



**GOKHALE EDUCATION SOCIETY'S  
R. H. SAPAT COLLEGE OF ENGINEERING  
MANAGEMENT STUDIES & RESEARCH**



Affiliated to Savitribai Phule Pune University, Pune • Recognized by Govt. of Maharashtra  
Approved by AICTE, New Delhi & DTE (M.S.), Mumbai, NAAC Accredited B++ • ISO 9001:2015 Certified College

**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)**

**Total Number of Students:**

Summary of NPTEL number of students who have done CERTIFICATE Courses

A.Y.	2020-21	2021-22	2022-23	Total Students
No. of Students	134	52	135	321

Number of students who have done CERTIFICATE Courses

**Honours**

A.Y.	2020-21	2021-22	2022-23	Total Students
No. of Students	44	75	44	163

Number of students who have done CERTIFICATE Courses

**ZENSAR**

A.Y.	2018-19	2019-20	2020-21	2021-22	2022-23	Total Students
No. of Students	133	308	96	132	294	963

Number of students who have done CERTIFICATE Courses

**Other Certifications**

A.Y.	2022-23	22-23	20-21	20-21	Total Students
	Mahindra Pride	PLC SCADA	APTITECH P.P.P.	GIS	
No. of Students	33	42	79	21	175

**Total Number students doing Add on courses offered by the Institute**

Year	NPTEL	ZENSAR	HONOURS Courses	Other Certifications	Total Students
Courses Count	321	963	163	175	1622

**Number of students who have done CERTIFICATE Courses  
(summary of all)**

A.Y.	2018-19	2019-20	2020-21	2021-22	2022-23	Total Students
No. of Students	133	308	405	259	548	1622

**List of students and the attendance sheet for the above-mentioned programs**

A.Y. 2022-23			
NPTEL/SWAYAM COURSES			
Sr. No.	Name of the Certificate Course	NPTEL COURSE CODE	ATTENDANCE
1	Plastic Waste Management	noc22-ce72	<a href="#">LINK TO ATTENDANCE</a>
2	Programming In Java	noc23-cs49	
3	Soft Skill Development	noc23-hs10	
4	Air Pollution and Control	noc23-ce14	
5	Advanced Machining Processes	noc22-me119	
6	Waste to Energy Conversion	noc23-ch05	
7	Advances in welding and joining technologies	noc22-me124	
8	Cloud Computing	noc22-cs87	
9	Introduction To Machine Learning - KGP	noc22-cs97	
10	Solar Photovoltaics: Principles, Technologies & Materials	noc23-mm10	
11	Enhancing Soft Skills and Personality	noc23-hs30	
12	Foundation of Cloud IoT Edge ML	noc23-cs65	
13	Introduction To Internet Of Things	noc23-cs51	
14	Power System Engineering	noc23-ee52	
15	Advances in UHV Transmission and Distribution	noc22-ee98	
16	Deep Learning - IIT Ropar	noc22-cs124	
17	Ecology and Environment	noc22-ge20	
18	Introduction to Japanese Language and Culture – II	noc22-hs118	
19	Introduction to Smart Grid	noc22-ee82	
20	Principles Of Human Resource Management	noc22-mg103	

21	Consumer Behaviour	noc23-mg45	
22	Digital Protection of Power System	noc23-ee59	
23	Electric Vehicles - Part 1	noc23-ee01	
24	Introduction to Professional Scientific Communication	noc23-bt09	
25	Power Quality Improvement Technique	noc23-ee27	

<b>NPTEL/SWAYAM COURSES</b>			
<b>A.Y. 2021-2022</b>			
<b>Sr. No.</b>	<b>Name of the Certificate Course</b>	<b>NPTEL COURSE CODE</b>	<b>ATTENDANCE</b>
1	Soft Skill Development	noc22-hs07	<a href="#">LINK TO ATTENDANCE</a>
2	Cloud computing - online	noc21-cs62	
3	Programming in Java - online	noc21-cs56	
4	Big Data Computing - online	noc21-cs86	
5	Deep learning IITRopar - online	noc21-cs76	
6	Introduction to Machine Learning IITM - online	noc21-cs70	
7	Introduction to Quantum Computing Quantum Algorithms and Qiskit - online	noc21-cs103	
8	The Joy of Computing using Python - online	noc21-cs75	
9	Artificial Intelligence Search Methods For Problem Solving - online	noc21-cs79	
10	Python for Data Science-Online	noc21-cs78	
11	Programming in C++-Online	noc21-cs55	
12	Mechanisms in Organic Chemistry-Online	noc21-cy39	
13	Data Base Management System	noc22-cs51	
14	Blockchain and its Applications	noc22-cs44	
15	Cloud computing	noc22-cs20	
16	Entrepreneurship Essentials	noc22-ge03	
17	Essentials of Oxidation, Reduction and C-C Bond Formation. Application in Organic Synthesis	noc22-cy27	
18	Ethical Hacking	noc22-cs13	
19	Global Marketing Management	noc22-mg28	

20	Introduction to Machine Learning	noc22- cs29	
----	----------------------------------	----------------	--

A.Y. 2020-21			
NPTEL/SWAYAM COURSES			
Sr. No.	Name of the Certificate Course	NPTEL COURSE CODE	ATTENDANCE
1	Enhancing Soft Skills and Personality	noc21- hs02	<a href="#">LINK TO ATTENDANCE</a>
2	Speaking Effectively	noc21- hs05	
3	Technical English for Engineers	noc20- hs56	
4	Rocket Propulsion	noc21- ae01	
5	Python for Data Science	noc21- cs33	
6	Cloud computing	noc21- cs14	
7	Programming, Data Structures And Algorithms Using Python	noc20- cs70	
8	Introduction to Internet of Things	noc21- cs17	
9	PHP and MYSQL (Spoken Tutorial)	aic20_sp32	
10	Linux (Spoken Tutorial)	aic20_sp24	

## Honours courses

Honours degree (an undergraduate subject specialisation focusing on one subject area, these are additional courses in addition to regular course and opted by few students.)

Conducted in 20-21, 21-22 and 22-23

Sr. No	Honours course	Course Code	ATTENDANCE LINK FOR
	Information Brochure Honours Courses by SPPU University	--	<a href="#">ATTENDANCE LINK FOR A.Y. 2022-23</a>
1	Honours in Data Science	310500	<a href="#">ATTENDANCE LINK FOR A.Y. 2021-22</a>
2	Honours in Artificial Intelligence and Machine Learning	310300	
3	Honors in Electric Vehicles	302030	<a href="#">ATTENDANCE LINK FOR A.Y. 2020-21</a>
4	Honours in Cyber Security	310400	
5	Honors in IOT	310600	
6	Honors in Architecture and Town Planning	302030	

## ATTENDANCE FOR Zensar Employability Skill Development Programme

(RECEIVED FROM ZENSAR ESD)

Zensar Employability Skill Development Programme		
A.Y. 2018-19		
1	Certificate Course of Zensar ESD on SQL and PL SQL Conducted in June 2018 32 hours on SQL PL/SQL between 4th June 2018 to 9th June 2018	<a href="#">Link to Attendance</a>  47 Students
2	Certificate Course of Zensar ESD on CORE JAVA Conducted in June 2018 70 hours on CORE JAVA between 11th June 2018 to 21th June 2018 10 Days.	<a href="#">Link to Attendance</a>  47 Students
3	Certificate Course of Zensar ESD on Soft Skills Conducted in January 2019  35 hours on Soft Skills between 7th January 2019 to 12th January 2019.	<a href="#">Link to Attendance</a>  39 Students
Zensar Employability Skill Development Programme		
A.Y. 2019-20		
4	Certificate Course of Zensar ESD on SQL and PL SQL Conducted in 6-12 June 2019  42 hours on PL SQL between 6 June 2019 to 12 June 2019	<a href="#">Link to Attendance</a>  39 Students
5	Certificate Course of Zensar ESD on CORE JAVA Conducted in June 2019  70 hours on CORE JAVA 13 June 2019 to 23 June 2019	<a href="#">Link to Attendance</a>  39 Students
6	certificate training program on <b>soft skills from 23<sup>th</sup> September 2019 to 28 September 2019</b>	<a href="#">Link to Attendance</a>  46 Students
7	Certificate training program on <b>SQL from 16<sup>th</sup> Dec. 2019 to 20 Dec. 2019</b>	<a href="#">Link to Attendance</a>  46 Students
8	<b>Certificate Course of Zensar ESD on Aptitude Conducted in December 2019</b> 35 hours on Aptitude between 26 December 2019 to 29 December 2019 aptitude	<a href="#">Link to Attendance</a>  46 Students
9	certificate training program on CORE JAVA from <b>30<sup>th</sup> Dec. 2019 to 9 January 2020</b> for third year students.	<a href="#">Link to Attendance</a>  46 Students
10	Certificate Course of Zensar ESD on Python Conducted in February 2020  <b>3<sup>rd</sup> February 2020 to 7<sup>th</sup> February 2020</b>	<a href="#">Link to Attendance</a>  46 Students
Zensar Employability Skill Development Programme		
A.Y. 2020-21		

11	Certificate Course of Zensar ESD on Aptitude and SQL PL-SQL Conducted in February 2021 27 JANUARY 2021 TO 5 February 2021 56 HOURS	<a href="#">Link to Attendance</a>  48 Students
12	Certificate Course of Zensar ESD on Python Conducted in 6-11 February 2021	<a href="#">Link to Attendance</a>  48 Students
<b>Zensar Employability Skill Development Programme</b>		
<b>A.Y. 2021-22</b>		
13	Certificate Course of Zensar ESD on Soft skill and Aptitude Conducted in September 2021  13 SEPTEMBER 2021 TO 16 SEPTEMBER 2021 32 HOURS	<a href="#">Link to Attendance</a>  44 Students
14	Certificate Course of Zensar ESD on CORE JAVA Conducted in October 2021 19 October to 29 October 2021 70 hrs	<a href="#">Link to Attendance</a>  44 Students
15	Certificate Course of Zensar ESD on SQL and PL SQL Conducted in November 2021 15 NOVEMBER 2021 TO 25 NOVEMBER 2021	<a href="#">Link to Attendance</a>  44 Students
<b>Zensar Employability Skill Development Programme</b>		
<b>A.Y. 2022-23</b>		
16	Certificate Course of Zensar ESD on SQL and PL SQL Conducted in November 2022  28th November 2022 to 8th December 2022, by Zensar Employability Skill Development Program	<a href="#">Link to Attendance</a>  98 students
17	Certificate Course of Zensar ESD on Aptitude Conducted in December 2022 13 December 2022 to 18 December 2022	<a href="#">Link to Attendance</a>  98 students
18	Certificate Course of Zensar ESD on CORE JAVA Conducted in February 2023 25-26 December 2022 and 6-17 FEB 2023,	<a href="#">Link to Attendance</a>  98 students

**OTHER CERTIFICATE COURSES CONDUCTED BY INSTITUTE**

<b>Other Certificate programmes</b>		
<b>A.Y. 2022-2023</b>		
1	Electrical control panel design with PLC-SCADA Automation "	<a href="#">ATTENDANCE LINK</a>
2	Employability Enhancement and Youth Livelihood Program by Mahendra Pride 2-8 September 2022	<a href="#">ATTENDANCE LINK</a>
<b>Other Certificate programmes</b>		
<b>A.Y. 2020-2021</b>		
1	Geospatial techniques (RS and GIS) for water resources Management.	<a href="#">ATTENDANCE LINK</a>
2	APTITECH Placement Preparedness Program	<a href="#">ATTENDANCE LINK</a>

[LINK FOR ALL CERTIFICATES FOR ABOVE ATTENDANCE](#)

