



Rayat Shikshan Sanstha's
Karmaveer Bhaurao Patil Polytechnic Satara



**Electrical Engineering
Department
ElectroSpark
Newsletter**

VISION

“To produce world-class engineers for converting global challenges into opportunities through Value added Quality Technical Education in the field of Electrical Engineering.”

“To develop this Department so as to meet the rapidly changing Technical as well as Industrial requirements through continuous updating of curriculum, high quality teaching and development of laboratory facilities as required.”

MISSION

“To impart quality education in the areas of Electrical Engineering for enhancing the opportunities for higher education, employment and entrepreneurship development, there by contributing to socioeconomic development of the State and the Nation at large.”

“To maintain a positive academic environment that promotes excellence in learning through constructive interaction among students, faculty, Academia and Industry.”

“To excel in imparting domain specific technical education through effective Teaching-Learning process, nurturing research, creativity and critical thinking in applying engineering skills to face the fast growing global challenges and opportunities.”

Contents:

1

- PO'S & PSO'S
- DEPARTMENT PROFILE
- ABOUT ESA

2

- PRINCIPAL'S DESK
- HOD'S DESK

3

- STUDENTS ACHIEVEMENTS
- TECHNICAL AND NON TECHNICAL EVENTS
- EDITORIAL DESK & CONTACT DETAILS

PO's & PSO's
Program outcome

- PO1** ***Basic knowledge:** Apply knowledge of basic mathematics, sciences and basic engineering to solve the broad-based Electrical engineering problems.*
- PO2** ***Discipline knowledge:** Apply Electrical engineering knowledge to solve broad-based electrical engineering related problems.*
- PO3** ***Experiments and practice:** Plan to perform experiments and practices to use the results to solve broad-based Electrical engineering problems.*
- PO4** ***Engineering tools:** Apply relevant Electrical technologies and tools with an understanding of the limitations.*
- PO5** ***The engineer and society:** Assess societal, health, safety, legal and cultural issues and the Consequent responsibilities relevant to practice in the field of Electrical engineering.*
- PO6** ***Environment and sustainability:** Apply Electrical engineering solutions also for sustainable development practices in societal and environmental contexts.*
- PO7** ***Ethics:** Apply ethical principles for commitment to professional ethics, responsibilities and norms of the practice also in the field of Electrical engineering.*
- PO8** ***Individual and team work:** Function effectively as a leader and team member in diverse/multidisciplinary teams.*
- PO9** ***Communication:** Communicate effectively in oral and written form.*
- PO10** ***Life-long learning:** Engage in independent and life-long learning activities in the context of technological changes also in the Electrical engineering and allied industry.*

Programme Specific Outcome (PSO)

- PSO1** ***Electrical Equipment:** Maintain various types of rotating and static electrical equipment.*
- PSO2** ***Electric Power Systems:** Maintain different types of electrical power systems.*

From Principal's Desk



“I congratulate Prof. P. S. Patil, Head of Electrical Engineering Department, his Department Faculty, Staff and Students for taking the initiative and launching the first issue of Electrical Engineering Department News letter the half yearly newsletter. I am very much confident that this newsletter will serve as an important link with all the stakeholders of the Polytechnic and the Electrical Engineering Department in particular. My best wishes to the department for the success of this newsletter and hope that with more and more inputs from our stakeholders additional features can be include in future issues of the newsletter.”

**Prof. K. S. Sheikh
(I/C Principal)
Karmveer Bhaurao Patil, Polytechnic,
Satara.**

**“Efficiency is
doing things right,
Effectiveness is
doing the right
“thing.”**

From HOD's Desk



“Welcome to the first issue of newsletter ElectroSpark by Electrical Engineering Department which gives an overview of what is happening in the electrical department of Karmveer Bhaurao Patil, Polytechnic, Satara.

As the institute develops by time so through this newsletter we will keep you update of all events of our department.”

**Prof. P. S. Patil
(HOD of Electrical Department)
Karmveer Bhaurao Patil, Polytechnic,
Satara**

DEPARTMENT PROFILE



The Department was started in the year 2010 with an objective of creating a leader in engineering education and research with the application of knowledge for lifting up the society globally. Department was started with an intake of 60 students .

The faculty members are consistently doing well in teaching and research activities. The Department had well established and equipped laboratories like D C Machines Lab, A C Machines Lab, Power Electronics Lab, & Measurements and Instrumentation Lab ,Basic Electrical Engineering Lab with equipment cost of Rs30 Lakhs. The Department provides exposure to the students with hands-on experience on various Electrical Engineering subjects to face the challenges of the modern corporate world and to mould them as responsible citizens of the country with a willingness to serve the society.

ESA

Electrical Engineering Student Association (ESA) is an Association formed by the students of Electrical Engineering Department to foster the growth of knowledge. With the support and guidance of the faculty, Technical and Non- technical events are organized for assisting students to increase their knowledge and skills in planning, delegating, decision making and to develop a more positive and realistic attitude toward themselves, their peers and the institute. It provides opportunities for social interaction among organization members. Under ESA we have conducted various events as paper presentation, industrial visits, guest lectures, soft-skills development programs, welcome function to all new comers of the entire Electrical Engineering Department

Guest Articles



1. Guest lecture on Carrier Guidance was delivered by **Mr. Shardul Bajare** working in Merchant Navy on 20th december 2019. Through the article, he guided students about carrier opportunities in Indian Navy & Merchant Navy after completion of Engineering Course.

2. Guest lecture on Personality Development was delivered by **Mr. Suhas G. Gadekar** working in Merchant Navy on 27th January 2020. Mr. Suhas guided student different skills related to development of Personality.



ESA Activities

1. State Level Technical Quiz Competition

ESA Organized State Level Technical Quiz Competition in PolyQuest 2020 on 17th February 2020. There were 17 group participated in this competition. In this Event, Participant were gone through three different levels of Technical Rounds designed according to specific rules. In the end, Three participants are shortlisted and Prizes were given to first three Ranks. The Participant group of Abhinav Polytechnic, Bhor won the first Prize.



2. State Level Technical Paper Presentation Competition

ESA Organized State Level Technical Paper Presentation Competition in PolyQuest 2020 on 17th February 2020. There were 3 group participated in this competition. In this Event, Presentation were given on technical subjects using their effective skills. In the end, Two participants are shortlisted and Prizes were given to first two Ranks. The Participant group of Abhinav Polytechnic, Bhor won the first Prize



STUDENT'S ACHIEVEMENTS

Congratulations...!!

Third Year Toppers



**SHINDE RUTUJA
VISHWAS
89.60%**



**RAUT SAKSHI
RAVINDRA
87.60%**



**MANE ARTI
BALKRISHNA
86.60%**

Second Year Toppers



**MADHURI JADHAV
84%**



**PRANALI JAGTAP
79.88%**



**SNEHAL CHAVAN
76.63%**

First Year Toppers



**PRATIK MAHAMULKAR
83.29%**



**VAISHNAVI MANE
79.71%**

Student's Activities



Shedge Sanika
(SYEE)

Shedge Monali
(SYEE)

"Achieved 2nd prize in State level Quiz Competition arranged by PolyQuest 2020 in Karmveer Bhaurao Patil College of Polytechnic, Varye, Satara."



Vaishnavi Kumbhar
(SYEE)

Vaishnavi Sakhare
(SYEE)

"Participated in Zonal level Badminton sports Competition at Lathe Polytechnic, Kupwada, Sangli, Satara."



Vaibhav Chavan
(SYEE)

Shreemant Bhosale
(SYEE)

Participated in Zonal level KHO-KHO sports competition at Arwind Gawali college of engineering, Satara.



Chitrlekha Potdar
(FYEE)

"Performance in Annual Function of our College."



Shubham Kumbhar
(SYEE)

"Solo Dance Performance in Annual day Function of our college"

Industrial Visits



The Industrial visit at Kisanveer Sugar mill, Bhuij was organized on 10th January 2020 for Third Electrical Students.



The Industrial visit at Wind World Chawaneshwar Substation, Pimpode, Satara was organized on 10th January 2020 for Third Electrical Students.

Snippets



Dr. Attar A. C. addressing at PolyQuest 2020



Students doing decoration for PolyQuest 2020



Inauguration Of ESA's Technical Events of PolyQuest 2020

*“Change the Ending of Someone’s Story
Be a Donor”*

Blood Donation by Electrical department’s Students



Academic Calendar- 2019-20(Odd Semester)

Odd Semester (FIRST/THIRD/FIFTH) Planner 2019-20														
First Semester: 26 June to 12 October 2019														
June-19														
MON	TUE	WED	THU	FRI	SAT	SUN	26/06/2019	Start of Academic year 2019-20						
						1	2	26/06/2019	Display of Tentative Time table (SY/TY)					
3	4	5	6	7	8	9	26/06/2019	Start of Lecture (SY/TY)						
10	11	12	13	14	15	16								
17	18	19	20	21	22	23	30/06/2019	Review of Academic Progress by HOD						
24	25	26	27	28	29	30	11							
July-19														
MON	TUE	WED	THU	FRI	SAT	SUN	01/07/2019	Tree Plantation, Start of Lecture (FY)						
1	2	3	4	5	6	7	02/07/2019	Start of Lecture & Practical (SY/TY)						
8	9	10	11	12	13	14								
15	16	17	18	19	20	21								
22	23	24	25	26	27	28								
29	30	31					27	31/07/2019	Review of Academic Progress by HOD					
August-19														
MON	TUE	WED	THU	FRI	SAT	SUN	01/08/2019	1st Defaulter Report (June to July)						
			1	2	3	4								
5	6	7	8	9	10	11								
12	13	14	15	16	17	18	29/08/2019	Unit Test 1(Second & Third Year)						
19	20	21	22	23	24	25	31/08/2019							
26	27	28	29	30	31		21	31/08/2019	Review of Academic Progress by HOD					
September-19														
MON	TUE	WED	THU	FRI	SAT	SUN	01/09/2019	2nd Defaulter Report (June to August)						
						1	04/09/2019	Declaration of result Unit test 1 (SY& TY)						
30							05/09/2019	Inauguration of DESA students organizations						
2	3	4	5	6	7	8	15/09/2019	Inauguration of "electron" Newsletter, Engineer's Day & Parent meet						
9	10	11	12	13	14	15	16/09/2019 & 17/09/2019	Unit Test 1(First Year)						
16	17	18	19	20	21	22	3 rd Week	Industrial Visit						
23	24	25	26	27	28	29	23	3 rd & 4 th Week	Remedial Lectures for weaker students					
								29/09/2019	Review of Academic Progress by HOD					
October-19														
MON	TUE	WED	THU	FRI	SAT	SUN	01/10/2019	3rd Defaulter Report (June to September)						
	1	2	3	4	5	6	09/10/2019	Unit Test 2(Second & Third Year)						
7	8	9	10	11	12	13	11/10/2019							
14	15	16	17	18	19	20	12/10/2019	Review of Academic Progress by HOD						
21	22	23	24	25	26	27	15/10/2019	Declaration of result Unit test 2 (SY& TY)						
28	29	30	31				06	14/10/2019	MSBTE Practical Examination					
							88	29/10/2019						
November-19														
MON	TUE	WED	THU	FRI	SAT	SUN	14/11/2019	MSBTE Theory Examination						
				1	2	3	05/12/2019							
4	5	6	7	8	9	10								
11	12	13	14	15	16	17								
18	19	20	21	22	23	24								
25	26	27	28	29	30									
December-19														
MON	TUE	WED	THU	FRI	SAT	SUN								
30	31					1								
2	3	4	5	6	7	8								
9	10	11	12	13	14	15								
16	17	18	19	20	21	22								
23	24	25	26	27	28	29								
25 to 29 October 2019 – Winter Break														
Total instructional days: FY- 75 & SY/TY – 88														
Holidays														
12/08/2019	Bakari ID													
17/08/2019	Parsi New Year													
02/09/2019	Ganesh Chaturthi													
10/09/2019	Moharam													
22/09/2019	Karmaveer Bhaurao Patil Birth Anniversary													
02/10/2019	Gandhi Jayanti													
08/10/2019	Dussehra													

Academic Calendar- 2019-2020(Even Semester)

Even Semester (SECOND/FOURTH/SIXTH) Planner 2019-20						
First Semester: 09 December 2019 to 27 March 2020						
December-19						
MON	TUE	WED	THU	FRI	SAT	SUN
30	31					1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
17						
09/12/2019	Start of Lecture & Practical (FY/SY/TY)					
2 nd Week	Industrial Visit					
3 rd Week	Guest Lecture					
31/12/2019	Review of Academic Progress by HOD					
January-20						
MON	TUE	WED	THU	FRI	SAT	SUN
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		
27						
01/01/2020	1st Defaulter Report (December)					
2 nd Week	ALUMNI Meet					
2 nd Week	DESA Activity					
3 rd Week	Industry Expert Lecture					
4 th Week	DESA Activity					
31/01/2020	Review of Academic Progress by HOD					
February-20						
MON	TUE	WED	THU	FRI	SAT	SUN
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	
20						
01/02/2020	2nd Defaulter Report (December to January)					
05/02/2020	Unit Test 1(First, Second & Third Year)					
07/02/2020	Declaration of result Unit test 1 (FY, SY& TY)					
10/02/2020	Declaration of result Unit test 1 (FY, SY& TY)					
4 th Week Feb 2020	PolyQuest 2K20					
3 rd & 4 th Week	Remedial Lectures for weaker students					
29/02/2020	Review of Academic Progress by HOD					
March-20						
MON	TUE	WED	THU	FRI	SAT	SUN
30	31					1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
19						
01/03/2020	3rd Defaulter Report (December to February)					
25/03/2020	Unit Test 2(First, Second & Third Year)					
27/03/2020	Review of Academic Progress by HOD					
28/03/2020	Review of Academic Progress by HOD					
30/03/2020	Declaration of result Unit test 2 (FY, SY& TY)					
31/03/2020	MSBTE Practical Examination					
09/04/2020	MSBTE Practical Examination					
83						
16/04/2020	MSBTE Theory Examination					
07/05/2020	MSBTE Theory Examination					
April-20						
MON	TUE	WED	THU	FRI	SAT	SUN
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			
May-20						
MON	TUE	WED	THU	FRI	SAT	SUN
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
Total instructional days: FY/SY/TY – 83						
Holidays						
26/01/2020	Republic Day					
19/02/2020	Shiv Jayanti					
21/02/2020	Mahashivratri					
10/03/2020	Holi					
25/03/2020	Gudi Padwa					
02/04/2020	Ram navami					
06/04/2020	Mahavir Jayanti					
14/04/2020	Babasaheb Ambedkar Jayanti					
01/05/2020	Maharashtra Day					
07/05/2020	Buddha Purnima					
Start of New Academic Year 17 June 2020						

EDITORIAL BOARD

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(HOD of Electrical Department)
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