



Report on NPTEL Local Chapter at SVIT

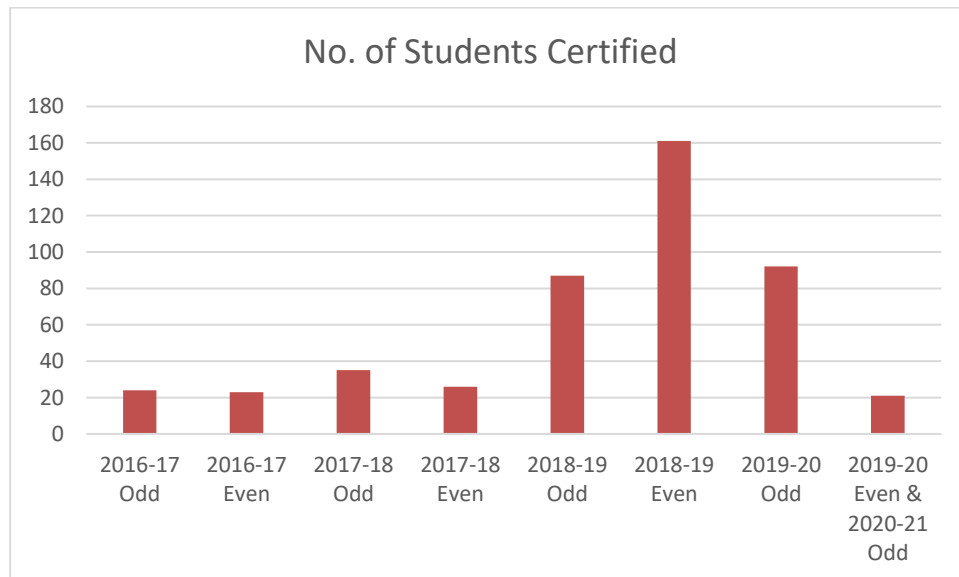
NPTEL Local Chapter was started in Sai Vidya Institute of Technology during March 2016. Prof. Abhijith H V, Assistant Professor, Dept. of ISE is the SPOC.

Every year many students were motivated to register for NPTEL courses. From the academic year 2018-19 onwards every program maps 2 NPTEL courses for each semester. Students are supposed to enrol and take up assignments in the mapped NPTEL courses. These assignments marks are considered for Internal Assessment Component – 2.

Every year many students register for NPTEL certifications.

No of Students completed certifications from 2016-17 is shown in the below table.

Year	No. of Students Certified
2016-17 Odd	24
2016-17 Even	23
2017-18 Odd	35
2017-18 Even	26
2018-19 Odd	87
2018-19 Even	161
2019-20 Odd	92
2019-20 Even & 2020-21 Odd	21



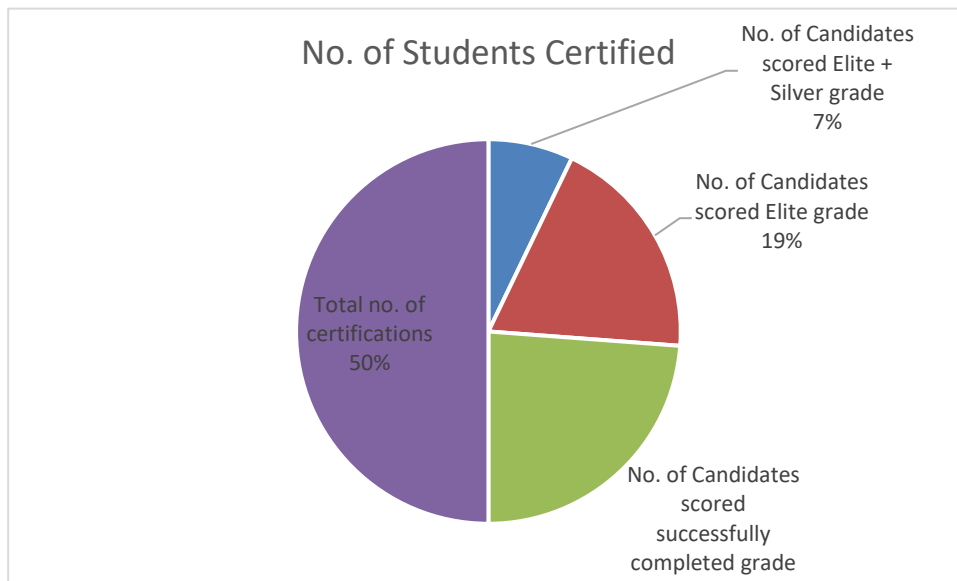
Year Wise NPTEL Certification Details



Year Wise statistics are as follows:

2019-20 Even Semester:

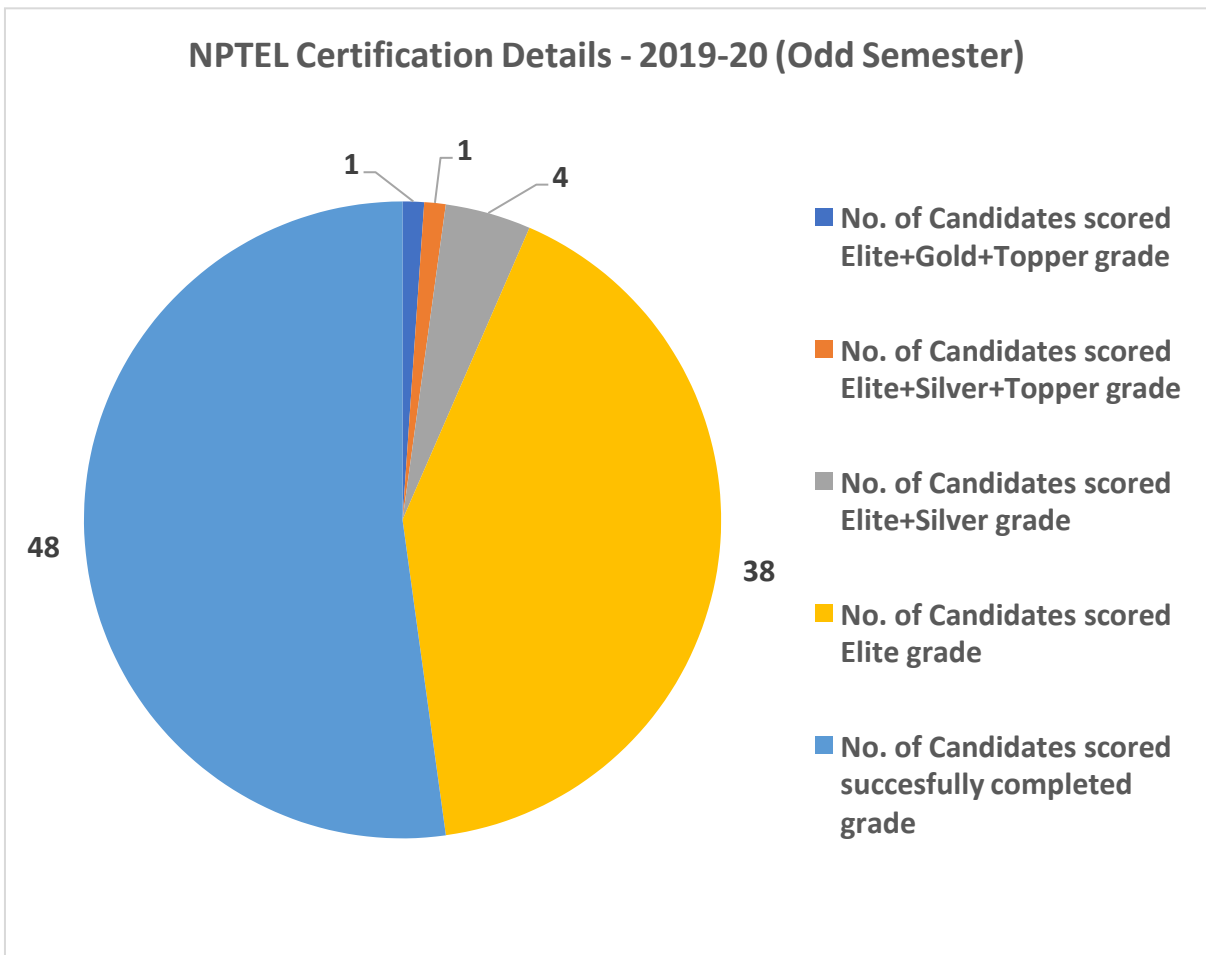
Category	No. of Students Certified
No. of Candidates scored Elite + Silver grade	3
No. of Candidates scored Elite grade	8
No. of Candidates scored successfully completed grade	10
Total no. of certifications	21





2019-20 Odd Semester:

Category	No. of Students Certified
No. of Candidates scored Elite+ Gold+ Topper grade	1
No. of Candidates scored Elite +Silver + Topper grade	1
No. of Candidates scored Elite + Silver grade	4
No. of Candidates scored Elite grade	38
No. of Candidates scored successfully completed grade	48
Total no. of certifications	92





Course wise Certification details during 2019-20 Odd Semester is shown below:

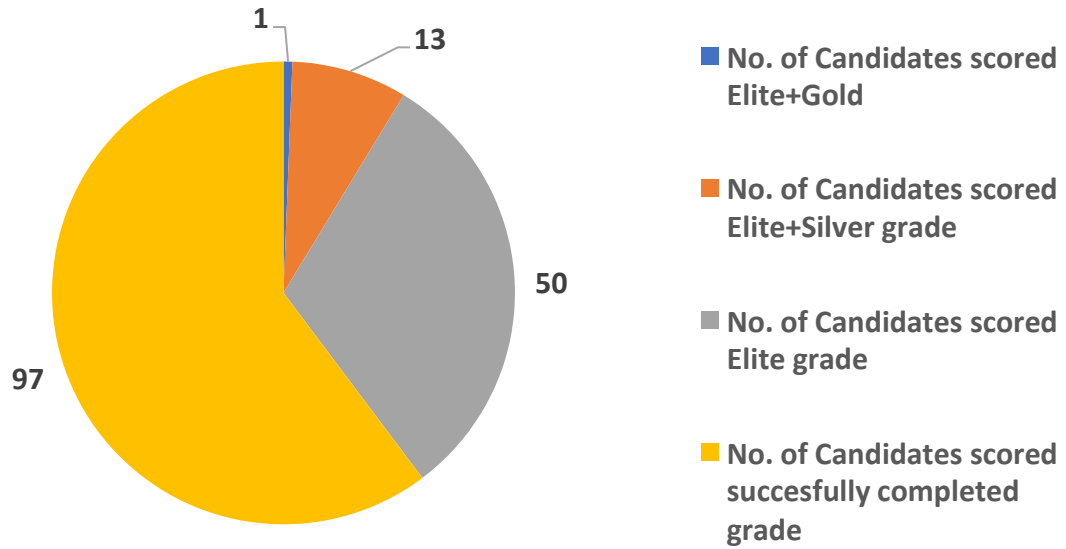
S.no	Course Name	Present	Gold	Elite	Silver	Success	Participation
1	Strength of Materials	4	0	0	0	1	3
2	Design of steel structures	6	0	1	0	1	4
3	Structural analysis-I	1	0	0	0	1	0
4	Fluid Mechanics	2	0	0	0	1	1
5	Wastewater Treatment and Recycling	1	0	0	0	0	1
6	Remote Sensing and GIS	1	0	0	0	0	1
7	Programming, Data Structures and Algorithms Using Python	2	0	0	0	0	2
8	Data Base Management System	30	0	27	3	0	0
9	Introduction to Machine Learning	8	0	2	0	4	2
10	Data Science for Engineers	1	0	0	0	0	1
11	Introduction to Internet of Things	1	0	0	0	1	0
12	Discrete Mathematics	10	0	0	0	8	2
13	Ethical Hacking	3	0	0	1	1	1
14	Software Engineering	14	0	0	0	8	6
15	Hardware modeling using verilog	1	0	0	0	0	1
16	Demystifying Networking	1	1	0	0	0	0
17	Theory of Computation	4	0	1	0	3	0
18	Artificial Intelligence : Search Methods for Problem Solving	1	0	0	0	0	1
19	Bioinorganic Chemistry	1	0	1	0	0	0
20	Digital Signal Processing	4	0	0	0	0	4
21	Digital Circuits	40	0	3	0	17	20
22	Microwave Theory and Techniques	2	0	1	0	1	0
23	Fundamentals of manufacturing processes	1	0	0	0	0	1
24	Fundamentals of Artificial Intelligence	1	0	0	0	1	0
25	Training of Trainers	1	0	0	1	0	0
26	Corporate Social Responsibility	3	0	2	0	0	1

2018-19 Even Semester

Category	No. of Students Certified
No. of Candidates scored Elite+Gold	1
No. of Candidates scored Elite+Silver grade	13
No. of Candidates scored Elite grade	50
No. of Candidates scored successfully completed grade	97
Total no. of certifications	161



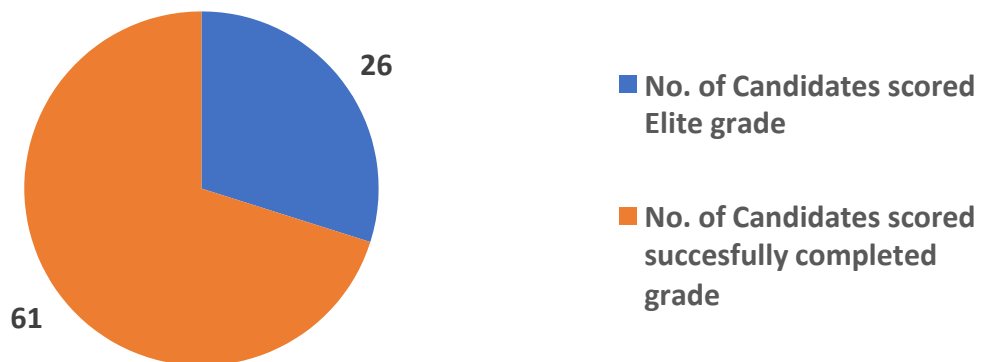
NPTEL Certification Details - 2018-19 (Even Semester)



2018-19 Odd Semester

Category	No. of Students Certified
No. of Candidates scored Elite grade	26
No. of Candidates scored successfully completed grade	61
Total no. of certifications	87

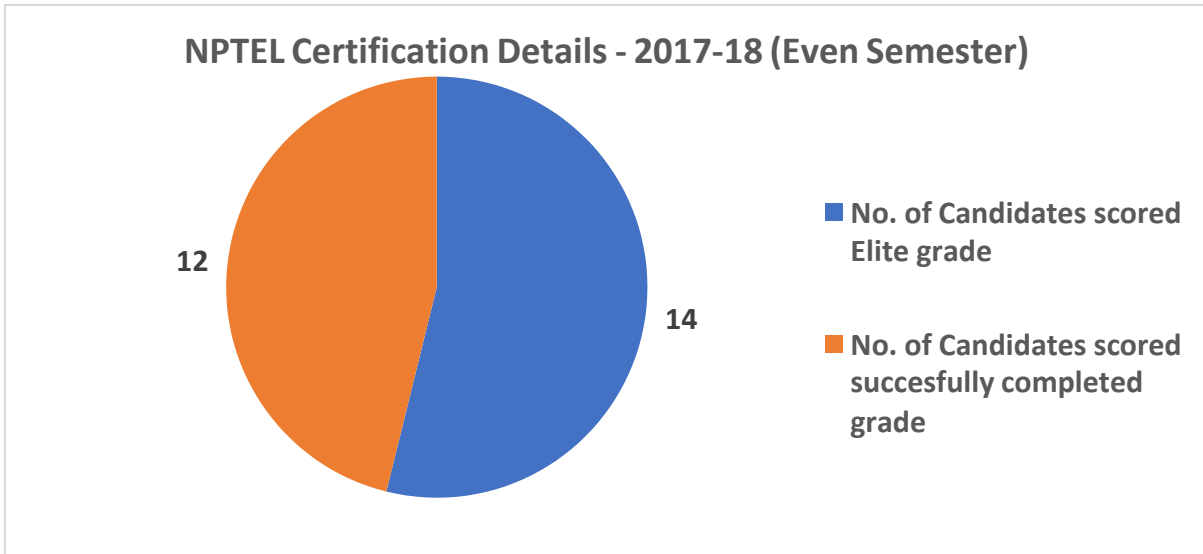
NPTEL Certification Details - 2018-19 (Odd Semester)





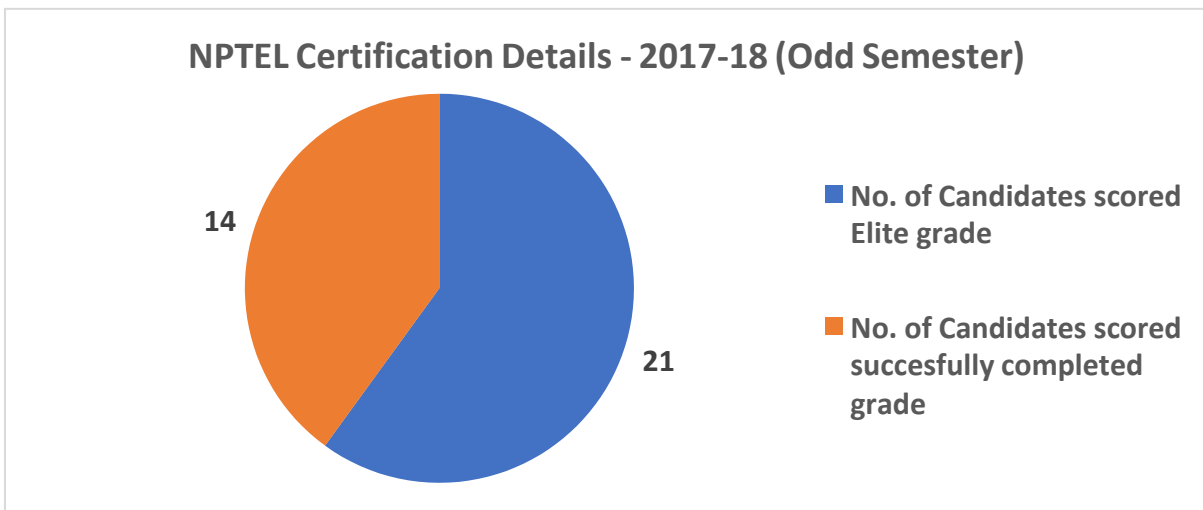
2017-18 Even Semester

Category	No. of Students Certified
No. of Candidates scored Elite grade	14
No. of Candidates scored successfully completed grade	12
Total no. of certifications	26



2017-18 Odd Semester

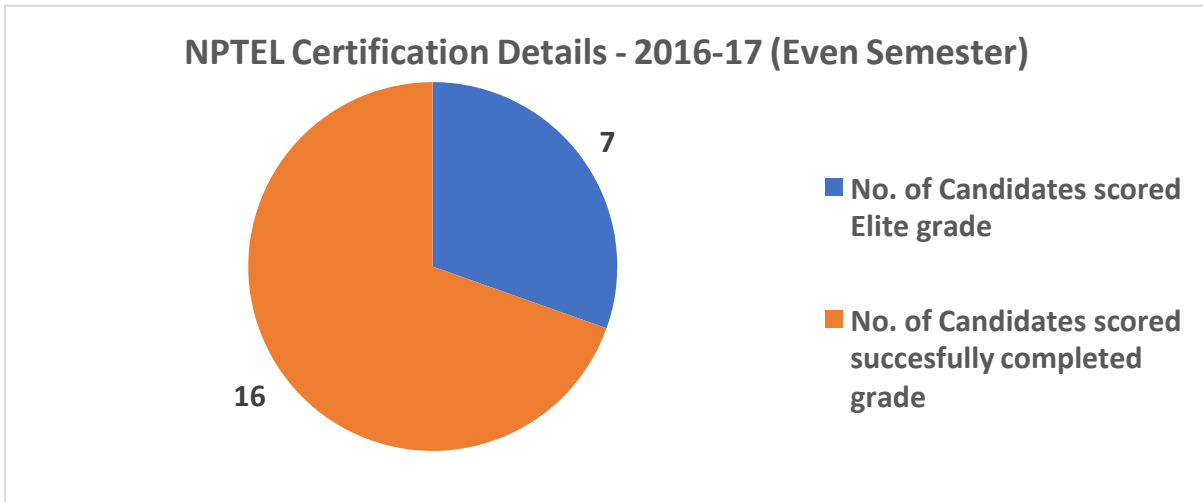
Category	No. of Students Certified
No. of Candidates scored Elite grade	21
No. of Candidates scored successfully completed grade	14
Total no. of certifications	35





2016-17 Even Semester:

Category	No. of Students Certified
No. of Candidates scored Elite grade	7
No. of Candidates scored successfully completed grade	16
Total no. of certifications	23



2016-17 Odd Semester:

Category	No. of Students Certified
No. of Candidates scored Elite grade	6
No. of Candidates scored successfully completed grade	18
Total no. of certifications	24

