



From Principal's Desk

I am blissful to recognize that Department of Electrical and Electronics Engineering showcasing their activities & achievements through the department newsletter.

I wish them all the best in their endeavor.



Dr. M S Bhagyashekar

From H.O.D.'s Desk

I am happy to unveil second issue of the newsletter "EEnErgy". Through this issue I am proud to present the various accomplishment of the department and the achievements of faculties and students.

The Editorial board gratefully acknowledges the Management and Principal for their constant source of inspiration.



Prof. K J Somashekara



The only way to do great work is to love what you do

- Steve Jobs



Editor in Chief

K J Somashekara

Professor & HOD, Dept. of EEE.

Editor

R Navaneetha Krishna

Assistant Professor, Dept. of EEE.

Managing Editors

Raghu C N

Associate Professor, Dept. of EEE.

Anusha D Y

Assistant Professor, Dept. of EEE.

Bharath P S

Student, 6th sem, Dept. of EEE.

Ashwin M

Student, 6th sem, Dept. of EEE.



Faculty Development Program (FDP)



Inauguration of FDP



Hands on Session

The FDP on "BASICS OF AUTOCAD AND 2D MODELLING", was held on 7th February 2017. The FDP program received an overwhelming response with 45 participants from the college. The resource person R Navaneetha Krishna, Asst. Professor, Electrical and Electronics Engineering Department, RRIT converse the basic idea of AutoCAD and its tools along with the design aspects of windings, substations and assembly drawings. He shared his thought how to use the tools and when to use the tools effectively. The session was followed by hands on experience to the participants. The program received good feedback from the participants. FDP concluded with valedictory and group photo.

Induction Program

Prof. K J Somashekara, HOD, Electrical and Electronics Engineering Department inspired students in Induction program, organized for students of the department, on 13th February 2017.

The program was to introduce the academic requirements of the even semester, along with highlighting the significance of the subjects in the course.



Prof. K J Somashekara interacting with students

When one door closes another opens; but we often look so long and so regretfully upon the closed door that we do not see the one which has opened for us

- Alexander Graham Bell



Student Development Program (SDP)

The SDP on "BASICS OF AUTOCAD AND 2D MODELLING", was held on 13th and 14th February 2017. 6th semester students of the Electrical and Electronics Engineering Department benefited from this program. The resource person R Navaneetha Krishna, Asst. Professor, Electrical and Electronics Engineering Department, RRIT converse the basic ideas of AutoCAD and its tools along with the design aspects of windings, substations and assembly drawings. He explained how to use the tools and when to use the tools effectively. The session was followed by hands on experience to the participants. The participants gave good feedback for the program. SDP concluded with valedictory and group photo.



Hands on Session



Valedictory @ SDP

Memorandum of Understanding (MOU)



Inking of MOU

Department of Electrical and Electronics Engineering in association with Mechanical Engineering kick started the "Energy Club" on 1st March 2017.

Dr M S Bhagyashekar, Principal, RRIT and Dr. T V Mohandas, IFS. Additional Principal Chief Conservator of Forests & Executive Director, MGIRED signed an MOU. Dr M S Bhagyashekar, Principal, RRIT and Mr. Shivakumar, Founder, M/s AAS Industries signed an MOU.

The objectives of MOU are, i) To create a research initiative in renewable energy, internship & training to aspirants, joint research in the field of solar and other renewable energy. ii) To have industry institution interaction for new product developments.



Seminar on SCADA & AC Drives



Mr. Shivashankar, addressing the students



Students at Seminar Session

Seminar on SCADA & AC Drives was held on 24th April 2017. Mr. Shivashankar, Branch Manager, Prolific Systems & Technologies Ltd, Rajajinagar, Bengaluru with the students of the department discussed about the Prolific Systems and its programs.

He explained about automation, applications, its impact on manpower, ladder diagrams etc. He briefed about SCADA, AC Drives, also demonstrated few automation applications with videos.

Prof. K J Somashekara, HOD, Electrical and Electronics Engineering Department shared his view on the potentials of SCADA Systems and recent developments in the field.

Faculty Achievements

- **K J Somashekara** participated in workshop on OPAMP and Linear IC's, 23.12.2016, MS College of Engineering, Bengaluru.
- **Sunanda C V** attended VTU Youth Fest, 18.01.2017, Bengaluru.
- **Sowmya G J** attended VTU Youth Fest, 18.01.2017, Bengaluru.
- **Shivaraj A** participated in FDP on Simulation Hands On Experience For Power Circuits Using MATLAB, PSIM, PSCAD And SEQUEL, 19.01.2017 to 21.01.2017, RRCE, Bengaluru.
- All Faculties of the department participated in FDP on Basics of AutoCAD and 2D Modelling, 07.02.2017, RRIT, Bengaluru.

Imagination is more important than knowledge

- Albert Einstein



Faculty Achievements (Contd.)

- **R Navaneetha Krishna** delivered FDP and SDP on "Basics of AutoCAD and 2D Modelling", "07.02.2017" and "13.02.2017 & 14.02.2017", RRIT, Bengaluru.
- **Raghu C N** attended workshop on "Challenges and Operation of Micro grid Systems in Indian Power Scenario", 04.03.2017, REVA University, Bengaluru.
- **R Navaneetha Krishna** attended workshop on "Challenges and Operation of Micro grid Systems in Indian Power Scenario", 04.03.2017, REVA University, Bengaluru.
- **Shyamsundar N** obtained 1st prize for "Practices To Make Green Environment", Green Club, RRIT, Bengaluru.
- **Shyamsundar N, Sunanda C V and Anusha D Y** attended Seminar on "GREEN BUILDINGS", 22.04.2017, MGIRED, Bengaluru.
- **Sunanda C V** obtained Best Project Guide award for "Monitor And Controlling Of UAV (Unmanned Aerial Vehicle) By Electric Actuator", Meraki - 2017, RRIT, Bengaluru.
- **R Navaneetha Krishna** presented a paper on "Design and Fabrication of Micro Scale Wind Turbine Blade Using Advanced Light Weight Materials Based On Rapid Prototyping Technique", 26.05.2017 and 27.05.2017, ICETIME, RRIT, Bengaluru.
- **R Navaneetha Krishna** presented a paper on Design and Simulation of Vertical Axis Wind Turbine for Highway Electrification, 02.06.2017 and 03.06.2017, ICEICT, RRIT, Bengaluru.
- **R Navaneetha Krishna** obtained 100% Result for the 7th semester subject Industrial Drives and Applications.



Prof. Sunanda C V - Best Project guide award Meraki 2016-17



Prof. Shyamsundar N receiving award for "Practices To Make Green Environment"

Student Achievements

- Prem Kumar, Bharath P S and group got 2nd place for "Namg Idh Aagbaralla" in Short Movie competition held in KalathaRRanga 2017, RRIT, Bengaluru.
- Md. Shamim Khan, Prakash and group Participated in Fashion Show held in KalathaRRanga 2017, RRIT, Bengaluru.
- Lakshmisagar, Bhavya M N and Nirupama N R got Best Project of the Department award, "Monitor And Controlling Of UAV (Unmanned Aerial Vehicle) By Electric Actuator", Project Exhibition Meraki - 2017, RRIT, Bengaluru.
- Manish Kumar, Avinay Kumar Mandal, Sonu Kumar, and David Dee Vance Marngar, presented their project titled "Design And Simulation Of VAWT For Highway Electrification" in National Level Competition on "New Ideas in Power and Energy Sector", on 05.05.2017, under IEEE PES Student Chapter, GSSSIETW, Mysuru.
- Manish Kumar, Sonu Kumar, David Dee Vance Marngar and Avinay Kumar Mandal, showcased their project titled "Design And Simulation Of VAWT For Highway Electrification", Project Exhibition, 22.05.2017, SKIT, Bengaluru.



Mr. Prakash, student of 6th sem EEE in Fashion Show - KalathaRRanga 2017



Mr. Lakshmisagar and group - Best Project of the Department



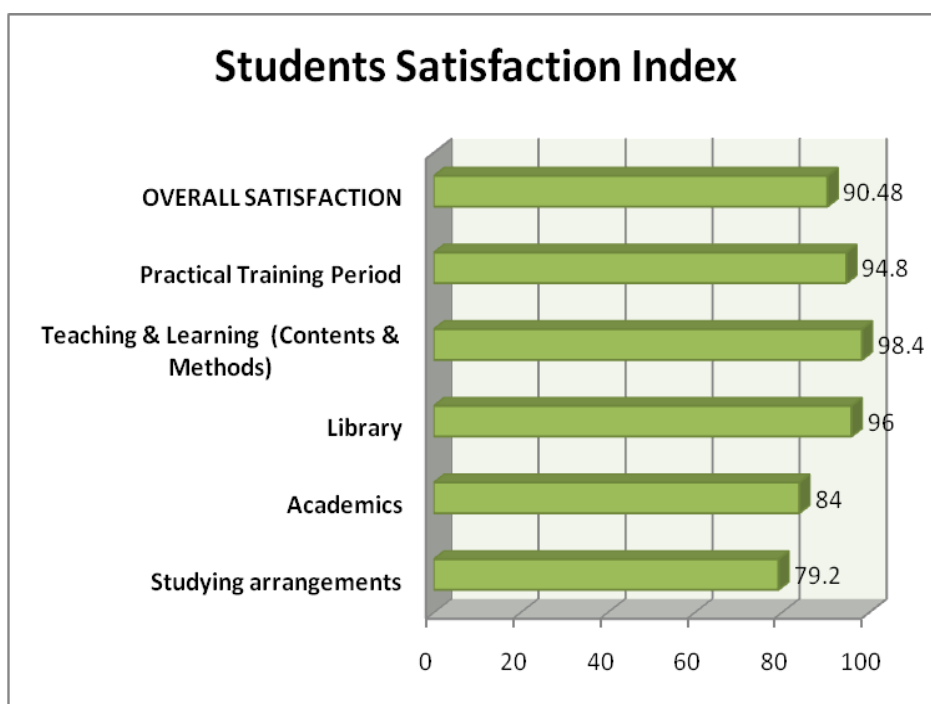
Idea presentation by Mr. Manish Kumar and group

- Manish Kumar, Sonu Kumar, David Dee Vance Marngar, Avinay Kumar Mandal, presented a paper on "Design and simulation of VAWT for Highway electrification" in International conference ICEICT, 02.06.2017 and 03.06.2017, RRIT, Bengaluru.

Placement Support

- Prof. Shivaraj A conducted aptitude, group discussion and technical skill development programmes for all students of the department.
- Prof. Shyamsundar N conducted training classes for students for cracking competitive exams for 6th and 8th semester students of the department.
- Prof. R Navaneetha Krishna conducted technical and interview skills for 6th semester students of the department.
- Alumni students of Electrical and Electronics Engineering department Mr. Naveen Chandra and Ms. Pushpanjali Biradar motivated the students of Electrical and Electronics by sharing their knowledge on preparation, skills required for the interviews and entrepreneurship for 6th semester students of the department.
- Alumni students of Electrical and Electronics Engineering department Mr. Naveen Chandra and Ms. Pushpanjali Biradar motivated the students of Computer Science and Information Science on 18.02.2017 "Connect to World of Networking" .

Students Satisfaction Index



The graph shows the satisfaction index of our valued outgoing students (2016-17) for the department in various academic activities. The graph shows overall satisfaction of 90.48%

Students Placed in Campus Recruitment

Sl. No.	USN	Name	Company	Photo
1	1RI12EE002	Ananth Kumar	TASKO SOLUTION	
2	1RI13EE003	Akshay C	COLLABERA	
3	1RI13EE006	Avinay Kumar Mandal	TASKO SOLUTION	
4	1RI13EE015	Mahesh P	COLLABERA	
			J SPIDER	
			TASKO SOLUTION	
5	1RI13EE024	Subhajit Bhunia	TASKO SOLUTION	
6	1RI14EE408	Prajwal S D	TASKO SOLUTION	
7	1RI14EE413	Vijayalakshmi U	COLLABERA	

Education is not the learning of facts, but the training of the mind to think

- Albert Einstein



Department Topper - Odd Semester 2016-17



Sandeep Kumar Choudhary
1RI16EE014
1st Sem 8.17 SGPA

Toppers - Odd Semester 2016-17



Nirupama N R
1RI14EE407
7th Sem 73.11%



Prajwal S D
1RI14EE408
7th Sem 69.33%



Bhavya M N
1RI14EE401
7th Sem 69.22%



A G Likitha
1RI14EE001
5th Sem 70%



Rajib Das
1RI14EE017
5th Sem 65%



Abhishek Mog
1RI14EE003
5th Sem 61%



Arpitha S
1RI15EE001
3rd Sem 6.43 SGPA



Vannesh B M
1RI15EE007
3rd Sem 6.14 SGPA



Arvind S B
1RI16EE002
1st Sem 7.00 SGPA



Sneha S Gowda
1RI16EE017
1st Sem 6.33 SGPA



Tousif Ahmed
1RI16EE021
1st Sem 6.25 SGPA



Gallery



Students and Faculties @ Vivekananda Youth Fest organized by VTU on 18.01.2017



Delegates @ FDP on Basics of AutoCAD on 07.02.2017



Prof. Shyamsundar N training students on cracking competitive exams on 13.02.2017



Alumni Students of EEE @ Placement Event "Connect to World of Networking" on 18.02.2017



Faculties and Students @ Ethnic Day on 09.03.2017



Student of 6th sem @ Dance Competition - KalataRRanga 2017 on 10.03.2017

Gallery (Contd.)



Students of 6th sem EEE @ Fashion Show
KalathaRRanga on 11.03.2017



Mr. Prakash, 6th sem EEE @ Fashion Show
KalathaRRanga on 11.03.2017



Faculty and students @ seminar on Zero Energy
Buildings on 08.04.2017



Krishna Janmastami @ Heritage Day 15.04.2017



Students and faculties @ Seminar on Green
Buildings - MGIRED on 22.04.2017



Road Safety Awareness and Oath taking by students
on 12.05.2017



Gallery (Contd.)



Project Exhibition @ Meraki -2017 on 19.05.2017



Nada Prabhu Kempegowda awardee
Shri Y Raja Reddy, Chairman, RRIT facilitating
meritorious student with silver medal on 20.05.2017



Graduating Students of 2017 with faculties