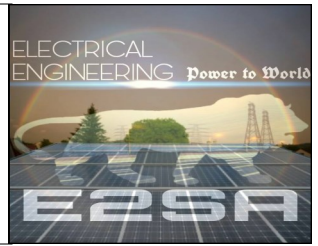




# VIDYUT

## ELECTRICAL ENGINEERING DEPARTMENT DEPARTMENTAL NEWS LETTER (2019-20) VOLUME II



### GEMS OF ELECTRICAL ENGINEERING DEPARTMENT

#### UNIVERSITY RANKERS



Mr. Juber Jahagirdar 5th Ranker



Mr. Rohit Holkar 9th Ranker

#### Special points of interest:

- GEMS OF ELECTRICAL ENGG. DEPT.

#### UNIVERSITY RANKERS

- GATE 2020 QUALIFIED STUDENTS

#### BEST OUTGOING STUDENT

#### BEST STUDENT CO-ORDINATOR

- WORKSHOPS @ DEPT.
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- WORKSHOP FOR DIPLOMA STUDENTS
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#### GATE 2020 QUALIFIED STUDENTS



Mr. Vikrant Bagewadi



Mr. Nikhil Bobe



Mr. Vijay Thorat

#### BEST OUTGOING STUDENT



Ms. Pragati Chatake

She has received **Best Outgoing Student** for A. Y. 2019-20. She also received **Best Player Girl Award**. She is **Runner-up** Volley Ball team member at institute and university level. She is placed in **Dhoot Transmission**.



#### BEST STUDENT CO-ORDINATOR



Mr. Tukaram Sable

He has received Special Award as **Best Student Co-ordinator**. He also received **Best Player Boy Award**. He is **Winner team captain** of Volley Ball Team. He also received **Best Supportive Sport Co-ordinator** by CESA.

#### HOD's Message



Prof R. B. Gharase

I take the privilege to welcome you all on the publication of Volume-II (AY 2019-20) of newsletter "VIDYUT", to the Electrical Engineering Department at N B Navale Sinhgad College of Engg. Solapur. The department has well qualified staff with expertise in Power Systems, Control Systems, Power Electronics and Drives, Electrical Machines, Electronics, Systems & Automation and Computer Applications, assisted by skilled supporting staff. The department seeks to combine excellence in education and research with survive to the industry. Our Laboratories have been very well established not only to cover complete syllabus but to motivate students to learn beyond the syllabus which definitely develops complete knowledge of the subject and develop skill sets of students to become promising engineers in future. The core values of the department help the students to develop their overall personality and make them worthy technocrat to compete and work at global level.

## WORKSHOPS @ DEPARTMENT



One day workshop on 'Innovations, Start-ups and Incubations'

One day workshop on “**Innovations, Startups and Incubations**”, sponsored by PAHSUS and MITCON Pune was conducted by **Mr. Pradeep Dhage, Incubator Manager**, MIT TBI Pune on 10th of February. It was co-ordinated by Prof. M. H. Naikwadi. This workshop was witnessed by nearly 90 participants which included 44 students and 46 staff.

Three days Workshop on “**PLC Programming**” conducted during 23rd to 25th Feb by **Mr. Mahesh Takale**, Chanakya Logic Solutions, Kolhapur for TE Students. It was co-ordinated by Prof. A. A. Kotmale. Students learned hands on PLC programming.



PLC Programming Workshop

## GUEST LECTURES



Guest Lecture on “**PLC and Design of control panels**” for SY Btech and BE students by Mr. Gajanan Bijjargi, Director of Private firm Laxmi Controls conducted on 17th February.



Guest Lecture on “**Applications of Power Systems**” for SY Btech, TE and BE students by Mr. Yassar Sayed (Technical Consultant, ABB Power Consulting), conducted on 7th March.

## INDUSTRIAL VISIT



Industrial Visit @ Bale Substation

Industrial Visit at **Bale Substation, Solapur** of SY Btech on 9th March. It was co-ordinated by Prof. R. P. Landage. In all 22 students participated.

## WORKSHOP FOR DIPLOMA STUDENTS



Two Days workshop on “**Smart Machine Automation & Industrial PCB Design with IOT hands on**” was conducted by Mr. Arif Shaikh for Diploma Students on 29th Feb and 1st March. Around 50 students participated and it was co-ordinated by Prof. S. M. Rangdal.

## E-LEARNING ACTIVITIES



More than

- 300 video lectures
- 2.9K views
- 162 Subscribers
- 59.7 hrs watchtime

During COVID-19 Lockdown period, online classes were effectively conducted by all faculty using video lectures, live sessions, virtual lab sessions, online quizzes, tests, etc.

## ONLINE QUIZZES

\*\* Nationwide Online Quiz on “**Quantitative Aptitude Skills for Placements, GATE and Competitive Exams**” was organized from 28 to 31 May. Received **846** responses.

\*\* Nationwide Online Quiz on “**Emerging Trends in Electrical Engineering**” was organized from 27 to 31 May. Received **430** responses.

## E-WORKSHOP

SPPM'S  
N B Navale Sinhgad College of Engineering, Kegaon-Solapur  
Approved by AICTE, Affiliated to PHS Solapur University, Solapur  
Department of Electrical Engineering

Three Days E-workshop on "Smart Use of Scilab & Virtual Laboratory for Electrical Engineering" On 18<sup>th</sup>, 19<sup>th</sup> & 20<sup>th</sup> May 2020  
For Third Year Diploma Electrical Engineering Students

Scilab  
Virtual Labs  
An MHRD Govt of India Initiative  
E-LEARNING

For more details contact:  
Prof. R B Gharase (HOD) - 7387864360  
Prof. A A Kotmale - 8887413617

Online Registration Link:  
<https://forms.gle/JuG1H15VWnWBSK7>  
Note: E - Certificate will be given to participants.

YouTube links of E-workshop :

<https://youtu.be/C3tVTaKyRCo>  
<https://youtu.be/GlNdnwCZiNM>  
<https://youtu.be/GFoIyaUQwDo>  
<https://youtu.be/z-ld5ZZN1MA>  
<https://youtu.be/VULzlw9144>  
<https://youtu.be/NVvPK3-y22M>  
<https://youtu.be/hFWCCA7R0hQ>

E-Workshop on “**Smart Use of Scilab and Virtual Laboratory for Electrical Engineering**” was organized for Third Year Diploma Electrical Engineering from 18th to 20th May 2020. under the guidance of Prof. R. B. Gharase. Around **150** students virtually participated in the workshop. Resource person were **Prof. V. S. Biradar, Prof. M. H. Naikwadi, Prof. A. D. Shinde and Prof. S. Q. Mulla.**

## WEBINAR

SPPM'S  
N B Navale Sinhgad College of Engineering, Solapur  
Electrical Engineering Department

Organising Webinar on "Understanding Innovation / Incubation Policy of MHRD Govt. of India"  
For Faculty & Students

Presenter  
**MR. PRADEEP DHAGE**  
Incubator Manager,  
MIT Pune TBI

Date: 8th June 2020,  
Timing : 3:00pm to 4:30pm

Link for registration: <https://forms.gle/vrMPqd6FXg4d9JxB8>

Webinar on “**Understanding Innovation/ Incubation Policy of MHRD Govt. of India**” was conducted on 8th June by **Mr. Pradeep Dhage**, Incubation Manager at MIT TBI, Pune. 20 Staff and 30 Students virtually participated in the webinar. It was smoothly co-ordinated by Prof. M. H. Naikwadi.

YouTube link: <https://youtu.be/n3T0sTDCMIM>



## DISTA 2K20



DISTA 2K20 was organized on 12th of March. An overwhelming response of total **183** participants in five events viz., device cracking, technical crossword, quiz, fetch'em and project competition; participated from in and around solapur polytechnic and engineering colleges. Electrical Engineering department received **Highest number of participants Award**.

## UMANG 2K20



Annual Sports and Cultural event known as UMANG 2K20 was organized in the first week of January. Electrical Engineering Department received **Runner up prize in Street Walk**. In Sports **Winner** in Boys **Volley Ball** sport and **Runner-Up** in Girls **Volley Ball** sport.

## 6TH ALUMNI MEET



Annual Alumni meet was organized on **29th February**. Alumni from previous pass out batches attended the meet. Alumni interacted with faculty and students. They also guided to aspiring Engineers by their fresh experiences.

## PRAYOG 2K20 ONLINE



Traffic Control System for Higher Priority Vehicle



Automatic Street Light Control Using Aurdino

**PROYAG 2K20** was organized online in which 100% students from all classes participated. In this included BE final year projects=13, TE mini hardware projects=14 and SY Btech Lab Innovations=8. **First prize** in BE received to **Abhishek Kongari group** and in TE received to **Pragati Ghavane group** and in SY to **Ruta Tombulu group**.

## E2SA ACTIVITIES



On 31st January E2SA Handover ceremony and Fresher's Party for SY Btech students was organized. **Mr. Rajesh Jagtap** (Sectional Engineer at Zilla Parishad Solapur ) and **Mr. Raj Salunke** were invited as chief guests.

## REMARKABLE PLACEMENTS

 Mr. Pratik Jire Accenture	 Mr. Hrushikesh Fulari Abha Electromech	 Mr. Ajinkya Kadam Abha Electromech	 Mr. Abhishek Kongari Dhoot Transmission	 Mr. Vikas Vidap Dhoot Transmission	 Mr. Yatiraj Rathod Dhoot Transmission	 Miss. Mehek Bagwan Dhoot Transmission Digital Vadafone India Pvt. Ltd.
 Miss. Pragati Chatake Dhoot Transmission	 Miss. Rachana Chitte Dhoot Transmission	 Miss. Shradha Patil Dhoot Transmission	 Miss. Vijaya Dake Dhoot Transmission	 Miss. Bhagashri Suryawanshi Dhoot Transmission	 Miss. Archana Kale Dhoot Transmission	 Miss. Abhivyakti Dongare Dhoot Transmission
 Miss. Jyoti Nagshetti Dhoot Transmission	 Mr. Nitin Upase Dhoot Transmission	 Mr. Shyam Solankhe Dhoot Transmission	 Miss. Pratiksha Patil Dhoot Transmission	 Miss. Komal Pukale Dhoot Transmission	 Mr. Suraj Kore Dhoot Transmission	 Mr. Tukaram Sable Dhoot Transmission
 Miss. Laxmi Jambagi Dhoot Transmission	 Miss. Megna Adki Dhoot Transmission	 Miss. Namrata Kamreddi Dhoot Transmission	 Miss. Mohini Mali Dhoot Transmission	 Mr. Wagh Manthan Dhoot Transmission	 Mr. Umesh Upase Dhoot Transmission	 Miss. Pratiksha Nashte Dhoot Transmission Digital Vadafone India Pvt. Ltd.
 Miss. Vaishnavi Goli Dhoot Transmission	 Miss. Shevta Jangam Dhoot Transmission	 Mr. Anand Sane Dhoot Transmission	 Miss. Dhanshri Khadake Dhoot Transmission	 Mr. Vyankatesh Sahnkhe Dhoot Transmission	 Miss. Shrvani Snete Dhoot Transmission	



## TOPPERS LIST

BE	Name of the Student	% Marks (CGPA)
1 <sup>st</sup>	Chadchan Priti Tammanna	78 %
2 <sup>nd</sup>	Suryawanshi Bhagyashri Satish	77.13 %
3 <sup>rd</sup>	Upase Nitin Popat	75.38 %

TE	Name of the Student	% Marks (CBCS)
1 <sup>st</sup>	Jahagirdar Juber Tanveer	84.60 %
2 <sup>nd</sup>	Holkar Rohit Rajendra	83.90 %
3 <sup>rd</sup>	Kanade Manisha Angad	83.40 %

SY Btech	Name of the Student	% Marks (CBCS)
1 <sup>st</sup>	Gawade Shrikant Rajendra	81 %
2 <sup>nd</sup>	Biknure Shubhangi Vaijanath	80.65 %
3 <sup>rd</sup>	Shamshapure Muskan Iliyas	79.25 %

### STUDENTS' ACHIEVEMENTS

- Miss. Pragati Chatake received **“Best Player Girl”** Award in UMANG 2K20
- Mr. Tukaram Sable received **“Best Player Boy”** Award in UMANG 2k20.
- Project of Upase Nitin, Upase Umesh, Solankar Lahu, Giri Kishor and Dudhal Prashant received **First Prize** in project competition organized by MITCRER , Barshi. **2nd Prize** at AGPIET and at DISTA 2k20 of NBNSCOE.
- Volley Ball Boys Team was **Winner** in UMANG 2k20. (Tukaram Sable, Pimple Ritesh, Suraj Kore, Humer Sayyed, Kishor Giri, Shyam Solanke and Yogesh Shinde)
- Volley Ball Girls Team grabbed **Runner-up** place in UMANG 2k20.(Pragati Chatake, Shweta Jangam, Rachana Chitte, Mehek Bagwan, Valkute Prachi, etc.)
- Alumni Mr. Pradip Jadhav has developed **Sanitizing Tunnel** at Ambejogai Police station.

Congratulations



Best Paper Presentation Award



1st Prize Project @ MITCRER



Winner Volley Ball Boys Team

### STAFF ACHIEVEMENTS

- Prof. R. B. Gharase participated in online one week FDP on “Promoting Quality Culture in Technical Institutions” organised by AISSMS COE, Pune ; “Problem based learning” organized by JSPM;s Rajashri Shahu COE, Pune; etc.
- Prof. P. A. Pawar received **“Best Paper Presentation Award”**; attended online FDP on “Learning, Pedagogy and effective use of case methodology” Organised by ASM & ASMA'S Institutions; etc.,
- Prof. M. H. Naikwadi attended in E-workshop on Education 4.0 by Atharva COE, Mumbai, etc.
- Prof. A. A. Kotmale Participated in one week online FDP on ‘Advanced Teaching and Methodologies for outcome based Education’, etc.
- Prof. A. D. Shinde attended STTP on Medical Image Processing and Image Analysis organized by VIT, Pune,, etc.
- Prof. S. M. Rangdal participated in online FDP on Linux organized by SAE,pune; online FDP on ‘AI’ by SWEC Hyderabad, etc.
- Prof. G. R. Hiremath attended online FDP on ‘Enhancing Research work of PhD Aspirants through Systematic Approach’, etc.
- Prof. S. Q. Mulla participated in online FDP on “Usage of Technology in COVID-19” organized by Terna COE, worked as resource person for online Aptitude training sessions.

### VISION

- To Blossom globally competent Electrical Engineers to serve needs and challenges of society through technical excellence”

### GOALS

- To establish State of the art research facilities in the department
- To become globally recognized centre of excellence in fields of Electrical Engineering
- To undertake research and development works in leading technologies and Industries
- To set up the training infrastructure for conducting value added training programs and enhance the employability of students
- To strengthen Industry-Institute Interaction
- To provide technical support in areas of social relevance

### MISSION

- To provide quality education and create research oriented culture by implementing innovative teaching and learning practices
- To develop successful professional engineers and entrepreneurs with values and ethics

### OBJECTIVES

- To impart the knowledge by effective teaching learning methods for successful understanding of electrical engineering aspects among the students
- To expertise students in designing a variety of engineering systems, products or experiments through project based learning.
- To create awareness about judicious use of electrical energy in society
- To empower the students in electrical engineering fields such as design, development, testing, manufacturing, operations and service systems through value addition program