R R Institute of Technology

Chikkabanavara, Bengaluru-90

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Vidyunmaana

From the Principal's Desk

Index of this issue

Hearty Congratulations to the Department of Electronics and Communication Engineering for compiling the achievements of the faculty and students and presenting them excellently through the department newsletter "Vidyunmaana".

Dr . Manjunatha M B
Principal , RRIT

From the HOD's Desk

I am very pleased to unveil Vol 3 ,issue 1 of our department newsletter "Vidyunmaana". In this

issue, we have presented the new related to diverse activities conducted by the department andalso contributions and achievements of our faculty members and students.
Dr.Sunitha H D
HOD, Department of ECE, RRIT

Vision

Producing innovative, creative and ethical Electronics & communication engineers and focus to meet socio-economic needs of world by 2020.

Mission

• To Impart quality education in the field of Electronics & Communication Engineering students to meet the global technical and professional standard.

Editor in Chief:
Dr.Sunitha H D

Magazine committee:
Prof. Parimala Gandhi
Prof.Ravi M K
Prof.Anshu Deepak
Prof. Niranjan
Prof. Savitha
Prof.Suhas
Prof. Sreekanth
Prof.Chandra kumar

Message from the Editorial desk

I am very much delighted to present Department newsletter"Vidyunmaana"Vol3, Issue-1. The Newsletter projects the milestone ofdepartment achievement. I thank all the achievers for their distinguished performance.

Prof. Premsagar H

Education Breeds Confidence,
Confidence Breeds Hope,
Hope Breeds Peace.

❖ <u>**Activities in the Department :**</u>

1. Orientation Program for the Academic year 2018-2019 :

Students were briefed about the rules and regulations of the department, the activities that would be conducted in the department for the odd semester 2018-19.

2. "World organ donation day" was organized by the Department of Electronics and Communication Engineering on 11/8/18 in association with **"Gift Your Organ Foundation".**

Resource Persons: 1) **Mrs. Priyanka Shylendra, CEO, Gift Your Organ Foundation & Trustee of ASTHA**
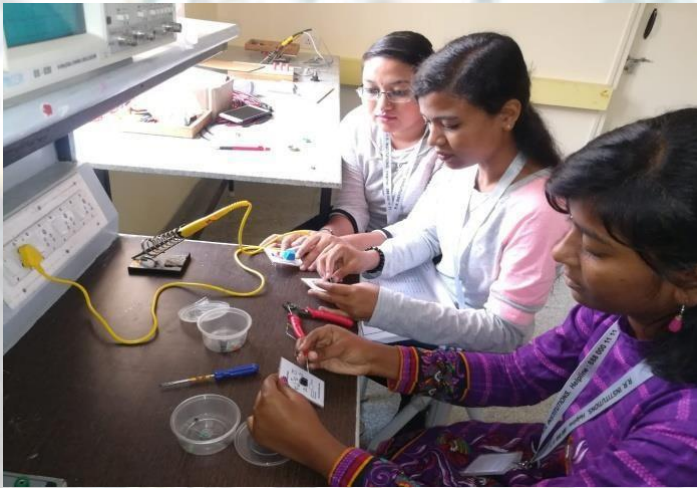2) **Mr.Sachin, Volunteer, Gift Your Organ Foundation**

The main objective of the event was to create an awareness among the students about the need of organ donation, To distribute the message of organ donation, To remove hesitation of people about donating organs and to motivateand encourage more people towards organ donation in their life.

3.   Two days workshop on " Circuit Prototyping" was organized jointly by the Department of ECE and EEE on 27/9/2018 and 28/9/2018 in association with Indian Techkeys.

Resource Persons: Indian Tech-Keys

The Main objective of this workshop was to make the students conceptually and practically aware about Understanding the steps andprocesses involved in PCB design Process

4. **An Industrial visit to HAL and ISRO was organized by the department for the final year students on 03/10/2018.**
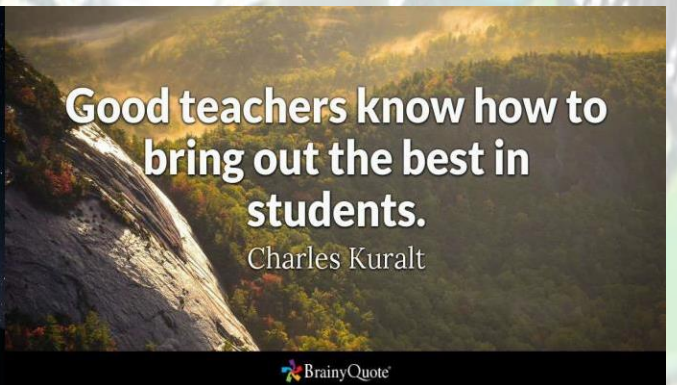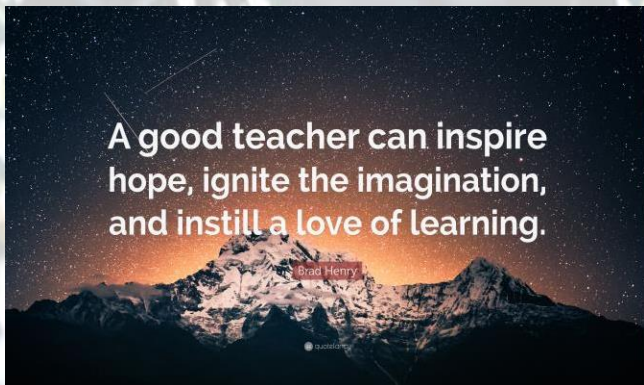

Students at HAL Heritage Centre

Prof.Suhas and Prof.Premsagar with the students at HAL and ISRO

5. **Teacher's Day Celebration in the Department on 5th September:**

A good teacher can inspire hope, ignite the imagination, and instill a love of learning.

Good teachers know how to bring out the best in students.
Charles Kuralt

6. A one day workshop on " Intellectual Property Rights" was organized by the department on16/10/2018.

The knowledge of IP is very important for engineers. This is because a lot of technical innovations occur in engineering institutes and to protect them ,knowledge of IPis necessary. Knowledge of IP helps an engineer to not only protect his valuable ideas and thus create 'intellectual property' but also to promote its licensing and development inthe larger interests of society.

Resource: KSCST, IISc Campus, Bangalore

6. Ayudha Pooja celebration on 17th October in the Department :

Student accomplishments :

☆ **Top scorers of odd semester 2017**

Department Topper

Santhoshi Lakshmi
1RI14EC050
81%

2nd Sem	**Adarash M P** **1RI17EC001** **CGPA: 7.84**	**Ashiwarya S** **1RI17EC002** **CGPA: 7.80**	**Ajay K S** **1RI17EC003** **CGPA: 7.79**
4rd Sem	**Supritha Bhimanna Koti** **1RI16EC027 SGPA–7.50**	**Bhanuprakasha S** **1RI16EC004** **SGPA–7.07**	**Shreyas Nadig S** **1RI16EC025** **SGPA- 6.79**
6th Sem	**Sandya B M** **1RI15EC040** **SGPA-7.96**	**Chaitra B** **1RI15EC011** **SGPA-7.92**	**Shilpa Mandal S** **1RI15EC042** **SGPA-7.88**
8th Sem	**Manjunath G** **1RI14EC030** **78 %**	**Pavan Kumar K** **1RI14EC039** **75.5 %**	**Jyothi M** **1RI14EC020** **74.2 %**

❖ **Internship programs attended by 7ᵗʰ semester students:**

1. **Ms. Aishwaraya K, Ms. Aishwaraya B, have undergone the Internship Program at Bharat Electronics Limited(BEL),Bengaluru from 09/07/2018 to 07/08/2018.**

2. **Ms.Ashwani L,Ms. B R Pallavi,Ms. Brunda N, Mr. D Pramodh Punithan, Ms. D Sruthi Reddy, Ms. Sandhya B M,Ms. Shilpa Mandal S, Mr. Yatish S have undergone Internship at Bharat Heavy Electricals Limited(BHEL) ,Bengaluru from 09/07/2018 to 04/08/2018 .**

3. **Keerthana H, Pavithra G N , Saranya S, Bhavana S, Chaitra B, Harshitha M R , Lakshmi M S , Madhu J, S Shwetha Bai, Surendra S P , Lakshmi Mache, Ms. Manu M have successfully completed one month Skill training as the Part of Internship Conducted by Apex Hi-Tech Institute ,Bengaluru and National Skill Trainers Institute(NSTI) from 16/07/2018 to 10/08/2018 and undergone training in Designing and simulation using OrCAD and Testing of Fiber Optic Communication System .**

4. **Ms. Pallavi R and Ms Sushma M S has Successfully completed ITI Limited Internship during the period from 13/07/2018 to 10/08/2018 in the following areas " Telephones Defence Product ions, Switching Products, Research & Development ,Information Technology, Quality Assurance & IOT**

HOD Dr.Sunitha briefing NAAC peer team about the department

We are happy to inform that RRITis accreditated with B+ by NAAC , November 2018

Dr.Sunitha and Prof. Parimala Gandhi with the NAAC team during document verification

☆ **Cultural activities : students of the department performing during cultural activities organized for the NAAC team**

☆ Faculty accomplishments:

1. Prof. Ravi M K , P had attended final Viva-Voce for the completion of Ph.D from the Department of Electronics and communication, Himalayan University ,Delhi.

2. Prof. Pramila Gandhi G and Prof. Niranjan L attended the workshop on " A Practical Implementation of IoT using Python & Raspberry Pi" Conducted by ISM UNIV on 19th January 2019.

3. Prof . Premsagar H , Prof Savitha R attended a Five Day Faculty Development Program on "Internet of Things (IoT) and Python" from 28th January 2018 to 1st February 2019 @ Cambridge Institute of Technology ,Bengaluru .

4. All the faculty attende d the workshop on "CO-PO mapping for effective Implementation of Outcome based Education" organized by IQAC, RRIT on 18th Jan 2019.

5. Prof. Parimala Gandhi and Prof. Sreekanth received appreciation from the Management , RRIT for their contribution during NAAC accreditation process.

6. Prof. Anshu Deepak and Prof. Ravi with the students of final year at the BIEC exhibition on 30/01/2019:

❖ **Publications Between 01/08/2018 -30/01/2019**

1. Prof. Mohan Kumar B N Presented "Baugh Woolley Multiplier and carry look ahead Adder based FIR Filter design for DSP application ", Third IEEE International Conference on Electrical, Electronics, Communication ,Computer Technologies and Optimization Techniques (ICEECCOT-2018) in association with IEEE Bengaluru Section Organized by GSSS Institute of Engineering & Technology for Women, Mysuru on 14th & 15th December 2018.

❖ **Memorandum Of Understanding (MOU) :**

The Department has Signed a Memorandum of Understanding (MOU) with JETKING, Sadashivnagar

1. This Memorandum of Understanding is made on 30th of January 2019 between Jetking Sadashivnagar Learning Centre., a division of M/s. Manor Information & Management Services Pvt. Ltd., (MIMS) having its Registered Office at No.13, 2nd Floor, Opp. Bharat Petroleum, Sankey Road, Sadashivnagar Circle, Bangalore – 560 080 represented by Mr. H. A. Abdul Sajid and Department of ECE, R R Institute of Technology having its college campus at Raja Reddy Layout, Heseraghatta Main Road Chikkabanavara, Bengaluru, Karnataka 560090, represented by its Principal Dr. M.B Manjunath.

This MOU creates bridge between Academic and Industrial needs for the students and research scholar, This MOU's Creates a Platform to apply the theoretical knowledge and learn to understand the practical aspects required for the Industries needs and to create an Opportunity for the career growth.