



# 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 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 : 020-24608500/01 Website : www.tssm.edu.in

Email : principal@tssm.edu.in

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

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

## 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)

**HEI input: 45**

DVV clarification: Please provide information about each program, including its name, duration of the program, a list of students who have enrolled along with name and signature of students, curriculum of the program and assessment procedures year by year

**HEI response:** As per DVV suggestion, the information about each program is attached herewith.

| Sr. No. | Name of certificate / value added program                           | Course Code                 | Year of offering | No. of students | Link to Brochure /Notice/Curriculum and Assessment Procedure | 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> |
| 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> |





# 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 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 : 020-24608500/01 Website : www.tssm.edu.in

Email : principal@tssm.edu.in

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

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

|    |   |                               |           |     |                               |                               |                               |
|----|---|-------------------------------|-----------|-----|-------------------------------|-------------------------------|-------------------------------|
| 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>  |
| 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 Training 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                                 | BSCOER/ELECT/2020-21/001      | 2020-2021 | 50  | <a href="#">Click here121</a> | <a href="#">Click here122</a> | <a href="#">Click here123</a> |





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

Email : principal@tssm.edu.in

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

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

|    |   |                          |           |    |                               |                               |                               |
|----|---|--------------------------|-----------|----|-------------------------------|-------------------------------|-------------------------------|
|    | MATLAB  |                          |           |    |                               |                               |                               |
| 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> |
| 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> |



  
Principal,  
BSCOER,Pune.

**PRINCIPAL**

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