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R R Institute of Technology

Chikkabanavara, Bengaluru-90

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

JULY 2019

Vidyunmaana

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 Prabha K, 4th sem

FROM PRINCIPAL'S DESK

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

HOD' S DESK

I am very pleased to unveil Vol 3 ,issue 2 of our department news letter

"Vidyunmaana". In this issue, we have presented the news related to diverse activities conducted by departmental association, RRAECE- R R Association of Electronics and Communication Engineers and also contributions and achievements of our faculty members and students.

Dr.Sunitha H D
Professor & Head, Dept of ECE

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.

❖ Activities in the Department :

1. Two day Workshop on “ARM cortex M3 Controller “ was organized on 8th and 9th of February 2019
Resource Person: **Prof Niranjan L and Prof Suhas A R** ,Assistant Professors ,Department Of Electronics and Communication Engineering, RRIT, Bengaluru.

The main objective of the workshop was to provide the students with the current trends of ARM controller



2. A One day Seminar on “Semiconductor Industry Opportunities and Challenges“ was organized in Association with **COREEL Technologies** ,Bengaluru on 15th February 2019
Resource Person: 1) **Mr. Arun John Mathias** ,
 Manager-Sandeepani, COREEL Technologies ,Bengaluru

The main objective of the seminar was to provide the students with an insight into the job opportunities available in VLSI/ Embedded industry and the skill set required for a fresher to acquire the job.



3. A Five day Workshop on “Computer Networks and its Application “ was jointly organized by the Department of Electronics and Communication and Information Science Engineering in Association with **Jetking ,Sadashivanagar** from 27th February to 03rd March 2019.

Resource Person: 1) **Mrs. Sunitha Aminngad**,
 Technical Manager , JetKing, Sadashivanagar, Bengaluru.



4. A One day work shop on “ **Network Simulation Using NS2**” was organized on 29th April 2019

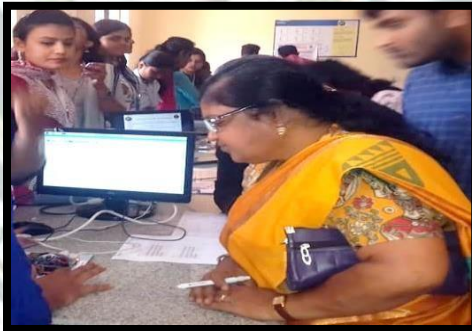
Resource Person : **Dr. Siddalingappagouda C Biradar** ,Associate Professor,. Department of ECE, Don Bosco Institute of Technology , Bengaluru.

This workshop was organized to enhance the learning of Networks beyond the VTU syllabus



HOD greeting Dr.Siddalingappa C Biradar

5. The Project Exhibition cum competition “ **Meraki 2019**” was organized to showcase the final year student project on 23/5/2019.



Mrs.Vanasundari , Research Head, ITI evaluating projects



Mr.Niranjan with the team of “Smart blind man stick”

❁ The Best project was awarded for “ **Smart Blind man stick**”, for Pramod D and Yathish guided by Dr. Ravi M K and Niranjan L

6. An Industrial visit to Jetking Sadashivnagar Learning Centre., a division of M/s. Manor Information & Management Services Pvt. Ltd for the sixth Semester students on 02nd and 3rd of March 2019.



Students and faculty at Jetking Networking Centre

7. An Industrial Visit cum project Exhibition to ITI limited , Krishnarajapura, Bengaluru on 18th May 2019

Mr. Muralidhar Y , General Manager of ITI interacting with the students on their projects

Mrs. Vanasundari , Additional GM of ITI had visited RRIT to evaluate the final year projects. She was very much impressed with the quality of projects and invited 4 projects from the department of ECE for an exhibition at ITI. The engineers from various departments of ITI visited the exhibition and provided the students with suggestions and valuable feedbacks.

8. Thanks giving for the faculties by the Student of 2015-2019 Batch



9. A Faculty Development program on “ Curriculum Gap Analysis” was conducted by Dr. Sunitha H D , Professor & HOD , Department of Electronics and Communication on on 23/07/2019.

The main objective of the FDP was to train the faculty on the preparation of attriculation matrix and measures to be taken to cover the curriculum gap .

❖ Student accomplishments :

1. A final year project batch received KSCST fund of Rs.7000/-

Title of the project: Anti Piracy Screening System using temporal visual modulation (Brunda K, Shruthi R, Madhu J, Surendra S P) , Guide: Mohan Kumar B N, Asst.Prof, Dept of ECE, RRIT



❖ The project was selected for 2nd round exhibition at Belgaum organized by KSCST(Karnataka state Council for science and Technology) on 26th and 27th of July 2019 @ KLE Dr. M . S Sheshgiri college of Engineering and Technology, Belagavi.



2. Ashwarya K, Batch 2015 – 2019 received the “Best Outgoing student of the college 2019”

The award was presented by Mr. Arun H R , Director of R R Institutions , Dr Manjunatha Principal, RRIT ,Dr. Sunitha H D ,HOD – Dept of ECE **ON 23/05/2019**

3. A project by Sunil S, Swamy R Naik, Mukesh, “An optimal driving system by using wireless helmet” won 2nd prize in the project competition held by SKIT, Bangalore on 20/5/2019(SKIT EXPO 2k19)



4. The students form 4th and 6th sem Participated in the NSS camp at Siddrabetta, Tumakur from 26/02/2019 to 02/03/2019 organized by NSS Team ,RRIT.

5. The Students from the department have participated in various Co curricular activities (Fashion show ,Group dance,Solo dance, Singing, Sports) organized as a part of Annual Cltural fest “Kalatarranga 2019”



Toppers for the odd semester 2018-2019**Department Topper**

Tejaswini P
1RI18EC016
CGPA: 9.4

1st Sem	 <p>Tejaswini P 1RI18EC016 CGPA: 9.4</p>	 <p>Viresh Hiremath 1RI18EC017 CGPA: 8.6</p>	 <p>Mohan M 1RI18EC008 CGPA: 7.75</p>
3rd Sem	 <p>Vani K 1RI17EC025 69%</p>	 <p>Sowanya G R 1RI17EC023 65.4%</p>	 <p>Prabha K 1RI17EC017 65.2%</p>
5th Sem	 <p>Ehamprakash S 1RI16EC004 74.3%</p>	 <p>Shreyas Nadig S 1RI16EC025 74.1%</p>	 <p>Yashaswini D 1RI16EC032 70.1%</p>
7th Sem	 <p>Shilpa Mandel S 1RI15EC042 80.7 %</p>	 <p>Chaitra B 1RI15EC011 80.2 %</p>	 <p>Ashvani L 1RI15EC006 65 %</p>

☆ **Faculty accomplishments:**

1. Prof. Ravi M K was awarded PhD in Electronics and Communication by Himalayan University, Aurnchala Pradesh, India.
2. Dr. Sunitha H D received appreciation from the Management for organizing and coordinating KalataRRanga 2k19-an annual cultural fest.
3. Prof. Parimala Gandhi and Prof. Sreekanth. B received appreciation from the Management, RRIT for their contribution during NAAC accreditation process.
4. Prof.Premsagar H received appreciation from the Management for organizing and coordinating Annual Sports Meet-2019 for KalataRRanga 2k19-an annual cultural fest.
5. Prof. Sreekanth B attended Three day FDP on “Student Induction Programme” Organized by the Department of Mechanical Engineering , Cambridge Institute of Technology, Bengaluru in Associate Sponsored by AICTE from 17th to 19th June 2019.
6. Dr. Sunitha H D attended Three day workshop on “OBE & NBA Accreditation process” held at SJB Institute of Technology on 15th to 17th July Organized by the Department of Mechanical Engineering, SJB Institute of Technolgy ,Bengaluru.
7. Prof . Chandra kumar H S was sponsored to attend Three day Workshop on “Experiential Learning on Electronic Devices & Digital System Desgin” Organized by the Department of Electronics and Communication Engineering during 15th July – 17th July 2019 at SJBIT, Bengaluru
8. Prof. Parimala Gandhi G was sponsored to attend a 5 days workshop on “ Outcome based education organized by SIT, Tumakuru from 8th June to 12th June 2019.
9. Prof. Niranjana L, Ms. Meghana R, Ms. Keerthana H, Ms. Saranya S, Ms.Rashmi K G , were presented with best paper award during International conference RISEM 2019. for their paper titled “Women safety measurement and tracking system using Raspberry pi”

❖ **Publications Between 01/02/2019 -31/07/2019**

1. Prof. Mohan Kumar BN, Dr. Rangaraju H G, Published “Low Area VLSI Implementation of FIR filter”, IJIES, Vol 12, Issue 4, March 2019
2. Prof. Mohan Kumar B N, Ms Brunda K, Ms.D Shruthi Reddy, Mr.Surendra S P, Mr. Madhu J Published “Anti Piracy screening system”, IJSRR, Vol 7, Issue 5, May 2019, ISSN No:7021-2008
3. Prof. Premsagar H, Ms. Pavithra G N, Ms. Priya B C, Ms. Manu Published “ Soldier positioning tracking and health monitoring system”, IJSRR, Vol 7, Issue 5, May 2019, ISSN No:7021-2008
4. Prof. Sreekanth B, Ms. Sandhya B M, Ms. Pallavi B R, Ms. Harshitha M R, Mr.Pallavi R, Published “Tracking of fuel road tankers for anti pilferage and anti adulteration”, IJSRR, Vol 7, Issue 5, May 2019, ISSN No:7021-2008
5. Prof.Anshu Deepak, Ms.Chaitra B, Ms.Bhavana S, Ms. Shwetha Bai, Ms. Sushma M S, Published “Leaf disease detection and prevention”, IJSRR, Vol 7, Issue 5, May 2019, ISSN No:7021-2008
6. Dr. Ravi M K, Mr. Pramod D, Mr. Yathish Published “ Smart Blind man stick”, IJSRR, Vol 7, Issue 5, May 2019, ISSN No:7021-2008
7. Prof. Niranjana L, Ms. Meghana R, Ms. Keerthana H, Ms. Saranya S, Ms.Rashmi K G , Published “Women safety measurement and tracking system using Raspberry pi”, IJSRR, Vol 7, Issue 5, May 2019, ISSN No:7021-2008

- 8. Prof. ChandraKumar H S, Ms. Ashwani L, Ms. Lakshmi M S, Ms. Shilpa Mandal S Published “ Child rescue system against open bore wells”, IJSRR, Vol 7, Issue 5, May 2019, ISSN No:7021-2008
- 9. Prof. Savitha R, Ms. Aishwarya K, Ms. Aishwarya B, Ms. Lakshmi Mache Published “ Intelligent traffic system for position monitoring with auto detection of traffic rules violation and intimation”, IJSRR, Vol 7, Issue 5, May 2019, ISSN No:7021-2008



Passing Batch 2015-2019



"Our greatest weakness lies in giving up. The most certain way to succeed is always to try just one more time."

-Thomas Edison

