# CANARA
## ENGINEERING COLLEGE
### INFORMATION SCIENCE & ENGINEERING

ESTD. 2001
CANARA ENGINEERING COLLEGE
IN PURSUIT OF PERFECTION

NEWSLETTER

# IKSHA
## The vision

# IKSHA



## DEPARTMENT VISION

To be a premier Department in Information Science and Engineering by providing an excellent learning environment that encourages innovation and leadership among engineers in order to meet the demands of ever-changing industries.



## DEPARTMENT MISSION

1. To impart leadership quality and communication skills in the field of Information Science & Engineering.

2. To train and transform young students to become technology thinkers and facilitate quality ventures which meets the industrial and societal needs.

3. Encourage students to become well-rounded in their professional competencies.

**Chief Editor IS&E:**



**Ms. Geethalaxmi**
**Asst. Professor**

## STUDENT EDIOTRS



**Ms.  Shwetha S Pai**
VII IS



**Mr. Akash Pai**
V IS



**Ms. Varsha Shenoy**
III IS

## INTRODUCING OUR NEW HEAD OF DEPARTMENT

We are here, pleased to introduce Dr. Sumathi, Associate Professor, as the Head of Information Science & Engineering Department and looking forward to a bright future with her leadership. We would like to take this opportunity to thank and acknowledge our previous Head of Department Prof. Sunil Kumar B. L., for his guidance to students and faculty.

## Brief Profile:

Dr. Sumathi received her PhD in "Discovery and Integration of Web Services Using Data Mining Techniques" under the guidance of Dr. Niranjan N. Chiplunkar in Computer Science and Engineering Department, NMAMIT, Nitte, Karkala, from VTU. She did her M.Tech from NITK, Suratkal, Karnataka and presently working as Associate Professor & Head of the Department of Information Science and Engineering. She has 15 years of teaching experience. Her research area includes Web Services, Cloud Computing and Data Mining. She is associated with ISTE and also published 15 papers in National and International conferences as well as in indexed journals. She is identified as Silver Partner Faculty of Infosys Campus Connect in the year 2015, 2016 and 2017. She also received a grant of 5.5 lacks from AICTE towards MODROBS project.

### MESSAGE FROM HEAD OF THE DEPARTMENT

"The price of success are dedication, hard work and an unremitting devotion to the things you want to see happen.'

 **- Frank Lloyd Wright**

The Information Science & Engineering Department is focused in cultivating well-educated and highly skilled students. The Department is established in the year 2004, provides quality education at affordable cost to the students. The department has well qualified, dedicated and experienced teaching and non-teaching faculty members with different specializations. Also it has well equipped laboratories to meet the requirements of the University and the students.

*Dr. Sumathi*
**HOD**
**IS&E**

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## DEPARTMENTAL ACTIVITIES

### BRANCH ENTRY

Department has organised Branch Entry an event for 2nd year students under the departmental association. The program began with the formal function. Prof. Sunil kumar B.L. HOD and Prof. Ramesh Nayak addressed the students regarding branch association and facilities in the department level. CIPIX team welcomed & conducted various technical and cultural activities for the second & final years. The program came to an end at 3:40 PM.



## FRESHER'S DAY

We have jointly organised fresher's day & other activities for first year IS students along with other branches. Cultural activities were started at 9:15 in auditorium. Prof. Ramesh Nayak has addressed the students regarding facilities and support available in the department. Departmental Activity coordinator Prof. Narayan Naik has addressed about CIPIX-Committee & vice president welcomed the students. Ms.Enel 4th year spoken about ITC & Placement activities. Mr. Shreyas N spoken about personality development. Many technical and gaming activities were conducted. Finally activity ended with mini-project demonstration done by the final year students.
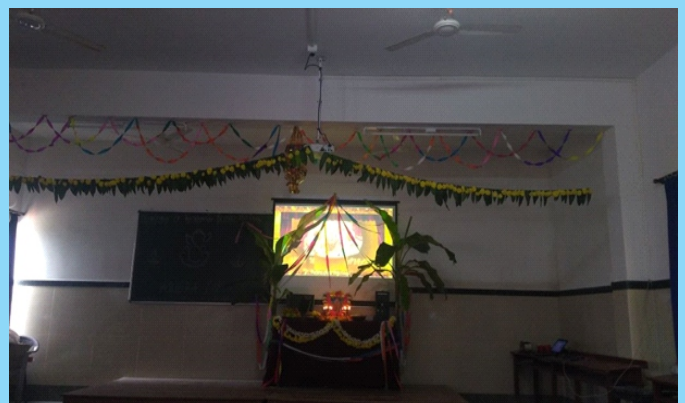
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## WORKSHOP ON IoT

A two day workshop titled "Internet of Things" was held on 23$^{rd}$ Sep 2017 and 24$^{th}$ Sep 2017 at CEC by the IIPC committee of CSE/ISE department is in association with IEEE Student branch and Fluxgen Technology Pvt Ltd, Bangalore. The workshop was inaugurated by the chief guest Prof.Ashwini Holla and motivated students to actively participate in the workshop and get maximum knowledge on latest technologies of IoT. The resource person Mr.Ganesh Shankar spoke about basics of Internet of things followed by hands on session. Ms.Krithika demonstrated working of IOT protocols and network security. Jagatheeswaran Senthil velan demonstrated IOT applications in the domain of mobile apps with Aurdino and commercial applications. This workshop was organized by Prof. Pragathi Hegde and Prof. Namratha Padiyar.



## AYUDHA POOJA CELEBRATION

Ayudha Pooja was conducted in the college on **28$^{th}$ Sep 2017** to seek the blessings of almighty. Pooja in the department was held at 10.30 a.m. Faculty and students have actively taken part.

## ADVANCED CODEMITRA & CONCEPTUAL BASED WORKSHOP:

Advanced Codemitra & Conceptual Based Workshop is conducted for final year students $7^{th}$ to $11^{th}$ August



2017. Resource person was Mr. Rakesh Chandalia and Ms. Ramya who are currently working as a technical trainer in Ethnus. It was conducted in association with ETHNUS.
Mr. Ranganatha K, Ms. Saritha Suvarna & Mr. Anal B were the faculty coordinators for the workshop. The students has learnt the following concepts during the Advanced Codemitra workshop:

➢ Need for OOP Class & Objects, Encapsulation, Access Modifiers, Introduction to database ER diagram DDL Installing MySQL / Oracle, Connecting to MySQL, Creating schema / database Normalization- First, Second & Third normal form

➢ The students also learnt the following concepts during the conceptual based workshop:
Arrays, Array operations, 2- Dimensional Array, N-Dimensional Array, Structures, Unions, Array of Structures, Array of Unions etc.

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## INDUSTRIAL VISIT

Our 5<sup>th</sup> SEM students have visited spectrum Softech Pvt.Ltd. Kochi, Kerala along with the faculty Mr. Rangantha K & Ms. Saritha Suvarna.



## FACULTY NEWS
### ACHIEVEMENTS

Dr. Sumathi Recognized as SILVER partner faculty continuously for three years under Inspire – The Campus Connect Faculty Partnership Model – 2015, 2016 and 2017 of Infosys Campus Connect.

Prof. Sunil Kumar B. L, Prof. Saritha, Prof. Sadhana, Prof. Geethalaxmi, Prof. Pragathi Hegde and Prof. Vasanth Nayak have obtained A Grade in IIT Bombay certification course on Object Oriented Programming.

Prof. Sunil Kumar B. L, Prof. Saritha and Prof. Sadhana have obtained A Grade in IIT Bombay certification course on Algorithms.

Prof. Shivakumar K. M has obtained A+ Grade in IIT Bombay certification course on Object Oriented Programming.

Prof. Ramesh Nayak has obtained B Grade in IIT Bombay certification course on Object Oriented Programming.

## Faculty Publication

Sumathi, Dr. Niranjan N Chiplunkar "Open Source APIs for Processing the XML Result of Web Services", International Conference on Advances in Computing, Communications and Informatics (ICACCI) (Scopus indexed & Thomson Reuters indexed conference). MIT – Manipal, Dated 14-16 September 2017, Published on December 04 December 2018, IEEE Page 1848-1854.

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## WORKSHOP ATTENDED

Dr. Sumathi has attended a Faculty Enablement program on "Internet of Things" at NMAMIT, Nitte from 18th to 22nd December 2017.

Prof. Geethalaxmi and Prof. Sadhana B have attended 3 days Workshop on "Avenues of Cryptography in Network Security" at NMAMIT, Nitte from 14th December 2017 to 16th December 2017.

Prof. Pragathi Hegde and Prof. Anal B have attended 5 days F.D.P on "Real time software engineering and project management "at NMAMIT, Nitte from 18th to 22nd December 2017.

Prof. Vasanth Nayak has attended workshop on Firewall Configuration at Alva's Institute of Engineering and Technology from 8th Jan 2018 to 12th Jan 2018.

Prof. Archana R Priyadharshini has attended 5 days Workshop on "Machine Learning and it's Applications in Engineering and Technology" at NMAMIT, Nitte from 2nd Jan to 6th Jan 2018.

## STUDENT NEWS
### CULTURAL NEWS

ONAM was celebrated on 9th September 2017 in the college, during which competitions were held and there was a great participation from the students of IS Branch. Here is a glimpse of festival that celebrates Maaveli's homecoming:



## SPORTS NEWS

Mr. Rohan R Bhat of IV year IS has participated in a VTU level Mangalore zone Table Tennis Tournament at NMAMIT, NITTE from 28th to 29th August.