



**GOKHALE EDUCATION SOCIETY'S  
R H SAPAT COLLEGE OF ENGINEERING, MANAGEMENT STUDIES AND  
RESEARCH, NASHIK-05.**

**Department of Electrical Engineering**

**“The Quest for Excellence”**

**e-Newsletter**

**VISION**

To serve as a lead centre for value-based Learning & Innovation in Electrical Engineering.

**MISSION**

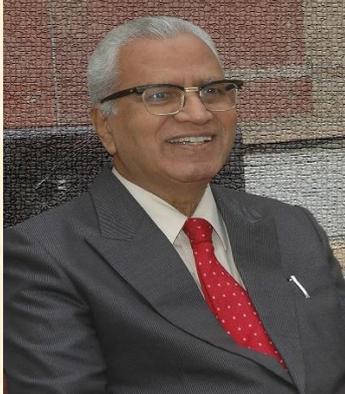
- To create competent technocrats for industries through effective teaching-learning process and industry interaction.
- To create value embedded professionals ready to serve the society.
- To facilitate students & faculties for higher learning to empower them for Research & Development

**Objectives of “The Quest for Excellence”:**

To provide state-of-the-art in electrical engineering department with latest happening, internship, Industry institute interaction, project opportunities, research and development, placements, curricular and extra-curricular activities of all stake holders.

## e-Newsletter-August 2021

### Secretary's Message:



**Sir Dr. M.S. Gosavi**  
**Founder Director**  
 (MBA) 1968  
**Secretary,**  
**Gokhale Education Society**

Aspects of Education are Knowledge, Know-how and Character. Updated scientific knowledge provides an excellent foundation and confidence in personality; Know-how is the ability to translate knowledge into action and empirical knowledge provides insight and vision for innovation and creativity. One has to be knowledge thick-thick with character-ethic. We believe that the Technical Education with Values and Ethics is the greatest need of time. The question that grapples all nations today in the world is how to make education at all levels more effective, impact-making and living. Education can be made more effective & impact making through Faculty Training, Evaluation Reform, Industry Linkages along with Curriculum Development. Gokhale Education Society thought of creating a landmark for technical education. We are sure that the College will soon emerge at the National level as a lead & quality technical Institution with blessings from all concerned. We are also sure it will provide great inspiration and strength to all concerned as a Model to be emulated all over the world.

### Director's Message:



**Prof. P. M. Deshpande**  
**Director (Project)**  
 Gokhale Education Society's  
 R.H. Sapat college of  
 Engineering, Management  
 Studies and Research Nasik-05.

Our college is committed to impart quality technical education with ingrained ethical values. We are committed to instill inquisitiveness amongst all students who can acquire the necessary technical knowledge and skills. By encouraging learning through enquiry, logic and developing a fearless attitude towards the fulfilment of curiosity, true know how & skill-sets can be acquired. Our endeavor to catalyst change in imparting technical knowledge so as to differentiate out students from the rest is firmly embedded in our belief that 21st Century Engineer from this college would be a Lifelong learner, Critical Thinker and Leader of a change. We believe that a four-year Engineering Degree Course bestows. **"A License to Think, Think Logically & Critically"**. Come, let us work towards achieving our aim of becoming;

***"Value Embedded Quality, Global Engineer"***

### From the Principal Desk:



**Dr. Prafulla C. Kulkarni**  
**M.Tech.(Production),**  
**Ph.D. (I.I.T. Kanpur)**  
Gokhale Education Society's  
R.H. Sapat college of Engineering,  
Management Studies and Research  
Nasik-05.

It gives me immense pleasure to present before you a brief of our vision and efforts. Our institute is one of the leading institutes which have taken a leap forward in the quality technical education. The vision of the institute is, "To produce world-class engineers for converting global challenges into opportunities through value embedded quality technical education." To achieve this, we have developed this institute as a Centre of Academic excellence of higher learning in the fields of engineering and technology. Here at GES's R. H. Sapat College of Engineering Management Studies and Research, we are committed to impart necessary skills and knowledge to our students in best possible manner, in good spirit and in the good environment by allowing them to dream big and help them to achieve the same. Industry demands technocrat-leaders to serve various sectors. Placement of young energetic budding engineers is of prime importance to all of us. A systematic development in soft skills and overall confidence building through weekly programs is unique of our institute. Ultimately, our student will be a holistic person.

### From HoD's Desk:



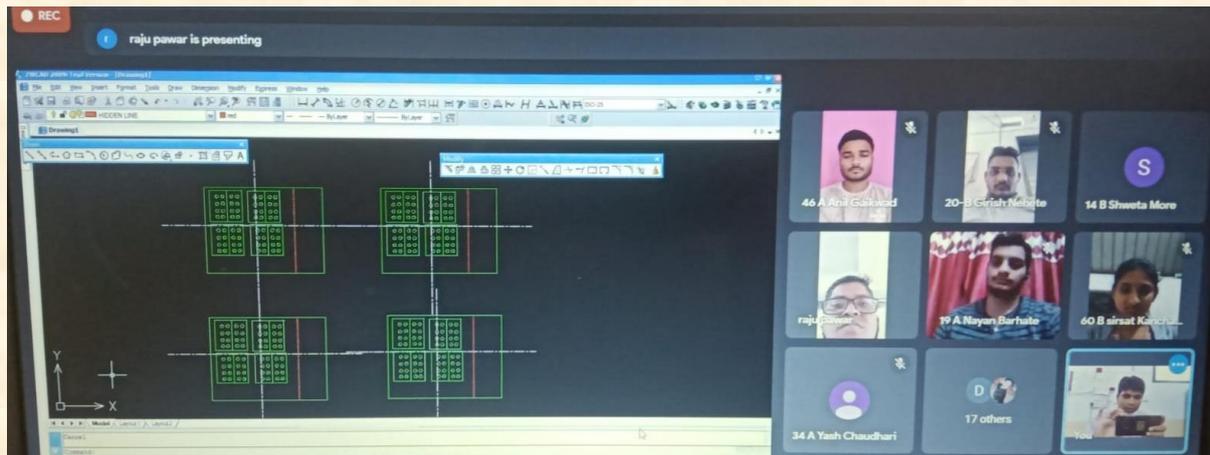
**Prof. M. K. Chaudhari**  
**M.E. (Control Systems)**  
**Pursuing Ph.D. (SVNIT Surat)**

In the academic year 2021-22, the department is committed to enhanced the teaching-learning process, to improve the results of specifically of FE and SE, to strengthen the mentoring scheme, to increase the placement and, also, improve the quality of project-based learning. Accordingly, department has prepared action plan in which various technical workshops/webinars, expert's lectures, seminar for SE students, mock interview, group discussion and aptitude test, hands on practices with high end hardware and software etc are proposed. With these activities, students will be able to design, develop & take up research with eco-friendly innovative solution to electrical engineering problem. The students will also able to create competent technocrats for industries through effective teaching-learning process and industry interaction to possess the hardware, software and operational skills required to work in the Electrical Industry.

## Department Events:

### Workshop on ZW-CAD

The workshop on ZW-CAD has been arranged for TE Electrical students in collaboration with Mechanical engineering department. This activity is coordinated by Mr. H. B. Wagh with expert faculties Mr. S. H. Sonawane, Mr. A. R. Tarle, Mr. S. V. Davange and Mr. R. S. Pawar from 19-08-2021 to 23-08-2021. Aim of the workshop is to understand basic of ZW-CAD software for applications in Electrical engineering like Transformer Design, Switchgear Design, Electrical system design as a line diagram of substation.



### Workshop on C and C++ programming

The workshop on C and C++ programming has been arranged for BE Electrical students and conducted by Computer Engineering department. The coordinator Mr. S.V. Chakor has planned workshop from 23-08-2021 to 28-08-2021 with expert faculties Mr. R. S. Jagale, Mrs. V. S. Nikam, Mrs. R.D. Narwade and Mr. A. P. Shiralkar. The workshop is very advantageous to final year students for placement in software/ IT MNC companies like Infosys, TCS.



### Technical Webinar on dSPACE:

A technical webinar on dSPACE is organised by Dr. A. S. Koshti in collaboration with Dyna Fusion Technologies PVT Ltd. on 25-08-2021. DSPACE is platform for real time simulation which is useful for academic benefits of faculties and students. In the webinar, live demonstration is shown. After understanding the basic fundamentals, this platform can be utilized for advanced applications and control in electrical engineering. What are the

precautions and safety features that we have to take care with working on this platform are also discussed. DSPACE platform can be utilized for making a prototype and one of the useful hardware tools which can utilize MATLAB software library to make your own model and can develop prototype for different applications in Electrical Engineering and you can control it.

### Students Corner:

### Students Placement:

The following students are placed in various multinational companies.



Gokhale Education Society's  
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DEPARTMENT OF ELECTRICAL ENGINEERING



**Campus Placement "Infosys Pvt. Ltd"**  
**HEARTY CONGRATULATIONS TO ALL**



**Sachin Sonawane**



**Aditya Chuadhari**



**Guarav Nikam**



**Smita Ghuge**



**Saloni Walke**



**Neha Gite**



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**Campus Placement "BYJU'S"**  
**Hearty Congratulations**



**Mr. Aakash Wagh**

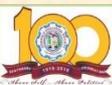
Package  
10 LPA

**Campus Placement "ABB Pvt. Ltd"**  
**Hearty Congratulation**



**Rajul Waykos**

Package  
6 LPA



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DEPARTMENT OF ELECTRICAL ENGINEERING



**Campus Placement "Cognizant Pvt. Ltd"**  
**Hearty Congratulation**



**Mr. Omkar Ankaikar**



**Ms. Minal Songirkar**

**Campus Placement "Nagarro Software Pvt. Ltd"**  
**Hearty Congratulation**



**Mr. Harshal Gawali**

Mr. S. V. Chakor  
T&P Coordinator

Prof. M. K. Chaudhari  
HOD

Dr. P. C. Kulkarni  
Principal

Prof. P. M. Deshpande  
Director(P)

Mr. S. V. Chakor  
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Principal

Prof. P. M. Deshpande  
Director(P)

- [1] Ms. Rajul Waykos is selected in **two MNC's** first in Capgemini Pvt. Ltd. and in second in ABB Pvt Ltd.
- [2] Mr. Omkar Anakaikar is selected in **three MNC's** first Cognizant Pvt Ltd. and second in Capgemini Pvt. Ltd. and third in TCS Pvt. Ltd.

### Students Achievement:

1. Aditya Deshpande participated in social COVID health worker at Shri Guruji Hospital COVID Centre Nashik.
2. Gaurav Vanse from R H Sapat College of Engineering Gokhale Education Society Nashik has successfully secured Business Development (Sales) internship at Dye Waves through Internshala.
3. Chetan Gaikwad from R H Sapat College of Engineering Gokhale Education Society Nashik has successfully secured COVID-19 Teach from home (Open Positions- 5000) internship at World Youth Council through Internshala.
4. Nayan Barhate has satisfactorily completed and has demonstrated proficiency in the curricular set forth by the council for Six Sigma certification and Aveta Business institute to be awarded the title of certified white belt. Six Sigma White Belt in Engineering.
5. Atharva Avhad successfully completed 27 total hours of Complete Ethical Hacking Bootcamp 2021:Zero to Mastery online course. Also, he has successfully completed 6.5 total hours of Electric and hybrid electric vehicle engineering online course.
6. Omkesh Rajendra Borse has successfully completed 7 days long Bootcamp on Python and Machine Learning”, by shapeAI in collaboration with Google developers’ group. Also, he has participated and successfully completed online “National level quiz on Python programming”, organised by Sigma Institute of Engineering, Vadodara, Gujarat.
7. Aniket Jadhav has successfully completed 3 online courses Business Etiquette course, Presentation skills course and Resume writing and cover letter course offer by Tata Consultancy services (TCS) iON.
8. Dhananjay Joshi has secured first place in final year (AY 2020-21) electrical engineering with 9.09 CGPA.

### Students Publications:

- [1] Gaurav Shinde, Deepak Sonje, “A Consequence of partial shading on the attribute curves of a photovoltaic panel”, Publishing Services by Elsevier B.V. on behalf of KeAi Communications Co.Ltd.
- [2] Yash Bangali, Deepak Sonje, “Design and analysis of 3 phase induction motor using Ansys Maxwell” published in Journal of Science and Technology, vol.6, pp.318-324, 2021.

## Faculty Corner:

### Faculty as Recourse person:

- [1] Mrs. R. S. Tidke conducting a session on Wednesday,11/08/2021 as resource person for the subject “Advanced Microcontroller and Embedded System”, organised by Dr. D. Y. Patil Institute of Technology, Pimpri, Pune, Under the Aegis of BoS (Electrical), SPPU, Pune, Online Faculty Orientation Workshop TE (Electrical) Revised Syllabus (2019 Course).
- [2] Dr. D. M. Sonje as resource person for online FDP on Essentials of Data Science, organised by Computer Engineering. Department., RHSCOEMSR, Nashik.

### Faculty Publications/ Achievements:

- [1] V.Wagh, A.Koshti, ‘Evaluation of Series Voltage Injection using Genetic Algorithm for constant load end voltage’, Lecture Notes on Electrical Engineering, Springer, 2021(AISE-2020),NIT, Goa. (To be published). BOOK CHAPTER.
- [2] Deepak Sonje, Alpana Sonje, Harsha Patil, “Bank Note Authentication and Classification Using Advanced Machine Algorithms” published in Journal of Science and Technology, vol.6, pp.285-290, 2021.
- [3] Nagesh Pande,"A Modified Torque Control Technique for Load Sharing Application Using V/F Induction Motor Drives, in 7th International Conference on Electrical Energy Systems-2021 (ICEES 2021), held at Chennai.
- [4] Nagesh Pande, Dr. Atul Phadke, Dr. Prashant Gaidhane, “Connection and Control Strategy for Direct Injection of Railway Platform Rooftop Solar Power into Traction Network”, International Journal of Innovations in Engineering and Science, 16 August, 2021.

### Workshop/webinar/courses attended/completed by faculties:

Name of faculty	Event Title	Event type	Date	Organised by
Mrs. R. S. Tidke	Program on outcome-based teaching, assessment and evaluation	Online National Level STTP	August 2 <sup>nd</sup> -4 <sup>th</sup> , 2021	NBN Sinhgad school of Engineering Pune and InpodsInc.USA.
Mrs. S. G. Khadilkar	Program on outcome-based teaching, assessment and evaluation	Online National Level STTP	August 2 <sup>nd</sup> -4 <sup>th</sup> , 2021	NBN Sinhgad school of Engineering Pune and InpodsInc.USA.
H.B. Wagh	FDP on Innovations in Techno-Management and strategic case-based teaching learning	online International FDP	August 6 <sup>th</sup> -8 <sup>th</sup> , 2021	Sinhgad Institute of Mang. And Computer application, Pune.
H. B. Wagh	Faculty Orientation Workshop TE (Electrical) Revised Syllabus (2019 Course).	Online Faculty Orientation Workshop	August 9 <sup>th</sup> -11 <sup>th</sup> , 2021	Dr. D. Y. Patil Institute of Technology, Pimpri, Pune

Mrs. S. G. Khadilkar	Faculty Orientation Workshop TE (Electrical) Revised Syllabus (2019 Course).	Online Faculty Orientation Workshop	August 9 <sup>th</sup> -11 <sup>th</sup> , 2021	Dr. D. Y. Patil Institute of Technology, Pimpri, Pune
Mr. S.P. Koparkar	Faculty Orientation Workshop TE (Electrical) Revised Syllabus (2019 Course).	Online Faculty Orientation Workshop	August 9 <sup>th</sup> -11 <sup>th</sup> , 2021	Dr. D. Y. Patil Institute of Technology, Pimpri, Pune
Mrs. M. P. Deshpande	Faculty Orientation Workshop TE (Electrical) Revised Syllabus (2019 Course).	Online Faculty Orientation Workshop	August 9 <sup>th</sup> -11 <sup>th</sup> , 2021	Dr. D. Y. Patil Institute of Technology, Pimpri, Pune
Mr. M. V. Reddy	Faculty Orientation Workshop TE (Electrical) Revised Syllabus (2019 Course).	Online Faculty Orientation Workshop	August 9 <sup>th</sup> -11 <sup>th</sup> , 2021	Dr. D. Y. Patil Institute of Technology, Pimpri, Pune
Dr. A. S. Koshti	FDP on Essentials of Data Science	Online Faculty Development program	(27 <sup>th</sup> -31 <sup>th</sup> July 2021)	Computer Engg. Dept., RHSCOEMSR, Nashik
Mr. S. K. Mahajan	FDP on Essentials of Data Science	Online Faculty Development program	(27 <sup>th</sup> - 31 <sup>th</sup> July 2021)	Computer Engg. Dept., RHSCOEMSR, Nashik
Dr. A. S. Koshti	Short Term Training Program (STTP)	STTP on Ansys Low Frequency Electromagnetics	(26 <sup>th</sup> -30 <sup>th</sup> July 2021)	EED, KKWIEER, Nashik
Mrs. M. P. Deshpande	IPR & Patent Filling	Online Workshop	06 <sup>th</sup> Aug 2021	BKC's MET's Institute of Engineering
Mr. S. K. Mahajan	Faculty Orientation Workshop TE (Electrical) Revised Syllabus (2019 Course).	Online Faculty Orientation Workshop	August 9 <sup>th</sup> -11 <sup>th</sup> , 2021	Dr. D. Y. Patil Institute of Technology, Pimpri, Pune

### Industry Visit by Faculty:

**Empire Plastics** - is a leading Manufacturer, Supplier of Reprocessed Hdpe Granules, Black Pp Granules from **Nashik**, Maharashtra, India established by our alumni **Mali Samadhan, Jadhav Harshal and Vaibhav Bhojne** in 2021. Our faculties, Mr. S. V. Chakor, Mr. H. B. Wagh, Mr. M. V. Reddy and Mr. S. K. Mahajan visited **Empire Plastics Nashik**.



### Opportunities in Electrical Engineering field:

The electrical engineers are the basic loop that keeps the circle of technology growing. India is one of the most fast-paced industrial countries in the world, has made progress in the demand for electrical engineers whether in the public sector or private sector. An electrical engineer is generally focused on large-scale electrical systems such as power transmission, motor control, utilizing electricity, and transmitting energy. An electrical engineer designs, develops new electrical systems and tests equipment and solves problem. They are responsible for developing system specifications and layouts. Electrical engineers can work on a diverse range of technologies, from the design of household appliances, telecommunication systems, lighting and wiring of buildings, satellite communications and electrical power stations. Electrical engineering helps you gain excellence over electronics and any equipment powered by electricity. It is used in most complex machines to the easiest machines, used for making the most complicated equipment to the simplest products. The mobile phones that you use today are the work of an electrical engineer, the test equipment like MRI, Ultrasound that you and I don't even give much thought to is the work of an electrical engineer. From small chips installed in machines to big space and robot projects, all of that is the work of an electrical engineer. The careers after electrical engineering and job possibilities are very vast.

## Alumni Corner:

### Alumni Achievement:

We are happy to inform that our Alumni **Gaurav Mahajan** Co-Founder, Director at Oriana India Pvt Ltd has reached to milestone of 50 Crore turnover. Best wishes for his future growth.

## Department in News:

**सकाळ** नाशिक, मंगळवार, २  
**TODAY** ३ ऑगस्ट २०२१

### सपट अभियांत्रिकीच्या विद्यार्थ्यांची कॅम्पसमध्ये निवड

नाशिक, ता. २ : गोखले एज्युकेशन सोसायटी संचालित आर. एच. सपट अभियांत्रिकी महाविद्यालयातील विद्यार्थ्यांची कॅम्पस ड्राईव्हमध्ये निवड झाली. विद्युत अभियांत्रिकी विभागातील विद्यार्थ्यांची राष्ट्रीय आणि बहुराष्ट्रीय कंपन्यात ऑनलाइन मुलाखतीनंतर निवड झाली. यासंदर्भात महाविद्यालयाने दिलेल्या प्रसिद्धीपत्रकात म्हटले आहे, की एबीबी कंपनीत एक, टीसीएसमध्ये दोन, इन्फोसिसमध्ये सहा, कॅपगेमिनीमध्ये दोन, आर्मस्टॉंग मशीन बिल्डरमध्ये तीन विद्यार्थ्यांची निवड झाली आहे. या विद्यार्थ्यांना संस्थेचे संचालक डॉ. एम. एस. गोसावी, आस्थापना संचालक पी. एम. देशपांडे, प्राचार्य डॉ. पी. सी. कुलकर्णी, विभागप्रमुख मंदार चौधरी, ट्रेनिंग व प्लेसमेंट अधिकारी डी. एम. देशपांडे व समन्वयक एस. व्ही. चकोर यांचे मार्गदर्शन लाभले.

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### सपट अभियांत्रिकी महाविद्यालयात विद्युत विभागाची कार्यशाळा संपन्न

नाशिक, दि. ३१ (प्रतिनिधी) : आर. एच. सपट अभियांत्रिकी महाविद्यालयाच्या विद्युत विभागात दि. १९ ऑगस्ट ते २३ ऑगस्ट या कालावधीत 'झेड डब्ल्यू - कॅड' या डिझाईन सॉफ्टवेअरवर तृतीय वर्षातील विद्यार्थ्यांसाठी कार्यशाळेचे आयोजन करण्यात आले होते. पुस्तकातील ज्ञानासोबतच आधुनिक तंत्रज्ञानाचीही ओळख करून देणे हा या कार्यशाळेचा उद्देश होता.

यासाठी यांत्रिकी विभागाचे प्रमुख डॉ. पी. बी. नेहे यांचे सहकार्य तसेच प्रा. एस. एच. सोनावणे, ए. आर. टर्ले, एस. व्ही. दवंगे आणि आर. एस. पवार यांचे मार्गदर्शन विद्यार्थ्यांना लाभले. या कार्यशाळेअंतर्गत तज्ज्ञांकडून 'झेड डब्ल्यू - कॅड' या डिझाईन सॉफ्टवेअरची मुख्य संज्ञा आणि त्यांचे 'इलेक्ट्रिक इंजिनिअरिंग' क्षेत्रातील विविध उपयोग याबद्दलची माहिती व प्रशिक्षण 'ऑनलाईन' पद्धतीने विद्यार्थ्यांना देण्यात आले. महाविद्यालयाचे प्राचार्य डॉ. पी. सी. कुलकर्णी व उपप्राचार्य पी. एम. देशपांडे यांच्या संकल्पनेतून सदर कार्यशाळा आयोजित करण्यात आली होती. कार्यशाळेचे समन्वयक प्रा. हेमंत वाघ, विभागप्रमुख मंदार चौधरी यांनी या उपक्रमासाठी परिश्रम घेतले. कार्यशाळेमध्ये १५० विद्यार्थ्यांनी सहभाग नोंदवला होता.

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## Contributors:

Dr. D. M. Sonje, Mr. S. V. Chakor, Mr. H. B. Wagh, Dr. A. S. Koshti, Mrs. M.P. Deshpande and all departmental faculties, students and Alumni.

## Declaration:

Content in the e-Newsletter "The Quest for Excellence" is compiled by Mrs. R. S. Tidke. Suggestions and inputs leading to the improvement of this newsletter are highly welcomed. Please write on, [hod.electrical@ges-coengg.org](mailto:hod.electrical@ges-coengg.org) and [rekha.tidke@ges-coengg.org](mailto:rekha.tidke@ges-coengg.org)

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