



R R Institute of Technology

Chikkabanavara, Bengaluru-90



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Vidyunmaana

From Principal's Desk

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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

Vision

To impart technical education par excellence and prepare leaders to grow beyond leaps and bounds to serve the growing industries and society.

Mission

- To train the students to emerge as outstanding skilled technocrats imbued with professional ethics and managerial skills with commitment to the society and nation at large.*
- To create centre of excellence in the field of Electronics with industrial and university collaborations.*

From HOD's Desk



I am very pleased to unveil Vol 3 ,issue of our department news letter "Vidyunmaana". In this issue, we have presented the news related to diverse activities conducted by department and also contributions and achievements of our faculty members and students.

Dr.Sunitha H D
HOD, Department of ECE, RRIT

Message from Editorial Desk



We are very much delighted to present Department newsletter "Vidyunmaana" Vol3, Issue-1. The News letter projects the milestone of department achievement. I thank all the achievers for their distinguished contribution. Thank you

❖ Activities in the Department :

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 motivate and 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 Person: Indian Tech-Keys

The Main objective of this workshop was to make the students conceptually and practically aware about Understanding the steps and processes 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.

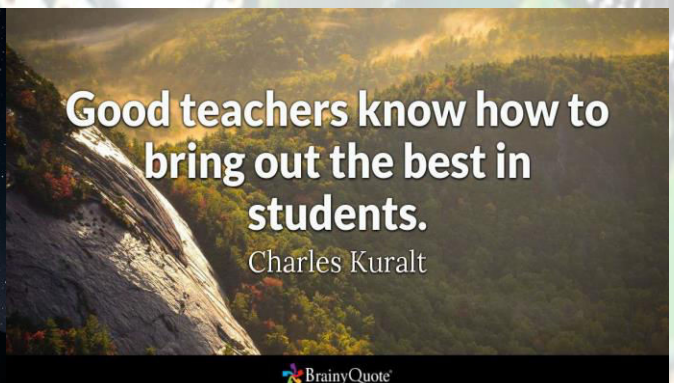
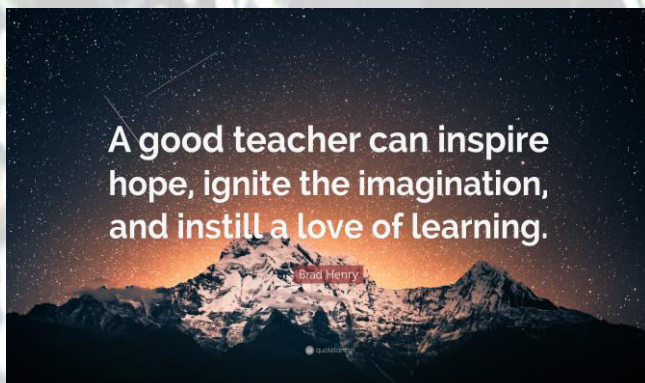


Students at HAL Heritage Centre



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

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



6. A one day workshop on “ Intellectual Property Rights” was organized by the department on 16/10/2018.

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 IP is 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 in the 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%

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

❖ Internship programs attended by 7th semester students:

1. Ms. Aishwaraya K, Ms. Aishwaraya B, have undergone the Internship Program in Bharat Electronics Limited(BEL),Bengaluru from 09/07/2018 to 07/08/2018 and Undergone Orientation in “NS-SLCS” SBV.
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 Intership program 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 succesfully completed one month Skill training as the Part of Intership 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



NAAC Peer team Visit : RRIT was accredited with B+ by NAAC , November 2018



HOD Dr.Sunitha briefing NAAC peer team about the department

☆ Cultural activities :

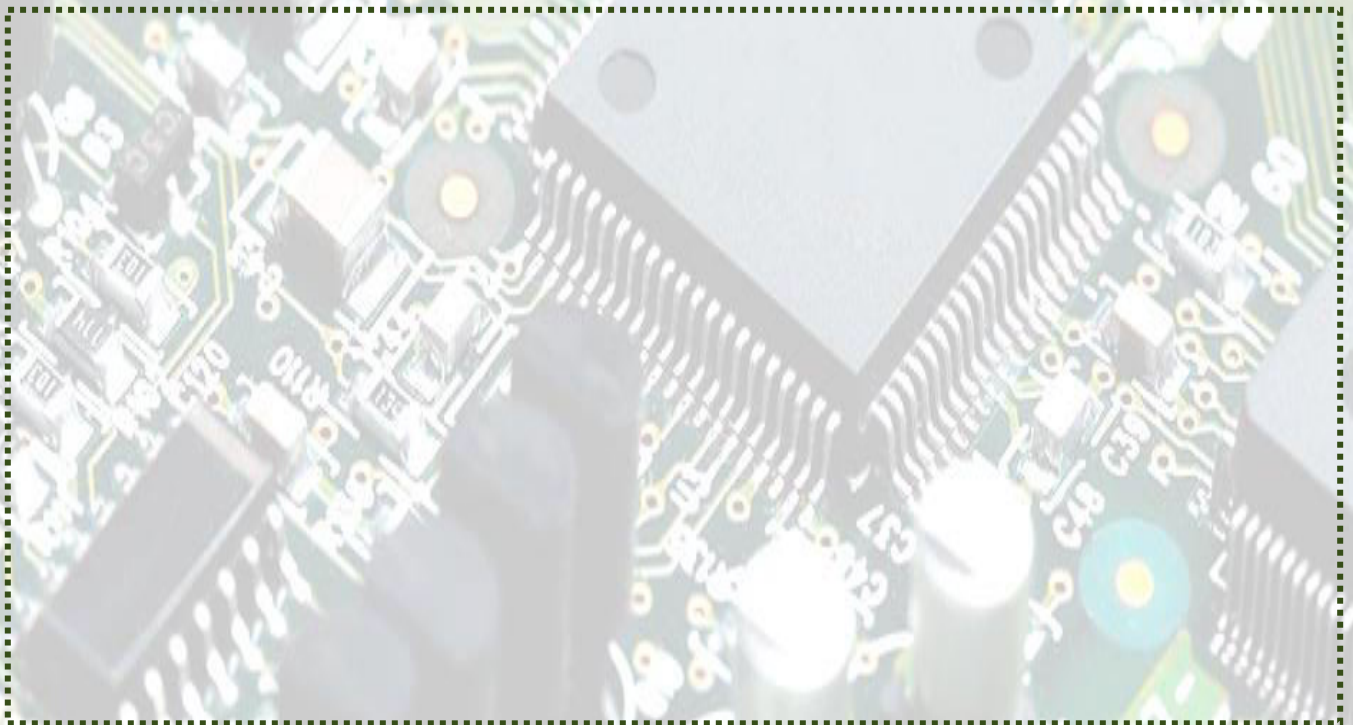


☆ Faculty accomplishments:

1. Prof. Ravi M K , P had attended final Viva-Voce for the completion of Ph.D in Department of Electronics and communication from Himalayan University ,Delhi.
2. Prof. Pramila Gandhi G and Prof. Niranjana 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. Faculty and 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 have Signed Memorandum of Understanding (MOU) between

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, Hesaraghatta 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 carrier growth.