



**'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](mailto:principal@tssm.edu.in)



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

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

**Key Indicator 1.2: Academic Flexibility**

**1.2.1: Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. where the students of the institution have enrolled and successfully completed during the last five years)**

Sr. No.	Name of certificate / value added program	Course Code	Year of offering	No. of students	Link to Broucher /Notice	Link to list of students and attendance	Link to Certificates
1	Auto cadd	BSCOER/CIVIL-23/001	2023-2024	30	<a href="#">Click here01</a>	<a href="#">Click here02</a>	<a href="#">Click here03</a>
2	Hec-Ras	BSCOER/CIVIL-23/002	2023-2024	25	<a href="#">Click here04</a>	<a href="#">Click here05</a>	<a href="#">Click here06</a>
3	Stadd.Pro	BSCOER/CIVIL-23/003	2023-2024	20	<a href="#">Click here07</a>	<a href="#">Click here08</a>	<a href="#">Click here09</a>
4	Etabs	BSCOER/CIVIL-23/004	2023-2024	22	<a href="#">Click here10</a>	<a href="#">Click here11</a>	<a href="#">Click here12</a>
5	Industry Ready-Core and Advanced Java Programming	BSCOER/E&TC/2023-24/001	2023-2024	57	<a href="#">Click here13</a>	<a href="#">Click here14</a>	<a href="#">Click here15</a>
6	Hands-On training on PCB Design and Prototyping	BSCOER/E&TC/2023-24/002	2023-2024	73	<a href="#">Click here16</a>	<a href="#">Click here17</a>	<a href="#">Click here18</a>
7	Advanced Network of Things Cloud/SASE Security	BSCOER/E&TC/2023-24/003	2023-2024	59	<a href="#">Click here19</a>	<a href="#">Click here20</a>	<a href="#">Click here21</a>
8	Enhancing Soft Skills and Personality (NPTEL)	BSCOER/E&TC/2023-24/004	2023-2024	4	NA	<a href="#">Click here23</a>	<a href="#">Click here24</a>
9	Training program on python programming	BSCOER/F.E.-24/001	2023-2024	307	<a href="#">Click here25</a>	<a href="#">Click here26</a>	<a href="#">Click here27</a>
10	Introduction to Internet of Things	BSCOER/MECH-23/001	2023-2024	30	<a href="#">Click here28</a>	<a href="#">Click here29</a>	<a href="#">Click here30</a>
11	C language	TSSM/BSCOER/MECH/2023-24/22	2023-2024	24	<a href="#">Click here31</a>	<a href="#">Click here32</a>	<a href="#">Click here33</a>
12	CNC Training	TSSM/BSCOER/MECH/2023-24/31	2023-2024	28	<a href="#">Click here34</a>	<a href="#">Click here35</a>	<a href="#">Click here36</a>
13	CFD Training	TSSM/BSCOER/MECH/2023-24/15	2023-2024	26	<a href="#">Click here37</a>	<a href="#">Click here38</a>	<a href="#">Click here39</a>



  
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14	Exploring Electric Vehicles: Technology, Trends, and Implementation	BSCOER/ELECT/2023-24/001	2023-2024	48	<a href="#">Click here40</a>	<a href="#">Click here41</a>	<a href="#">Click here42</a>
15	Introduction to MATLAB	BSCOER/ELECT/2023-24/002	2023-2024	48	<a href="#">Click here43</a>	<a href="#">Click here44</a>	<a href="#">Click here45</a>
16	Embedded Systems Development with Arduino	BSCOER/ELECT/2023-24/003	2023-2024	68	<a href="#">Click here46</a>	<a href="#">Click here47</a>	<a href="#">Click here48</a>
17	Technologies for clean and renewable energy production	BSCOER/ELECT/2023-24/004	2023-2024	4	NA	<a href="#">Click here50</a>	<a href="#">Click here51</a>
18	Power System Protection and Switchgear	BSCOER/ELECT/2023-24/005	2023-2024	2	NA	<a href="#">Click here53</a>	<a href="#">Click here54</a>
19	Advanced in UHV Transmission and Distribution	BSCOER/ELECT/2023-24/006	2023-2024	3	NA	<a href="#">Click here56</a>	<a href="#">Click here57</a>
20	Softskills	BSCOER/ELECT/2023-24/007	2023-2024	4	NA	<a href="#">Click here59</a>	<a href="#">Click here60</a>
21	Power plant Engineering	BSCOER/ELECT/2023-24/008	2023-2024	1	NA	<a href="#">Click here62</a>	<a href="#">Click here63</a>
22	Introduction to Raspberry Pi Programming	BSCOER/COMPUTER/2023-24/001	2023-2024	65	<a href="#">Click here64</a>	<a href="#">Click here65</a>	<a href="#">Click here66</a>
23	Unmanned Aerial vehical by Fly Master	BSCOER/COMPUTER/2023-24/002	2023-2024	107	<a href="#">Click here67</a>	<a href="#">Click here68</a>	<a href="#">Click here69</a>
24	Introduction to Java programming	BSCOER/COMPUTER/2023-24/003	2023-2024	40	<a href="#">Click here70</a>	<a href="#">Click here71</a>	<a href="#">Click here72</a>
25	Introducion to Internet of Things	BSCOER/COMP/2022-23/001	2022-2023	65	<a href="#">Click here73</a>	<a href="#">Click here74</a>	<a href="#">Click here75</a>
26	Recent Trends in Solar Technology	BSCOER/ELECT/2022-23/001	2022-2023	72	<a href="#">Click here76</a>	<a href="#">Click here77</a>	<a href="#">Click here78</a>
27	Placement Skills and Development	BSCOER/ETC/2022-23/001	2022-2023	76	<a href="#">Click here79</a>	<a href="#">Click here80</a>	<a href="#">Click here81</a>
28	Hec-Ras	BSCOER/CIVIL/2022-23/001	2022-2023	25	<a href="#">Click here82</a>	<a href="#">Click here83</a>	<a href="#">Click here84</a>



  
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29	Internet of Things	BSCOER/MECH/2022-23/001	2022-2023	65	<a href="#">Click here85</a>	<a href="#">Click here86</a>	<a href="#">Click here87</a>
30	AutoCad Traning Workshop	BSCOER/FE/2022-23/001	2022-2023	54	<a href="#">Click here88</a>	<a href="#">Click here89</a>	<a href="#">Click here90</a>
31	Auto -Cadd	BSCOER/CIVIL/2021-22/001	2021-2022	120	<a href="#">Click here91</a>	<a href="#">Click here92</a>	<a href="#">Click here93</a>
32	Hec-Ras	BSCOER/CIVIL/2021-22/002	2021-2022	25	<a href="#">Click here94</a>	<a href="#">Click here95</a>	<a href="#">Click here96</a>
33	Internet of Things using Arduino	BSCOER/ETC/2021-22/001	2021-2022	63	<a href="#">Click here97</a>	<a href="#">Click here98</a>	<a href="#">Click here99</a>
34	Advances in e- vehicles	BSCOER/ETC/2021-22/002	2021-2022	70	<a href="#">Click here100</a>	<a href="#">Click here101</a>	<a href="#">Click here102</a>
35	MATLAB and SIMULINK	BSCOER/ELECTRICAL/2021-22/001	2021-2022	71	<a href="#">Click here103</a>	<a href="#">Click here104</a>	<a href="#">Click here105</a>
36	Introduction to Electric Hybrid Vehicle	BSCOER/ELECTRICAL/2021-22/002	2021-2022	62	<a href="#">Click here106</a>	<a href="#">Click here107</a>	<a href="#">Click here108</a>
37	Raspberry Pi Programming	BSCOER/COMP/2021-22/002	2021-2022	40	<a href="#">Click here109</a>	<a href="#">Click here110</a>	<a href="#">Click here111</a>
38	Software Testing centre of excellence	BSCOER/COMP/2021-22/001	2021-2022	36	<a href="#">Click here112</a>	<a href="#">Click here113</a>	<a href="#">Click here114</a>
39	Programming , data structures and algorithms using python	BSCOER/COMP/2021-22/003	2021-2022	1	NA	<a href="#">Click here116</a>	<a href="#">Click here117</a>
40	3D Printing	BSCOER/MECH/2021-22/001	2021-2022	57	<a href="#">Click here118</a>	<a href="#">Click here119</a>	<a href="#">Click here120</a>
41	Introduction to HEV using MATLAB	BSCOER/ELECT/2020-21/001	2020-2021	50	<a href="#">Click here121</a>	<a href="#">Click here122</a>	<a href="#">Click here123</a>
42	MATLAB and SIMULINK	BSCOER/ELECT/2020-21/002	2020-2021	60	<a href="#">Click here124</a>	<a href="#">Click here125</a>	<a href="#">Click here126</a>
43	Python Tutorials for beginners	BSCOER/ETC/2020-21/001	2020-2021	75	<a href="#">Click here127</a>	<a href="#">Click here128</a>	<a href="#">Click here129</a>
44	Understanding Machine Learning	BSCOER/MECH/2020-21/001	2020-2021	55	<a href="#">Click here130</a>	<a href="#">Click here131</a>	<a href="#">Click here132</a>
45	Auto CAD	BSCOER/FE/2020-21/001	2020-2021	45	<a href="#">Click here133</a>	<a href="#">Click here134</a>	<a href="#">Click here135</a>



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46	3D Printing	BSCOER/MECH/2020-21/002	2020-2021	72	<a href="#">Click here136</a>	<a href="#">Click here137</a>	<a href="#">Click here138</a>
47	Hec-Ras	BSCOER/CIVIL-2020-21/001	2020-2021	25	<a href="#">Click here139</a>	<a href="#">Click here140</a>	<a href="#">Click here141</a>
48	Q GIS	BSCOER/ELECT/2019-20/001	2019-2020	60	<a href="#">Click here142</a>	<a href="#">Click here143</a>	<a href="#">Click here144</a>
49	Blue tooth-controlled Robotics using Arduino	BSCOER/ETC/2019-20/001	2019-2020	60	<a href="#">Click here145</a>	<a href="#">Click here146</a>	<a href="#">Click here147</a>
50	Additive Manufacturing	BSCOER/MECH/2019-20/001	2019-2020	50	<a href="#">Click here148</a>	<a href="#">Click here149</a>	<a href="#">Click here150</a>
51	Geometric Dimensions and Tolerances	BSCOER/MECH/2019-20/002	2019-2020	40	<a href="#">Click here151</a>	<a href="#">Click here152</a>	<a href="#">Click here153</a>
52	Heating Ventilation and Air-conditioning	BSCOER/MECH/2019-20/003	2019-2020	70	<a href="#">Click here154</a>	<a href="#">Click here155</a>	<a href="#">Click here156</a>
53	Piping Design	BSCOER/MECH/2019-20/004	2019-2020	50	<a href="#">Click here157</a>	<a href="#">Click here158</a>	<a href="#">Click here159</a>
54	Auto -CAD	BSCOER/CIVIL/2019-20/001	2019-2020	25	<a href="#">Click here160</a>	<a href="#">Click here161</a>	<a href="#">Click here162</a>
55	Raspberry Pi Programming and Project Building	BSCOER/COMP/2019-20/001	2019-2020	55	<a href="#">Click here163</a>	<a href="#">Click here164</a>	<a href="#">Click here165</a>
56	Auto CAD	BSCOER/FE/2019-20/001	2019-2020	40	<a href="#">Click here166</a>	<a href="#">Click here167</a>	<a href="#">Click here168</a>



  
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