

CRITERION 4	STUDENTS' PERFORMANCE	100
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4. STUDENTS' PERFORMANCE (100)**4.1 Enrolment ratio (20)****Claimed: 20****Table 4.1**

Item (Information to be provided cumulatively for all the shifts with explicit headings, wherever applicable)	CAY 2020-2021	CAYm1 2019-2020	CAYm2 2018-2019
Sanctioned intake of the program (N)	113	98	84
Total number of students admitted in first year <i>minus</i> number of students migrated to other programs/institutions plus no. of students migrated to this program (N1)	111	90	78
Number of students admitted in 2nd year in the same batch via lateral entry (N2)	Nil	Nil	Nil
Separate division students, if applicable(N3)	Nil	Nil	Nil
Total number of students admitted in the Program (N1 + N2 + N3)	111	90	78

CAY: Current Academic Year**CAYm1: Current Academic Year minus1= Current Assessment Year****CAYm2: Current Academic Year minus2=Current Assessment Year minus 1****LYG: Last Year Graduate****LYGm1: Last Year Graduate minus 1****LYGm2: Last Year Graduate minus 2****Table 4.2**

Year of Entry	Total No of students admitted in the program (N1+N2+N3)	Number of students who have successfully graduated without backlogs in any semester/year of study (Without Backlog means no compartment or failures in any semester/year of study)			
		I Year	II Year	III Year	IV Year
CAY (2020-2021)	111				
CAY m1 (2019-2020)	90	78			
CAY m2 (2018-2019)	78	50	49		
CAY m3 (2017-2018)	67	40	37	36	
CAY m4 (2016-2017)	52	36	28	28	28
CAY m5 (2015-2016)	75	47	39	36	36
CAY m6 (2014-2015)	76	65	45	45	43

Table 4.3

Year of Entry	Total No of students admitted in the program (N1+N2+N3)	Number of students who have successfully graduated in stipulated period of study) [Total of with Backlog + without Backlog]			
		I Year	II Year	III Year	IV Year
CAY (2020-2021)	111				
CAY m1 (2019-2020)	90	80			
CAY m2 (2018-2019)	78	78	74		
CAY m3 (2017-2018)	67	64	64	59	
CAY m4 (2016-2017)	52	51	49	48	48
CAY m5 (2015-2016)	75	73	73	73	67
CAY m6 (2014-2015)	76	73	73	73	68

Enrolment Ratio = $N1/N$

Average of Total students admitted in the 1st year / Sanctioned intake of program for the previous 3 academic years including Current Academic Year (CAY)

Item	Marks
(Students enrolled at the First Year Level on average basis during the last threeyears starting from current academic year)	
>=90% students enrolled	20
>=80% students enrolled	18
>=70% students enrolled	16
>=60% students enrolled	14
Otherwise	0

Table 4.4

	N (From Table 4.1)	N1(From Table 4.1)	Enrolment Ratio (ER)
CAY: 2020-2021	113	111	98.23
CAYm1: 2019-2020	98	90	91.84
CAYm2: 2018-2019	84	78	92.86
Average = [(ER1 + ER2 + ER3)/3]	94.31		

4.2. Success rate in the stipulated period of the program (20)**Claimed: 12.44**

4.2.1. Success rate without backlogs in any semester/year of study (15)

Claimed: 7.92

$SI = (\text{Number of students who have graduated from the program without backlog}) / (\text{Number of students admitted in the first year of that batch and admitted in 2nd year via lateral entry and separate division, if applicable})$

Average SI = Mean of Success Index (SI) for past three batches

Table 4.5

Item	LYG (CAYm4) 2016-2017	LYG m1 (CAYm5) 2015-2016	LYG m2 (CAYm6) 2014-2015
Number of students admitted in the corresponding First Year + admitted in 2 nd year via lateral entry and separate division, if applicable (X)	52	75	76
Number of students who have graduated without backlogs in the stipulated period (Y)	28	36	43
Success Index (SI=Y/X)	SI1=0.54	SI2=0.48	SI3=0.57
Average SI = [(SI1 + SI2 + SI3) / 3]	0.53		
Success rate without backlogs in any year of study= 15 X (Average SI)	15 X 0.53 = 7.92		

4.2.2. Success rate in stipulated period (5)

Claimed: 4.519

$SI = (\text{Number of students who graduated from the program with backlog in the stipulated period of course duration}) / (\text{Number of students admitted in the first year of that batch and admitted in 2nd year via lateral entry and separate division, if applicable})$

Average SI = mean of Success Index (SI) for past three batches.

Table 4.6

Item	LYG (CAYm4) 2016-2017	LYG m1 (CAYm5) 2015-2016	LYG m2 (CAYm6) 2014-2015
Number of students admitted in the corresponding First Year + admitted in 2 nd year via Lateral entry and separate division, if applicable(X)	52	75	76
Number of students who have graduated in the stipulated period(Y)	48	67	68
Success Index (SI=Y/X)	SI1=0.923	SI2=0.893	SI3=0.894
Average SI = [(SI1 + SI2 + SI3) / 3]	0.904		
Success rate = 5 X Average SI	5 X 0.897 = 4.519		

4.3. Academic performance in second year (10)**Claimed: 7.07**

API = ((Mean of 2ndYear Grade Point Average of all successful Students on a 10 point scale) or (Mean of the percentage of marks of all successful students in Second Year/10)) x (number of successful students/number of students appeared in the examination) Successful students are those who are permitted to proceed to the Third year.

Table 4.7

Academic Performance	CAYm1 2018-2019	CAYm2 2017-2018	CAY m3 2016-2017
Mean of CGPA or Mean Percentage of all successful students (X)	7.34	7.370	7.659
Total no. of successful students (Y)	74	64	49
Total no. of students appeared in the examination (Z)	78	67	52
API = X* (Y/Z)	AP1= 6.96	AP2= 7.04	AP3= 7.22
Average API= [(AP1 + AP2 + AP3)/3]	7.07		

4.4. Placement, higher studies and entrepreneurship (30)**Claimed: 18.91****Table 4.8**

Item	CAYm1 2019-20	CAYm2 2018-19	CAYm3 2017-18
Total No. of Final Year Students (N)	48	73	73
No. of students placed in companies or Government Sector (X)	13	34	32
No. of students admitted to higher studies with valid qualifying scores (GATE or equivalent State or National Level Tests, GRE, GMAT etc.) (Y)	16	12	13
No. of students turned entrepreneur in engineering/technology (Z)	0	0	02
X+Y+Z	29	46	48
Placement Index :(X + Y + Z)/N	P1= 0.604	P2= 0.63	P3= 0.657
Average placement = [(P1 + P2 + P3)/3]	0.63		
Assessment Points = [30 × average placement]	18.91		

4.5 Professional activities (20)**Claimed: 20****4.5.1 Professional societies/chapters and organizing engineering events (05)****Claimed: 5****Table 4.9**

2017-18	<ul style="list-style-type: none"> • Seminar on “Importance of International certification in design, automation and IT industries” in association with CEPTS Infotech Pvt. Ltd. • Interaction Programme with Sri Robin Kumar Bagchi, Director National Institute of Secondary Steel Technology, Mandi. • Student Participation in the “Festival of Inovation and Entrepreneurship 2018” held at RastrupatiBhawan. • Student Participation in workshop on “Data Analytics” by IIED Centre NIT Srinagar. • Five days workshop on “Project Planning and Control” with primavera by IIED Centre NIT Srinagar. • Event held on the topic of “TOD, FOD and JOD” Programme by IIED Centre NIT Srinagar. • Two-day lecture on “Research Methodology” by Prof. Noe G Alba Baena, Mexico from 24-25 May 2018. • Short-term course on Modelling & Simulation of Large Scale Systems.
2018-19	<ul style="list-style-type: none"> • Two days workshop on M-CAD under skill development club by IIED Centre NIT Srinagar. • Two days workshop on “E-Summit” by IIED Centre NIT Srinagar. • Expert lecture by Professor PallavBanarji (IIT Kharagpur) on “Nano Physics” Sponsored by TEQIP III NIT Srinagar. • Expert Lecture on “computer programming” by Prof.SouravMukhopadhyay, Department of computer science and Engineering Sponsored by TEQIP III NIT Srinagar. • STC on “Advance Materials Processing a Characterization” Sponsored by TEQIP III NIT Srinagar. • One week Workshop on “Power Electronics: Applications in Renewable Energy Systems”. • One week STC on “Introduction and Basics of Programming skill using MATLAB and PYTHON”. • Two day Workshop on “Scientific and Technical Documentation using LaTeX”. • One week STC on “Introduction to MATLAB, PSACD and LaTeX for Researchers”. • Started IEEE Students Chapter at NIT Srinagar (Reference#:190717-000730). (Institute Id: STB11543) • Started EED Student Club in the Department of Electrical Engineering. • Organized a contest by EED Student Club for Logo design for the EED Club. • Organized a farewell cum felicitation programme by EED Student Club for B. Tech. Batch 2015-19 & M. Tech. Batch 2017-19.

2019-2020	<ul style="list-style-type: none"> Started IET on Campus as Students Chapter at NIT Srinagar. Renewable Energy in Science, Engineering and Technology (RESET-2019). Organized a FACE OFF- THE DEBATE on topic “Whether technology is taking world towards a safer zone or a disastrous zone” by IEEE Student Branch, NIT Srinagar. Orientation programme for 1st year 2019 entry batch EED-UG and PG students on Nov 2019.
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4.5.2 Publication of technical magazines, newsletters, etc. (05)**Claimed: 5**

- NIT Srinagar annual institute magazine (SABZAR 2019-2020)
- Research and Development Newsletter 2017(Inaugural Issue, Vol. 1)
- Departmental Newsletter (The EED Bulletin 2019)
- Research and Development Newsletter (The Pulse 2020)

4.5.3 Participation in inter-institute events by students of the program of study (10)**Claimed: 10****Table 4.10**

Technical Events	
2017-18	<ul style="list-style-type: none"> Participation in E-summit (organized by IIT Bombay) Participation in National level all terrain vehicle racing event Participation in National level rally car design challenge 2018 Participation in E summit at IIT Bombay
2018-19	<ul style="list-style-type: none"> Student Participation in “Meshmerze competition of Tech Fest “Organized by IIT Bombay. Won 1st Prize in IDEA CHALLENGE organised by IIED Centre for innovation and prototype of “Food Grain Washer and Water Purifier Machine” on 7th October 2018. Won 3rd prize and 4 incubation offers in STARTUP INDIA competition organised by JKEDI for innovation in INNOVATIVE TECHNOLOGY on 19th October 2018. Got 2.5 lakh rupees Grant in Aid from New Gen IEDC organised by University of Kashmir for prototype development of machine and got incubated for academic year 2018-19
2019-20	<ul style="list-style-type: none"> Won National Level Competition in Grand Finale of Smart India Hackathon (SIH 2019) Hardware Edition organised by MHRD on 12th July 2019 at VEL TECH Chennai with five other team members and one mentor. Represents NIT Srinagar in National Exhibition at AICTE New Delhi with innovated machine, chief Guest MHRD minister, Organised by MHRD on 9-10 September 2019.

Table 4.11

Sports Events	
2017-18	<ul style="list-style-type: none"> • Participation in inter NIT Cricket and Swimming tournament at NIT Rourkela. • Participation in inter NIT Table Tennis and Chess tournament at NIT Srinagar. • Participation in state universities championship of Cricket, football and basketball tournament at Jammu University. • Participation in inter institute tri series of T20 Cricket and Basketball tournament at SSM College, Srinagar. • Inter institute tri series of T20 cricket tournament with Dental College Srinagar at NIT Srinagar. • Participation in the 2nd state Universities Sports Championship 2018 held at University of Jammu from 22nd -27th March. • Participation in Inter NIT basketball and Badminton tournament held at NIT Warangal from 27th to 29th January. • Celebration of 4th International Day of “Yoga” on 21st of June 2018. • Participation in Inter NIT weight Lifting , Power Lifting, Best Physic and Swimming Tournament held at NIT Surathkal from 18th to 20 January.
2018-19	<ul style="list-style-type: none"> • Participation in Inter NIT basketball tournament at NIT Trichy. • Participation in Inter NIT Kabbadi tournament at NIT Surthakal. • Participation in State University championship of cricket football, badminton and Table Tennis at Jammu University. • Participation in Inter NIT Badminton and Basketball tournament at NIT Warangal. • Participation in Open Hockey tournament at Baramulla Kashmir • Participation in Inter NIT Weight Lifting” Power Lifting” Best Physique and Swimming tournament at NIT Surathkal. • Participation in Inter NIT Basketball tournament at NIT Trichy.

SUMMARY:

Sub-Criterion	Maximum Score	Obtained/Claimed Score
4.1	20	20
4.2	20	12.44
4.3	10	7.07
4.4	30	18.91
4.5	20	20
Total	100	78.42

Marks claimed: 78.42out of 100