

Annual Report of Electrical Engineering Department for the Academic Year 2019-20

It gives me immense pleasure to put before you the Annual Report which includes various activities performed and the achievements during the academic year 2019-20 of our department.



1. ACADEMIC PERFORMANCE:

The students have shown excellent results in university examination. Result of S.E, T.E and B.E classes of April/May 2019 examination are as follows:

a) University & Class Ranks

BE (Electrical)

Class Rank	Name of Student	University Rank	Percentage
1	Bagban Shifa A.	1 st	85.00
2	Dhumma Nikita B.	2 nd	83.11
3	Barkade Aishwarya L.	3 rd	82.89
4	Badavane Vikram C.	4 th	80.07
5	Kairamkonda Bhavana Narasayya	4 th	80.04

TE (Electrical)

Class Rank	Name of Student	University Rank	Percentage
1	Khairate Priya M.	4 th	83.50
2	Mhamane Smita A.	5 th	83.25
3	Pawar Ajay Prasad	8 th	81.50
4	Naiknaware Pradnya Ganesh	10 th	81.25
5	Jawale Prajwal T.	-	79.63

SE (Electrical)

Class Rank	Name of Student	CGPA
1	Dakhani Yaseen Khan Anwar Khan	9.18
2	Jadhav Shital Satish	9.17
3	Pudur Venugopal Narsing	9.02
4	Gaikwad Ankita Prashant	8.96
5	Khamitkar Sanket Suryakant	8.8

c) Class wise Results:

S.E. (Electrical) – 82.66 %

T.E. (Electrical) – 74.60 %

B.E. (Electrical) – 93.94 %

d) GATE Result:

Sr. No.	Student Name	Marks	Gate Score
1	Ms. Futane Prerana A.	30.33	311
2	Mr. Vishal Anil Sathe	34.33	362
3	Mr. Balaji Jadhav	34.33	395
4	Mr. Bolabattin Azadkumar G	38.33	413
5	Mr. Shaikh Jishan S.	35	370

2. STUDENT PLACEMENTS:

Sr. No.	Name of Company	No. of Students Placed
1	Wipro	01
2	Varroc Engineering	16
3	Qspider	07
4	Universal Education	05
5	Dhoot Transmission	07
6	Epic Research	03
7	Just Dial	02
8	Deen Dayal Upadhyay Grameen Kaushalya Yojna	01
9	Statistics Market Research Consulting Pvt. Ltd.	01

3. FACULTY PUBLICATIONS:

Vijaykumar S. Shirwal and Dr. Mahesh S. Chavan, "Efficient Implementation of Complex Matrix Inversion for LMMSE Decoder", International Journal of Computer Applications (IJCA) Volume -178, No. 20, pp 12-17, June 2019.

4. FACULTY ACHIVEMENT:

- Prof. A. J. Mehta was awarded as best teacher of the department for academic year 2018-19 on the occasion of Teachers day.
- Prof. Irfan Mujawar qualified GATE 2020 exam of Electrical department.
- Project guided by Prof. S. S. Shaha titled “Portable Refrigeration System for Vaccine Distribution for Remote Location” got the first prize in Avishakar university level project competition and Second Prize at 14th Maharashtra State Inter University Avishkar Research Convention: 2019-20.
- Project group under Prof. N. U. Gawali and Prof. D. D. Pawar participated in Smart India Hackathon (SIH) 2019 (hardware Edition) grand finale held on July 8 to 12, at the Nodal Centre of NIT Trichy.
- Prof. Irfan I. Mujawar and Prof. H. J. mane successfully completed the project “Comparison of AG with LT Network, HVDS, and Solar PV Pump of 11kV Nehrunagar Ag Feeder, Degaon, Solapur”. This project is received from CTARA, IIT Bombay under Unnat Maharashtra Abhiyan (UMA) as a part of training on “Analysis of Infrastructure for Energized Irrigation”. Project was executed from January to March 2020.
- Prof. V. S. Shirwal worked as a reviewer for springer international journal on Wireless Personal Communication.
- Prof. A. J. Mehta worked as a reviewer for Electrical Engineering –Archiv fur Elektrotechnik journal published by Springer.
- Prof. V. S. Shirwal Organized webinar on Renewable Energy – Opportunities & Challenges Post COVID-19 in association with Spitzen Energy Solutions Pvt. Ltd. Pune on 17th June 2020.
- Prof. V. S. Shirwal Organized webinar on Skill Development in Renewable Energy sector in association with Spitzen Energy Solutions Pvt. Ltd. Pune on 10th May 2020.
- Prof. A. J. Mehta Conducted Guest Lecture on ‘Applications of Electrical Machines’ at G. P. Solapur on 6th September 2019.
- Prof. A. J. Mehta Conducted Guest Lecture on ‘AC Machines’ at BMP Solapur on 16th August 2019.
- Prof. A. J. Mehta Organized Technical Competition “Technovation” for TY Diploma students on 9th March 2020
- Prof. A. J. Mehta Coordinated & Conducted Solar Ambassador Workshop for 12th Science Students on 2nd October 2019.
- Prof. A. J. Mehta coordinated a webinar on Renewable Energy – Opportunities & Challenges Post COVID-19 in association with Spitzen Energy Solutions Pvt. Ltd. Pune on 17th June 2020.
- Prof. A. J. Mehta Organized a quiz on Basic Electrical Engineering for TY Diploma students on 1st June 2020.
- Prof. D. D. Pawar Conducted Guest Lecture on ‘Power Quality’ for TY students of G. P. Solapur on 9th August 2019.
- Prof. D. D. Pawar conducted Technical Competition “Technovation” for TY Diploma students on 9th March 2020.
- Prof. D. D. Pawar conducted Solar Ambassador Workshop for 12th Science Students on 2nd October 2019.

5. FACULTY INTERACTION WITH OTHER INSTITUTES:

- Prof. V. S. Shirwal Organized & Conducted Solar Ambassador Workshop for 12th Science Students on 2nd October 2019.
- Prof. V. S. Shirwal judged a technical event organized by SSWP in Jan. 2020.
- Prof. I. I. Mujawar conducted an online workshop on “How to use Khan Academy App” for high school and junior college teachers on 16th and 17th April 2020.
- Prof. I. I. Mujawar organized a session on “Carrer Opportunities in Engineering” for the students of Social High School and Junior College, Solapur in February 2020.

- Prof. I. I. Mujawar conducted Solar Ambassador Workshop for 12th Science Students on 2nd October 2019.
- Prof. N. U. Gawali Arranged NITTTR, Kolkata Short Term Training Programme through ICT Mode (On-Line) on “Theory, Operation and Applications of Transducers & Actuators in Industry (ICT17)” for Engineering faculty on 30th December 2019 to 03rd January 2020
- Prof. N. U. Gawali conducted Solar Ambassador Workshop for 12th Science Students on 2nd October 2019.
- Prof. N. U. Gawali Arranged webinar on “SCUBE Standard PLC Logic development for Automotive Industry” in collaboration with Sofcon India Pvt .Ltd for Engineering & Diploma students on 4th June 2020.
- Prof. H. J. Mane conducted Solar Ambassador Workshop for 12th Science Students on 2nd October 2019.
- Prof. V. Santoshkumar conducted Solar Ambassador Workshop for 12th Science Students on 2nd October 2019.
- Prof. S. S. Shaha conducted Solar Ambassador Workshop for 12th Science Students on 2nd October 2019.
- Prof. P. S. Patil conducted Solar Ambassador Workshop for 12th Science Students on 2nd October 2019.

6. INDUSTRY - INSTITUTE INTERACTION:

a) Testing And Consultancy Activity

i. Project title: Analysis of capacitor installation on agricultural pumps

This project is received from **CTARA IIT Bombay**. In the academic year 2017-18 capacitors were installed on 78 agricultural pumps on 11KV Nehrunagar Agricultural feeder. In the academic year 2018-19 technical analysis of capacitor installation is carried out. Status and health of capacitor is recorded. Attitude of farmers regarding capacitor is monitored. Coordinators for the project: Prof. Irfan I Mujawar and Prof. V. S. Shirwal

ii. Project title: Energy audit of Laxmibai Bhaurao Patil Mahila Mahavidyalaya, Solapur

Energy audit of Laxmibai Bhaurao Patil Mahila Mahavidyalaya, Solapur is conducted on 20th March 2019. Coordinators for the project: Prof. V.S. Shirwal and Prof. Irfan I Mujawar.

- iii. Prof. Irfan I. Mujawar and Prof. H. J. mane successfully completed the project “Comparison of AG with LT Network, HVDS, and Solar PV Pump of 11kV Nehrunagar Ag Feeder, Degaon, Solapur”. This project is received from CTARA, IIT Bombay under Unnat Maharashtra Abhiyan (UMA) as a part of training on “Analysis of Infrastructure for Energized Irrigation”. Project was executed from January to March 2020

b) Sponsored Project:

Sr. No.	Project Title	Project Guide	Name of Sponsoring Agency
1	Solar System for Petrol Pumps in India	Prof. V. B. Bhosale	Ganraj Petroleum Osmanabd
2	Energy Audit & Solar System Design for Textile Mil	Prof. Ms. S. S. Shaha	Bura Textile Industry Solapur
3	Performance Analysis of Capacitor Installation for Enhancing Energy Efficiency of Agriculture Feeder	Prof. I. I. Mujawar	CTARA IIT BOMBAY
4	Design of Rooftop Solar System for Pump Industry.	Prof. I. I. Mujawar	Bhushan Industry Solapur
5	Electrical Power Monitoring & Protection by Using Real Time System for 3 Phase.	Prof. D. D. Pawar	SPAN Electrical, Solapur

- c) All S.E. & T.E students have undergone 15 days of Industrial Training during winter vacation at various Industries.

The prominent industries are as follows:

1. Indian Railway DRM section
2. Kirloskar Ferrous Industry, Solapur
3. MSETCL
4. MSEDCL
5. Payal Pumps, Solapur
6. Raj Electricals, Osmanabad
7. Sidhanath Sugar Mill

d) During the Summer Vacation all the students of SE and TE have completed online courses as part of Internship/Industrial training with duration of 2 to 4 week. The courses are as follows

1. Electrical Power Systems
2. Python For Everybody
3. Solar Energy Basics
4. Electrical Autocad
5. Knockdown the Lockdown
6. Online Courses offered by TATA STEEL.

7. SHORT TERM COURSES / CONFERENCE/ WORKSHOPS ORGANISED / ATTENDED BY OUR FACULTY MEMBERS.

A) STTP/FDP ATTENDED

- 1) Following faculty members have attended a one-week Short Term Training Program through ICT Mode (On-Line) on “Theory, Operation and Applications of Transducers & Actuators in Industry (ICT17)” organized by NITTTR, Kolkata from 30 Dec 2019 to 3 Jan 2020.
 - 1) Prof. V. S. Shirwal
 - 2) Prof. C. B. Bagal
 - 3) Prof. V. Santoshkumar
 - 4) Prof. H. J. Mane
 - 5) Prof. A. J. Mehta
 - 6) Prof. V. B. Bhosale
 - 7) Prof. N.U. Gawali
 - 8) Prof. S. S. Shaha
 - 9) Prof. P. S. Patil
 - 10) Prof. D. D. Pawar
 - 11) Prof. I. I. Mujawar
- 2) Following faculty members have attended One Week FDP on “Design and Development of Electric and Hybrid Electric Vehicle Technology” from 12-16 May 2020 organized by SAE INDIA, Western section and NKOCET.
 - 1) Prof. V. S. Shirwal
 - 2) Prof. V. Santoshkumar
 - 3) Prof. H. J. Mane
 - 4) Prof. A. J. Mehta
 - 5) Prof. V. B. Bhosale
 - 6) Prof. N.U. Gawali
 - 7) Prof. S. S. Shaha
 - 8) Prof. P. S. Patil

9) Prof. D. D. Pawar

10) Prof. I. I. Mujawar.

- 3) All Electrical faculties have completed a course “Hands-on training on Solar Study Lamp Assembly” organized by IIT Bombay conducted from 1st May to 31st December 2019.
- 4) Prof. S. S. Shaha attended One-week online training program on “Experience in Solar Energy: Challenges & Opportunities” from 8th to 13th June 2020 organized by PCCOE Pune.
- 5) Prof. V. S. Shirwal, Prof. S. S. Shaha & Prof. V. Santoshkumar attended 5 days online STTP on “MATLAB based Teaching –Learning in Mathematics, Science and Engineering” from 18-22 May 2020 organized by Ramrao Adik Institute of Technology, Nerul, Navi Mumbai in collaboration with DigiTech System PVT Ltd., Mumbai
- 6) Following faculty members have attended online One Week FDP on “Electrical Design contracting and energy bill calculation” from 9-11 May 2020 organized by RIT Sangli.
 - 1) Prof. V. Santoshkumar
 - 2) Prof. A. J. Mehta
 - 3) Prof. V. B. Bhosale
 - 4) Prof. N.U. Gawali
 - 5) Prof. S. S. Shaha
- 7) Prof. S. S. Shaha attended One Week FDP on “Effective use of ICT tools in Teaching Learning Process” from 8th – 13th June 2020 organized by Government Polytechnic Malvan.
- 8) Prof. S. S. Shaha & Prof. V. Santoshkumar attended One week FDP on “Problem based learning” from 1st -5th June 2020 organized by JSPM Tathawade, Pune
- 9) Prof. N.U. Gawali & Prof. V. Santoshkumar attended One Week FDP on “Artificial Intelligence & Machine Learning using Python” from 10-14 Feb 2020 organized by NKOCET Solapur
- 10) Prof. H. J. Mane & Prof. P. S. Patil attended One Week FDP on “Renewable energy sources” from 18-23 Nov 2019 organized by SVPCOE Nagpur.
- 11) Prof. N.U. Gawali & Prof. P. S. Patil attended One Week FDP on “BOSS Linux-UBUNTU Operating System” from 15-21 April 2020 organized by KBP Satara.
- 12) Following faculty members have attended Three Days Online FDP on “Recent Development in Electrical Transmission & Distribution” from 28 to 30 May 2020 organized by Godavari College of Engineering & Polytechnic, Jalgaon.

- 1) Prof. V. Santoshkumar
- 2) Prof. A. J. Mehta
- 3) Prof. V. B. Bhosale
- 4) Prof. S. S. Shaha
- 13) Prof. S. S. Shaha, Prof. Irfan I. Mujawar, Prof. V. B. Bhosale & Prof. A. J. Mehta attended One Week FDP on "Implementation and simulation of Electrical Engineering Applications Using PLECS Tool" organized by Electrical and Electronics Engineering Department, VCE in Association with PLEXIM, Switzerland
- 14) Prof. V. B. Bhosale & N.U. Gawali attended 4 Day FDP on "Technology towards common man" from 10-13 June 2020, organized by Sri Manakula Vinayagar Engineering College.
- 15) Prof. V. B. Bhosale & N.U. Gawali attended 4 Day FDP on "Research opportunities in Electrical engineering" from 7-16 May 2020, organized by Government College of Engineering, Karad.
- 16) Prof. V. B. Bhosale attended 4 Day FDP on "Engineering education and Industry: A post COVID19 Perspective" from 1-6 June 2020 organized by Government College of Engineering Karad.
- 17) Prof. V. B. Bhosale attended 4 Day FDP on "Design of Solar PV system by using PVSyst software" from 9-13 June 2020 organized by Vaagdevi College of Engineering.
- 18) Prof. V. B. Bhosale attended 4 Day FDP on "Implementation of advanced optimization technique by using MATLAB" from 1-6 June 2020 organized by RIT, Sangli.
- 19) Prof. V. B. Bhosale attended One Week FDP on "Technical Teacher's Training" from 22-27 May 2020 organized by VVIT, Pal
- 20) Prof. V. B. Bhosale & Prof. V. Santoshkumar attended One Week FDP on "Industrial IoT, "Industry 4.0 and Distruptive Technologies" from 05-10 May 2020 organized by DBATU-Lonere.
- 21) Prof. V. B. Bhosale attended One Week STTP on "Patenting for Innovations" from 25-29 May 2020 organized by Sanjivani College of Engineering Kopargaon.
- 22) Prof. Irfan I. Mujawar Completed One Week Faculty Development Program from 1st June to 5th June 2020 on the topic "Power Quality and Reactive Power Management" Organized by SIT College Yadrav in association with Clariant Power Systems Ltd.
- 23) Prof. D. D. Pawar attended one Week FDP on "Data Sciences" from 30 April to 4 May 2020 organized by DBATU Lonere.
- 24) Prof. D. D. Pawar attended one Week FDP on "Internet of Things(IoT)" from 25-29 May 2020 organized by DBATU Lonere.
- 25) Prof. V. Santoshkumar attended one Week FDP on "Next Generation Electronics and computer Networks" from 2-6 June 2020 organized by Bheemna Khandre Institute, Bhalki.
- 26) Prof. V. Santoshkumar attended one Week FDP on "Effective proposal writing for research and funding" from 13-18 May 2020 organized by Sandip Institutes of technology & research centre Nashik.
- 27) Prof. V. S. Shirwal attended MHRD IIC inovation series of 17 sessions.
- 28) Prof. V. S. Shirwal organized a FDP on Mentor Graphics VLSI tool: Backend and Frontend Design – A Hands on Approach by Trident TechLabs Pvt. Ltd., Pune
- 29) Prof. V. S. Shirwal attended International FDP on "Future Advancements and applications of IoT" from 12 to 14 June 2020 arranged by Sandip foundation's Sandip Institute of Engineering and Management , Nashik.
- 30) Prof. V. S. Shirwal attended one week AICTE FDP on "Statistical Inference and Linear Algebra" organized by DBATU, Lonere from 21 to 25 December 2019.
- 31) Prof. V. S. Shirwal attended three days AICTE Online Course on Examination Reforms organized by AICTE New Delhi from 28th to 30th April 2020.
- 32) Prof V. S. Shirwal organized one week "Student Excellence and Learning program (SELP)" by Art of Living, Bangalore through DBATU, Lonere from 22nd July to 26th July 2019.
- 33) Prof. V. S. Shirwal attended three days FDP on "Data science using Python" organized by Smt. Kasturbai Walchand College .Sangli from 12th June to 14th June 2020.
- 34) Prof. V. S. Shirwal attended online one week FDP on Moodle in association with Spoken Tutorial IITB an initiative of NMEICT, MHRD, Govt. of India organized by Willingdon College, Sangli from 23rd May to 29th May 2020.
- 35) Prof. H.J. Mane Attended three-days workshop on "Online Learning Workshop" on 1-3 April 2020 organized by QASPIR.
- 36) Prof V. Shirwal organized a session on "Work Life Balance" by the Art of Living teacher Mrs. Shagun Didi on 24th July 2019.

B) WORKSHOP ATTENDED:

- 1) Prof. V. S. Shirwal, Prof. S. S. Shaha & Prof. Irfan I. Mujawar attended “Effective and Efficient Online Teaching in the Age of Corona, A Hands On Workshop” on 17th May 2020 through IIT Bombay Bodhi-Tree platform.
- 2) Following faculty members have attended 1 Day Workshop on “Linux” conducted by NMIECT on 23 August 2019
 1. Prof. V. Santoshkumar
 2. Prof. H. J. Mane
 3. Prof. A. J. Mehta
 4. Prof. V. B. Bhosale
 5. Prof. N. U. Gawali
 6. Prof. S. S. Shaha
 7. Prof. P. S. Patil
 8. Prof. D. D. Pawar
 9. Prof. I. I. Mujawar
- 3) Following faculty members have attended 1 Day Workshop on “C & C++” from conducted by NMIECT on 29 Feb 2020
 1. Prof. V. Santoshkumar
 2. Prof. H. J. Mane
 3. Prof. A. J. Mehta
 4. Prof. V. B. Bhosale
 5. Prof. N. U. Gawali
 6. Prof. S. S. Shaha
 7. Prof. P. S. Patil
 8. Prof. D. D. Pawar
 9. Prof. I. I. Mujawar
- 4) Prof. V. S. Shirwal attended a Workshop on” eSim and Arduino” organized by IITB on 21st Sep. 2019 and 8th Feb. 2020.

8. DEPARTMENT ADVISORY BOARD:

Electrical Department Advisory Board meeting was conducted on 5th May 2020. The purpose of this meeting is to understand how industries working under lockdown COVID-19 situation as well as to discuss the post COVID-19 working in industries taking into consideration the various measures with proper precautions. For this meeting 3 Industry Representative and 2 Alumni were participated as follows:

1. Mr. Suneel Pendse, MD, Onkar Trading, Solapur
2. Mr. Gajanan Bijjargi MD Laxmi Control, Solapur
3. Mr. Sagar Katte MD JDK Enterprises, Solapur
4. Mr. Gujan Tipe, Mechatronics Engineer, EInfotek, bHyderabad
5. Mr. Ramling Chougule, System Engineer, AVL Electronics, Pune

The meeting underlines the importance of new knowledge areas such as Artificial intelligence, Machine learning is part of future work requirement irrespective of branch of engineering. Also the opportunity for Electrical Engineer in Machine Installation, Programming and maintenance will rise in near future. E-vehicle and facilities for its charging stations will be in huge demand. The key message from the meeting is stay safe and keep Hygiene at work place.

9. NPTEL COURSES:

Class	Name of the course	No. of Student registered
SE	Non-Conventional Energy Resources	14
	Power System Engineering	20
TE	Advance power electronics & Control	55
	Control Engineering	54
	Industrial Automation And Control	58

10. OTHER COURSES:

Name of the course	CLASS & No. of Student completed
1. Coursera Platform	
Electrical Power System	SE-48 TE-17
Python for Everybody	SE-68 TE-17
Wind Energy	SE-05 TE-02
Solar Energy Basics	SE-20
Electrical Industry Operation and Marketing	SE-03
Interpersonal communication for engineering leaders	SE-31
Oral Communication/Communication skills for engineers	SE-14 TE-10
Personality types of work	SE-04
Grammar and punctuation	SE-06
Introduction to soft skills	SE-10
Business English: basics	SE-06

C for everyone	SE-03
Conversation English skill	SE-20
Machine Learning	SE-05
AI for everybody	SE-04
2.Energy Swaraj Foundation Platform(IIT Bombay)	
Learn to design your own solar home system	SE-60 TE-03
3. TATA Steel Platform	
Induction Motor	SE-15 TE-04
Transformer	SE-22
Natural gas	SE-05 TE-02
4. AutoCAD Platform	SE-55
5. TCS ION career Edge/knockdown to Lockdown	SE-22 TE-03

11. CO-CURRICULAR COURSES FOR STUDENTS

The department conducted various Co- Curricular courses for our students as follows.

- 1.Prof. P S Patil organized three Days Workshop on Solar Energy for TE Electrical Students in collaboration with Orb Energy, Bengluru, 72 students were participated for the course which was conducted during 30th Aug. to 1st sept. 2019.
- 2.Prof. V B Bhosale organized three days workshop on AutoCAD for SE Electrical Students in collaboration with Sanjay Computers, Solapur from 20 to 22 Feb 2019. (82 students participated)
- 3.Prof. Nitin Gawali organized one Day Workshop on PLC & SCADA on 23/08/2019 for BE Electrical Students in collaboration with Sofcon India Pvt. Ltd, Pune (60 students participated).
- 4.Prof. Nitin Gawali organized one Day Workshop on "Industrial Automation" on 19/10/2019 for TE Electrical Students in collaboration with The World of Automation, Pune (74 students participated).
- 5.Prof. Nitin Gawali organized webinar on SCUBE standard PLC Logic development for Automotive Industry on 04/06/2020 for SE, TE, BE Electrical Students in collaboration with Sofcon India Pvt. Ltd, Pune (100 students participated).
- 6.Prof. V S Shirwal organized webinar on Renewable Energy- opportunities & challenges post COVID-19 for SE, TE, BE Electrical Students in association with

Spitzen Energy Solutions Pvt. Ltd., Pune on 17/06/2020. (100 students participated)

- 7.Prof. I. I Mujawar (Dean Academic) conducted session on Success is My Choice on SE Electrical students on 31/01/2020 (72 students participated)

Class	Name of the course	No. of Student registered
SE	MATLAB Programming for Numerical Computation	12
	Power System Engineering	09
	Electrical Machines I	11
TE	Fundamentals of Power Electronics	37
	Programming In C+	8
	Problem solving through Programming In C	24

12. CONTRIBUTION OF FACULTY MEMBERS IN VARIOUS DEPARTMENT & INSTITUTES ACTIVITIES

Name of faculty	Contribution
Prof. V. Santoshkumar	Class coordinator (BE)
	Dept. timetable coordinator
	Department library coordinator
	POE coordinator
	Incubation coordinator
	Sports coordinator (Volley Ball)
	Electrical Measurement Lab Incharge
Prof. H. J. Mane	Class Coordinator (TE)
	Expert lecture
	Website coordinator
	Archive Coordinator
	Power Electronics & Drives Lab. In charge
Prof. A. J. Mehta	DSE Coordinator
	FE Coordinator
	DBATU Exam Coordinator
	DBATU POE Coordinator
	Class Coordinator SE
	Electrical Machine I Lab Incharge
	Electrical Machine II Lab Incharge.
Prof. S. S. Shaha	Academic Monitoring Committee Member
	Dept. SUS exam coordinator
	Magazine Coordinator
	Newsletter coordinator
	Magazine (Art Section) Coordinator
	Analog & Digital Circuit Lab Incharge
	Cultural Committee Member

Prof. V. B. Bhosale	Industry visit coordinator
	Industry connect coordinator
	Alumni Coordinator
	Industry-Institute Partnership / MoU coordinator
	T&P coordinator
	EDP Coordinator
	PMKY Solar Panel Installation
Prof. N. U. Gawali	Career Counselling coordinator
	BE project coordinator
	Control System Lab Incharge
	PLC & SCADA Lab Incharge
	Computer Lab II Incharge
	Antiragging coordinator (Institute Level)
Prof. P. S. Patil	Proctor Faculty Coordinator
	Co-curricular course coordinator
	Self-learning module coordinator
	NPTEL Course Coordinator
	Computational Lab I Incharge
	Bus coordinator (Institute level)
	Parent Teacher Coordinator (PTA)
Prof. D. D. Pawar	Aptitude Test Coordinator
	Industrial training coordinator
	ACEE Committee Coordinator
	Departmental NAAC coordinator
	Magazine Coordinator (Technical Section).
Prof. I. I. Mujawar	Orchitech coordinator
	Project Lab Incharge
	FE FC Coordinator (Institute Level)
	Switchgear & Protection Lab Incharge

13. AWARDS WON BY STUDENTS IN VARIOUS COMPETITIONS

Sr. No.	Name of student	Class	Competition	Organized by	Prize
1	Dakhani Yaseen Khan	TE	ElectroSpark	NKOCET	1st
2	Nikita Burla	TE	ElectriSpark	NKOCET	1st
3	Venugopal Pudur	TE	ElectriSpark	NKOCET	2 nd
4	Vikas Kodam	TE	ElectroSpark	NKOCET	2 nd
5	Dakhani Yaseen Khan	TE	Project Exhibition	NBNSCO	1st
6	Shubham Raul	TE	Project Exhibition	NBNSCOE	1st
7	Aishwarya Chauhan	TE	Project Exhibition	NBNSCOE	1st
8	Nikita Burla	TE	Project Exhibition	NBNSCOE	1st
9	Venugopal Pudur	TE	Project Exhibition	NBNSCOE	1st
10	Shubham Raul	TE	Device Cracking	NBNSCOE	1st

11	Aniket Waghmare	TE	Device Cracking	NBNSCOE	1st
12	Sarvesh Birajdar	TE	Device Cracking	NBNSCOE	2 nd
13	Abhishekh Jakapure	TE	Device Cracking	NBNSCOE	2 nd
14	Dakhani Yaseen Khan	TE	Technical Crossword	NBNSCOE	1st
15	Nikita Burla	TE	Technical Crossword	NBNSCOE	1st
16	Vaishnavi Kumathekar	TE	General Quiz	NBNSCOE	1st
17	Mitali Madgundi	TE	Painting Competition	All india Painting Competition	Participated
18	Vikas Utage	BE	Fun Games	NKOCET	1 st
19	Manish Waghmode	BE	Fun Games	NKOCET	1 st
20	Aviraj Dhotre	BE	Fun Games	NKOCET	2 nd
21	Prathmesh Kamble	BE	Fun Games	NKOCET	2 nd

14. AMBITIOUS CANAL OF ELECTRICAL ENGINEERING (ACEE) ACTIVITIES:

a) ACEE Committee:

Following students were elected as office bearers of Ambitious Canal of Electrical Engineering Students Association (ACEE) for the academic year 2019-2020.

Sr. No.	Post	Name of Student
1.	President	Ms. Snehal Patil (BE)
2.	Vice-President	Mr. Dakhani Yaseen Khan (TE)
3.	Secretary	Mr. PawanKumar Yemul(TE)
4.	Treasurer (Head)	Mr. Nikhil Dasmane (TE)
5.	Cultural (Head)	Mr. Vaishnavi Kumathekar(TE)
6.	Discipline (Head)	Mr. Chilveri Guruprasad(TE) Ms. Nikita Burla(TE)
7.	Sports (Head)	Mr. Nagesh Dilip Hangarge(TE)
8.	Technical (Head)	Mr. Shubham Raul(TE)
9.	Food (Head)	Mr. Anuj Chourasiya(TE)
10.	Decoration (Head)	Mr. Sanket Khamitkar(TE)
11.	Anchoring (Head)	Mr. Aishwarya Chauhan(TE)
12.	Photos & Gallery	Mr. Megha Narayankar(TE) Mr. Aditya Lomate(TE)

b) Events Organized By ACEE Committee in A.Y. 2019-20

Events	Activity
Guru Poornima	Student Speeches
Fresher's Party	Welcome of 2nd Year Students
Teachers Day (5th Sept 2019)	Felicitation of Teachers, Drama On importance of Teacher
Engineer's Day (15th Sept 2019)	Technical Events- <ul style="list-style-type: none"> • Poster Presentation • Treasure Hunt • Quiz Competition
Mahatma Gandhi Jayanti (2nd Oct 19)	Introduced life and efforts taken by Mahatma Gandhi for freedom of Nation by performing Drama, Speeches and shown documetry.
Marathi Bhasha Pandharwada (5th Jan 2020)	Speeches and Poster Presentation
Technovation 2K20 (9th March 2020)	Technical Event for Diploma Students & Non-Technical Events for 11 th & 12 th Students
Cultural Programs	Blue Day Mismatch Day Bollywood Day Twins Day
Inter-Department Sports	Cricket and Volleyball Matches

c) Expert Lecture Arranged by ACEE for Benefit of Students

Class	Topic	Resource Person
S.E.	Stress Management	Smt. Alka Kakade Psychological Councillor
	Three Phase Transformers	Mr. Juber Shaikh (Asst. Er, MSEDCL, Solapur)
T.E.	Transformer Protection	Mr. Rushikesh Patil (Service Engineer) CTR, Pune
B.E.	Career Opportunity in Electrical Domain	Mr. Aditya Dattar (Facility Executive Engineer) CBRE, Kurla. Mr. Aditya Gawali Site Inchrage, JDK Enterprises, Solapur & Mr. Vivekananda Boda Electrical Engineer, Onkar Automation, Solapur.

15. EDUCATIONAL TRIPS AND VISITS

➤ T.E. Electrical students visited to a 220KV Bale Substation, Ambika Nagar, Bale, Barshi Road, Solapur for subject of Testing and Maintenance of Electrical Equipment on 10th August 2019 in order to understand the operation of substation, control room and its working, to understand single line diagram of 220/132/33 KV substation, testing of

transformer, CT and PT, circuit breaker, earthing, trouble shooting and maintenance of Transformer and battery.

16. STUDENT DEVELOPMENT

➤ Organized one week “Student Excellence & Learning Program” by Art of Living, Bangalore in which the students are learned about stress management, time management, concentration technique and leadership quality. The program conducted through TEQIP under DBATU, Lonere.

(Prof. V. S. Shirwal)
Head
Department of Electrical Engineering