



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)

Institutional programme brochure/notice for Certificate/Value added programs with course modules and outcomes:

SUMMARY

Summary of NPTEL CERTIFICATE Courses

A.Y.	2020-21	21-22	22-23	Total Courses
No. of NPTEL courses	10	20	25	55

Total Number of Add on courses offered by the Institute

Year	NPTEL	ZENSAR	HONOURS Courses	Other Certifications	Total Courses
Courses Count	55	19	6	4	84

A.Y. 2022-23				
NPTEL/SWAYAM COURSES				
Sr. No.	Name of the Certificate Course	NPTEL COURSE CODE	BROCHURE FROM NPTEL	LINK TO PAGE
1	Plastic Waste Management	noc22-ce72	LINK	LINK
2	Programming In Java	noc23-cs49	LINK	LINK
3	Soft Skill Development	noc23-hs10	LINK	LINK
4	Air Pollution and Control	noc23-ce14	LINK	LINK
5	Advanced Machining Processes	noc22-me119	LINK	LINK
6	Waste to Energy Conversion	noc23-ch05	LINK	LINK
7	Advances in welding and joining technologies	noc22-me124	LINK	LINK
8	Cloud Computing	noc22-cs87	LINK	LINK
9	Introduction To Machine Learning - KGP	noc22-cs97	LINK	LINK
10	Solar Photovoltaics: Principles, Technologies & Materials	noc23-mm10	LINK	LINK
11	Enhancing Soft Skills and Personality	noc23-hs30	LINK	LINK
12	Foundation of Cloud IoT Edge ML	noc23-cs65	LINK	LINK
13	Introduction To Internet Of Things	noc23-cs51	LINK	LINK
14	Power System Engineering	noc23-ee52	LINK	LINK
15	Advances in UHV Transmission and Distribution	noc22-ee98	LINK	LINK

16	Deep Learning - IIT Ropar	noc22-cs124	LINK	LINK
17	Ecology and Environment	noc22-ge20	LINK	LINK
18	Introduction to Japanese Language and Culture - II	noc22-hs118	LINK	LINK
19	Introduction to Smart Grid	noc22-ee82	LINK	LINK
20	Principles Of Human Resource Management	noc22-mg103	LINK	LINK
21	Consumer Behaviour	noc23-mg45	LINK	LINK
22	Digital Protection of Power System	noc23-ee59	LINK	LINK
23	Electric Vehicles - Part 1	noc23-ee01	LINK	LINK
24	Introduction to Professional Scientific Communication	noc23-bt09	LINK	LINK
25	Power Quality Improvement Technique	noc23-ee27	LINK	LINK

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

18	Ethical Hacking	noc22-cs13	LINK	LINK
19	Global Marketing Management	noc22-mg28	LINK	LINK
20	Introduction to Machine Learning	noc22-cs29	LINK	LINK

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

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	Link Brochure/ Syllabus
	Information Brochure Honours Courses by SPPU University	--	Link
1	Honours in Data Science	310500	LINK
2	Honours in Artificial Intelligence and Machine Learning	310300	LINK
3	Honors in Electric Vehicles	302030	LINK
4	Honours in Cyber Security	310400	LINK
5	Honors in IOT	310600	LINK
6	Honors in Architecture and Town Planning	302030	LINK

**Certificate Course of Zensar Employability Skill Development Programme
(19 Nos.)**

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	Link to Brochure
2	Brochure and Notice for certificate program 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.	Link to Certificates
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	Link to Brochure
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	Link to Brochure
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	Link to Brochure
6	certificate training program on soft skills from 23th September 2019 to 28 September 2019	Link to Brochure
7	Certificate training program on SQL from 16th Dec. 2019 to 20 Dec. 2019	Link to Brochure
8	Certificate Course of Zensar ESD on Aptitude Conducted in December 2019 35 hours on Aptitude between 26 December 2019 to 29 December 2019	Link to Brochure
9	certificate training program on CORE JAVA from 30th Dec. 2019 to 9 January 2020.	Link to Brochure

10	Certificate Course of Zensar ESD on Python Conducted in February 2020 3 rd February 2020 to 7 th February 2020	Link to Brochure
Zensar Employability Skill Development Programme		
A.Y. 2021-22		
11	Certificate Course of Zensar ESD on Aptitude and SQL Conducted in January 2021 Employability Skill Development Program of 35 hours on Aptitude between 27 January 21 to 5 February 21	Link to Brochure
12	Certificate Course of Zensar ESD on PL-SQL Conducted in January 2021 1 JANUARY 2021 TO 5 JANUARY 2021 35 HOURS	Link to Brochure
13	Certificate Course of Zensar ESD on Python Conducted in February 2021 06 February 2021 TO 11 February 2021 35 HOURS	Link to Brochure
Zensar Employability Skill Development Programme		
A.Y. 22-23		
14	Certificate Course of Zensar ESD on Soft skill and Aptitude Conducted in September 2021 13 SEPTEMBER 2021 TO 16 SEPTEMBER 2021 32 HOURS	Link to Brochure
15	Certificate Course of Zensar ESD on CORE JAVA Conducted in October 2021 19 October 21 to 29 October 2021 70 hrs	Link to Brochure
16	Certificate Course of Zensar ESD on SQL and PL SQL Conducted in November 2021 15 NOVEMBER 2021 TO 25 NOVEMBER 2021	Link to Brochure
17	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	Link to Brochure
18	Certificate Course of Zensar ESD on Aptitude Conducted in December 2022 13 December 2022 to 18 December 2022	Link to Brochure
19	Certificate Course of Zensar ESD on CORE JAVA Conducted in February 2023 25th December 2022 to 1st January 2023,	Link to Brochure

OTHER CERTIFICATE COURSES CONDUCTED BY INSTITUTE

ON NEXT PAGE

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