



Dr. T. J. Sawant
BE(Elec) PGDBM, Ph. D
PRESIDENT

'THE SHETKARI SHIKSHAN MANDAL'
BHIVARABAI SAWANT COLLEGE OF ENGINEERING & RESEARCH,
Accredited by NAAC with 'A' Grade.

(Approved by A.I.C.T.E. & Govt. of Maharashtra and affiliated to Savitribai Phule Pune University.)
West/1-3669721/2010 New dated 13 Jul 2010

S.No.12/1/2 & 12/2/2, Narhe, Taluka-Haveli, Pune-411041
Phone: +91-020-24608500/01 Website: www.tssm.edu.in
Email : principal@tssm.edu.in



Dr. G. A. Hinge
Ph. D LMISH
PRINCIPAL

Key Indicator 1.2: Academic Flexibility

1.2.2: Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

Sr. No.	Name of certificate / value added program	course code	Year of offering	No. of students	Link to list of students and attendance
1	Auto cad	BSCOER/CIVIL-23/001	2023-2024	30	Click here02
2	Hec-Ras	BSCOER/CIVIL-23/002	2023-2024	25	Click here05
3	Stad.Pro	BSCOER/CIVIL-23/003	2023-2024	20	Click here08
4	Etabs	BSCOER/CIVIL-23/004	2023-2024	22	Click here11
5	Industry Ready-Core and Advanced Java Programming	BSCOER/E&TC/2023-24/001	2023-2024	57	Click here14
6	Hands-On training on PCB Design and Prototyping	BSCOER/E&TC/2023-24/002	2023-2024	73	Click here17
7	Advanced Network of Things Cloud/SASE Security	BSCOER/E&TC/2023-24/003	2023-2024	59	Click here20




Principal,
BSCOER,Pune.
PRINCIPAL
TSSM's Bhivarabai Sawant College
of Engineering & Research
Narhe, Pune - 411 041



'THE SHETKARI SHIKSHAN MANDAL'
BHIVARABAI SAWANT COLLEGE OF ENGINEERING & RESEARCH,
Accredited by NAAC with 'A' Grade.

(Approved by A.I.C.T.E. & Govt. of Maharashtra and affiliated to Savitribai Phule Pune University.)
 West/1-3669721/2010 New dated 13 Jul 2010

S.No.12/1/2 & 12/2/2, Narhe, Taluka-Haveli, Pune-411041

Phone: +91-020-24608500/01 Website: www.tssm.edu.in

Email : principal@tssm.edu.in



Dr. G. A. Hinge
 Ph. D LMISH
PRINCIPAL

Dr. T. J. Sawant
 BE(Elec) PGDBM, Ph.D
PRESIDENT

8	Enhancing Soft Skills and Personality (NPTEL)	BSCOER/E&TC/2023-24/004	2023-2024	4	Click here23
9	Training program on python programming	BSCOER/F.E.-24/001	2023-2024	307	Click here26
10	Internet of Things	BSCOER/MECH-23/001	2023-2024	30	Click here29
11	C language	TSSM/BSCOER/MECH/2023-24/22	2023-2024	24	Click here32
12	CNC Training	TSSM/BSCOER/MECH/2023-24/31	2023-2024	28	Click here35
13	CFD Training	TSSM/BSCOER/MECH/2023-24/15	2023-2024	26	Click here38
14	Exploring Electric Vehicles: Technology, Trends, and Implementation	BSCOER/ELECT/2023-24/001	2023-2024	48	Click here41
15	Introduction to MATLAB	BSCOER/ELECT/2023-24/002	2023-2024	48	Click here44
16	Embedded Systems Development with Arduino	BSCOER/ELECT/2023-24/003	2023-2024	68	Click here47




Principal,
BSCOER,Pune.
PRINCIPAL
 TSSM's Bhivarabai Sawant College
 of Engineering & Research
 Narhe, Pune - 411 041



Dr. T. J. Sawant
BE(Elec) PGDBM, Ph. D
PRESIDENT

'THE SHETKARI SHIKSHAN MANDAL'
BHIVARABAI SAWANT COLLEGE OF ENGINEERING & RESEARCH,
Accredited by NAAC with 'A' Grade.

(Approved by A.I.C.T.E. & Govt. of Maharashtra and affiliated to Savitribai Phule Pune University.)
West/1-3669721/2010 New dated 13 Jul 2010

S.No.12/1/2 & 12/2/2, Narhe, Taluka-Haveli, Pune-411041
Phone: +91-020-24608500/01 Website: www.tssm.edu.in
Email : principal@tssm.edu.in



Dr. G. A. Hinge
Ph. D LMISH
PRINCIPAL

17	Technologies for clean and renewable energy production	BSCOER/ELECT/2023-24/004	2023-2024	4	Click here50
18	Power System Protection and Switchgear	BSCOER/ELECT/2023-24/005	2023-2024	2	Click here53
19	Advanced in UHV Transmission and Distribution	BSCOER/ELECT/2023-24/006	2023-2024	3	Click here56
20	Softskills	BSCOER/ELECT/2023-24/007	2023-2024	4	Click here59
21	Power plant Engineering	BSCOER/ELECT/2023-24/008	2023-2024	1	Click here62
22	Introduction to Raspberry Pi Programming	BSCOER/Computer/2023-24/001	2023-2024	65	Click here65
23	Unmanned Aerial vehical by Fly Master	BSCOER/Computer/2023-24/002	2023-2024	107	Click here68
24	Introduction to Java programming	BSCOER/Computer/2023-24/003	2023-2024	40	Click here71
Total Number of Students				1095	
25	Introducion to Internet of Things	BSCOER/COMP/2022-23/001	2022-2023	65	Click here74




Principal,
BSCOER,Pune.
PRINCIPAL
TSSM's Bhivarabai Sawant College
of Engineering & Research
Narhe, Pune - 411 041



'THE SHETKARI SHIKSHAN MANDAL'
BHIVARABAI SAWANT COLLEGE OF ENGINEERING & RESEARCH,
Accredited by NAAC with 'A' Grade.

(Approved by A.I.C.T.E. & Govt. of Maharashtra and affiliated to Savitribai Phule Pune University.)
 West/1-3669721/2010 New dated 13 Jul 2010

S.No.12/1/2 & 12/2/2, Narhe, Taluka-Haveli, Pune-411041

Phone: +91-020-24608500/01 Website: www.tssm.edu.in

Email : principal@tssm.edu.in

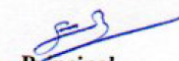


Dr. T. J. Sawant
 BE(Elec) PGDBM, Ph. D
PRESIDENT

Dr. G. A. Hinge
 Ph. D LMISH
PRINCIPAL

26	Recent Trends in Solar Technology	BSCOER/ELECT/2022-23/001	2022-2023	72	Click here77
27	Placement Skills Development	BSCOER/ETC/2022-23/001	2022-2023	76	Click here80
28	Hec-Ras	BSCOER/CIVIL/2022-23/001	2022-2023	25	Click here83
29	Internet of Things	BSCOER/MECH/2022-23/001	2022-2023	65	Click here86
30	AutoCad Traning Workshop	BSCOER/FE/2022-23/001	2022-2023	54	Click here89
Total Number of Students				357	
31	Auto -Cadd	BSCOER/CIVIL/2021-22/001	2021-2022	120	Click here92
32	Hec-Ras	BSCOER/CIVIL/2021-22/002	2021-2022	25	Click here95
33	Internet of Things using Arduino	BSCOER/ETC/2021-22/001	2021-2022	63	Click here98
34	Advances in e- vehicles	BSCOER/ETC/2021-22/002	2021-2022	70	Click here101
35	MATLAB and SIMULINK	BSCOER/ELECTRICAL/2021-22/001	2021-2022	71	Click here104
36	Introduction to Electric Hybrid Vehicle	BSCOER/ELECTRICAL/2021-22/002	2021-2022	62	Click here107
37	Software Testing centre of excellence	BSCOER/COMP/2021-22/001	2021-2022	36	Click here110




Principal,
BSCOER,Pune.
PRINCIPAL
 TSSM's Bhivarabai Sawant College
 of Engineering & Research
 Narhe, Pune - 411 041



'THE SHETKARI SHIKSHAN MANDAL'
BHIVARABAI SAWANT COLLEGE OF ENGINEERING & RESEARCH,
Accredited by NAAC with 'A' Grade.

(Approved by A.I.C.T.E. & Govt. of Maharashtra and affiliated to Savitribai Phule Pune University.)
 West/1-3669721/2010 New dated 13 Jul 2010

S.No.12/1/2 & 12/2/2, Narhe, Taluka-Haveli, Pune-411041

Phone: +91-020-24608500/01 Website: www.tssm.edu.in

Email : principal@tssm.edu.in



Dr. T. J. Sawant
 BE(Elec) PGDBM, Ph. D
PRESIDENT

Dr. G. A. Hinge
 Ph. D LMISH
PRINCIPAL

38	Raspberry Pi Programming	BSCOER/COMP/2021-22/002	2021-2022	40	Click here113
39	Programming , data structures and algorithms using python	BSCOER/COMP/2021-22/003	2021-2022	1	Click here116
40	3D Printing	BSCOER/MECH/2021-22/001	2021-2022	57	Click here119
Total Number of Students				545	
41	Introduction to HEV using MATLAB	BSCOER/ELECT/2020-21/001	2020-2021	50	Click here122
42	MATLAB and SIMULINK	BSCOER/ELECT/2020-21/002	2020-2021	60	Click here125
43	Python Tutorials for beginners	BSCOER/ETC/2020-21/001	2020-2021	75	Click here128
44	Understanding Machine Learning	BSCOER/MECH/2020-21/001	2020-2021	55	Click here131
45	Auto CAD	BSCOER/FE/2020-21/001	2020-2021	45	Click here134
46	3D Printing	BSCOER/MECH/2020-21/002	2020-2021	72	Click here137
47	Hec-Ras	BSCOER/CIVIL-2020-21/001	2020-2021	25	Click here140
Total Number of Students				382	
48	Q GIS	BSCOER/ELECT/2019-20/001	2019-2020	60	Click here143




Principal,
BSCOER,Pune.
PRINCIPAL
 TSSM's Bhivarabai Sawant College
 of Engineering & Research
 Narhe, Pune - 411 041



'THE SHETKARI SHIKSHAN MANDAL'
BHIVARABAI SAWANT COLLEGE OF ENGINEERING & RESEARCH,
Accredited by NAAC with 'A' Grade.

(Approved by A.I.C.T.E. & Govt. of Maharashtra and affiliated to Savitribai Phule Pune University.)
 West/1-3669721/2010 New dated 13 Jul 2010

S.No.12/1/2 & 12/2/2, Narhe, Taluka-Haveli, Pune-411041

Phone: +91-020-24608500/01 Website: www.tssm.edu.in

Email : principal@tssm.edu.in



Dr. T. J. Sawant
 BE(Elec) PGDBM, Ph. D
PRESIDENT

Dr. G. A. Hinge
 Ph. D LMISH
PRINCIPAL

49	Blue tooth controlled Robotics using Arduino	BSCOER/ETC/2019-20/001	2019-2020	60	Click here146
50	Additive Manufacturing	BSCOER/MECH/2019-20/001	2019-2020	50	Click here149
51	Geometric Dimensions and Tolerances	BSCOER/MECH/2019-20/002	2019-2020	40	Click here152
52	Heating Ventilation and Air-conditioning	BSCOER/MECH/2019-20/003	2019-2020	70	Click here155
53	Piping Design	BSCOER/MECH/2019-20/004	2019-2020	50	Click here158
54	Auto -CAD	BSCOER/CIVIL/2019-20/001	2019-2020	25	Click here161
55	Raspberry Pi Programming and Projrct Building	BSCOER/COMP/2019-20/001	2019-2020	55	Click here164
56	Auto CAD	BSCOER/FE/2019-20/001	2019-2020	40	Click here167
Total Number of Students				450	
Total Number of Students From 2019 to 2024				2829	




Principal,
BSCOER,Pune.
PRINCIPAL
 TSSM's Bhivarabai Sawant College
 of Engineering & Research
 Narhe, Pune - 411 041