSST for the academic achievement during annual function on 26 Jan 2017.

- ♦ Prof. Smitha G R has been honoured by RSST for the academic achievement during annual function on 26 Jan 2017.

- ♦ Prof. Geetha V has been honoured by RSST for the academic achievement during annual function on 26 Jan 2017.

- ♦ Mr. Umesh I M has been honoured by RSST for the academic achievement during annual function on 26 Jan 2017.

Workshop on Mobile Application Development

Workshop on MAD (6th to 25th February, 2017)

Departments of Computer Science and Engineering, Information Science and Engineering and Master of Computer Applications of R V College of Engineering, Bengaluru – 560059, have jointly organized a workshop on "Mobile Application Development[MAD]" for Enhancement of Employability of PG students during 6th to 25th February 2017. **The sponsored by TEQIP 1.2.** Technical Experts from CodeFrux Technologies , Bangalore delivered effective theoretical and Practical hands on Sessions.

Final review and industry based suggestions was given by Infosys Industry experts, Mr. Venkata Krishnan, Research Analyst, Infosys Mysuru and Mr. Goutham K, Team Infosys. The experts were very happy about the model adapted in the workshop and appreciated the students performance.

The workshop concluded with Project presentation, overall summary, feedback by participants and certificate distribution. Prof. K N Raja Rao and Dr. K N Subramanya graced the occasion. Vote of Thanks was delivered to all the stakeholders of the workshop. Light refreshment was arranged for all at the end of valedictory function. Total 50 students participated in this workshop.

Workshop on "Machine Learning with Python" :

The department of Information Science & Engineering, R. V. College of Engineering, Bengaluru has conducted a workshop on "Machine Learning with Python" on **Saturday, 04-03-2017** in ISE seminar hall. Total 34 students participated.

Agenda:
- Introduction to Machine Learning
- Introduction Python programming.
- Simple program development in Python Interaction & QA

Resource persons:
1. Mr. Gautham Pai – Founder & CEO, Jnaapti
2. Mr. Hitesh – Developer / Trainer, Jnaapti
3. Mrs. Shree Lakshmi – Co-founder, Jnaapti

Dr. Shantharam Nayak coordinated this event.

A Very Happy New Year 2017