Dr. M B Manjunath

I am pleased to note that the Department of Electrical and Electronics Engineering is showcasing their activities and achievements through the department newsletter.

I wish them all the best in their endeavour.

Prof. K J Somashekara

I am happy to unveil our fifth edition newsletter “EEnErgy”.

Through this issue I am proud to present the various accomplishments and achievements of faculties and students. I take this opportunity to thank all my staff for their wholehearted co-operation in fulfilling my dreams for the semester and contributing for getting grade B+ accreditation by NAAC.

The editorial board gratefully acknowledges the constant source of inspiration from the Management and the Principal.
Sadbhavan Diwas was organized and celebrated on 20th of August every year to remember the birth anniversary of Shri Rajiv Gandhi, former Prime Minister of India, which was organized by Electrical and Electronics department and oath was taken by all the faculties and students in the college.

A seminar was conducted on PCB design for the 3rd, 5th and 7th semester students of the department. Mr. Kotresh, Director, Indian Tech Keys, Bangalore was the resource person. The resource person and his team interacted with students and imparted basic knowledge on PCB design.

The Printed Circuit Board (PCB) mechanically supports and electrically connects electronic components. He explained how to draw holes, pads and wires for the circuit. He showcased a developed PCB. He also discussed about technologies like 3D printing, IoT. 21 students from department attended and benefitted by the program.
An Industrial visit has been organised to “M/s Rajamane and Hegde Services Pvt Ltd”, Tumkur on 10/10/2018. Students of final and pre-final year had attended. Students were divided into two sections, for each section external guide was allotted for the explanation. Students visited winding section, where lap winding and wave windings installation to the motors was shown in detail, Resin insulation was explained in detail. Formation of stator and rotor in squirrel cage and slip ring induction motor was explained. Transformers lamination was also explained. Materials for manufacturing the windings was shown in plant.

Workshop on Circuit Prototyping

Two days workshop on “Circuit Prototyping” was organized jointly by the department of EEE and ECE on 27/9/2018 and 28/9/2018 in association with” M/s Indian Tech keys”, Bangalore.

On first day students had a brief session on steps and process involved in PCB design and fabrication. On second day session students had hands-on session on placement of components and final soldering.

Prof. Venkatesan C was the co-ordinator from the Electrical department for organizing this programme.
A three days Workshop on “Entrepreneurship Awareness” was organized by Mechanical department in association with EDC cell. The main objective of the camp is to enhance the knowledge and skills of the students required to become successful entrepreneurs.

The 3days session included a brief lecturing by the invited guests Dr. Nandagopal, Mrs. Mamatha (Senior Manager of KSFC) for Financial Assistance. Prof. Gireesh V Gumaste (Senior Engineer M/s Hynumat International) regarding Industry and Institute Interaction. Dr. Subramanya Swamy (Principal BIET Davangere) regarding Entrepreneur’s Goals. Mr.Dinesh Kumar HN (M/s CADVIN Technologies) regarding Market Survey and Industrial Projects. Final year students of our department attended this programme.

Finally the camp was concluded where the students had opportunity for industrial visit to M/s CIM Tools Pvt Ltd. near Peenya industrial area, Bangalore.

A seminar on Intellectual Property Rights was organized by seminar committee of college in association with Karnataka State Council for Science and Technology on 16/10/2018 for final year students.

The main objective of the seminar was to create awareness on patents, copyrights trademarks and procedure involved in filling the same.

The students imparted the knowledge on monetary values, in terms of consultancy promotion, taking own decisions and new career. All the 3rd and 4th year students of the department participated in this programme.

Prof. Sunanda C V has been the co-ordinator from the Electrical department for this programme.
One day Faculty Development Programme was organized by Electrical and Electronics Engineering department in association with Mechanical Engineering department on Professional Ethics and Human Values on 14th August 2018.

The objective of the program was to create awareness among the teachers about the main responsibilities towards their students, to understand social responsibilities of a teacher, to appreciate ethical dilemma while discharging their duties and defining their role in student’s lives.

Prof. V B Nanda Gopal, Chief Executive, Science & Technology Entrepreneurs Park (STEP), JSS Academy of Technical Education, Bengaluru was the resource person. FiftySix participants from various engineering colleges benefited from the programme.

Prof. Venkatesan C has been co-ordinator from the Electrical department for organizing the program.
The induction program for first year students was conducted on 07.08.2018. The program was to make the students familiar with the basic knowledge of Electrical and Electronics Engineering. An awareness among the students were created about the history of electricity, explained basic terms, terminologies and laws of electricity.

It included glimpse of machines, working principles, operation of electrical power system and protective devices. It also created an awareness on electric shock, first aid and prevention of electric shocks.

NAAC Visit

National Assessment and Accreditation Council (NAAC) peer team was visited our institute on 5th & 6th of October 2018. After the completion of 1st cycle verification, we are happy to inform that our college has been accredited by NAAC with grade B+.
1. Prof. Sowmya GJ and Prof. Anusha D Y has attended workshop on “Sequel App For Teaching Electronics Courses” in Raja Rajeshwari College of Engineering, Bangalore held on 16th August 2018.

2. Prof. Venkatesan C has worked on the Journal paper titled “Optimal Design and Performance Analysis of MIMO-OFDM based Cognitive Radio using Game Theoretic Approach” which has been accepted by the Publication The Journal of Super Computing (SCOPUS/SCIE), Springer, United States, Print ISSN : 0920-8542 . (Impact Factor: 1.532).

3. Prof. Venkatesan C has worked on the Journal paper titled “Real Time ECG Signal Pre processing and Neuro Fuzzy based CHD Risk Prediction” which has been accepted by the Publication Cognitive Systems Research (SCOPUS), Elsevier, United States, Print ISSN: 1389-0417. (Impact Factor: 1.425).

4. Prof. Venkatesan C has worked on the Journal paper titled “Techno Economic Study of Hybrid Renewable Energy System of Metropolitan Cities in India” which has been accepted by the Publication International Journal of Intelligent Systems Technologies and Applications (SCOPUS), Inderscience.

5. Prof. R Navaneetha Krishna and Prof. Girish Kumar B A had attended workshop on “MS OFFICE & MS EXCEL” which was organized by Mechanical Engineering department in RRIT held on 30th September 2018.

6. Prof. R Navaneetha Krishna and Prof. Girish Kumar B A had attended workshop on “Introduction of Latex Software” which was organized by Mechanical Engineering department at RRIT, held on 31st September 2018.

7. Prof. R Navaneetha Krishna had attended workshop on ” Kaizen Internet of Things” which was organized by “M\s LEMALABS”, Bangalore held on 17th and 18th November 2018.
8. Prof. Sunanda C V, Prof. Girish Kumar & Prof. Renukamba J N has attended workshop on” Python Programming” which was organized by Computer Science Engineering department at RRIT.

9. All the faculties of Electrical and Electronics Engineering department had attended one day FDP on” CO-PO Mapping for Effective Implementation of Outcome Based Education” which was organized by IQAC, RRIT held on 18th January 2019.

10. On the occasion of Teacher’s Day celebration, all the faculties of the department received Certificates for 100% result in the subjects they handled for the academic year 2017-18. (Prof. K J Somashekara, Prof. N Shyamsundar, Prof. Sunanda C V, Prof. Sowmya G J, Prof. R Navaneetha Krishna, Prof. Anusha D Y, Prof. Girish Kumar B A, Prof. Renukamba J N)

11. Prof. R Navaneetha Krishna was awarded “Innovative Teacher” on the occasion of Teacher’s Day for his innovative methods of teaching by RRIT.
Miss. Bhanupriya G (3rd Sem EEE) has won 1st place in TAEKWONDO organized by Dasara Games CM Cup-2018 which was held on 11/10/2018.

Our Gallery

Ayudha Pooja celebrations @ EEE

Tree Planting by NSS members of EEE department

Relief fund for Kerala and Kodagu disaster victims by department NSS members
OUR TOPPERS
Department Topper

2nd SEM
Bidhya Chhetri
1RI17EE002 (75.68%)

4th SEM
Ruchitha S
1RI17EE010 (73.5%)

Bidhya Chhetri
1RI17EE002 (75.68%)

Deepthi Thapa
1RI17EE003 (65.85%)

Sandeep Kumar Chaudhary
1RI16EE014 (74.81%)

Koushik Das
1RI16EE007 (73.13%)

Santosh Kumar Singh
1RI16EE015 (64.0%)

6th SEM
B M Vannesh
1RI15EE007 (65.2%)

Rakshitha G N
1RI15EE006 (69.12%)

Arpitha S
1RI15EE001 (69.12%)

8th SEM
A G Likitha
1RI14EE001 (76.2%)

Saran Sasidharan
1RI14EE021 (74.9%)

Chandini C V
1RI14EE000 (73.3%)
The Basic Electrical Engineering Laboratory (18ELEL17/27) was introduced by Visvesvariah Technological University in the academic year 2018-19 for the first year students. The syllabus consists of the basic experiments such as KVL and KCL, Measurement of power and power factor of the lamps, Open Circuit Test and Short Circuit Test etc., Prof. Girish Kumar B A was incharge for setting up of the Basic Electrical Laboratory.
The Executive Committee of the National Assessment and Accreditation Council on the recommendation of the duly appointed Peer Team is pleased to declare the R R Institute of Technology Chikballapur, Bangalore affiliated to Visvesvaraya Technological University, Assamakallu as Accredited with CGPA of 2.51 on seven point scale at 'B' grade valid up to November 02, 2023.

Date: November 02, 2018

Director

NAAC Accreditation Certificate

Receiving NACC Accreditation Certificate by the department