



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

## NEWS LETTER

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Chief Editor: Dr. Shantharam Nayak

Co-editors: Dr. Cauvery N K, Prof. Sushmitha N; Student members: Aashish Jaisimha(6th), Harshavardhan(8th)

### 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 interdisciplinary projects, co-curricular and social activities.

## Activities...

### ISE Alumni Meet: 28-10-2017

The department of Information Science & Engineering, R. V. College of Engineering, Bengaluru has conducted "ISE Alumni Meet" on **Saturday, 28-10-2017** in ISE seminar hall. As per our invitation more than 48 alumni have registered to participate in the event. The event started with breakfast at 9.30 am in the department. Subsequently all the participants assembled in ISE seminar hall at 10.30 am. Prof. Rashmi R (Alumni coordinator) gave brief background of the event. The programme started with a nice invocation. Dr. N K Cauvery (HOD-ISE) welcomed all the alumni, faculty members, invitees for this event. She presented the latest development and the progress made in last three years. Dr. K N Subramanya(Principal) advised the alumni to actively involve in the growth of department and institution. , Dr. N K Srinath (Former HOD-ISE & General secretary Alumni Association), addressed the participants and briefed about various activities of alumni association.



Do you Know ???

- An ostrich's eye is bigger than its brain
- The average person laughs 10 times a day!
- Fingernails grow nearly 4 times faster than toenails!

# Parent Teachers' Meeting [PTM]

## Parent Teachers Meeting on 14-10-2017

The Department of Information Science and Engineering, RV College of Engineering organized a Parent – Teacher Meeting for the odd semester 2017 on Saturday, the **14<sup>th</sup> of October 2017** at ISE Seminar Hall. Around 20 parents attended the meeting. The meeting started at 10.00 a.m after tea with the welcome address by the HOD, Dr. N.K Cauvery. In addition to welcoming the parents to the meeting, she presented a brief account of the activities of the department including academics, Student and Staff achievements, Departmental research activities, Extra and Co-curricular activities, Placement Statistics etc. The faculty and staff were also introduced to the parents. After the presentation, the forum was opened for discussion.

Faculty members interacted with parents and discussed various academic and other related information. Counsellors for all semesters interacted with the parents and provided necessary in-



## Staff Participation : TARANGA 2017



### Keep it Up !!!

The staff members of ISE jointly with few other staff members performed a dance programme with traditional attire in kannada “TARANGA-2017” programme held on 30-10-2017. Dr. Shantharam Nayak appeared with Yakshagana attire in the procession.



## CSI Students Convention : Award

### Congratulations

#### 31st CSI Karnataka Students Convention @ CIT, Gubbi

The 31<sup>st</sup> CSI Karnataka student's convention with the Theme “ Digital Transformation : Challenges & Opportunities” was conducted by Channabasaveshwara Institute Technology, Gubbi during 13<sup>th</sup> & 14<sup>th</sup> October 2017 in association with CSI Bangalore Chapter.

RVCE(ISE) students have presented the following papers:

31SP-05 – “NLP Based Web Crawlers with Neo4J and HBase Databases”, by Samrudh J & Shreyas S B – 7th sem ISE, RVCE, B'lore, pp 32.

Following students won the Awards:

**CSI-BC “ Best Paper” award won by the paper 31SP-05**



**Orientation session** : R.V College of Engineering organized a Orientation programme for PG students on **Friday, 27-10-2017** in IEM auditorium. The participants were all 1st semester PG students. Dr. M S Krupashankar (Dean PG studies, non-circuit branches) set the tone and started the programme. Prof. R K Manjunath (Dean PG studies, circuit branches) welcomed the principal, speakers, faculty members and participants. Dr. Ramakanth Kumar – Dean academics, told about the autonomous scheme and examination system. Dr. K N Subramanya, principal, RVCE has explained about RVCE and the facilities for learning and research. Dr. N K Srinath – Dean student affairs proposed the vote of thanks in the programme. Later Prof. Ranganath D – Dean placement explained the process of placement, Internship & recruitment. Prof. Vasudeva Banninathaya – Controller of Examination presented about Examination & Evaluation system. Prof. Nayak from ISE department mobilized our PG students and coordinated this event.

## Session on “How to Write Technical paper” ? :

The department of Information Science & Engineering organized a workshop on “How to write a technical paper ?” and “Report writing” on Tuesday, **21-11-2017 & 28-11-2017** in ISE seminar hall. Dr. Shantharam Nayak (Professor ISE, RVCE, B'lore-59) was the resource person.



- A Career Development Guidance by Akriti was arranged on **02-11-2017**
- Seniors & Juniors Interaction was organized on Saturday, **18-11-2017** in ISE seminar hall.

## Awareness on IPR

**Awareness Programme on IPR** : R.V College of Engineering organized a seminar on “Intellectual Property Rights, Plagiarism and copyright” on **Tuesday, 12-12-2017** in IEM auditorium. The participants were all 1st semester PG students. Dr. M S Krupashankar (Dean PG studies, non-circuit branches) set the tone for the programme by giving the overall picture and current scenario. Prof. R K Manjunath (Dean PG studies, circuit branches) welcomed the speakers, faculty members and participants. He introduced the speaker **Dr. Anil Suraj** (Professor, IIM Bangalore) to the audience and requested to deliver the talk. Dr. Anil Suraj started his talk by mentioning the importance of IPR. He told that we need to respect the value of others who developed the concept when we refer such work. Idea belong to the body of knowledge, give proper shape to the idea as soon as it comes to mind and then refine. Always Intellect with integrity is more powerful. He had advised the participants to take care of ideas and plan to publish before it diminishes. Copyright violation is a crime. Bringing clarity in ideas / thoughts make one to deeply involve in the work associated. Later after the break, **Dr. K N Subramanya** addressed the participants. He presented about the information on plagiarism and copyright.



## Faculty Profile Strengthened

- ◆ **Praveen Naik, Shantaram Nayak**, A paper titled “ Insights on Research Techniques Towards Cost estimation in Software Design”, **International Journal of Electrical and Computer Engineering(IJECE)**, Vol 7, Issue 5, Oct 2017, pp 2883-2894, ISSN : 2088 8708, Impact Factor 1.22 DOI: 10.11591/ijece.v7i5.pp2883-2894 (Scopus indexed)
- ◆ **Aaishajun Basheer, Dr. Shantharam Nayak**, A paper titled “An Advanced Caching Solution to Cluster Storage Environment”, **International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC)**, Vol 5, Issue 12, December 2017, pp 28-32, ISSN: 2321 8169, Impact Factor 5.837
- ◆ **Dr. Shantharam Nayak** attended 31st CSI Karnataka students convention held at Channabasaveshwara Institute of Technology, Gubbi during 13 & 14 October, 2017.
- ◆ **Dr. Shantharam Nayak** delivered a talk on “Professional body Association for Career shaping” at Reva University on 7th October, 2017.
- ◆ **Prof. Padmashree T** attended a conference on “IoT Next” at park plaza, Bangalore, organized by IT/BT department during 8 & 9 November, 2017.
- ◆ **Prof. Padmashree T** attended a conference on “Revolutionizing Health care with IoT” at Hotel The Leela, Mumbai organized by Govt., of India during 1 & 2 December, 2017.
- ◆ **Dr. Shantharam Nayak** was the guest in the valedictory of “31 CSI Karnataka Students Convention” held at CIT-Gubbi on 14 October, 2017.
- ◆ **Mr. Umesh I M** from R.V. College of Engineering has Excelled as a **QEE System Admin** of the initiative in the phase between Aug-Nov, 2017. in making the program effective for students & faculty.



## CSITSS-2017 (21<sup>st</sup> to 23<sup>rd</sup> December 2017)

The Departments of CSE & ISE & MCA jointly organized an International Conference on “Computational Systems and Information Technology for Sustainable Solutions [CSITSS-2017]” during 21<sup>st</sup> to 23<sup>rd</sup> December, 2017. The inauguration scheduled on 21-12-2017 at 10 am in IEM auditorium. The inauguration started with an invocation by Srushti. Dr. K N Subramanya – Principal, RVCE with an introduction to RVCE profile, welcomed the gathering. Dr. G Shobha(HOD-CSE) briefed about the conference. Dr. Rajashree Shettar (professor, CSE) introduced Dr. Lakshmi Varahan – Professor CS, University of Oklahoma, Norman. He appraised the growth of RVCE in the field Education and appreciated. Dr. G S Nagaraj (Professor, CSE) introduced Dr. S S Iyengar, Professor, Florida International University(FIU). Dr. Iyengar briefed about the need and state of the art technology development. An MOU was exchanged between RVCE & FIU. Dr. M K Panduranga Setty – President, RSST delivered the presidential address. Dr. N K Srinath proposed the vote of thanks. The CSITSS-2017 showcased 62 Technical / Research paper presentation and 6 plenary talks, a panel discussion on the theme.

### The Resource Persons are :

**Dr. S S Iyengar**, Ryder Professor & Director School of Computing and Information Sciences (SCIS), Florida International University, Miami, USA talked on “AI and Deep Learning: A New Revolution in Software Development”

**Dr. S. Lakshmi Varahan**, Professor, University of Oklahoma talked on “Network Science/ Network Systems – a panoramic view”

**Dr. S. R. Mahadeva Prasanna**, Associate Professor, IIT Guwhati, Assam talked on “End to End Speech Processing by Machine Learning”

**Mr. Vasudev Kolar**, Head of Analytics, R&D, Nokia Technology talked on “Data and Analytics”

**Dr. Sajjan Shiva**, Professor, University of Memphis, talked on “Cloud Computing Security and Privacy”

**Mrs. Girija Kolagada**, Director, Oracle India, Bengaluru, talked on “Cloud Native”

**Mr. Raghu Iyer**, Versatilist Consulting India Pvt Ltd, Bengaluru talked on “Security in SMAC”

### Panel Discussion :

Theme: “Societal Challenges for Implementing SMAC”

Social media, Mobility, Analytics and Cloud computing [SMAC]

Mr. Vikas Sharma, Sr. Program Manager, LG Soft, Bangalore

Mr. Raghu V Iyer, Versatilist Consulting India Pvt Ltd, Bengaluru.

Mrs. Girija Kolagada, Director, Oracle India, Bengaluru

Dr. H S Jayanna, Professor, ISE, SIT-Tumakuru

Dr. G S Nagaraj (Moderator), Professor, CSE, RVCE, Bangalore.



# Welcome New Year 2018

**Contact:** Editor, InfoBee, Department of Information Science & Engineering,  
R.V.College of Engineering, BENGALURU—560059, 080-67178086; Email: [iservice1@gmail.com](mailto:iservice1@gmail.com)