



Accredited by NAAC with 'A' Grade  
Department of Electrical & Electronics Engineering  
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*The Official Department Newsletter*  
*July–December 2022*

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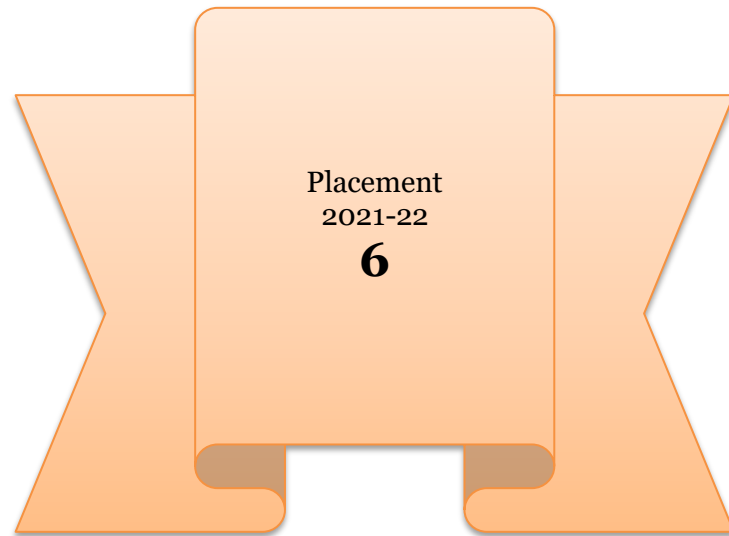


### ***MESSAGE FROM HOD'S DESK***

We are happy to bring out our department E-Forum Newsletter, which showcases all the activities of the Department. I congratulate team for their continuous effort.



**Dr .M. S .NAGARAJ** Program Coordinator



### **VISION**

To train globally competent quality students in Electrical Engineering through excellent academic inputs, innovative ideas and team work”

### **MISSION**

**M1: To enhance the quality of life of students through Continuous learning & state-of-the-art technical education**

**M2: To meet the long term needs of the industry & society**

**M3: To inculcate leadership qualities & ethical values**

**M4: To serve the Community for the socio economic developments**

### ***ABOUT THE DEPARTMENT***

The Department of Electrical & Electronics Engineering was started in the year 1979 with an intake of 40 students. Now the department has academic programme with an intake of 60. Department is duly recognized and accredited By National Board of Accreditation, AICTE, New Delhi and The Institution of Engineers (India), Kolkata.

The Department of Electrical Engineering, which has renowned as well as young and dynamic personalities as faculty, is involved in providing quality education to undergraduate (UG).

### ***LABORATORY FACILITIES***

Department as a broad based UG curriculum & the syllabus of the courses are continuously updated and the laboratories modernized to reflect the rapid changes in technology. The department is equipped with the latest experimental and computational facilities meet the curriculum. The total expenditure on Instruments, Equipment's and Computers is Rs.52 Lakhs. The major laboratories in the department are Electronics, Microcontroller, Machines, Control system, Measurement, Power system simulation & High voltage & relay.

### ***DEPARTMENTAL LIBRARY***






We have department library with 1556 books with 424 titles. Every year books are added to the library from the forum. Every semester two books are issued to students. Electrical and Electronics Engineering books available in the Central Library with 8685 with 1426 titles.

### ***MAJOR EQUIPMENT'S AND SOFTWARE***





Department has many major equipment's. Major equipment's are Digital trainer kits, Power Electronics Modules, 8051 Flash Programmable Microcontroller, Evaluation Board (MCB 51) with interfacing modules, DC and AC Machines sets, Transformers, Electrolytic Tank with accessories(Field Mapping Unit), Auto-Transformers, Servo Stabilizer, Air-Cooled Rectifier Unit, Phase-Shifting Transformer, HV Testing Transformer, 5-Stage Impulse Voltage Generator, Continuously Variable Auto-Transformer, 60kV HV Testing Transformer, Digital Storage Oscilloscope, HV Rectifier Unit, Computers, UPS, 200kVA diesel generator. Department has Mi-Power software Packages with 6 user, Microcontroller-Keiluvision#3(C51), Lab view with 10 Users, PSPICE Student Version.

### ***FDP/WORKSHOP ATTENDED***

- ✚ Dr. Manjunatha H. M, Asst. Professor has participated the 5 Day's Faculty Development Programme on "Natural Language Processing" organized by Electronics and Communication Engineering of Shri Madhuwa Vadiraja institute of Technology and Management, Bentalak in association with Karnataka Science and Technology Academy held from 25<sup>th</sup> - 29<sup>th</sup> July 2022.
- ✚ Dr. Manjunatha H. M, Mrs. Ashwini A R, Mr. Prashanth Kumar H K Asst. Professor has participated in 3 Days Virtual Faculty Development Program on "Data Science & Networking" organized by the Department of Electronics and Communication Engineering, Rajeev Institute of Technology, Hassan held from 25<sup>th</sup> - 27<sup>th</sup> August 2022, in association with IETE, Mysuru Centre.
- ✚ Dr. Manjunatha H. M, Mrs. Vijayalakshmi S Hallikere Asst. Professor has participated in the workshop on "Recent Developments in Smart Grid and Applications" in association with VTU, Belagavi and IEEE PES Chapter, Organized by Department of Electrical and Electronics Engineering, GSSSIETW, Mysuru, held from 5<sup>th</sup>- 7<sup>th</sup> September 2022.
- ✚ Dr. Anjaneya L H, Assistant Professor has participated in One Week Online Faculty Development Programme on "Taking Research to Next Level" organized by Department of Mechanical Engineering & Department of Basic Science, in Association with IQAC, ISNT and IIC Cell, Sri Venkateshwara College of Engineering, Bengaluru held from 26<sup>th</sup> - 30<sup>th</sup> September 2022.

-  Mr. Basavarajappa Sokke Rameshappa Asst. Professor has participated in the Faculty development program on “Neuro-Fuzzy Intelligent Controller of a Four-Area Power System” conducted by the Internal Journals of Engineering Technology and Management Research, held on 14<sup>th</sup> October 2022.
-  Mr. Basavarajappa Sokke Rameshappa Asst. Professor participated the Webinar on “Organizing the Thoughts and Results Towards a Possible Journal Publications: The Lifecycle” organized by IEEE Student Branch and Department of Electronics and Communication Engineering, NMIT, Bengaluru held on 8<sup>th</sup> November 2022.
-  Mr. Prashanthkumar H K Asst. Professor has participated in the Faculty development program on “Advances and challenges in electrical vehicle and technology” conducted by the Department of Electrical & Electronics Engineering and Mechanical Engineering RNS Institute of Technology , Banglore held from 14<sup>th</sup>-18<sup>th</sup> November 2022.
-  Mr. Basavarajappa Sokke Rameshappa & Mrs. Shilpa S K Asst. Professor has participated the Five Day’s Virtual Faculty Development Programme on “Electrical Vehicle Technologies-A Future Transportation Tool” organized by Department of Electrical and Electronics Engineering held from 28-11-2022 to 02-12-2022.
-  Mrs. Ashwini A R & Ms. Priyanka S M Asst. Professor has participated the Online MCQ Quiz event under “National Energy Conservation Week” organized by Energy Club In association with Institute’s Innovation Council from 14<sup>th</sup> - 20<sup>th</sup> December 2022.

### ***FACULTY PAPER PUBLICATION***

-  Mrs Sowmya Anand, Asst. Professor as Authors for paper entitled: “Simulation of PI based controller for Voltage Source Converter based HVDC” published in Dickensian Journal, volume 22, Issue7, and 7<sup>th</sup> July 2022.
-  Mr. Basavarajappa Sokke Rameshappa and Nagaraj Mudakapla Shadaksharappa, Asst. Professor as Authors for paper entitled “An optimal artificial neural network controller for load frequency control of a four-area interconnected power system” awarded by International Journal of Electrical and Computer Engineering, held on October 2022.
-  Mrs. Sowmya Anand, Asst. Professor as Authors for paper entitled “Simulation of Single Phase New Multilevel Converter Topology for VSC Based HVDC Grid Connected Offshore Wind Power Plant” published in Proceedings of the International Conference on Applied Artificial Intelligence and Computing ICAAIC 2022.
-  Mrs.Karibasavaraju T. S. Asst. Professor as Authors for paper entitled “An Intelligent Method to Load Management of Microgrid Operation using Multi-Agent System” published in Journal of Recent Trends in Electrical Power System 2022.

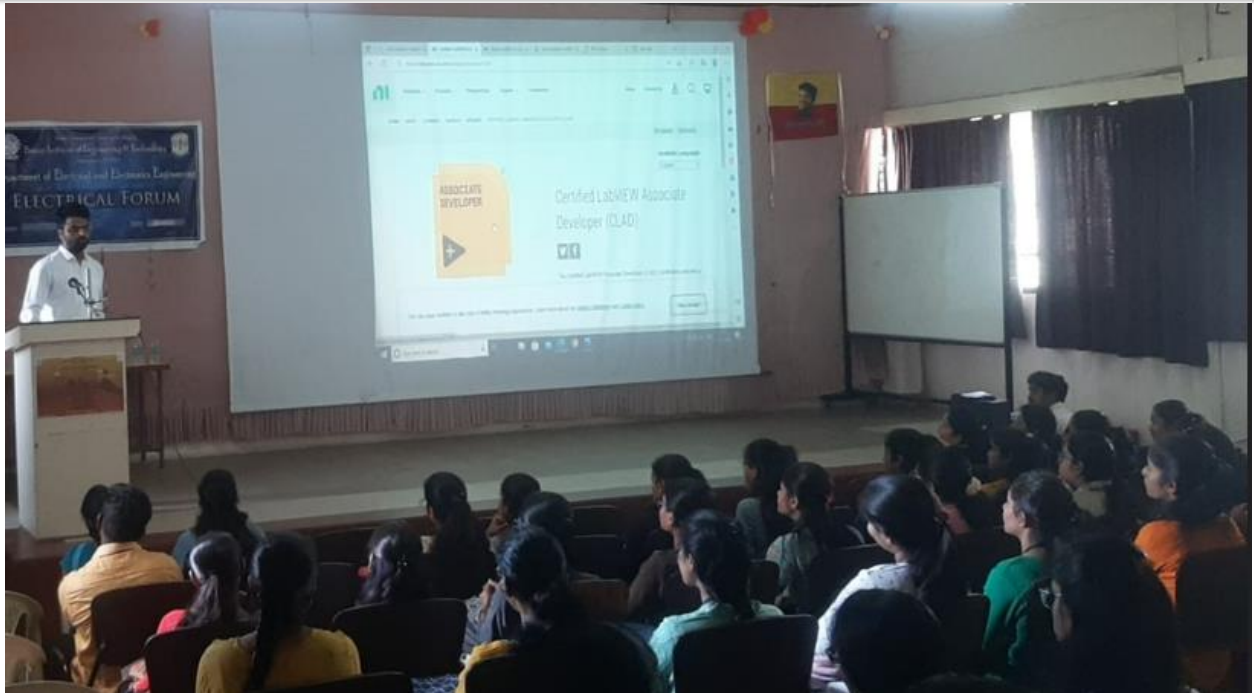




*Glimpses of the Kannada Rajyotasava*



Electrical forum Organized Technical Talk on topic “Focus on basics of engineering for a good career” by Kiran S O Embedded Developer, Berdrandt, Germany 23<sup>rd</sup> December 2022.



Electrical forum Organized Interaction Talk on topic “Focus on career” by Alok Kumar Barathi Researcher Iowa State University Ames, IA, USA.





## *Glimpses of Oath Taking*



## *PLACEMENT DETIALS*

<b>Sl.No</b>	<b>Name of The Student</b>	<b>Company Placed</b>
1	Anusha,M	Cognizant
2	Karthik.D,V	Cognizant
3	Pallavi.Karadi	Cognizant
4	Deepika.P	Cognizant
5	Pratiksha..B	Yokogowa
6	Girish R	Prep placement



**Editorial Committee**

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**Dr. M S NAGARAJ**

Prof & HOD

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**SOWMYA ANAND**

Asst. Professor

**Student Editors**

***Girish.C***