CRITERION 4	STUDENTS' PERFORMANCE	71.89/100

4. STUDENTS' PERFORMANCE (100)
4.1 Enrolment ratio (20)

Table 4.1   **Claimed: 20**

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 *minus* number of students migrated to other programs/institutions plus no. of students migrated to this program ($N1$)	111	88	80
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	88	80

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)	88	43			
CAY m2 (2018-2019)	80	46	29		
CAY m3 (2017-2018)	67	35	32	28	
CAY m4 (2016-2017)	51	32	25	25	25
CAY m5 (2015-2016)	74	45	37	34	34
CAY m6 (2014-2015)	74	62	44	44	44

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)	88	84			
CAY m2 (2018-2019)	80	78	77		
CAY m3 (2017-2018)	67	64	64	59	
CAY m4 (2016-2017)	51	51	48	48	48
CAY m5 (2015-2016)	74	73	73	73	66
CAY m6 (2014-2015)	74	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 (Students enrolled at the First Year Level on average basis during the last threeyears starting from current academic year)	Marks
>=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	88	89.80
CAYm2: 2018-2019	84	80	95.24
Average = [(ER1 + ER2 + ER3)/3]	94.42		

4.2. Success rate in the stipulated period of the program (20)

Claimed: 12.31

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

Claimed: 7.72

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

Table 4.5

Item	LYG 2016-2020	LYG m1 2015-2019	LYG m2 2014-2018
Number of students admitted in the corresponding First Year + admitted in 2nd year via lateral entry and separate division, if applicable (X)	51	74	74
Number of students who have graduated without backlogs in the stipulated period (Y)	25	34	44
Success Index (SI=Y/X)	SI1=0.49	SI2=0.459	SI3=0.59
Average SI = [(SI1 + SI2 + SI3) / 3]	0.51		
Success rate without backlogs in any year of study= 15 X (Average SI)	15 X 0.52 = 7.72		

4.2.2. Success rate in stipulated period (With and Without Backlog) (5) | **Claimed: 4.587**

SI= (Number of students who 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.

Table 4.6

Item	LYG 2016-2020	LYG m1 2015-2019	LYG m2 2014-2018
Number of students admitted in the corresponding First Year + admitted in 2nd year via Lateral entry and separate division, if applicable(X)	51	74	74
Number of students who have graduated in the stipulated period(Y)	48	66	68
Success Index (SI=Y/X)	SI1=0.941	SI2=0.892	SI3=0.919
Average SI = [(SI1 + SI2 + SI3) /3]	0.917		
Success rate = 5 X Average SI	5 X 0.917 = 4.587		

4.3. Academic performance in second year (10) | **Claimed: 6.28**

API = ((Mean of 2nd Year 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 2019-2020	CAYm2 2018-2019	CAY m3 2017-2018
Mean of CGPA or Mean Percentage of all successful students (X)	7.129	5.98	5.73
Total no. of successful students (Y)	77	64	48
Total no. of students appeared in the examination (Z)	77	64	48
API = X* (Y/Z)	AP1= 7.13	AP2= 5.98	AP3= 5.73
Average API= [(AP1 + AP2 + AP3)/3]	6.28		

4.4. Academic Placement, higher studies and entrepreneurship (30)

Claimed: 13.30

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)	10	28	28
No. of students admitted to higher studies with valid qualifying scores (GATE or equivalent State or National Level Tests, GRE, GMAT etc.) (Y)	09	02	10
No. of students turned entrepreneur in engineering/technology (Z)	0	0	0
X+Y+Z	19	30	38
Placement Index :(X + Y + Z)/N	P1= 0.40	P2= 0.41	P3= 0.52
Average placement = [(P1 + P2 + P3)/3]	0.443		
Assessment Points = [30 × average placement]	13.30		

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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	- Established a Society of Automotive EngineersSAEINDIA collegiate club at NIT Srinagar. - Seven Lac rupees sanctioned for SAEINDIA club. - StartedAmerican Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) chapter (Student Branch) at NIT Srinagar for advancing the arts and sciences of HVAC&R to serve humanity and promote a sustainable world. - Two day's workshop on "Data Analytics" by IIED Centre NIT Srinagar in collaboration with skill IT Hydrabad. - 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. - Students of NIT Srinagar (IIED Center) organized a one-day seminar on "Importance of International certification in Design, automation and IT Industries" in association with CEPTA INFOTECH PVT. LTD. - An expert lecture is organized on dated 04-04-2018 for B.Tech. & M. Tech. students of NIT Srinagar by IIED Centre. - Two day'sexpert lecture is organized for students of NIT Srinagar funded by TEQIP-III.
2018-19	- Organized Techvaganza 2019 by EED Students, NIT Srinagar (Kafeel Rabbani as a Head Convener, Gaurangi Chaudhary as a Cultural Conveners and Ubaid Bashir Wani as a Public Relations Head). - Started IEEE Students Chapter at NIT Srinagar. - StartedIET Student Chapter at NIT Srinagar. - Started Departmental Magazine/Newsletter in the Department of Electrical Engineering.

	• Started Electrical student club to develop hardware projects and innovation in the area of Electrical Engineering. • Started Electrical Engineering Student Society 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. • Organized 2 day's workshop on M-CAD for the 1st & 2nd year students of under SKILL DEVELOPMENT CLUB at NIT Srinagar funded by TEQIP-III. • A twinning activity of (plan 2) of 1.3 (IIT Kharagpur) institution in concurrence with the 1.1 (NIT Srinagar) institution is organized a lecture series for the students of NIT Srinagar underTEQIP-III from 6th to 8th April 2019. • A twinning activity of (plan 2) of 1.3 (IIT Kharagpur) institution in concurrence with the 1.1 (NIT Srinagar) institution is organized a lecture series for the students of NIT Srinagar under TEQIP-III from 17th to 19th May 2019.
2019-2020	• Organized 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. (Mr Ayush Kumar, EED student is one of the Organizing member). • Organized a "WIZARDY BRAINS (Quiz Competition)" by IEEE Student Branch, NIT Srinagar. • Organized a workshop on topic "How to Write a Professional Resume/CV" by IEEE Student Branch, NIT Srinagar in collaboration with PGCIL. (Mr Mohammad Salik, EED student is one of the Organizing member). • Organized a debate competition on topic "What should be the effective tools to curb corruption in India by IEEE Student Branch, NIT Srinagar. • Estimated budget of 30,000/- for hosting events by EED Society. • Orientation programme for 1st year 2019 entry batch EED-UG and PG students on Nov 2019.

4.5.2 Publication of technical magazines, newsletters, etc. (05) | Claimed: 5 |

- NIT Srinagar annual institute magazine (SABZAR 2019-2020)
    i.   Md. Iqbal Malik (2018 Batch, EED) published an article entitled "SUFISM: THE ONLY RAY OF HOPE" in SABZAR 2019-2020 (pages: 58-59).
    ii.   Aakriti Verma (2018 Batch, EED) publish a poem in Hindi entitled "YAHAN BADE RANG HAIN" in SABZAR 2019-2020 (Page 160).
    iii. Subham Kumar Chaturvedi (2018 Batch, EED) publish a poem in Hindi entitled "KALPANA KI KALPANA" in SABZAR 2019-2020 (Page 161).
    iv.   Roman Wani (2017 Batch, EED) publish an article entitled "SCHOOL TO COLLEGE,LIFE CHANGED!" in SABZAR 2019-2020 (page: 74).
    v.   Gyanendra Tiwari (2017 Batch, EED) publish an article entitled "SILENCE" in SABZAR 2019-2020 (page: 79).
    vi.   Javaid Reshi (2016 Batch, EED) publish an article entitled "DREAMS OF YOUTH AND NIT SRINAGAR" in SABZAR 2019-2020 (pages: 64-65).
- Placement Brochure 2020-2021
- Research and Development Newsletter (The Pulse 2020)
- Annual Report 2020, IIEDC, NIT Srinagar
- Departmental Newsletter (The EED Bulletin 2019)
- Research and Development Newsletter 2017 (Inaugural Issue)

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

Table 4.10 | Claimed: 10 |

Technical Events	
2017-18	• Participation in E-summit organized by NIT Srinagar under TEQIP-III. • Participation in the "Festival of Inovation and Entrepreneurship 2018" held at exhibition area, Sports ground Rastripati Bhawan. • Participation in National level all terrain vehicle racing event. • Participation in National level rally car design challenge 2018.
2018-19	• Participation in Tevaganza 2019 organized by NIT Srinagar. • Shubham Kumar Chaturvedi won 1st Prize in IDEA CHALLENGE 2018 organised by IIED Centre for innovation and prototype of "Food Grain Washer and Water Purifier Machine" on 7th October 2018. • Shubham Kumar Chaturvedi won 3rd prize and 4 incubation offers in STARTUP INDIA competition organised by JKEDI for innovation in INNOVATIVE TECHNOLOGY on 19th October 2018. • Shubham Kumar Chaturvedi along with nine others students of different institutes 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. • Won "10 for 10 Typhoon HIL Award" from Switzerland, Europe on April 08, 2019.
2019-20	• 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. • Mr. S Shriram has been awarded third position in "Face-off the Debate" on the topic, 'Whether Technology is taking the world to a safer zone or a disaster' held by IEEE Student Branch, NIT Srinagar. • Mr. Inayat Manzoor has been awarded first position in the quiz competition "Wizardy Brains" held by IEEE Student Branch, NIT Srinagar. • Ms. Sanna Showket has been awarded first position in the debate competition organized by Power Grid Corporation of India Limited in association with the IEEE Student Branch NIT Srinagar on the topic "What should be the effective tools to curb corruption in India?".

Table 4.11

Sports Events	
2017-18	• Participation in all India Inter NIT Cricket and Swimming tournament at NIT Rourkela (January 2017). • Secure 5th place in Cricket. • Participated in Coaching Camp for Boys & Girls in Chess & Table Tennis at NIT Srinagar. (March 2017). • Participation in All India Inter NIT Table Tennis (Boys/Girls) and Chess (Boys/Girls)tournament at NIT Srinagar (April 2017). • Winner of All India Inter NIT Table Tennis (Boys) and Runner up of Chess (Girls) and TT (Girls) 2nd runner up. • Participation in state universities championship of Cricket (Boys), Football (Boys) and Basketball (Boys) tournament at Jammu University (April 2017).

	• Runner up ofBasketball (Boys) and 4th Place in Cricket.
	• Participation in Summer Basketball League at Indroor Stadium (2017).
	• Runner up of Summer Basketball League at Indroor Stadium.
	• Participation in Inter-Semester Spring Tournament in all Games (Boys & Girls) at NIT Srinagar (May 2017).
	• Participation in Yoga Day at NIT Srinagar (June 2017).
	• Participation in Open Badminton (Boys) Tournament at NIT Srinagar (Aug-Sept 2017).
	• Participation in Inter-Semester Autumn Tournament in all Games (Boys & Girls) at NIT Srinagar (Sept. 2017).
	• Participation in Club Activities at NIT Srinagar (Sept. 2017).
	• Participation in Rashtriya Ekta Diwas at NIT Srinagar (Oct. 2017).
	• Participation in Open Tennis Ball Cricket/Cosco Cricket Tournament at NIT Srinagar (Oct. 2017).
	• Participation in Inter institute tri series of T20 cricket tournament with Government Dental College Srinagar at NIT Srinagar (Nov. 2017).
	• Winner of tri series of T20 cricket tournament with Government Dental College Srinagar at NIT Srinagar.
	• Participation in All India Inter NIT Basketball (Boys) and Badminton (Boys/Girls) tournament held at NIT Warangal (Jan 2018).
	• Secured 4th Place in Basketball (Boys) and 5th Place in Badminton.
	• Participation in the 2nd state Universities Sports Championship 2018 of Cricket (Boys), Football (Boys) and Badminton (Boys)and Table Tenis (Boys) held at University of Jammu (April 2018).
	• Winner of Table Tenis, 3rd Place in Badminton and 3rd Place in Cricket.
	• Participation in Inter-Semester Spring Tournament in all Games (Boys & Girls) at NIT Srinagar (May 2018).
	• Participation in International Day of Yoga at NIT Srinagar (June 2018).
2018-19	• Participation in Open Cosco Cricket Tournment at NIT Srinagar (Aug 2018).
	• Participation in Inter-Semester Autumn Tournament in all Games (Boys & Girls) at NIT Srinagar (Sept. 2018).

	• Participation in Open Hockey tournament at Baramulla Kashmir (Sept. 2018). • Participation in Rashtriya Ekta Diwas at NIT Srinagar (Oct. 2018). • Participation in all India Inter NIT Kabaddi (Boys) and Football (Boys) tournament at NIT Rourkela (January 2019). • Participation in all India Inter NIT Badminton (Boys/Girls) and Basketball (Boys) tournament at NIT Trichy (Feb 2019). • Secure 5th Place in Badminton. • Participation in Inter Hostel Badminton, Volleyball and Basketball tournament at NIT Srinagar (March 2019). • Participation in Yoga and Marathon run at NIT Srinagar (March 2019). • Participation in Inter-Semester Spring Tournament in all Games (Boys & Girls) at NIT Srinagar (May 2019). • Participation in 1st Syed Mantaqi R.A Invitation Basketball Tournament at IUST Awantipora (May 2019). • Participation in International Day of Yoga at NIT Srinagar (June 2019).
2019-20	• Participation in Club Activities at NIT Srinagar (Sept. 2019). • Participation in Athletics at IIT Mandi (Oct. 2019). • Won 5000m Gold Medal; 1500m Silver Medal and 800m Silver Medal. • Participation in All India Inter NIT Kabaddi (Boys) and Basketball (Boys) tournament at NIT Surathkal (Jan 2020). • Participation in All India Inter NIT Athletic Meet (Boys/Girls) at NIT Rourkela (Jan 2020). • Won 5000m Gold Medal; 1500m Bronze Medal. • Participation in Fit India Freedom Run at NIT Srinagar (Sept. 2020).

SUMMARY:

Sub-Criterion	Maximum Score	Obtained/Claimed Score
4.1	20	20
4.2	20	12.31
4.3	10	6.28
4.4	30	13.30
4.5	20	20
Total	**100**	**71.89**

Marks claimed: 71.89 out of 100