



"Empowerment through quality technical education"
Dr D Y Patil Educational Enterprises Charitable Trust's

AJEENKYA

DY PATIL SCHOOL OF ENGINEERING

(Formerly known as DY Patil School of Engineering)

AICTE ID - 1-3847411

AISHE Code: C-46648

DTE Code: EN6732

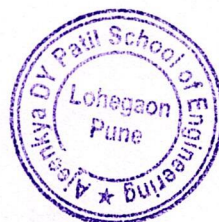
SPPU PUN Code: CEGP015720

(Approved by AICTE, Recognized by Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University)

(Accredited by NAAC, NABL & ISO 9001:2015 & 21001:2018 Certified Institute)

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)

AY	Total Courses offered	Total No of Students Enrolled	Courses excluding curriculum course	No of Students Enrolled after excluding curriculum course	No of Students Completed after excluding curriculum course
2022-23	45	2108	38	1756	724
2021-22	39	850	30	828	313
2020-21	43	744	27	710	331
2019-20	40	688	23	614	256
2018-19	3	574	3	574	300
	170	4964	121	4482	1924

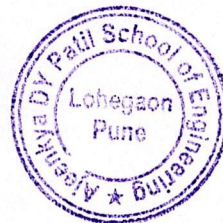



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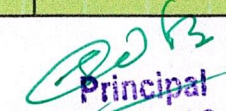
1.2.1 Number of Add on /Certificate programs offered during the last five years

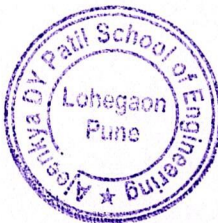
Sr. No.	Name of Add on /Certificate programs offered	Course Code (if any)	2022-23					Department
			Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year	
1	Add on Course on "Python"	NA	2022-23	1	30	295	107	E&TC
2	Add on Course on GERMAN LANGUAGE	NA	2022-23	1	30	325	170	Computer
3	Add on Course on JAPANESE LANGUAGE	NA	2022-23	1	30	345	150	Computer
4	Add on Course on 3D metrology & Reverse Engineering	NA	2022-23	1	30	54	54	Mech
5	Add on Course on Advanced fluid mechanics	NA	2022-23	1	30	40	38	Civil
6	Add on Course on study and field practice on standard penetration	NA	2022-23	1	33	100	89	Civil
7	Add on Course on Recent Trends in IT Industry	NA	2022-23	1	30	129	108	AIDS
8	Add on Course on Aspects of Team Building &	NA	2022-23	1	30	680	100	NPTEL

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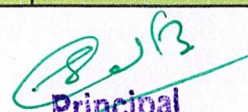


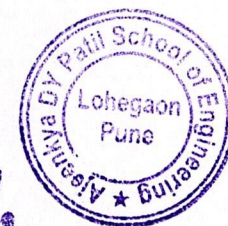
9	SQL FOR Data Science		2022-23	1	4W	5	1	NPTEL
10	An introduction to programming through C++		2022-23	1	12W	8	1	NPTEL
11	Problem Solving through programming in C		2022-23	1	12W	6	1	NPTEL
12	Python for Data Science	noc23-cs21	2022-23	1	4W	37	5	NPTEL
13	AWS S3 Basics		2022-23	1	1W	5	1	NPTEL
14	Python for Data Science, AI & Development		2022-23	1	5W	10	3	NPTEL
15	Data Analytics with Python	noc23-cs08	2022-23	1	12W	6	5	NPTEL
16	Data Science for Engineers	noc23-cs17	2022-23	1	8W	8	1	NPTEL
17	Deep Learning by IIT Ropar		2022-23	1	12w	1	1	NPTEL
18	Cloud Computing	noc23-cs17	2022-23	1	12W	5	2	NPTEL
19	Ethical Hacking	noc23-cs44	2022-23	1	12W	6	1	NPTEL
20	Remote Sensing and GIS for rural development	noc23-ce52	2022-23	2	8W	1	1	NPTEL


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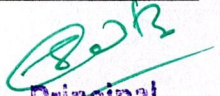


21	A brief introduction of Micro - Sensors	noc23-ee09	2022-23	2	12w	1	0	NPTEL
22	Advanced Atmospheric Physics	noc23-ph20	2022-23	2	12W	1	0	NPTEL
23	Advanced computer architecture	noc23-cs07	2022-23	2	4W	2	0	NPTEL
24	Advanced Computer Networks	noc23-cs35	2022-23	2	12W	1	0	NPTEL
25	Advanced Engineering Mathematics	noc23-ma33	2022-23	2	12W	1	0	NPTEL
26	Advanced Foundation Engineering	noc23-ce33	2022-23	2	4W	2	0	NPTEL
27	AI:Constraint Satisfaction	noc23-cs14	2022-23	2	8W	1	0	NPTEL
28	An Introduction to Artificial Intelligence	noc23-cs05	2022-23	2	12w	5	0	NPTEL
29	Analog Circuits and Systems through SPICE Simulation	noc23-ee74	2022-23	2	12W	1	0	NPTEL
30	Artificial Intelligence: Knowledge Representation And Reasoning	noc23-cs09	2022-23	2	12W	3	0	NPTEL
31	Basic construction materials	noc23-ce18	2022-23	2	4W	1	0	NPTEL
32	Blockchain and its Applications	noc23-cs47	2022-23	2	8W	1	0	NPTEL
33	Design and analysis of algorithms	noc23-cs16	2022-23	2	8W	4	0	NPTEL


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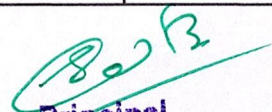


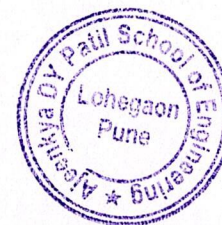
34	Digital Electronic Circuits	noc23-ee50	2022-23	2	12W	1	0	NPTEL
35	Getting Started with Competitive Programming	noc23-cs30	2022-23	2	12W	2	0	NPTEL
36	Hardware Security	noc23-cs59	2022-23	2	4W	1	0	NPTEL
37	Introduction to Lean Construction (Module 1 - Lean Basics)	noc23-ce22	2022-23	2	4W	1	0	NPTEL
38	Introduction to Research	noc23-ge05	2022-23	2	4W	1	0	NPTEL
39	Lighter than Air Systems	noc23-ae05	2022-23	2	4W	2	0	NPTEL
40	Optimisation for Machine Learning: Theory and Implementation (Hindi)	noc23-cs64	2022-23	2	4W	1	0	NPTEL
41	Ordinary and Partial Differential Equations and Applications	noc23-ma06	2022-23	2	4W	5	0	NPTEL
42	Production and Operation Management	noc23-mg17	2022-23	2	8W	1	0	NPTEL
43	VLSI Signal Processing	noc23-ee44	2022-23	2	8W	1	0	NPTEL
44	Wheeled Mobile Robots	noc23-me30	2022-23	2	12W	1	0	NPTEL


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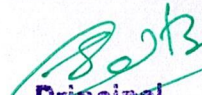


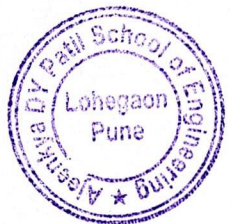
45	Urban Services Planning	noc23-ar07	2022-23	2	4W	1	0	NPTEL
2021-22								
	Name of Add on /Certificate programs offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year	
1	Add on Course on CNC Programming		2021-22	1	30	154	154	Mech
2	Add on Course on Basics and advanced in Etabs V 2019 software	NA	2021-22	1	30	103	85	Civil
3	Add on Course on Practical Approach for OOP	NA	2021-22	1	30	519	70	AIDS
4	Advanced Java Programming	NA	2021-22	1	1M	5	2	NPTEL
5	Aircraft Propulsion	noc21-me95	2021-22	2	12W	2	0	NPTEL
6	Artificial Intelligence : Search Methods for Problem Solving	noc21-cs79	2021-22	2	12W	1	0	NPTEL
7	Big Data Computing	noc21-cs86	2021-22	2	8W	1	0	NPTEL
8	C Programming and Assembly Language	noc21-cs81	2021-22	2	4W	1	0	NPTEL
9	Cloud computing	noc21-cs62	2021-22	2	12W	6	0	NPTEL
10	Data Base Management System	noc21-cs58	2021-22	2	8W	1	0	NPTEL


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11	Design of Mechatronic Systems	noc21-me129	2021-22	2	12W	1	0	NPTEL
12	Design of Reinforced Concrete Structures	noc21-ce42	2021-22	2	12W	2	0	NPTEL
13	Developing Soft Skills and Personality	noc21-hs57	2021-22	2	8W	1	0	NPTEL
14	Electric vehicles and Renewable energy	noc21-ee112	2021-22	2	12W	1	0	NPTEL
15	Entrepreneurship and IP strategy	noc21-hs102	2021-22	2	8W	4	0	NPTEL
16	Fluid Machines	noc21-me75	2021-22	2	12W	1	1	NPTEL
17	Introduction to Machine Learning	noc21-cs85	2021-22	2	12W	2	0	NPTEL
18	Natural Language Processing	noc21-cs102	2021-22	2	8W	2	0	NPTEL
19	Problem Solving through Programming in C	noc21-cs54	2021-22	2	12W	1	1	NPTEL
20	Project Planning & Control	noc21-ce50	2021-22	2	12W	1	0	NPTEL
21	Python for Data Science	noc21-cs78	2021-22	2	8W	2	0	NPTEL
22	RAC Product Design	noc21-me106	2021-22	2	4W	1	0	NPTEL
23	Science, Technology and Society	noc21-hs82	2021-22	2	12W	2	0	NPTEL
24	Soil Mechanics/Geotechnical Engineering I	noc21-ce41	2021-22	2	8W	6	0	NPTEL
25	Wastewater Treatment and Recycling	noc21-ce49	2021-22	2	12W	5	2	NPTEL
26	AI:Constraint Satisfaction	noc22-cs06	2021-22	2	12W	2	0	NPTEL

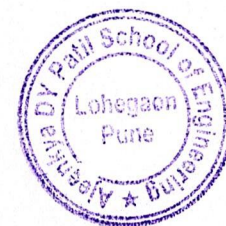

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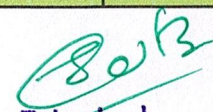
27	An Introduction to Artificial Intelligence	noc22-cs56	2021-22	2	8W	5	0	NPTEL
28	An Introduction to Programming Through C++	noc22-cs42	2021-22	2	4W	2	1	NPTEL
29	Artificial Intelligence: Knowledge Representation And Reasoning	noc22-cs02	2021-22	2	4W	2	0	NPTEL
30	Basic course in Biomedical Research	noc20-md03	2021-22	2	12W	1	0	NPTEL
31	Cloud Computing and Distributed Systems	noc22-cs18	2021-22	2	8W	1	0	NPTEL
32	Data Analytics with Python	noc22-cs08	2021-22	2	12W	2	0	NPTEL
33	Data Science for Engineers	noc22-cs28	2021-22	2	12W	1	0	NPTEL
34	Emotional Intelligence	noc22-hs11	2021-22	2	8W	3	0	NPTEL
35	Gear And Gear Unit Design: Theory and Practice	noc22-me62	2021-22	2	12W	1	0	NPTEL
36	Signals and Systems	noc22-ee42	2021-22	2	8W	2	0	NPTEL
37	Systems and Usable Security	noc22-cs36	2021-22	2	4W	1	0	NPTEL
38	Traffic Engineering	noc22-ce41	2021-22	2	4W	1	0	NPTEL
39	Urban Transportation Systems Planning	noc22-ce34	2021-22	2	12W	1	0	NPTEL

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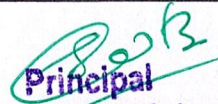
2020-21								
	Name of Add on /Certificate programs offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year	
1	Add on Course on Analytics and Data Science	NA	2020-21	1	38	248	76	E&TC
2	Add on Course on German Language	NA	2020-21	1	30	351	179	Computer
3	Handson Python Workshop with Applications and Cloud Development	NA	2020-21	1	30	64	64	Computer
4	Technical English for Engineers	noc20-hs56	2020-21	2	8W	6	2	NPTEL
5	German - I	noc20-hs87	2020-21	2	12W	3	2	NPTEL
6	Introduction To Japanese Language And Culture	noc20-hs83	2020-21	2	12W	6	5	NPTEL
7	Ecology and Environment	noc20-ge16	2020-21	2	8W	3	3	NPTEL
8	Advanced Concrete Technology	noc20-ce45	2020-21	2	8W	3	0	NPTEL
9	Applied Electromagnetics For Engineers	noc20-ee93	2020-21	2	8W	1	0	NPTEL


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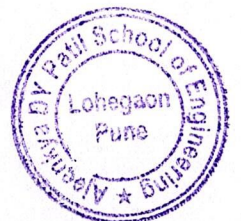
10	Artificial Intelligence Search Methods For Problem Solving	noc20-cs81	2020-21	2	12W	3	0	NPTEL
11	Basics Of Finite Element Analysis-I	noc20-me91	2020-21	2	12W	3	0	NPTEL
12	Big Data Computing	noc20-cs92	2020-21	2	8W	2	0	NPTEL
13	C Programming and Assembly Language	noc20-cs94	2020-21	2	8W	3	0	NPTEL
14	Data Base Management System	noc20-cs60	2020-21	2	4W	2	0	NPTEL
15	Data Science for Engineers	noc20-cs72	2020-21	2	4W	3	0	NPTEL
16	Data Structure and algorithms using Java	noc20-cs85	2020-21	2	12W	2	0	NPTEL
17	Discrete Mathematics	noc20-cs82	2020-21	2	12W	3	0	NPTEL
18	Programming in C++	noc20-cs57	2020-21	2	8W	5	0	NPTEL
19	Programming, Data Structures And Algorithms Using Python	noc20-cs70	2020-21	2	8W	5	0	NPTEL
20	Python for Data Science	noc20-cs80	2020-21	2	4W	3	0	NPTEL




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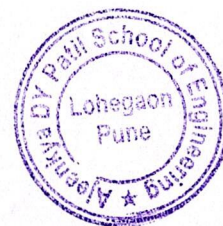
21	Strength Of Materials	noc20- ce34	2020-21	2	12W	2	0	NPTEL
22	The Joy of Computing using Python	noc20- cs83	2020-21	2	8W	1	0	NPTEL
23	Computer Networks and Internet Protocol	noc21- cs18	2020-21	2	12W	1	0	NPTEL
24	Introduction to Automata, Languages and Computation	noc21- cs19	2020-21	2	12W	1	0	NPTEL
25	An Introduction to Programming through C++	noc21- cs38	2020-21	2	8W	1	0	NPTEL
26	Principles of Industrial Engineering	noc21- me15	2020-21	2	4W	1	0	NPTEL
27	Python for Data Science	noc21- cs33	2020-21	2	8W	2	0	NPTEL
28	An Introduction to Programming through C++	noc21- cs38	2020-21	2	4W	1	0	NPTEL
29	Speaking Effectively	noc21- hs05	2020-21	2	12W	1	0	NPTEL
30	Innovation by Design	noc21- de05	2020-21	2	8W	1	0	NPTEL
31	Understanding Design	noc21- de06	2020-21	2	12W	1	0	NPTEL


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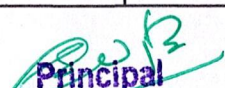


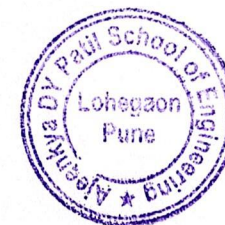
32	Introduction to Embedded System Design	noc21-ee58	2020-21	2	12W	1	0	NPTEL
33	Mining Machinery	noc21-mm17	2020-21	2	12W	1	0	NPTEL
34	Cryptography and Network Security	noc21-cs16	2020-21	2	8W	1	0	NPTEL
35	An Introduction to Artificial Intelligence	noc21-cs42	2020-21	2	8W	1	0	NPTEL
36	Programming in C++	noc21-cs02	2020-21	2	8W	1	0	NPTEL
37	Human Behaviour	noc21-hs21	2020-21	2	12W	1	0	NPTEL
38	Data Analytics with Python	noc21-cs45	2020-21	2	4W	1	0	NPTEL
39	Software Testing	noc21-cs13	2020-21	2	12W	1	0	NPTEL
40	Cloud computing	noc21-cs14	2020-21	2	12W	1	0	NPTEL
41	Introduction to Embedded System Design	noc21-ee58	2020-21	2	8W	1	0	NPTEL


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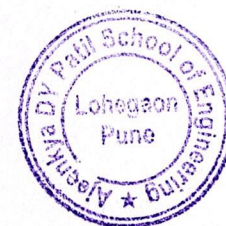
42	Programming, Data Structures And Algorithms Using Python	noc21-cs21	2020-21	2	8W	1	0	NPTEL
43	User Interface Design	noc21-ar05	2020-21	2	8W	1	0	NPTEL
2019-20								
	Name of Add on /Certificate programs offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the	Number of Students completing the	
1	Add on Course on Campus To Connect	NA	2019-20	1	33	249	73	E&TC
2	Add on Course on Employability Skill Development by Inspiring Indeed InfoTech	NA	2019-20	1	37	264	120	Computer
3	Add on Course on 3D Printing	NA	2019-20	1	36	60	60	Mech
4	Design Practice	noc19-me49	2019-20	2	8W	1	0	NPTEL
5	Robotics	noc19-me74	2019-20	2	4W	1	0	NPTEL
6	Manufacturing Automation	noc19-me78	2019-20	2	8W	1	0	NPTEL
7	Artificial Intelligence : Search Methods for Problem Solving	noc19-cs83	2019-20	2	4W	1	0	NPTEL
8	Programming In Java	noc19-cs84	2019-20	2	12W	12	1	NPTEL
9	Manufacturing Automation	noc19-me78	2019-20	2	8W	1	0	NPTEL


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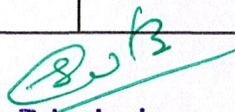


10	Ethical Hacking	noc19-cs68	2019-20	2	12W	6	0	NPTEL
11	Introduction to Machine Learning	noc19-cs53	2019-20	2	12W	7	0	NPTEL
12	Advanced Computer Architecture	noc19-cs62	2019-20	2	12W	1	0	NPTEL
13	An Introduction to Programming through C++	noc19-cs39	2019-20	2	8W	9	0	NPTEL
14	Basic Electric Circuits	noc19-ee36	2019-20	2	8W	1	0	NPTEL
15	Blockchain Architecture Design and Use Cases	noc19-cs63	2019-20	2	8W	2	0	NPTEL
16	Body Language: Key to Professional Success	noc19-hs34	2019-20	2	12W	1	0	NPTEL
17	Computer numerical control CNC of machine tools and processes	noc19-me46	2019-20	2	4W	1	0	NPTEL
18	Computer Vision	noc19-cs58	2019-20	2	12W	2	0	NPTEL
19	Concrete Technology	noc19-ce20	2019-20	2	12W	1	0	NPTEL
20	Data Base Management System	noc19-cs46	2019-20	2	8W	3	0	NPTEL
21	Data Science for Engineers	noc19-cs60	2019-20	2	8W	2	0	NPTEL
22	Decision-Making Under Uncertainty	noc19-mg43	2019-20	2	8W	1	0	NPTEL
23	Design and analysis of algorithms	noc19-cs47	2019-20	2	8W	1	0	NPTEL
24	Design of steel	noc19-	2019-20	2	4W	1	0	NPTEL
25	Developing Soft Skills	noc19-	2019-20	2	12W	2	0	NPTEL

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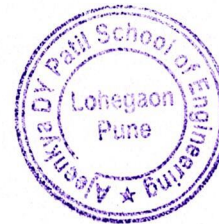


26	Discrete Mathematics	noc19-cs67	2019-20	2	8W	3	0	NPTEL
27	Ethical Hacking	noc19-	2019-20	2	12W	6	0	NPTEL
28	Fluid Mechanics	noc19-	2019-20	2	12W	2	0	NPTEL
29	Introduction to Internet of Things	noc19-cs65	2019-20	2	12W	3	0	NPTEL
30	Introduction to Programming in C	noc19-cs42	2019-20	2	8W	4	0	NPTEL
31	Leadership	noc19-mg34	2019-20	2	8W	2	0	NPTEL
32	Machine Learning for Engineering and Science Applications	noc19-cs82	2019-20	2	12W	2	0	NPTEL
33	Practical Machine Learning with Tensorflow	noc19-cs81	2019-20	2	4W	5	0	NPTEL
34	Programming in C++	noc19-cs38	2019-20	2	12W	2	0	NPTEL
35	Programming, Data Structures and Algorithms Using Python	noc19-cs40	2019-20	2	12W	10	1	NPTEL
36	Python for Data Science	noc19-cs59	2019-20	2	8W	5	0	NPTEL
37	The Joy of Computing using Python	noc19-cs41	2019-20	2	12W	4	1	NPTEL
38	Cloud Computing	noc19-cs27	2019-20	1	12W	2	2	NPTEL
39	Big Data Computing	noc19-cs33	2019-20	1	8W	4	2	NPTEL
40	Machine Learning, ML	noc19-cs35	2019-20	1	8W	3	2	NPTEL


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2018-19								
	Name of Add on /Certificate programs offered	Course Code (if any)	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the	Number of Students completing the	
1	Add on Course on AutoCAD 2D	NA	2018-19	1	32	67	60	Civil
2	Add on Course on German Language-1	NA	2018-19	1	30	251	120	Computer
3	Add on Course on German Language-2	NA	2018-19	1	32	256	120	Computer




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