



SHAHAJIRAO PATIL VIKAS PRATISHTHAN  
**S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, DIST: PUNE.**

**DEPARTMENT OF ELECTRICAL ENGINEERING**

ACA – R - 77	<b>Departmental Annual Progress Report</b>	Academic Year: 2019-20
Rev : 00		Semester: I / II
Date: 03.07.2017		

Ref: SPVP/SBPCOE/EE/2018-19/

Date:10/08/2019

**A. Result:**

**S.E ELECTRICAL**

Toppers-

Sr No.	Name	CGPA
1	TEMBHARE KOMAL RAMESH	8.68
2	MASOLE SWAPNALI	7.8
3	SHENDE UTKARSH	7.3

**T.E ELECTRICAL**

Toppers-

Sr No	Name	CGPA
1	TALEKAR AKASH BHASKAR	8.5
2	JADHAV YOGESH SUBHASH	8.26
3	KHULE ANIKET ARVIND	8.07

**B.E ELECTRICAL**

Toppers-

Sr No	Name	CGPA
1	KADAM PRADIP RAJENDRA	8.2
2	GUND PRIYANKA NAMDEO	8.11
3	RAUT DHANAANAJY DATTATRAY	7.72

Class	All Clear Students	ATKT	FAIL	Total Student Appeared	Total Result
BE	43	0	24	67	64.17%
TE	21	32	7	60	88.33%
SE	06	22	7	35	80%



## **B. Student Achievement:**

1. Prof. D.D. Changan published paper on, "A Review Paper on Design of Piezoelectric-Photovoltaic cell", IEEE 2019 3<sup>rd</sup> International Conference for Convergence in Technology (I2CT), Feb 2019.
2. Prof. Korade H.D. ,Kolse Bhavana, Pawar Priyanka, Raut Sonali and Vedpathak Pooja Published paper on, "Energy harvesting by using various Non-Conventional Energy Sources", IRJET, May 2019.
3. Prof D.D. Changan, Chaugule Sagar, Snehal Gadade, Bhoge Dada and bhosale Kajal Published paper, "A Review Paper on Waste Water Treatment by Using Hybrid Power Generation" IRJET, May 2019. Mathematical Modeling and Computational Intelligence during 16-17 March2K19 'MMCI-2019.
4. Prof. Pranjali Rawale Published paper on, "Automatic Plant Watering System Using Arduino", IJRAA, 2 May 2019.
5. Prof. Deokar Tushar Miss. Deokar Rutuja Mr. Kumbhar Vaibhav Miss. Lamkane Sakshi Mr. Sangale Niranjana Published paper, "A Review Paper on Fault Current Analysis in Microgrids", Mathematical Modeling and Computational Intelligence during 16-17 March2K19 'MMCI-2019.
6. Prof. Mane T. G. ,Kolse Bhavana, Pawar Priyanka, Raut Sonali , Vedpathak Pooja Published paper, "Hybrid vehicle by using various non- conventional energy sources", Mathematical Modeling and Computational Intelligence during 16-17 March2K19 'MMCI-2019.
7. Prof. Kale R. U. Chavan Ashwini, Nikam Aishwarya, Waghmode Varsharani, Published paper, "Maximum Power Point Tracking Using Various Algorithms Mathematical Modeling and Computational Intelligence during 16-17 March2K19 'MMCI-2019.
8. Prof. K. N. Kazi, Mr. Kamal Sandeep Karreddula Published paper, "Reactive Power Compensation through TCSC (Thyristor Controlled Series Compensator)", Mathematical Modeling and Computational Intelligence during 16-17 March2K19 'MMCI-2019.
9. Prof. Deokar T. V Nalkar Rohit R, Shinde Rajshri U, Jadhav Nilesh Y, Jaiswal Rahul S Published paper, "Harvesting electricity from living plants (Based on plant-e and P-MFC technology)", Mathematical Modeling and Computational Intelligence during 16-17 March2K19 'MMCI-2019.
10. Prof. Kazi K. N. Pratik Galande, Chandrakant Nimbalkar, Ajaysinh Gore, Jalindar Shirgire, Published paper, "PLC and SCADA Based Three Phase Induction Motor Protection", Mathematical Modeling and Computational Intelligence during 16-17 March2K19 'MMCI-2019.
11. Prof. Prashant Pawar, Prof.Sandeep Kadam, Published paper, "Wireless Application Control Based On PLC", Mathematical Modeling and Computational Intelligence during 16-17 March2K19 'MMCI-2019.
12. Prof. Pawar P. B. Metkari Ajay, Shete Onkar, Bhangre Nikhil, Nimbalkar Sagar, Published paper, "Wireless Vehicle Charging", Mathematical Modeling and Computational Intelligence during 16-17 March2K19 'MMCI-2019.
13. Prof. Karpe S.R. Mr.Bhanwase Dinesh, Mr.Dhavare Mahesh, Miss. Kolekar Supriya and Miss. Jagtap Rutuja, Published paper, "Wireless Vehicle Charging", Mathematical Modeling and Computational Intelligence during 16-17 March2K19 'MMCI-2019.
14. Amol Lokare , Swapnil Madane , Khade Ramchandra , Mahadik Madhav Prof.Promod V. Jalamkar Published paper, "Wireless Vehicle Charging", Mathematical Modeling and Computational Intelligence during 16-17 March2K19 'MMCI-2019.



15. Prof. Kadam S. R ,Prof. Pawar P. B , Mr. Bhanwase B.H, Mr.Bhosale S.V, Mr. Nale S.A. Published paper, “Single Phase Power Factor Correction Using AC to DC Converter”, Mathematical Modeling and Computational Intelligence during 16-17 March 2019 ‘MMCI-2019.

16. Prof. Kazi K.N. Gund Priyanka, Mahurkar Komal, Waghmare Rohini, Tale Archana, Published paper, “Protection and Controlling of 3 Phase Induction Motor by Electronic Soft Starter”, Mathematical Modeling and Computational Intelligence during 16-17 March 2019 ‘MMCI-2019.

17. Mr.khade Ramchandra got NES innovation award for project, “Urine pollution control by using Electrolysis process and electricity generation”.

18. Mr.khade Ramchandra got first prize for project, “Urine pollution control by using Electrolysis process and electricity generation” project compition held at SBPCOE on 27th march 2019.

### **C. Staff Achievement:**

1. Electrical Engineering department of SBPCOE has participated in, “State level Project Competition 2019 for undergraduate Electrical Engineering Students” on 4<sup>th</sup> April 2019 organized by MMCOE,Pune in association with IEEE PES-IAS.

2. Prof. T.V.Deokar has attended one day seminar on, “Unnat Bharat Abhiyan”, at IIT Bombay organized by IIT Delhi on 20 december 2019.

3. Prof. D.D. Changan has attended one week STTP on, “Microgrid Stability, Protection and control ”, organized by IIT Roorkee, during 27 may to 31 May 2019.

4. Prof. S.R. Karpe, Prof. T.V.Deokar, Prof H.D. Korade, Prof.K.N.Kazi, Prof. U.A. Chatte, Prof. R.U. Kale attended one day blended mode workshop on “Moodle Learning Management System”, on 15 March 2019 at SBPCOE organized by ICT IIT Bombay and funded by PMMMNTT.

5. Prof. S.R. Karpe, Prof. T.V.Deokar, Prof H.D. Korade, Prof. P.P. Rawale, Prof.K.N.Kazi, Prof. U.A. Chatte, Prof. R.U. Kale attended one day blended mode workshop on “Microsoft”, on 15 Feb 2019 at SBPCOE organized under MICROSOFT.

6. Prof. S.R. Karpe, Prof. T.V.Deokar, Prof H.D. Korade, Prof. P.P. Rawale, Prof.K.N.Kazi, Prof. U.A. Chatte, Prof. R.U. Kale attended one day blended mode workshop on “SCILAB”, on 16 April 2019 at SBPCOE organized by ICT IIT Bombay and funded by PMMMNTT



**D. Events organized by the department:**

1. Department of Electrical Engineering organised guest lecture on “Recent Trends in Transmission system and How to face competitive exam”, for BE students held at SBPCOE, Indapur delivered by Mr. Gore Shankar during 14 July 2018.
3. Department of Electrical Engineering organised four days workshop on, “PLC & SCADA”, for BE students held at SBPCOE, Indapur delivered by Mr. Abhijit Shinde and Mr. Shivane from “BITS ELECTRONICS”, Baramati during 27 July 2018,
3. Department of Electrical Engineering organised guest lecture on “Digital Control System”, for TE students held at SBPCOE, Indapur delivered by Prof. A.A. Khandekar during 05 & 6 Aug 2018.
4. Department of Electrical Engineering organised guest lecture on “Industrial Automation by Prolific India Pune”, for BE students held at SBPCOE, Indapur delivered by Prof. Mr. Vivek Sardal during 10 Sept 2018.
5. Department of Electrical Engineering organised one day workshop on “Autocad”, for TE students held at SBPCOE, Indapur delivered by Prof. Kalubarme P.P. “SKN Korti”, on 22 Sept 2019.
7. Prof. Korade H.D. Prof. Chatte U. A. Arranged one day educational visit for TE Electrical Engineering students relating to ‘Induction Motor’ at LHP Solapur on 15<sup>th</sup> March 2019.
8. Prof. Jalamkar P.V. , Prof. Chatte U.A. arranged one day educational visit for TE Electrical Engineering students relating to ‘Power Generation’ at Thermal Power Plant, Nashil on 08<sup>th</sup> August 2019.

**Coordinator**

**HOD**