



## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING NEWSLETTER

**VID'YOUTH LIGHTENS  
THE WORLD...**

**YEAR 2023-24,  
VOLUME-6, ISSUE-2**



### Department Vision

To emerge as a leading center for education in Electrical and Electronics Engineering and to produce entrepreneurs and globally competent engineers with good ethical values.

### Department Mission

M1- Develop as a centre of excellence for Electrical and Electronics Engineering education, emphasizing in making students to be more innovative in their approach by providing state-of-the-art infrastructure and effective teaching learning process.

M2- Contribute to the development of nation by applying their knowledge gained in the thrust areas of power and energy systems.

M3- To inculcate value based socially and ethically committed professionals who are able to evolve thoughtfully in response to the needs of the industry, the changing world.

### Top News

Twenty-Nine students have secured a job opportunities in Esteemed Companies, with many receiving multiple offers.

Dr. Rudresh SJ from the Department has been recognized as a research supervisor by VTU Belagavi.

Dr. Rudresha SJ, Mr. Kiran Kumar GR, Mrs. Shruthi S and Mrs. Kalpana S authored a Book Chapter titled "A CYBER-PHYSICAL SYSTEMS PERSPECTIVE ON SMART GRIDS" in Futuristic Trends in Artificial Intelligence e-ISBN: 978-93-6252-530-7, IIP Series, Volume 3, Book 10, Part 1, Chapter 4, on 20.06.2024.



**World Environment Day is  
Celebrated by EEE Department on  
June 5th, 2024**

# Gallery



**Tug of War Competition organized on 13.05.2024**



**Slow Bike Race Competition held on 13.05.2024**



**Carrom Competition hosted on 02.04.2024**

**Mehendi Competition was held on 02.02.2024**

**Make time for the things that bring you joy and make you feel alive.**

# Invited Talks



**Dr. Gill Lacey, a Distinguished Professor in the Department of Electrical Engineering at Teesside University in Middlesbrough, Tees Valley, UK, served as the resource person for the program. Her extensive expertise in Engineering and Digital Technologies, provided gave invaluable insights during the session on May 9, 2024.**



**Er. Shivakumar LN, a Distinguished Speaker from the Department of BESCO, Chilur. His notable expertise in Operation and Maintenance, provided insights during the session on June 10, 2024.**



**Dr. Manjunath HM, a distinguished Professor from the Department of Electrical and Electronics Engineering at BIET Davangere, served as the resource person for the program. His notable expertise in Power Systems and Energy Trading, offered invaluable insights during the session on July 6, 2024.**

**"The meaning of communication is the response you get." –NLP maxim**

# Placements – 2024



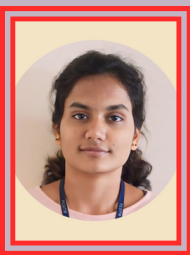
We are excited to announce that the following students have been successfully placed in various esteemed companies during the placement drive held on campus for the academic year 2023-24.



**GANAVI S S**  
TATA ELXSI, ITC FOODS



**AMRUTHA D**  
INDUS TOWERS



**YASHASWINI N**  
INDUS TOWERS



**SHREENA M**  
TALENTSERVE



**AKRUTHI M K**  
TALENTSERVE



**SPOORTHY S**  
TEACHNOOK



**ARAVIND KUMAR S**  
NOVEL



**VYSHNAVI K Y**  
ENVENTURE

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**RAGHAVAN A**  
OJUS POWER



**RANJITH T S**  
OJUS POWER



**SUHAS K**  
OJUS POWER



**AMITH K B**  
NOVEL



**THEJAS B R**  
ENVENTURE



**SHILPA NAYAKA**  
TEACHNOOK



**D S SUPRIYA**  
NOVEL



**CHANDRA L R**  
NOVEL



**JUNAID AHAMED KHAN**  
ENVENTURE



**SHOBHRAJ C**  
CODEGNAN



**ANANYA S U**  
ENVENTURE



**HEMANTH PAWAR S**  
OJUS POWER



**OM PRAKASH S M**  
TALENTSERVE



**AKHILA S**  
NOVEL



**ANUSHA S R**  
NOVEL



**BHARATH D K**  
NOVEL



**PRAJWAL G J**  
OJUS POWER



**SHREYA B S**  
ENVENTURE

**"Only those who dare to fail greatly  
can ever achieve greatly."—Robert F.  
Kennedy**

**04/08**



# Odd Semester Toppers-2023



We are proud to announce the toppers of various semesters in the VTU Examinations conducted in January 2024.



**HAMSAVENI B P**  
**4PM23EE009**  
**SEM : 1**  
**79.75%**



**SIMRAN BANU**  
**4PM22EE027**  
**SEM : 3**  
**87.25%**



**APOORVA P R**  
**4PM21EE005**  
**SEM : 5**  
**82.87%**



**ANANYA S U**  
**4PM20EE007**  
**SEM : 7**  
**87.50%**

## NPTEL Certification Course



1. Mr. Kiran Kumar GR, completed the NPTEL online certification course on "Effective Engineering Teaching In Practice" in March 2024 (4-weeks).

## Proud Moment



Om Prakash SM and his team, Keerthi K and his team, and Sachin HR and his team won cash prizes of ₹25,000, ₹10,000, and ₹5,000 respectively at the National Level Technical Project Exhibition and Competition, Srishti 2024, held on May 25, 2024.

**"The beautiful thing about learning is  
that nobody can take it away from  
you." – B.B. King**

**05/08**

1. Dr. Om Prakash Yadav, published a paper titled "Wind and solar power: A dual approach to clean energy generation" at UGC care approved –Group II Journal( ISSN 0005-0601) during March -2024.
2. Dr. Rudresha S J and Mr. Kiran Kumar G R published a paper titled "Effects of integration of distributed generation on reliability in distribution system" in International Journal of Power Electronics and Drive Systems, in Vol 15, No 1: (Scopus indexed –Q3 level ) during March -2024.
3. All Faculty members guided their students projects for publication in various journals and encouraged them to attend conferences during January to June 2024.

## Interaction with Outside World



1. Dr. Rudresha S. J. delivered a guest talk on "EV Challenges and Emerging Trends" as a resource person at Sanjay Gandhi Polytechnic, Sandur, Bellary, from March 18, 2024, to April 22, 2024.
2. Dr. Rudresha S. J. delivered a guest talk on "Technical Training Program for Pump Equipment Technicians and Students on Energy Efficiency Measures" as a resource person at VISJ Polytechnic, Bhadravathi, on May 3, 2024.
3. Dr. Om Prakash Yadav has reviewed an articles of the Web Science Journal : International Journal of Numerical Methods for Heat & Fluid Flow, year 2024.
4. Dr. Om Prakash Yadav was a REVIEWER for 2nd IEEE International Conference on Networks, Multimedia and Information Technology (NMITCON) is organized at NITTE Meenakshi Institute of Technology, Bengaluru INDIA on 9th and 10th August 2024 in association with IEEE Bangalore Section.

## KSCST Approved Project Proposals



1. Mrs. Kalpana S guided a UG project titled "Self Excited Power Generation Using Magnetic Force," carried out by Keerthi K and team, which was sanctioned by KSCST under the 47th series of the Student Project Programme (SPP) for 2023-24.
2. Mr. Kiran MR guided two UG projects that were sanctioned by KSCST under the 47th series of the Student Project Programme (SPP) for 2023-24. The first project, titled "Smart ATM Card for Multiple Bank Accounts," was carried out by Om Prakash SM and team. The second project, titled "Waste Carbon Capture for Sustainable Product Development," was carried out by Nandan R Hegde and team.
3. Dr. Rudresh SJ proposed a Faculty Development Program (FDP) on "Electrical Engineering Research Challenges and Innovations" under VGST for the academic year 2023-24.

**"Either write something worth reading or do something worth writing." - Benjamin Franklin**

# Program Gallery



**Farewell to the Outgoing  
Students of the 2020-2024  
batch on 31.05.2024.**

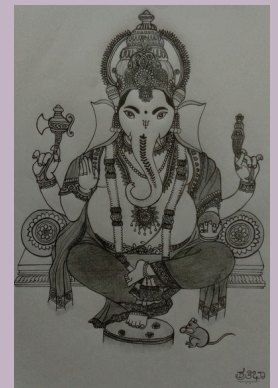


**Graduation Day was held on 30.05.2024**

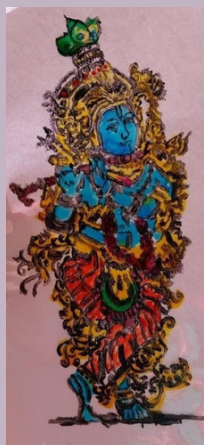
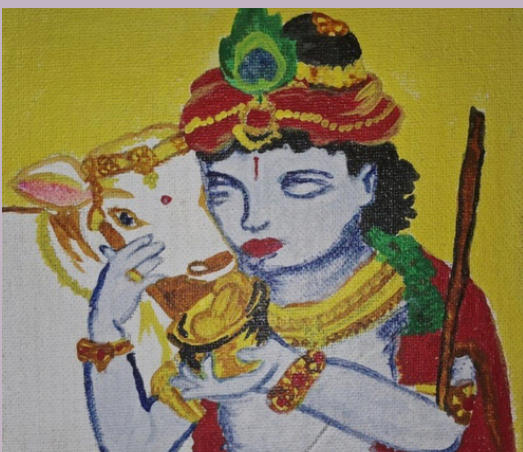


**Offer Letter Distribution Day was held on 22.05.2024**

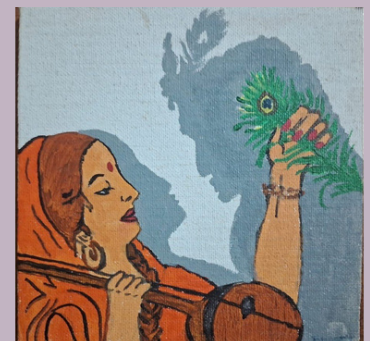
## Arts



**Prathiba S,  
4th Semester**



**Bhoomika  
Yadav,  
4th Semester**



Everyday life is like  
programming, I guess. If you  
love something, you can put  
beauty into it – Donald Knuth

# INVITATION COMMITTEE

We invite everyone to send their articles for a future newsletter edition that fits into the following category.

- Informative, awareness-creating, trending, short or descriptive technical articles /non-technical articles. Paintings,
- Paintings, pencil sketches, doodles, poems, jokes, photography etc.
- Articles are accepted both in Kannada and English languages.

Please share the above information to E-mail Id's:

[kirankumargr@pestrust.edu.in](mailto:kirankumargr@pestrust.edu.in),

[amruthahoblidhar@gmail.com](mailto:amruthahoblidhar@gmail.com),

[sugandhahiremath33@gmail.com](mailto:sugandhahiremath33@gmail.com),and [maheshmarathi1904@gmail.com](mailto:maheshmarathi1904@gmail.com).

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## EDITORIAL COMMITTEE

### **PATRON:**

Dr.Yuvaraju B N, Principal

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### **EDITORS:**

Dr. Om Prakash Yadav, HOD , EEE Dept.

Mr. Kiran Kumar G R, Assistant Professor

Ms. Amrutha Hoblidhar, 6th Sem

Ms. Sugandha H, 4th Sem

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### **STUDENT MEMBER:**

Mr. Mahesh D Marathi, 6th Sem

**“Electrical Engineers: No  
Resistance can Drop our  
Potential.**

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**08/08**