

CRITERION 4	Students' Performance	100
Marks Claimed		69

Item	CAY	CAYm1	CAYm2
Sanctioned intake in the program (N)	103	92	79
Total no of admitted students in the first year minus no of students migrated to the other programs/ institutions, plus no of students migrated in the program (N1)	92	73	69
No of students admitted in the 2nd year in the same batch via lateral entry (N2)	NIL	NIL	NIL
Separate division students, if applicable (N3)	NIL	NIL	NIL
Total no of students admitted in the program (N1+N2+N3)	92	73	69

Table B.4a

CAY – Current Academic Year (2020-2021)

CAYm1 - Current Academic Year minus1 (2019-2020)

CAYm2 - Current Academic Year minus2 (2018-2019)

CAYm3 - Current Academic Year minus3 (2017-2018)

LYG - Last Year Graduate (2016-2017)

LYGm1 - Last Year Graduate minus1 (2015-2016)

LYGm2 - Last Year Graduate minus2 (2014-2015)

Year of Entry	N1+N2+N3 (As defined above)	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)			
		1 year	II year	III year	IV year
CAY	92				
CAYm1	73	31			
CAYm2	69	20	20		
CAYm3	57	17	10	10	
LYG	34	21	17	16	16
LYGm1	60	31	28	28	26
LYGm2	65	49	46	43	39

Table B.4b

Year of entry	N1+N2+N3 (As defined above)	Number of students who have successfully graduated [With backlog + without Backlog]			
		1 year	II year	III year	IV year
CAY	92				
CAYm1	73	70			
CAYm2	69	69	69		
CAYm3	57	54	54	53	
LYG	34	34	34	34	34
LYGm1	60	59	59	59	59
LYGm2	65	62	62	62	62

Table B.4c

4.1 Enrolment Ratio (20)**Claimed 18**Enrolment Ratio = $N1 / N$

Item (Students enrolled at the First Year Level on average basis during the period of assessment)	Marks
$\geq 90\%$ students enrolled	20
$\geq 80\%$ students enrolled	18
$\geq 70\%$ students enrolled	16
$\geq 60\%$ students enrolled	14
Otherwise	0

	N (from first table)	N1 (from first table)	Enrolment Ratio = (N1 / N)
2020 - 2021	103	92	0.89
2019 - 2020	92	73	0.79
2018 - 2019	79	69	0.87
Average			0.85

4.2 Success Rate in the stipulated period in the program (20)**Claimed 12.35****4.2.1 Success rate without backlogs in any semester/ year of study (15)****Claimed 7.5**

SI = (Number of students who have graduated from the program without backlog) / (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

Success rate without backlogs in any semester = $15 \times$ mean of success index (SI) for past three batches

SI = (No of students who graduated in the program in stipulated period of course duration) / (No of students admitted in the first year of that batch and admitted in 2nd year via lateral entry)

Items	LYG	LYGm1	LYGm2
No of students admitted in the corresponding 1 st year + admitted 2 nd year via lateral entry and separate division, if applicable	34	60	65

No of students who have graduated without backlogs in the stipulated period	16	26	39
Success Index(SI)	0.47	0.43	0.60

Table B.4.2.1

Average SI = 0.50

Success rate = $15 \times 0.50 = 7.5$ **4.2.2 Success rate with backlogs in stipulated period of study (5)****Claimed 4.85**

SI = (Number of students who have graduated from the program in the stipulated period of course duration)/(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

Success rate = $5 \times$ mean of success index (SI) for past three batches

Items	LYG	LYGm1	LYGm2
No of students admitted in the corresponding 1 st year + admitted 2 nd year via lateral entry and separate division , if applicable	34	60	65
No of students who have graduated with backlogs in the stipulated period	34	59	62
Success Index(SI)	1.00	0.98	0.95

Table B.4.2.2

Average SI = 0.97

Success rate = $5 \times 0.97 = 4.85$ **4.3 Academic Performance in Second Year (10)****Claimed 6.05**

Academic performance = Average API (Academic Performance Index)

Where API = ((Mean of second year grade point average of all successful students on a 10 points scale) or (Mean of the percentage of marks of all successful student in second year/10)) * (no of successful students/ no of students appeared in the examination))

Successful students are those who are permitted to proceed to the third year:

Academic performance	CAYm1	CAYm2	CAYm3
Mean of SGPA or percentage of all successful students(X)	7.12	7.14	7.54

Total no of successful students(Y)	66	44	25
Total no of students appeared in the examination(Z)	69	54	34
API = X*(Y/Z)	6.81	5.81	5.54
Average API = (AP1+AP2+AP3)/3	6.05		

Table B.4.3

4.4 Placement and Higher Studies, Entrepreneurship (30)

Claimed 12.6

Assessment Points = 30×Average placement

Items	LYG	LYGm1	LYGm2
Total no of final year students(N)	34	59	62
Students placed in companies/ Government Sector (X)	10	19	18
Students admitted in higher studies with valid qualifying scores (GATE/ equivalent State/ National Level Tests, GRE, GMAT etc.) (Y)	5	6	8
Students turned entrepreneur in engg/tech(Z)	0	0	0
Total = (X+Y+Z)	15	25	26
Placement Index =(X+Y+Z)/ N	0.44	0.42	0.41
Average Assessment Points (P1+P2+P3)/3	0.42		

Table B.4.4

4.5 PROFESSIONAL ACTIVITIES (20)

Claimed 20

4.5.1 Professional societies / chapters and organizing engineering events (5)

Claimed 5

(Instruction: The institution may provide data for past three years).

2017-18	<ul style="list-style-type: none"> One week workshop “Connecting people to nature One week STC on “Process Control” One day national conference on “Recent innovations in science, technology and engineering at NIT Srinagar.
2018-19	<ul style="list-style-type: none"> Student chapter, IChE

4.5.2 Publication of technical magazines, newsletters, etc. (5)**Claimed 5**

1. Malik parvez Ahmed, Naveed Ahsan Bhat, Dawood Rasid, Divyanshu Gupta, Kunal Sopori, Effect on heat transfer by using nanofluids comprising Al₂O₃ and CuO, 3rd international conference on RTAET at Mata Vashno Devi University, Katra, J&K, India (25-26 October 2018).
2. Malik parvez Ahmed, Aqib Ashraf, Aamir Suhail Khatana, Hindaal Mustafa, Modification of CO₂ Capture Techniques by Carbon Nanotubes: A Review, Journal of Energy Research and Environmental Technology, Volume 5, Issue 3, pp 86-88, 2018.

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

2017-18	<ul style="list-style-type: none"> • 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.
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.