

<b>CRITERION 4</b>	<b>Student's Performance</b>	<b>71.46/100</b>
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**4.1 Enrolment Ratio**

**(20/20)**

Item (Information to be provided cumulatively for all the shifts with explicit headings, wherever applicable)	CAY (2020-21)	CAYm1 (2019-20)	CAYm2 (2018-19)
Sanctioned intake strength in the program (N)	117	97	85
Total number of admitted students in first year minus number of students migrated to other programmes at the end of 1st year (N1)	113	95	83
Number of admitted students in 2 <sup>nd</sup> year in the same batch via lateral entry (N2)	0	0	0
Separate division students, if applicable (N3)	0	0	0
Total number of admitted students in the programme $N = (N1 + N2 + N3)$	113	95	83

*Table B.4a*

**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**

Year of entry (in reverse chronological order)	$N1 + N2 + N3$ (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)			
		I Year	II Year	III Year	IV Year
<b>2020-21</b>	113				
<b>2019-20</b>	95	43			
<b>2018-19</b>	83	43	31		
<b>2017-18</b>	73	50	40	40	
<b>2016-17</b>	56	46	32	30	30
<b>2015-16</b>	76	54	41	34	32
<b>2014-15</b>	75	65	52	47	46

*Table B.4b*

Year of entry (in reverse chronological order)	N1 + N2+N3 (As defined above)	Number of students who have successfully graduated (Students with backlog in stipulated period of study)			
		I Year	II Year	III Year	IV Year
2020-21	113				
2019-20	95	95			
2018-19	83	82	82		
2017-18	73	73	73	73	
2016-17	56	55	54	54	54
2015-16	76	74	73	72	64
2014-15	75	75	75	75	75

Table B.4c

Enrolment ratio =N1/N

Item (Students enrolled at the First Year Level on average basis during the last three years starting from current academic year)	Marks
>=90% students enrolled (96%)	20

Table B.4.1

4.2. Success Rate in the stipulated period of the program

(12.47/20)

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

(7.8/15)

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

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

Success rate without backlogs in any semester/year of study = 15 × Average SI

Item	LYG (2016-20) (CAYm4)	LYGm1 (2015-19) (CAYm5)	LYGm2 (2014-18) (CAYm6)
Number of students admitted in the corresponding first year+ admitted via lateral entry in 2nd year	56	76	75
Number of students who have graduated without backlogs in the stipulated period	30	32	46
Success index (S1)	0.53	0.42	0.61
Average success index	0.52		
Success rate	7.8		

Table B.4.2.1

**4.2.2. Success rate with backlog in stipulated period of study (4.67/5)**  
 $SI = (\text{Number of students who have graduated from the program in the stipulated period of course duration}) / (\text{Number of students admitted in the first year of that batch and admitted in 2nd year via lateral entry and separate division, if applicable})$

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

*Success rate without backlogs in any semester/year of study = 5 × Average SI*

Item	LYG (2016-20) (CAYm4)	LYGm1 (2015-19) (CAYm5)	LYGm2 (2014-18) (CAYm6)
Number of students admitted in the corresponding first year+ admitted via lateral entry in 2nd year	56	76	75
Number of students who have graduated with backlogs in the stipulated period	54	64	75
Success index (SI)	0.96	0.84	1
Average Success index	0.93		
Success rate	4.67		

**Table B.4.2.2**

**4.3 Academic Performance in Second year: (4.08/10)**

*Academic Performance = Average API (Academic Performance Index), where*

$API = (\text{Mean of 2nd Year Grade Point Average of all successful Students on a 10-point scale}) \text{ or } (\text{Mean of the percentage of marks of all successful students in Second Year}/10) \times (\text{number of successful students}/\text{number of students appeared in the examination})$

*Successful students are those who are permitted to proceed to the Third year.*

Academic Performance	CAYm1 2019-20	CAYm2 2018-19	CAYm3 2017-18
Mean of CGPA or Mean Percentage of all successful students(X)	7.61	7.68	7.12
Total no. of successful students (Y)	40	32	41
Total no. of students appeared in the examination (Z)	73	56	76
API = X* (Y/Z) AP1 AP2 AP3	4.10	4.37	3.77
Average API = (AP1 + AP2 + AP3)/3	4.08		

**Table B.4.3**

**4.4 Placement, Higher Studies and Entrepreneurship**

**(14.91/30)**

Assessment Points =  $30 \times$  average placement

Item	CAYm1 2019-20	CAYm2 2018-19	CAYm3 2017-18
<b>Total No. of Final Year Students (N)</b>	54	72	75
<b>No. of students placed in companies or Government Sector (x)</b>	20	32	27
<b>No. of students admitted to higher studies with valid qualifying scores (GATE or equivalent State or National Level Tests, GRE, GMAT etc.) (y)</b>	5	12	4
<b>No. of students turned entrepreneur in engineering/technology (z)</b>	0	0	1
<b>x + y + z =</b>	25	44	32
<b>Placement Index: <math>(x + y + z)/N</math></b>	0.46	0.61	0.42
<b>Average placement = <math>(P1 + P2 + P3)/3</math></b>	0.49		
<b>Assessment Points = <math>30 \times</math> average placement</b>	14.91		

*Table B.4.4*

**4.5 Professional Activities**

**(20/20)**

**4.5.1 Professional societies / chapters and organizing engineering events**

**(5/5)**

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

**A. Availability and activities of professional society and chapters**

**(3/3)**

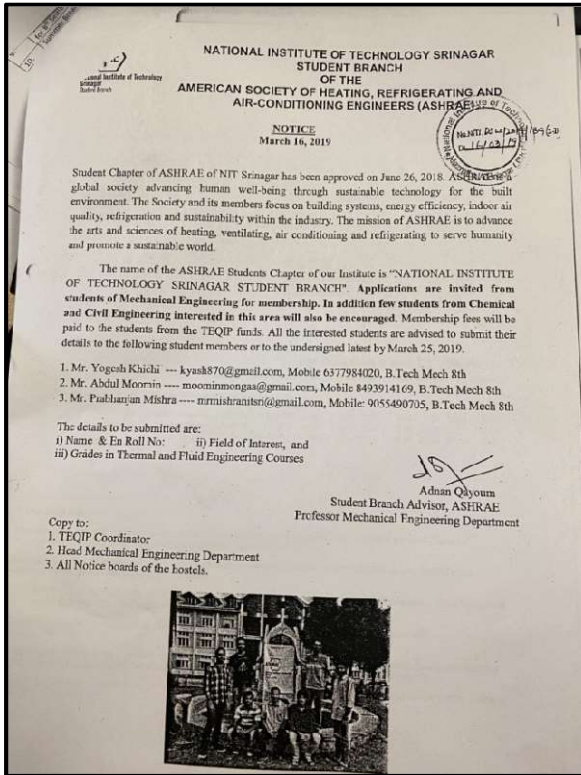
*i. ASHREA*

*ii. SAE India*

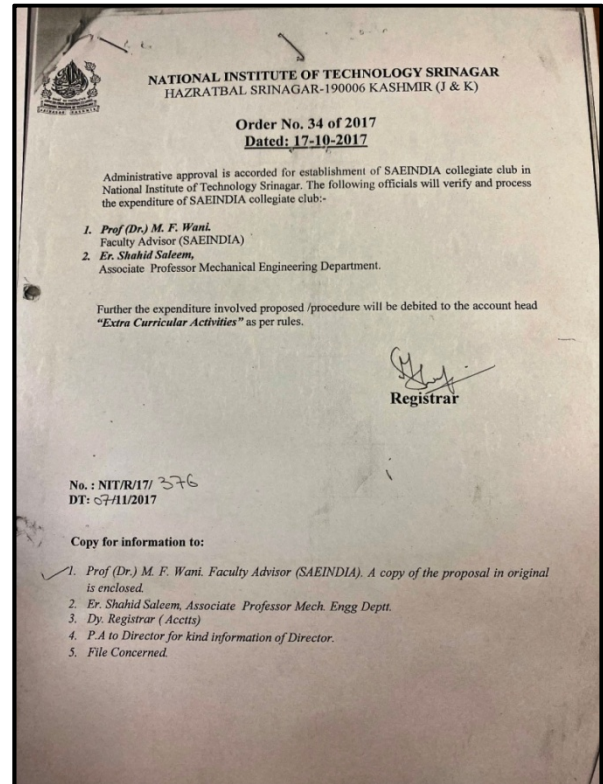
*iii. IEEE*

*iv. IET*

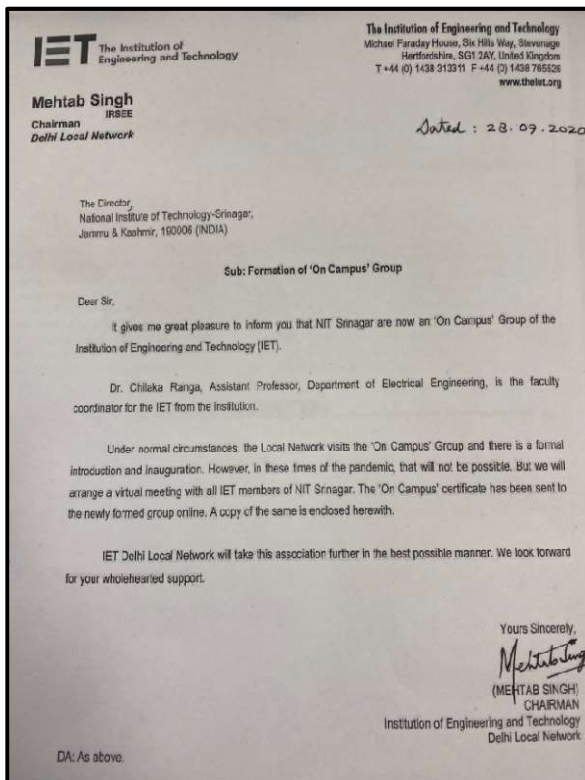
*v. Go Kart*



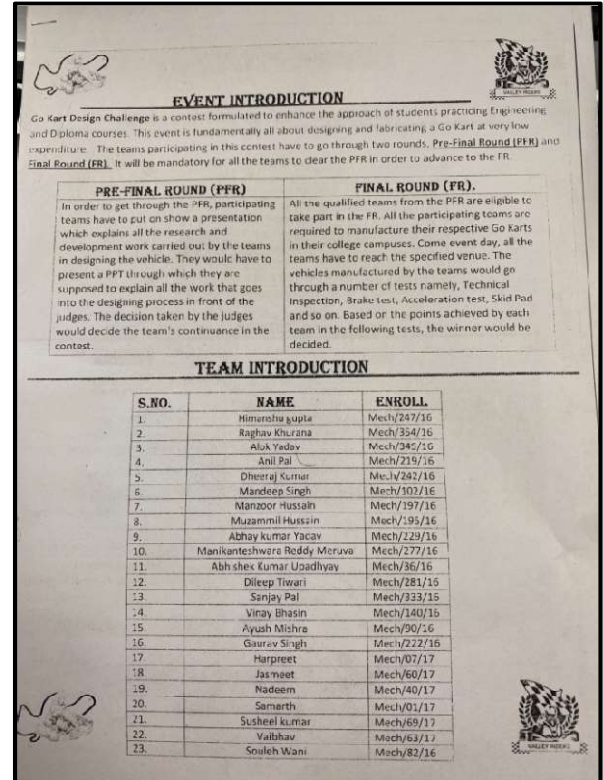
(a)



(b)



(c)



(d)

Figure 4.1 Proof of membership (a) Student chapter of ASHREA, (b) SAE India, (c) Formation of Campus group IET and (d) Go-Kart design challenge and Team Introduction

**B. Number, quality of engineering events (Levels: Institute/State/National/International) (2/2)**

<p><b>2016-17</b></p>	<ul style="list-style-type: none"> <li>• <b>Student Participation in “NEC” event at IIT Bombay.</b></li> <li>• <b>Two days “Robotic Training Programme” by IIED Centre, NIT Srinagar.</b></li> <li>• <b>Workshop cum National level championship in “Robotics” held at NIT Srinagar (Zonal Centre)</b></li> <li>• <b>Two days training workshop on “Internet of Things (IOT) in association with nvision IIT Hyderabad under IIED centre, NIT Srinagar.</b></li> </ul>
<p><b>2017-18</b></p>	<ul style="list-style-type: none"> <li>• Seminar on “Importance of International certification in design, automation and IT industries” in association with CEPTS Infotech Pvt. Ltd.</li> <li>• Interaction Programme with Sri Robin Kumar Bagchi, Director National Institute of Secondary Steel Technology, Mandi.</li> <li>• Student Participation in the “Festival of Inovation and Entrepreneurship 2018” held at Rastrapati Bhawan.</li> <li>• Student Participation in workshop on “Data Analytics” by IIED Centre NIT Srinagar.</li> <li>• Five days workshop on “Project Planning and Control” with primavera by IIED Centre NIT Srinagar.</li> <li>• Event held on the topic of “TOD, FOD and JOD” Programme by IIED Centre NIT Srinagar.</li> <li>• Two day lecture on “Research Methodology” by Prof. Noe G Alba Baena, Mexico from 24-25 May 2018.</li> <li>•</li> </ul>
<p><b>2018-19</b></p>	<ul style="list-style-type: none"> <li>• Student Participation in “Meshmerze competition of Tech Fest “Organized by IIT Bombay.</li> <li>• Two days work Shop on M-CAD under skill development club by IIED Centre NIT Srinagar.</li> <li>• Two days workshop on “E-Summit”” by IIED Centre NIT Srinagar.</li> <li>• Expert lecture by Professor PallavBanarji (IIT Kharagpur) on “Nano</li> </ul>

	<p>Physics” Sponsored by TEQIP III NIT Srinagar</p> <ul style="list-style-type: none"> <li>Expert Lecture on “computer programming” by Prof. Sourav Mukhopadhyay, Department of computer science and Engineering Sponsored by TEQIP III NIT Srinagar</li> <li>STC on “Advance Materials Processing an Characterization” Sponsored by TEQIP III NIT Srinagar</li> </ul>
2019-20	<ul style="list-style-type: none"> <li>Quiz competition “Wizardi Brains” held by IEEE student Branch NIT Srinagar November 2019</li> </ul>

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

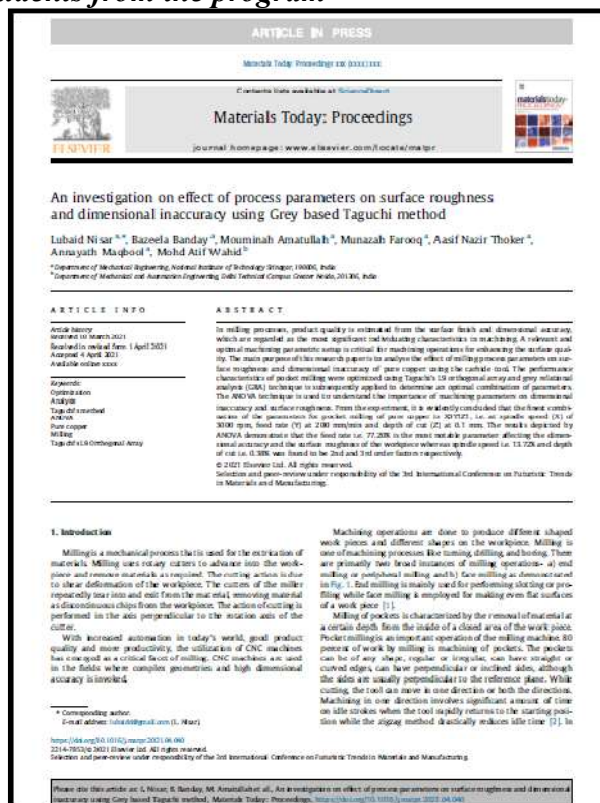
**A. Quality & Relevance of the contents and Print Material**

(3/3)

- i. NIT Srinagar annual college magazine Sabzar (2017)
- ii. NIT Srinagar annual college magazine Sabzar (2018)
- iii. NIT Srinagar annual college magazine Sabzar (2019)

**B. Participation of Students from the program**

(2/2)



**4.5.3 Participation in inter-institute events by students of the program of study**

(10/10)

**A. Events within the state**

(2/2)

<b>Sports Events</b>	
2017-18	<ul style="list-style-type: none"> <li>Participation in inert NIT Table Tennis and Chess tournament at</li> </ul>

	<p>NIT Srinagar</p> <ul style="list-style-type: none"> <li>• Participation in state universities championship of Cricket, football and basketball tournament at Jammu University</li> <li>• Participation in inert institute tri series of T20 Cricket and Basketball tournament at SSM College, Srinagar.</li> <li>• Inter institute tri series of t20 cricket tournament with Dental College Srinagar at NIT Srinagar.</li> </ul>
2018-19	<ul style="list-style-type: none"> <li>• Participation in State University championship of cricket football, badminton and Table Tennis at Jammu University</li> <li>• Participation in Open Hockey tournament at Baramulla Kashmir</li> <li>•</li> </ul>

*C. Events Outside the state*

(3/3)

<b>Technical Events</b>	
2016-17	<ul style="list-style-type: none"> <li>• Participation at Boeing National Aerodynamic Club</li> <li>• Participation in E-yatra robotic competition at IIT Bombay</li> </ul>
2017-18	<ul style="list-style-type: none"> <li>• Participation in E-summit (organized by IIT Bombay)</li> <li>• Participation in National level all terrain vehicle racing event</li> <li>• Participation in National level rally car design challenge 2018</li> <li>• Participation in E summit at IIT Bombay</li> </ul>
<b>Sports Events</b>	
2017-18	<ul style="list-style-type: none"> <li>• Participation in inert NIT Cricket and Swimming tournament at NIT Rourkela.</li> </ul>
2018-19	<ul style="list-style-type: none"> <li>• Participation in Inter NIT basketball tournament at NIT Trichy</li> <li>• Participation in Inter NIT Kabbadi tournament at NIT Surthakal.</li> <li>• Participation in Inter NIT Badminton and Basketball tournament at NIT Warangal.</li> <li>• Participation in Inter NIT Weight Lifting” Power Lifting” Best Physique and Swimming tournament at NIT Surathkal.</li> <li>• Participation in Inter NIT Basketball tournament at NIT Trichy</li> </ul>

*C. Prizes/awards received in such events*

(5/5)

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