

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	34	60	65

separate division , if applicable			
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 $API = ((\text{Mean of second year grade point average of all successful students on a 10 points scale}) \text{ or } (\text{Mean of the percentage of marks of all successful student in second year}/10)) * (\text{no of successful students} / \text{no of students appeared in the examination})$

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 12.3**

Assessment Points = $30 \times \text{Average placement}$

Items	LYG	LYGm1	LYGm2
Total no of final year students(N)	34	59	62
Students placed in companies/ Government Sector (X)	7	16	21
Students admitted in higher studies with valid qualifying scores (GATE/ equivalent State/ National Level Tests, GRE, GMAT etc.) (Y)	7	9	5
Students turned entrepreneur in engg/tech(Z)	0	0	0
Total = $(X+Y+Z)$	14	25	26
Placement Index = $(X+Y+Z)/ N$	0.41	0.42	0.41
Average Assessment Points $(P1+P2+P3)/3$	0.41		

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.
3. NIT Srinagar annual institute magazine (SABZAR 2019-2020)

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"> All India inter NIT cricket (boys)/ swimming (Boys/Girls) tournament, NIT Rourkela (January 2017) 5th place in Cricket Coaching camp for boys and girls in chess and table tennis NIT Srinagar (March 2017) All the students of NIT participated All India inter NIT table tennis (Boys/Girls) and chess (Boys/Girls) tournament at NIT Srinagar NIT Srinagar (April 2017) Winner TT (boys), chess runner up (girls) and TT (girls) 2nd runner up IST State championship of cricket (boys), football (boys) and basketball (boys). Jammu University (April 2017) Runner up basketball 4th place in cricket, Summer state basketball league Indoor Stadium 2017 Runner up Inter semester spring tournament in all games (Boys and Girls) NIT Srinagar (May 2017) All the students of NIT participated Yoga Day, NIT Srinagar (June 2017), All the students of NIT participated Open badminton tournament (boys), NIT Srinagar (August September 2017), All the students of NIT participated Inter semester autumn tournament in all games (boys and girls), NIT Srinagar (September 2017), All the students of NIT participated Club Activities, NIT Srinagar (September 2017), All the students of NIT participated Rashtriya Ekta Diwas, NIT Srinagar (October 2017), All the students of NIT participated Open tennis ball cricket/cosco cricket tournament, NIT Srinagar (October 2017),
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	<p>All the students of NIT participated</p> <ul style="list-style-type: none"> • Cricket tournament with Government dental institute Srinagar, NIT Srinagar (November 2017), Winner • All India inter NIT Kabaddi (Boys), NIT Surathkal (January 2018), Participation • All India inter NIT Badminton (Boys./Girls) and Basketball (Boys) tournament at Warangal, NIT Warangal (January 2018), 4th place in basketball , 5th place in badminton • 2nd State championship of cricket (boys), football (boys), badminton (boys) and table tennis (boys)., Jammu University (April 2018), Winner in table tennis, 3rd place in badminton, 3rd place in cricket • Inter semester tournament in all games (boys and girls), NIT Srinagar (May 2018) All the students of NIT participated • International yoga day, NIT Srinagar (June 2018), All the students of NIT participated • Open cosco cricket tournament August 2018, All the students of NIT participated • Inter semester autumn tournament in all games (boys and girls), NIT Srinagar (September 2018), All the students of NIT participated • Open hockey tournament , Baramulla Kashmir September 2018, Participation • Rashtriya Ekta Diwas, NIT Srinagar (October 2018), All the students of NIT participated
2018-19	<ul style="list-style-type: none"> • All India inter NIT Badminton (Boys./Girls) abd Basketball (Boys) tournament at NIT Trichy, NIT Trichy (February 2019), 5th place in Badminton • Inter hostel tournament in badminton, volleyball and basketball, NIT Srinagar (March 2019), All the students of NIT participated • Yoga and marathon run, NIT Srinagar (March 2019), All the students of NIT participated • Inter semester spring tournament in all games (Boys and Girls), NIT Srinagar (April 2019), All the students of NIT participated • Tournament of power lifting and strength(push up, pull up, arm wrestling), NIT Srinagar (May 2019), All the students of NIT participated • 1st Syed Mantaqi RA invitation basketball tournament, IUST Awantipora (May 2019), Runner up • Club Activities, NIT Srinagar (June 2019), All the students of NIT participated • International Yoga Day, NIT Srinagar (21st June 2019), All the students of NIT participated • IIT Mandi (Athletics), IIT Mandi (October 2019), 5000m Gold medal 1500m Silver medal 800m silver medal
2019-20	<ul style="list-style-type: none"> • All India inter NIT Kabaddi (Boys) and Basketball (Boys) tournament at NIT Surathkal , NIT Surathkal (January 2020), Participation • All India inter NIT Athletic meet (Boys/Girls), NIT Rourkela (January 2020), 5000m Gold medal 1500m Bronze medal • Fit India Freedom Run, NIT Srinagar (September 2020), Faculty/Students of NIT. • All India inter NIT weight lifting, power lifting, best physique & swimming tournament at NIT Surathkal, NIT Surathkal (January 2020), 2nd place