

Criterion 10	Governance, Institutional Support and Financial Recourses	Max Marks 120 Claimed 120
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10.1. Organization, Governance and Transparency (55)

10.1.1. State the Vision & Mission of the Institute (5)

VISION OF THE INSTITUTE

To establish a unique identity of a pioneer technical Institute by developing a high-quality technical manpower and technological resources that aim at economic and social development of the nation as a whole and the region in particular keeping in view the global challenges.

MISSION OF THE INSTITUTE

M1. To create a strong and transformative technical educational environment in which fresh ideas, moral principles, research and excellence nurture with international standards.

M2. To prepare technically educated and broadly talented engineers, future innovators and entrepreneurs, graduates with understanding of the needs and problems of the industry, the society, the state and the nation.

M3. To inculcate the highest degree of confidence, professionalism, academic excellence and engineering ethics in budding engineer

10.1.2 Availability of Institutional Strategic Plan and its Effective Implementation and Monitoring (25)

The institute has prepared Vision Document for 15 years up-to 2025. The said document is placed as **Annexure-I**.

10.1.3 Governing body, administrative setup, functions of various bodies, service rules procedures, recruitment and promotional policies (10)

10.1.3.1. BOARD OF GOVERNORS:

<u>Chairman</u>	Nominated under Section 17(15) of the First Statutes of NIT Act 2007	Prof. Rakesh Sehgal Director National Institute of Technology Srinagar, Hazratbal, Kashmir-190006
<u>Ex-Officio</u>	Nomination under Section 11 of NIT Act, 2007 (29 of 2007) Clause (b)	Prof. Rakesh Sehgal Director National Institute of Technology Srinagar, Hazratbal, Kashmir-190006
Two persons not below the rank of the Joint Secretary to the Government of India to be nominated by the Central Government from amongst persons dealing with technical education and finance	(c)	Joint Secretary (NITs & DL), Ministry of Human Resource Development, Department of Secondary & Higher Education, Government of India, New Delhi
	(c)	Joint Secretary & FA, Ministry of Human Resource Development, Department of Secondary & Higher, Government of India, New Delhi
Two persons to be nominated by the Government of the State in which the Institute is situated, from amongst persons, who, in the opinion of that Government, are technologists or industrialists of repute	(d)	Commissioner Secretary, Higher & Technical Education Dept., Government of Jammu and Kashmir, Civil Secretariat, Srinagar / Jammu
	(d)	Awaited
Two persons, at least one of whom shall be a woman, having special knowledge or practical experience in respect of education, engineering or science to be nominated by the Council	(e)	Dr. Prema Ram Chandran Director, Nutrition Foundation of India, Delhi
	(e)	Awaited
One Professor and one Assistant Professor or a Lecturer of the Institute to be nominated by the Senate	(f)	Prof. Mohammad Farooq Wani Professor, Mechanical Engineering Department, National Institute of Technology Srinagar
	(f)	Dr. Mohammad Shafi Charoo Associate Professor, Mechanical Engineering Department, NIT Srinagar
The director of the IIT in whose zone the institute is located, or his nominee, not below the rank of a Professor.	(g)	Prof. Manoj Singh Gaur Director, IIT Jammu
<u>Member-Secretary</u>	Section 18 Clause (2)	Dr. S. K. Bukhari Registrar, National Institute of Technology Srinagar.

10.1.3.2. FINANCE COMMITTEE:

<u>Chairman</u>		Prof. Rakesh Sehgal Director, National Institute of Technology Srinagar, Hazratbal, Kashmir-190006
<u>Members:</u> Two persons nominated by the Central Government	1 2	Joint Secretary (NITs & DL), Ministry of Human Resource Development, Department of Secondary & Higher Education, Government of India, New Delhi Joint Secretary & FA, Ministry of Human Resource Development, Department of Secondary & Higher, Government of India, New Delhi.
Two persons nominated by the BOG from amongst its members	1 2	Prof. Mohammad Farooq Wani, Professor, Mechanical Engineering Department, National Institute of Technology Srinagar. Dr. Mohammad Shafi Charoo Associate Professor, Mechanical Engineering Department, NIT Srinagar
<u>Director</u> <u>(Ex-officio)</u>		Prof. Rakesh Sehgal Director, National Institute of Technology Srinagar, Hazratbal, Kashmir-190006
<u>Member Secretary</u> <u>(Ex-officio)</u>		Dr. S. K. Bukhari, Registrar, National Institute of Technology Srinagar

10.1.3.3. SENATE:

The Director, ex-officio, who shall be the Chairman of the Senate	Prof. Rakesh Sehgal Director, National Institute of Technology, Hazratbal, Srinagar-190006	Chairman
Three persons, one of whom shall be a woman, not being employees of the Institute, to be nominated by the Chairperson in consultation with the Director, from amongst educationists of repute, one each from the field of science, engineering and humanities;	Prof. Mehraj-ud-Din Vice-Chancellor, Central University of Kashmir, Srinagar (J&K)	Member
	Prof. S. K. Koul Professor, Centre for Applied Research in Electronics (CARE), Indian Institute of Technology, Hauz Khas, New Delhi.	Member
	Prof. Azra Nahid Kamili Dean Biological Sciences & HOD, Environmental Sciences, University of Kashmir	Member
One person to be nominated from the Industry	Mr. Deepak Bhasin B-134, Naraina Vihar, New Delhi.	Member
Institute alumnus	Er. Mufti Musharib Gul General Manager, BSNL Srinagar	Special Invitee
The Professors appointed or recognized as such by the Institute for the purpose of imparting instructions in the Institute.		Members
Such other members of the staff as may be laid down in the statutes.		Members
Registrar	Dr. S. K. Bukhari Registrar, National Institute of Technology Srinagar	Secretary

10.1.3.4. BUILDING AND WORKS COMMITTEE:

<u>Chairman</u>		Prof. Rakesh Sehgal, Director, National Institute of Technology Srinagar Hazratbal, Srinagar-190006
<u>Members:</u> Nominated by MHRD and IFD New Delhi	1	Director OR Deputy Secretary (NITs), MHRD, Department of Secondary & Higher Education, Government of India, New Delhi
	2	Director OR Deputy Secretary (Finance), Integrated Finance Division (IFD) MHRD, Government of India, New Delhi – 110 001
One person nominated by the Board of Governors		Mr. Fayaz A. Khan, Chief Town Planner, Kashmir
Dean, Planning & Development		Prof. B. A. Mir, Dean, Planning & Development, NIT Srinagar
Nominee of the CPWD / State PWD	1	Superintendent Engineer (Civil), Jammu Central Circle, Landoi Bridge, Satwari Jammu
	2	SE (Electrical), Special Invitee Chandigarh Central Electrical Circle-II, CPWD Chandigarh
	3	Executive Engineer (Civil), Special Invitee CPWD, Srinagar
	4	Executive Engineer, Electric Division 4th, J&K Government, PDD Srinagar
Secretary		Dr. S. K. Bukhari Registrar, National Institute of Technology Srinagar

10.1.3.5. Function and responsibilities of key bodies:

The functions of key bodies are depicted in table below:

Bodies	Functions and Responsibilities
Board of Governors	<ul style="list-style-type: none"> ❖ The Board shall be responsible for the general superintendence, direction and control of the affairs of the Institute. ❖ Take decision on questions of policy relating to the administration and working of the Institute ❖ Institute courses of study at the Institute ❖ Make statutes ❖ Institute and appoint persons to academic as well as other posts in the Institute ❖ Consider and modify or cancel ordinances ❖ Consider and pass resolutions on the annual report, the annual accounts and the budget estimates of the Institute for the next financial year as it thinks fit and submit them to the Council together with a statement of its development plans ❖ Exercise such other powers and perform such other duties as may be conferred or imposed upon it by this act or the statutes ❖ The Board shall have the power to appoint such committees, as it considers necessary for the exercise of its powers and the performance of its duties under this Act.
Finance Committee	<ul style="list-style-type: none"> ❖ Examine and scrutinize the annual budget of the Institute prepared by the Director and make recommendations to the Board ❖ Give its views and make its recommendations on any financial proposals or issues affecting the Institute to the Board either on the initiative of the Board or of the Director or on its own motion
Building and Works Committee	<ul style="list-style-type: none"> ❖ The Building and Works Committee shall under the directions of the Board carry on construction of all major works after the necessary administrative approval and expenditure sanction from the Board. ❖ Have the power to give the necessary administrative approval and expenditure sanction for minor works and works pertaining to repair and maintenance, within the approved budgetary provision of the Institute and the Board will define the minor work and minor repair and maintenance in terms of quantum or expenditure. ❖ Cause to prepare estimates of cost of buildings and other capital works, minor works, repairs, maintenance and the like. the Building and Works Committee shall approve the cost estimates for minor works, minor repairs and maintenance. ❖ Be responsible for making technical scrutiny of the design, estimates and specifications of the material as may be considered necessary. ❖ Be responsible for enlistment of suitable contractors and acceptance of tenders and shall have the power to give directions for departmental works where necessary duly recommended by the Dean (P&D) of the Institute. ❖ Have the power to settle rates not covered by tender and settle claims and disputes with contractors. ❖ In the opinion of the Chairman of the Building and Works Committee, any emergency has arisen which requires immediate action to be taken, he shall

	<p>take such action and report the same to the Building and Works Committee and the Board at their next meeting.</p> <ul style="list-style-type: none"> ❖ Shall also perform such function and exercise such powers as may be entrusted by the board from time to time.
<p>Senate</p>	<ul style="list-style-type: none"> ❖ Frame and revise curricula and syllabi for the courses of studies for the various Departments and Centres. ❖ Make arrangements for the conduct of examinations, appointment of examiners, moderators, tabulators and other matters relating to the examinations. ❖ Declare the results of the examinations or to appoint committees or Officers to do so and to make recommendations to the Board regarding conferment or grant of degrees, diplomas and other academic distinctions or titles. ❖ Appoint Advisory Committees or Expert Committees or both for the Departments or Centres of the Institute to make recommendations on academic matters connected with the working of the Departments or Centres. ❖ Appoint Committees from amongst the members of the Senate, other Teachers of the Institute an expert from outside to advice on such specific and important academic matters as may be referred to any such committee by the Senate. ❖ Consider the recommendations of the Advisory Committees attached to various Departments or Centres and that of Expert and other Committees and take such action (including the making of recommendations to the Board) as warranted by each case. ❖ Make periodical review of the activities of the Departments or Centres and take appropriate action (including the making of recommendations to the Board). ❖ Supervise the working of the Library of the Institute. ❖ Promote research and academic development or activity within the Institute and seek reports on such research or academic development or activity from the persons engaged therein. ❖ Provide for the inspection of the classrooms, laboratories, library and the Residential Hostels. ❖ Plan co-curricular activities of the students of the Institute. ❖ Award stipends, scholarships, medals and prizes and make other awards in accordance with such conditions as may be attached to the awards. ❖ Make recommendations to the Board to disseminate knowledge through distance learning mode to various parts of the State or country or abroad and in the cases of signing of agreement with the foreign agency, agreement may be signed with approval of the ministry. ❖ Make recommendations to the Board to disseminate knowledge through distance learning mode to various parts of the State or country or abroad. ❖ Invite up to two student representatives during discussion of general nature not involving policy or disciplinary matter in the Senate meetings.

10.1.3.6. Frequency, Participations details of External Members and Attendance of Board of Governors, Finance Committee, Building and Works Committee and Senate:

S. No.	Date of meetings	Academic Year	No. of participants (external members)	Total No. of participants
Board of Governors:				
1	06-03-2021	2020-21	05	09
2	18-01-2021	2020-21	04	09
3	28-09-2020	2019-20	04	09
4	07-07-2020	2019-20	05	10
5	29-06-2020	2019-20	05	11
6	14-03-2020	2019-20	04	08
7	21-12-2019	2019-20	04	08
8	19-10-2019	2019-20	03	08
9	28-06-2019	2019-20	04	08
10	28-05-2019	2019-20	05	09
11	14-12-2018	2018-19	04	08
12	29-09-2018	2018-19	03	07
13	14-03-2018	2017-18	02	06
14	21-11-2017	2017-18	03	07
15	19-06-2017	2017-18	03	07
Finance Committee:				
1	18-01-2021	2020-21	04	06
2	28-09-2020	2019-20	03	06
3	07-07-2020	2019-20	02	05
4	21-12-2019	2019-20	02	06
5	19-10-2019	2019-20	02	07
6	28-06-2019	2019-20	02	06
7	28-05-2019	2019-20	02	06
8	14-03-2019	2019-20	02	06
9	14-12-2018	2018-19	02	06
10	29-09-2018	2018-19	02	05
11	14-03-2018	2017-18	02	05
12	21-11-2017	2017-18	02	05
Building and Works Committee:				
1	20-12-2019	2019-20	03	06
2	27-05-2019	2019-20	06	10
3	28-09-2018	2018-19	05	09
4	01-11-2017	2017-18	05	10
Senate:				
1	20-10-2020	2019-20	04	45
2	14-01-2020	2019-20	02	38

3	29-04-2019	2019-20	03	48
4	08-08-2018	2018-19	05	47
5	27-12-2017	2017-18	01	42

10.1.3.7. Minutes of the meetings and action taken reports:

10.1.3.7.1. Minutes of the 102nd meeting of Board of Governors

National Institute of Technology Srinagar, Hazratbal, J&K
 Held on December 21, 2019 at 12.30 p.m. at C-15, Panchsheel Enclave,
 Near Chirag Delhi Flyover, New Delhi

The following were present:

1	Prof. Rakesh Sehgal, Director, National Institute of Technology Srinagar, Hazratbal, Kashmir-190006	Director / Chairman
2	Shri Madan Mohan Additional Director General, NITs, MHRD, Department of Higher Education, Government of India, New Delhi	Member
3	Mr. Talat Parvez, Commissioner / Secretary to Govt., Department of Higher Education, Government of Jammu and Kashmir, Civil Secretariat, Srinagar	Member
4	Mr. D. K. Singh, Deputy Secretary, Integrated Finance Division (IFD), MHRD, Department of Higher Education, Government of India, New Delhi	Member
5	Prof. Manoj Singh Gaur, Director, Indian Institute of Technology Jammu, J &K	Member
6	Prof. Mohammad Farooq Wani, Professor, Mechanical Engineering Department, National Institute of Technology Srinagar	Member
7	Dr. Mohammad Shafi Charoo, Associate Professor, Mechanical Engineering Department, NIT Srinagar	Member
8	Dr. Syed Kaiser Bukhari, Registrar, National Institute of Technology Srinagar	Secretary

Prof. A. Goswami, Professor & Twinning Coordinator, Mentor Institute, IIT Kharagpur did not attend the meeting:

Minutes of the 101th meeting of Board of Governors

National Institute of Technology Srinagar, Hazratbal, J&K
Held on October 19, 2019 at 12.00 noon. at C-15, Panchsheel Enclave,
Near Chirag Dili Flyover, New Delhi.

The following were present:

1	Prof. Rakesh Sehgal, Director, National Institute of Technology Srinagar, Hazratbal, Kashmir	Director/Chairman
2	Smt. Darshana Momaya Dabral IAS JS & FA, Ministry of Human Resource Development, Department of Higher Education, Government of India, New Delhi	Member
3	Shri Madan Mohan, Additional Director General NITs, Department of Higher Education, Ministry of Human Resource Development, Government of India, New Delhi.	Member
4	Mr. Talat Parvez, Commissioner / Secretary to Govt., Department of Higher Education, Government of Jammu and Kashmir, Civil Secretariat, Srinagar	Member
5	Prof. Mohammad Farooq Wani, Professor, Mechanical Engineering Department, National Institute of Technology Srinagar.	Member
6	Prof. M. A. Lone, Civil Engg. Department, NIT Srinagar (Chairman DPC)	Special Invitee
7	Dr. Mohammad Shafi Charoo, Associate Professor, Mechanical Engineering Department, NIT Srinagar	Member
8	Dr. Syed Kaiser Bukhari, Registrar, National Institute of Technology Srinagar	Secretary

The following members did not attend the meeting:

1	Prof. Manoj Singh Gaur, Director, Indian Institute of Technology Jammu, J&K
2	Prof. A. Goswami, Professor & Twinning Coordinator, Mentor Institute, IIT Kharagpur

10.1.3.7.2. Minutes of the 100th meeting of Board of Governors

National Institute of Technology Srinagar, Hazratbal, J&K
Held on June 28, 2019 at 12.00 noon. At C-15, Panchsheel Enclave,
Near Chirag Dili Flyover, New Delhi.

The following were present:

1	Prof. Rakesh Sehgal, Director, National Institute of Technology Srinagar, Hazratbal, Kashmir-190006	Director/Chairman
2	Smt. Darshana Momaya Dabral IAS JS & FA, Ministry of Human Resource Development, Department of Higher Education, Government of India, New Delhi	Member
3	Mr. Talat Parvez, Commissioner / Secretary to Govt., Department of Higher Education, Government of Jammu and Kashmir, Civil Secretariat, Srinagar.	Member
4	Mr. A. K. Singh, Under Secretary NITs, Department of Higher Education, Ministry of Human Resource Development, Government of India, New Delhi.	Member
5	Prof. Manoj Singh Gaur, Director, Indian Institute of Technology Jammu, Jammu. (Participated in the meeting through Skype)	Member
6	Prof. Mohammad Farooq Wani, Professor, Mechanical Engineering Department, National Institute of Technology Srinagar.	Member
7	Dr. Mohammad Shafi Charoo, Associate Professor, Mechanical Engineering Department, NIT Srinagar	Member
8	Dr. S. K. Bukhari, Registrar, National Institute of Technology Srinagar.	Secretary
Prof. A. Goswami, Professor & Twinning Coordinator, Mentor Institute, IIT Kharagpur, a special Invitee member, did not attend the meeting.		

10.1.3.7.3. Minutes of the 99th meeting of Board of Governors

National Institute of Technology Srinagar, Hazratbal, J&K
Held on May 28, 2019 at 12.30 p.m. at C-15, Panchsheel Enclave,
Near ChiragDili Flyover, New Delhi.

The following were present:

1	Prof. Rakesh Sehgal, Director, National Institute of Technology Srinagar, Hazratbal, Kashmir-190006	Director / Chairman
2	Mr. D. K. Singh, Deputy Secretary, IFD, Ministry of Human Resource Development, Department of Higher Education, Government of India, New Delhi	Member
3	Mr. A. K. Singh, Under Secretary NITs, Department of Higher Education, Ministry of Human Resource Development, Government of India, New Delhi	Member
4	Prof. Manoj Singh Gaur, Director, Indian Institute of Technology Jammu, J & K	Member
5	Dr. Prema Rama Chandran, Director, Nutrition Foundation of India, C-13, Qutab Institutional Area, New Delhi	Member
6	Mr. Talat Parvez, Commissioner / Secretary to Govt., Department of Higher Education, Government of Jammu and Kashmir, Civil Secretariat, Srinagar	Member
7	Prof. Mohammad Farooq Wani, Professor, Mechanical Engineering Department, National Institute of Technology Srinagar	Member
8	Dr. Mohammad Shafi Charoo, Associate Professor, Mechanical Engineering Department, NIT Srinagar	Member
9	Dr. S. K. Bukhari, Registrar, National Institute of Technology Srinagar.	Secretary

10.1.3.7.4. Minutes of the 98th meeting of Board of Governors

National Institute of Technology Srinagar, Hazratbal, J&K
Held on December 14, 2018 at 03.30 p.m. at C-15, Panchsheel Enclave,
Near ChiragDili Flyover, New Delhi.

The following were present:

1	Prof. Rakesh Sehgal, Director, National Institute of Technology Srinagar, Hazratbal, kashmir-190006	Director / Chairman
2	Mr. Madan Mohan, Deputy Director General, MHRD, Department of Secondary & Higher Education, Government of India, New Delhi	Member
3	Mr. Anil Kumar Director, Integrated Finance Division, MHRD, Department of Secondary & Higher Education, Government of India, New Delhi	Member
4	Prof. Manoj Singh Gaur, Director, Indian Institute of Technology Jammu, J &K	Member
5	Dr. Prema Ramachandran, Director, Nutrition Foundation of India, C-13, Qutab Institutional Area, New Delhi 110016.	Member
6	Prof. Mohammad Farooq Wani, Professor, Mechanical Engineering Department, National Institute of Technology Srinagar.	Member
7	Dr. Mohammad Shafi Charoo Associate Professor, Mechanical Engineering Department, NIT Srinagar	Member
8	Dr. Nisar Ahmad Mir, Registrar, National Institute of Technology Srinagar.	Secretary

Ms. Sarita Chauhan, IAS Commissioner / Secretary to Govt., Department of Higher Education, Government of Jammu and Kashmir, Civil Secretariat, Jammu could not attend the meeting.

10.1.3.7.5. Minutes of the 97th meeting of Board of Governors

National Institute of Technology Srinagar, Hazratbal, J&K
Held on September 29, 2018 at 03.00 p.m. in the Committee Room of the
National Institute of Technology Srinagar, J&K

The following were present:

1	Prof. Rakesh Sehgal, Director, National Institute of Technology Srinagar, Hazratbal, Kashmir-190006	Director / Chairman
2	Ms. Sarita Chauhan, IAS Commissioner / Secretary to Government, Higher Education Department, Government of J&K, Civil Secretariat, Srinagar	Member
3	Mr. Anil Kumar, Director, IFD, MHRD, Department of Higher Education, Government of India, New Delhi	Member
4	Mr. A. K. Singh, Under Secretary, MHRD, Department of Higher Education, Government of India, New Delhi	Member
5	Prof. Mohammad Farooq Wani Mechanical Engineering Department, National Institute of Technology Srinagar	Member
6	Dr. Mohammad Shafi Charoo Assistant Professor, Mechanical Engineering Department, NIT Srinagar	Member
7	Dr. Nisar Ahmad Mir, Registrar, National Institute of Technology Srinagar	Secretary

The following members could not attend the meeting:

1	Dr. Prema Ramachandran, Director, Nutrition Foundation of India, C-13, Qutab Institutional Area, New Delhi 110016, India
2	Mr. Sheikh Zubair Aslam, Hassan Sons Group, Srinagar Kashmir

However comments were received from Mr. A. K. Singh, Under Secretary, MHRD, Department of Higher Education, Government of India, New Delhi vide F.No.16-7/2017-TS.III dated 28-09-2018. These were circulated among the members before the deliberations of the agenda. These comments were taken into account while taking the decisions.

10.1.3.7.7. Minutes of the 96th meeting of Board of Governors

National Institute of Technology Srinagar, Hazratbal, J&K
Held on March 14, 2018 at 12.00 p.m. at NIT Transit House, Safdarjung
Enclave, New Delhi

The following were present:

1	Prof. Rakesh Sehgal, Director, National Institute of Technology Srinagar, Hazratbal, Kashmir-190006	Chairman
2	Smr. Drshana M. Dabral, JS & FA, MHRD, Department of Secondary & Higher Education, Government of India, New Delhi	Member
3	Shri K. Rajan, Under Secretary, MHRD, Department of Secondary & Higher Education, Government of India, New Delhi	Member
4	Prof. Rajinder Ambardar, Metallurgical & Materials Engineering Department, National Institute of Technology Srinagar.	Member
5	Dr. Mohammad Hanief, Assistant Professor, Mechanical Engineering Department, NIT Srinagar	Member
6	Dr. Nisar Ahmad Mir, Registrar, National Institute of Technology Srinagar	Secretary

The following members could not attend the meeting:

1	Dr. Prema Ramachandran, Director, Nutrition Foundation of India, C-13, Qutab Institutional Area, New Delhi 110016, India
2	Dr. Asgar Hassan Samoon, Commissioner Secretary, Department of Higher Education, Government of Jammu and Kashmir, Civil Secretariat, Jammu.
3	Mr. Sheikh Zubair Aslam, Hassan Sons Group, Srinagar Kashmir

10.1.3.7.8. Minutes of the 95th meeting of Board of Governors

National Institute of Technology Srinagar, Hazratbal, J&K

Held on November 21, 2017 at 02.00 p.m. at NIT Transit House,
Safdarjung Enclave, New Delhi.

The following were present:

1	Dr. M. J. Zarabi, (Chairman, Board of Governors, NIT Srinagar), C/o. C-28, Pamposh Enclave, Greater Kailash Part-1, New Delhi-110048	Chairman
2	Prof. Rakesh Sehgal, Director, National Institute of Technology Srinagar, Hazratbal, Kashmir-190006	Ex-Officio
3	Shri. A. K. Singh Under Secretary (NITs), Ministry of Human Resource Development, Department of Secondary & Higher Education, Government of India, New Delhi	Member
4	Shri. D. K. Singh, Under Secretary (IFD), MHRD, Department of Secondary & Higher Education, Government of India, New Delhi	Member
5	Dr. Prema Ramachandran, Director, Nutrition Foundation of India C-13, Qutab Institutional Area New Delhi 110016, India	Member
6	Dr. Rajinder Ambardar, Professor, Metallurgical & Materials Engineering Department, National Institute of Technology Srinagar.	Member
7	Dr. G. M. Rather, Professor, Electronics & Communication Engineering Department, National Institute of Technology Srinagar.	Special Invitee
8	Prof. M. S. Mir, Registrar, National Institute of Technology Srinagar.	Secretary

The following members could not attend the meeting:

1	Dr. Asgar Hassan Samoon, Commissioner Secretary, Department of Higher Education, Government of Jammu and Kashmir, Civil Secretariat, Jammu.
2	Mr. Sheikh Zubair Aslam, Hassan Sons Group, Srinagar Kashmir
3	Dr. Mohammad Hanief, Assistant Professor, Mechanical Engineering Department, NIT Srinagar

The Chairman Board of Governors (BOG) started the deliberations by welcoming the members to this 95th BOG meeting, especially Director, Prof. R. Sehgal who has recently been selected as Director NIT Srinagar and has joined on 09-11-2017. The Chairman BOG hoped that his tenure would take the institute to new heights.

10.1.3.7.9. Minutes of the 94th meeting of Board of Governors

National Institute of Technology Srinagar, Hazratbal, J&K

Held on June 19, 2017 at 03.30 p.m. at NIT Transit House, Safdarjung Enclave, New Delhi.

The following were present:

1	Dr. M. J. Zarabi, (Chairman, Board of Governors, NIT Srinagar), C/o. C-28, Pamposh Enclave, Greater Kailash Part-1, New Delhi-110048	Chairman
2	Prof. A. R. Dar, Director, National Institute of Technology Srinagar, Hazratbal, Kashmir	Ex-Officio
3	Mr. K. Rajan, Under Secretary, Technical Education (NITs) Represented on behalf of Joint Secretary (NITs & DL), MHRD, Department of Secondary & Higher Education, Government of India, New Delhi	Member
4	Mr. D. K. Singh, Under Secretary (IFD), Smt. Darshana Momaya Dabral, Represented on behalf of Joint Secretary & FA, Ministry of Human Resource Development, Department of Secondary & Higher Education, Government of India, New Delhi.	Member
5	Dr. Prema Ramachandran, Director, Nutrition Foundation of India C-13, Qutab Institutional Area New Delhi 110016, India	Member
6	Prof. Rajinder Ambardar, Metallurgical & Materials Engineering Department, National Institute of Technology Srinagar.	Member

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The following members could not attend the meeting:

1	Dr. Asgar Samoon, Commissioner Secretary, Department of Higher Education, Government of Jammu and Kashmir, Civil Secretariat, Srinagar.
2	Mr. Shiekh Zubair Aslam, Hassan Sons Group, Srinagar Kashmir
3	Prof. Fayaz Ahmad Mir, Registrar, National Institute of Technology Srinagar.

10.1.4 Decentralisation in working and grievance redressal mechanism (5)

10.1.4. (A) Organizational Structure

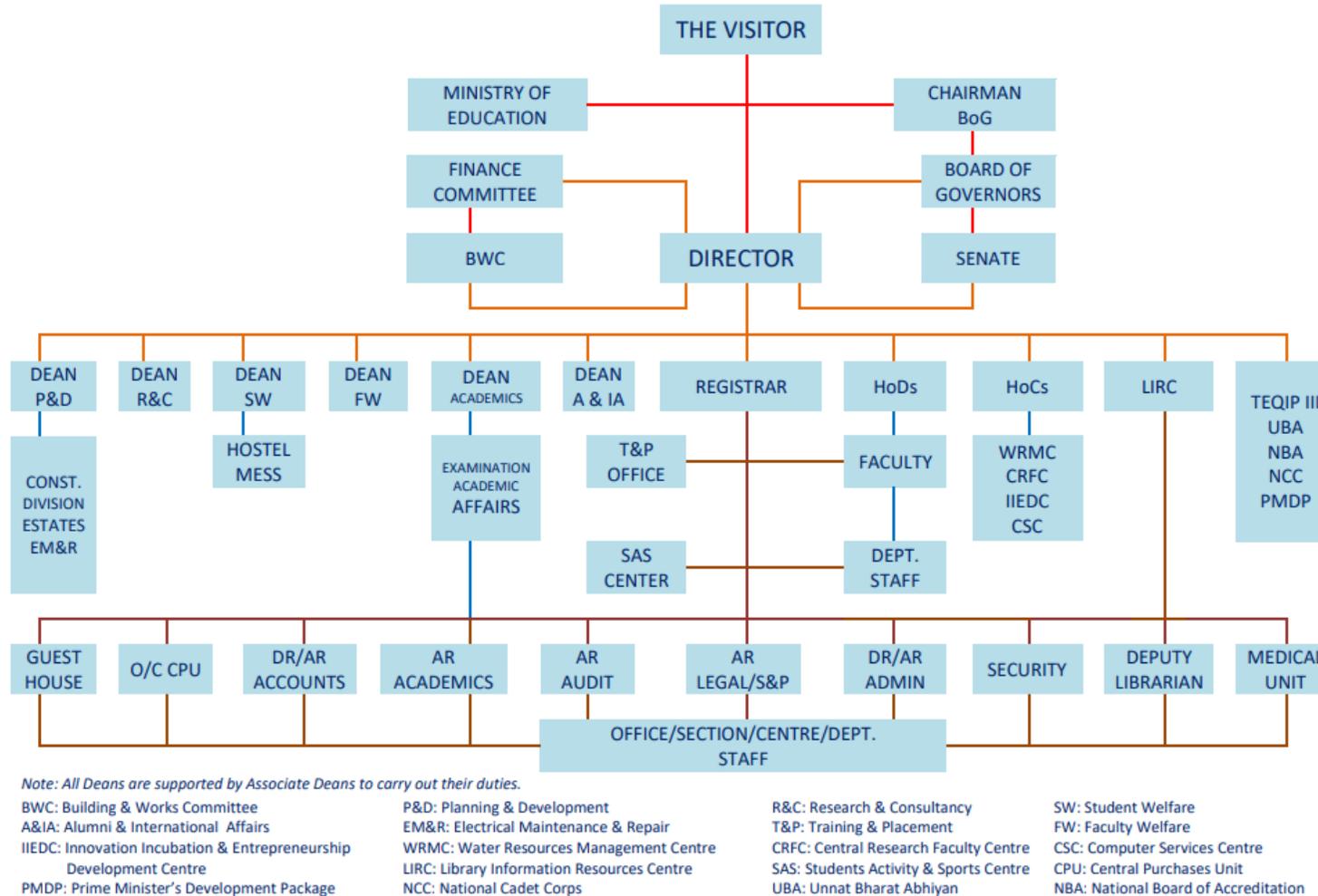


Figure B.10.1.4

Decentralization in Working: Faculty Development is delegated to the Dean Faculty Welfare:

- Students' Academic Activities and Examination is being looked after by Dean Academic Affairs who further is assisted by Associate Dean Academics and Associate Dean Examination.
- Developmental works of the Institute is being looked by Dean Planning & Development who is being assisted by Associate Dean.
- Training and Placement is delegated to Dean Alumni and International Affairs.
- The Students Activities, Hostels, Security is being looked after by Dean Students Welfare.
- Research and Consultancy of the Institute is being looked after by Dean Research and Consultancy.
- Office Administration and other matters are being looked after by Registrar.
- The Departments and Centres are being looked after by Heads of Departments and Heads of Centres.

All the above arrangements report to the Director of Institute in their day- to-day official activities and assignments.

10.1.4 B. Mechanism and Composition of Grievance Redressal system.

The Institute receives grievance both online and off line. The online grievances are addressed through online mode after obtaining the relevant information for concerned quarters. The offline grievances are also responded through surface mail to the aggrieved parties.

Further for grievance Redressal of teaching and non-Teaching staff committees are constituted to look into the complaints/ grievances from the aggrieved. The report of the grievance committee is forwarded to the Director for further necessary action and the corrective measures are taken. Following Grievance Committees have been constituted:

1. Grievance Committees:

- **For Faculty**

Prof. S. A. Lone	Chairman
Dr M Haneif	Member
Dr Shabir Ah. Sofi	Member
Dr Jaya Shrivastava	Member
Mr. Mohd Ashraf Sofi	Member Secretary

- **For Non-Faculty**

Prof. A. M. Shah	Chairman
Professor Kashmir University	
Prof. A. A. Zargar	Member
Professor Electrical Engg. Deptt.	
Prof. G. M. Rather	Convener
Professor ECE Department	

- **For Students**

Dr. Abdul Liman	Chairman
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Dr. Neyaz Ahmad Sheikh	Member
Dr. Atiqur Rehman	Member
Dr. M. A. Rather	Member
Er. Tanveer Rasool	Member

2. For Anti-Ragging Committee

Dr. Abdul Liman	Chairman
Dr. Neyaz Ahmad Sheikh	Member
Dr. Atiqur Rehman	Member
Dr. M. A. Rather	Member
Er. Tanveer Rasool	Member
Concerned HOD	Member
Medical Officer	Member
Dy. Registrar (Academics)	Member
Asstt. Security Officer	Member
Two Students Representatives	Member

3. The Internal Complaints Committee under the provisions of “The Sexual Harassment of Women at work place (Prevention, Prohibition and Redressal) Act 2013 is constituted as under for our Institute:

Prof. Roohie Naaz	Chairperson
Prof. CSE Department	
Prof. A.H. Bhat	Member
Prof. Electrical Engineering	
Dr. A. Rehman	Member
Materials and Metallurgical Engg. Deptt.	
Dr. Hamida Chisti	Member
Associate Professor Chemistry	
Adv. Humaira Shafi	External Member
Mrs. Nazia Nazir	Member Secretary
DR Accounts	

4. SC/ST/PWD/OBC/ Cell Committee

Dr M Y Shah	Chairperson
Dr Shrikant Maktedar	Member
Dr Ravi Bhushan	Member
Dr. Kurella Swamy	Member
Dr Chilaka Ranga	External Member
Dr Farhad Illahi Baksh	Member Secretary

10.1.5 Delegation of financial powers (5)

The Accounts of the Institute are in the name of Director. He is empowered to sanction the requisite amount of money/ proposes upto Rs. 25.00 Lacs beyond this amount the proposal needs to be approved by Chairman BOG. The financial Cheques /transactions are jointly signed by Director and the Registrar.

10.1.6 Transparency and availability of correct/ambiguous information in public domain (5)

The Institute has a dynamic website and all the relevant information is placed on the Institute Website www.nitsri.ac.in for the information of Public.

10.2 Budget Allocation, Utilization and Public Accounting at Institute level. (15)

10.2.1. (A) Quantum of Budget Allocation for Three Years (Rs. in Rupees) (5)

Table B.10.2.1

Financial Year 2019-20							
Total Income 1,44,84,79,807.00				Actual Expenditure 1,22,57,00,000.00			Total No of students
Fee	Govt.	Grants	<u>Other Sources.</u> 1. Interest on investment 2. Misc. Income	Recurring Expenditure including Salary	Non-Recurring Expenditure	Special Project/Any other	Expenditure per student
14,70,11,344.00	0	1,21,69,00,000.00	8,45,68,463.00	97,42,00,000.00	25,15,00,000.00	0	4,71,423.00
Financial Year 2018-19							
Total Income 2,12,89,38,557.00				Actual Expenditure 1,49,76,40,049.00			Total No of students
Fee	Govt.	Grants	<u>Other Sources.</u> 1. Interest on investment 2. Misc. Income	Recurring Expenditure including Salary	Non-Recurring Expenditure	Special Project/Any other	Expenditure per student
13,49,81,363.00	0	1,91,59,00,000.00	7,80,57,194.00	1,02,64,35,768.00	47,12,04,281.00	0	5,69,228.45
Financial Year 2017-18							
Total Income 1,58,21,25,490.00				Actual Expenditure 1,61,71,95,384.00			Total No of students
Fee	Govt.	Grants	<u>Other Sources</u> 1. Interest on investment 2. Misc. Income	Recurring Expenditure including Salary	Non-Recurring Expenditure	Special Project/Any other	Expenditure per student
17,35,67,108.00	0	1,30,90,00,000.00	9,95,58,382.00	84,27,47,542.00	77,44,47,842.00	0	6,06,827.53

10.2.2 Utilization of Allocated Funds (5)

A. Budget utilization for three years (Rs. in crores):

Table B.10.2.2

Financial Year	Budget (INR)	Expenditure (INR)	Percentage of Utilization
2019-20	121.69 crores	122.57 crores	100.72%
2018-19	191.59 crores	149.76 crores	78.16%
2017-18	130.90 crores	147.14 crores	112.40%

The Funds allocated have been well utilized for:

- Developing lab facilities.
- Additional labs were setup.
- New equipments were added to different labs.
- Library and Internet facilities were improved.
- Maintenance of workshop and lab equipments.
- Training programs for faculty members and non-teaching staffs.
- Extracurricular activities of students.

Table B.10.2.2a

Items	BUDGETED IN 2019-20 (INR)	EXPENSES IN 2019-20 (INR)	BUDGETE D IN 2018-19 (INR)	EXPENSES IN 2018-19 (INR)	BUDGETE D IN 2017-18 (INR)	EXPENSES IN 2017-18 (INR)
Infrastructure Build up	800.00 Lacs	795.00 Lacs	2000 Lacs	1791.69 Lacs	5750 Lacs	6105.83 Lacs
Library	300.00 Lacs	275.00 Lacs	300.00 Lacs	425.13 Lacs	335.00 Lacs	325.00 Lacs
Laboratory equipment	1415.00 Lacs	1445.00 Lacs	2824.00 Lacs	2492.22 Lacs	980.00 Lacs	977.78 Lacs
Lab consumable	33.50 Lacs	33.83 Lacs	80.00 Lacs	60.00 Lacs	70.00 Lacs	69.03 Lacs
Teaching and Non Teaching Salary	8739.00 Lacs	6976.06 Lacs	5562.00 Lacs	4319.86 Lacs	4180.00 Lacs	4358.69 Lacs
Maintenance And Spares	45.00 Lacs	30.29 Lacs	230.00 Lacs	105.00 Lacs	240.00 Lacs	35.72 Lacs
R&D			--	--	---	---
Training and Travel	60.00 Lacs	52.43 Lacs	65.00 Lacs	35.00 Lacs	60.00 Lacs	24.33 Lacs
Misc. Expenses*	1200.00 Lacs	955.89 Lacs	1350.00 Lacs	1165.00 Lacs	1225.00	975.00
Computer Software			280.00 Lacs	255.40 Lacs	250.00 Lacs	245.00 Lacs

Total	12,592.50 Lacs	10,563.50 Lacs	12,691 Lacs	10,649.3 Lacs	13,090 Lacs	13,116.38 Lacs
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10.2.3. Availability of Audited Statements on the Institute Website. (5)

A. Availability of Audited Statement on website

The Audited statements for the last three years are available on the Institute Website www.nitsri.ac.in.

10.3 Programme specific Budget Allocation, Utilization (30)

10.3.1. (A) Quantum of Budget Allocation for Three Years (Rs. in Lacs):

Table B.10.3.1a

Financial Year	Departments	Budget (INR)			Expenditure (INR)		
		Non-Recurring	Recurring	Total Budget	Non-Recurring	Recurring	Actual Budget
2019-20	Civil Engg. Deptt.	150.00	18.00	168.00	110.00	18.00	128.00
	Chemistry Deptt.	50.00	3.50	53.50	30.00	2.10	32.10
	Computer Science & Engg.	150.00	4.50	154.50	85.00	4.70	89.70
	Chemical Engg. Deptt.	150.00	7.00	157.00	95.00	6.0	101.00
	Electrical Engg. Deptt.	150.00	8.00	158.00	85.00	6.00	91.00
	Electronics & Comm.Engg.	150.00	7.00	157.00	70.00	4.50	74.50
	Humanities Deptt.	10.00	0.50	10.05	8.00	0.50	8.50
	Information Technology	150.00	4.50	154.50	45.00	4.25	49.25

	Mechanical Engg. Deptt.	150.00	13.00	163.00	120.00	8.48	128.48
	Mett. & Materials	150.00	6.00	156.00	45.00	5.75	50.75
	Mathematics Deptt.	50.00	0.50	50.50	40.00	0.50	40.50
	Physics Deptt.	50.00	3.00	53.00	25.00	3.05	28.05
	Total			1435.05	Total		821.83
2018-19	Civil Engg. Deptt.	20	10	30.00	11	2	13.00
	Chemistry Deptt.	3	1	4.00	1.5	0.5	02.00
	Computer Science & Engg.	12	2	14.00	4.2	1.8	06.00
	Chemical Engg. Deptt.	12	2	14.00	4.5	1.5	06.00
	Electrical Engg. Deptt.	14	4	18.00	6.0	2	08.00
	Electronics & Comm. Engg.	14	4	18.00	6	2.39	08.39
	Humanities Deptt.	1.5	0.5	02.00	0.75	0.25	01.00
	Information Technology	12	2	14.00	4	2	06.00
	Mechanical Engg. Deptt.	20	6	26.00	8.76	3.34	12.00
	Mett. & Materials	12	2	14.00	4.75	1.25	06.00
	Mathematics Deptt.	1.5	0.5	02.00	0.65	0.35	01.00
	Physics Deptt.	2.75	1.25	04.00	1.5	0.5	02.00
	Total			160.00	Total		71.39
2017-18	Civil Engg. Deptt.	18	6	24.00	12	4	16.00
	Chemistry Deptt.	3	1	04.00	1.5	0.5	02.00
	Computer Science & Engg.	10	2	12.00	8	2	10.00
	Chemical Engg. Deptt.	9.5	2.5	12.00	8.5	1.5	10.00
	Electrical Engg. Deptt.	13	3	16.00	8.5	3.5	12.00

Criterion 10

	Electronics & Comm. Engg.	13.5	2.5	16.00	8	4	12.00
	Humanities Deptt.	1.5	0.5	02.00	0.75	0.25	01.00
	Information Technology	9	3	12.00	6	2	08.00
	Mechanical Engg. Deptt.	19	5	24.00	11	4.55	15.55
	Mett. & Materials	9.5	2.5	12.00	5.5	2.5	08.00
	Mathematics Deptt.	1.25	0.75	02.00	0.75	0.25	01.00
	Physics Deptt.	2.75	1.25	04.00	1.5	0.5	02.00
	Total			140.00			97.55

10.3. Program Specific Budget Allocation, Utilization (Rs. in Lacs): (30)

Table B.10.3.1b

Items	Budgeted 2019-20	Expenses 2019-20	Budgeted 2018-19	Expenses 2018-19	Budgeted 2017-18	Expenses 2017-18
Laboratory equipment	150.00	120.00	15.00	7.50	14.00	8.50
Computer Software			--	--	2.00	--
Lab consumable	5.00	3.48	5.00	2.50	4.00	3.50
Maintenance & Spares	8.00	5.00	4.00	2.00	4.00	3.55
R&D			---	--	--	--
Training and Travel				---	--	--
Misc. Expenses*			2.00	---	--	--
Total	163.00	128.48	26.00	12.00	24.00	15.55
Items	Budgeted 2019-20	Expenses 2019-20	Budgeted 2018-19	Expenses 2018-19	Budgeted 2017-18	Expenses 2017-18
Laboratory equipment	150.00	110.00	18.00	07.00	13.00	09.00
Computer Software			--	--	--	--
Lab consumable	10.00	12.00	10.00	05.00	09.00	05.50
Maintenance & Spares	8.00	6.00	02.00	01.00	02.00	01.50
R&D			---	--	--	--
Training and Travel			--	---	--	--
Misc. Expenses*			---	---	--	--

Total	168.00	128.00	30	13	24	16
Items	Budgeted 2019-20	Expenses 2019-20	Budgeted 2018-19	Expenses 2018-19	Budgeted 2017-18	Expenses 2017-18
Laboratory equipment	150.00	85.00	10.00	03.00	09.00	6.50
Computer Software			04.00	03.00	3.50	2.00
Lab consumable	4.00	3.50	03.00	01.50	2.50	1.50
Maintenance & Spares	5.00	3.50	01.00	0.50	1.00	2.00
R&D			---	--	--	--
Training and Travel			--	---	--	--
Misc. Expenses*			---	---	--	--
Total	159.00	91.00	18	8	16	12
Items	Budgeted 2019-20	Expenses 2019-20	Budgeted 2018-19	Expenses 2018-19	Budgeted 2017-18	Expenses 2017-18
Laboratory equipment	150.00	95.00	6.00	3.00	7.00	6.00
Computer Software			3.50	1.75	---	--
Lab consumable	3.00	3.50	2.50	0.75	3.50	2.50
Maintenance & Spares	4.00	2.50	2.00	0.50	1.50	1.50
R&D			---	--	--	--
Training and Travel			--	---	--	--
Misc. Expenses*			---	---	--	--
Total	157.00	101.00	14	6	12	10

Items	Budgeted 2019-20	Expenses 2019-20	Budgeted 2018-19	Expenses 2018-19	Budgeted 2017-18	Expenses 2017-18
Laboratory equipment	150.00	70.00	10.00	5.39	10.00	7.50
Computer Software			4.00	---	4.00	3.25
Lab consumable	4.00	2.80	3.50	1.75	2.00	1.25
Maintenance & Spares	3.00	1.70	0.50	1.25	--	--
R&D			---	--	--	--
Training and Travel			--	---	--	--
Misc. Expenses*			---	---	--	--
Total	157.00	74.50	18.00	8.39	16.00	12.00
Items	Budgeted 2019-20	Expenses 2019-20	Budgeted 2018-19	Expenses 2018-19	Budgeted 2017-18	Expenses 2017-18
Laboratory equipment	150.00	85.00	9.00	3.70	8.00	7.00
Computer Software			3.00	2.30	2.50	2.00
Lab consumable	1.50	2.00	1.25	--	1.50	0.50
Maintenance & Spares	3.00	2.70	0.75	--	--	0.50
R&D			---	--	--	--
Training and Travel			--	---	--	--
Misc. Expenses*			---	---	--	--
Total	154.50	89.70	14.00	6.00	12.00	10.00
Items	Budgeted	Expenses	Budgeted	Expenses	Budgeted	Expenses

	2019-20	2019-20	2018-19	2018-19	2017-18	2017-18
Laboratory equipment	150.00	45.00	8.00	3.70	7.00	7.00
Computer Software			4.00	2.30	3.50	2.00
Lab consumable	1.50	1.75	1.25	--	1.50	0.50
Maintenance & Spares	3.00	2.50	0.75	--	--	0.50
R&D			---	--	--	--
Training and Travel			--	---	--	--
Misc. Expenses*			---	---	--	--
Total	154.50	49.25	14.00	6.00	12.00	8.00
Items	Budgeted 2019-20	Expenses 2019-20	Budgeted 2018-19	Expenses 2018-19	Budgeted 2017-18	Expenses 2017-18
Laboratory equipment	150.00	45.00	8.00	3.70	7.00	5.00
Computer Software			2.00	--	--	--
Lab consumable	3.00	2.95	2.25	2.30	3.50	1.50
Maintenance & Spares	3.00	2.80	1.75	--	1.50	1.50
R&D			---	--	--	--
Training and Travel			--	---	--	--
Misc. Expenses*			---	---	--	--
Total	156.00	50.75	14.00	6.00	12.00	8.00

Items	Budgeted	Expenses	Budgeted	Expenses	Budgeted	Expenses
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	2019-20	2019-20	2018-19	2018-19	2017-18	2017-18
Laboratory equipment	50.00	25.00	2.25	0.50	1.25	--
Computer Software			--	--	--	--
Lab consumable	1.00	1.75	1.00	0.50	2.00	0.50
Maintenance & Spares	2.00	2.50	0.75	--	0.75	0.50
R&D			---	--	--	--
Training and Travel			--	---	--	--
Misc. Expenses*			---	---	--	--
Total	53.00	28.05	4.00	1.00	4.00	1.00
Items	Budgeted 2019-20	Expenses 2019-20	Budgeted 2018-19	Expenses 2018-19	Budgeted 2017-18	Expenses 2017-18
Laboratory equipment	50.00	30.00	2.25	1.50	1.25	1.00
Computer Software			--	--	--	--
Lab consumable	1.50	0.60	1.00	0.50	2.00	0.50
Maintenance & Spares	2.00	1.50	0.75	--	0.75	0.50
R&D			---	--	--	--
Training and Travel			--	---	--	--
Misc. Expenses*			---	---	--	--
Total			4.00	2.00	4.00	2.00
Items	Budgeted 2019-20	Expenses 2019-20	Budgeted 2018-19	Expenses 2018-19	Budgeted 2017-18	Expenses 2017-18

Laboratory equipment	50.00	40.00	--	--	1.50	0.75
Computer Software			1.50	0.75	--	--
Lab consumable	0.50	0.50	--	--	--	--
Maintenance & Spares	2.00		0.50	0.25	0.50	0.25
R&D			---	--	--	--
Training and Travel			--	---	--	--
Misc. Expenses*			---	---	--	--
Total	52.50	40.50	2.00	1.00	2.00	1.00
Items	Budgeted 2019-20	Expenses 2019-20	Budgeted 2018-19	Expenses 2018-19	Budgeted 2017-18	Expenses 2017-18
Laboratory equipment	10.00	8.00	1.50	--	1.50	0.75
Computer Software			--	0.75	--	--
Lab consumable	0.50	0.50	--	--	--	--
Maintenance & Spares	2.00		0.50	0.25	0.50	0.25
R&D			---	--	--	--
Training and Travel			--	---	--	--
Misc. Expenses*			---	---	--	--
Total	12.50	8.50	2.00	1.00	2.00	1.00

10.3.1.(B) Adequacy of budget allocation (10)

- As per the requirement of Institute New Labs were established and New Equipment's and accessories had to be procured.
- New Facilities were introduced for extension programmes of R&C Wing.

- Existing labs were upgraded and improved for ambience and facilities.
- Purchase of New Software's and Renewal of Software already exists.
- Purchase of E-Resources, E-Books and E-Journals.
- Faculty members were encouraged to attend faculty development programmes.
- Trainings programmes for non-faculty staff were held for upgradation of soft skill.

10.3.2. Utilization of Allocated Funds (Rs. in crores) (20):

Table B.10.3.2

Financial Year	Budget (INR)	Expenditure (INR)	Percentage of Utilization
2019-20	121.69 crores	122.70 crores	100.70%
2018-19	191.59 crores	149.76 crores	78.16%
2017-18	130.90 crores	147.14 crores	112.40%

The funds allocated have been well utilized for:

- Developing of lab facilities and upgradation of existing facilities.
- Purchase of equipment's for different labs
- Library resources and internet facilities
- Workshop maintenance and lab consumables.
- Training of faculty and non-faculty.

10.4. Library and Internet (20)

The NIT Srinagar library, LIRC supports the Teaching, Research & and other related programmes of the institute. The library has a good collection of documents that comprises of Books,

Journals, Theses, Video cassettes, Learning Resources (LRs)& Compact discs in the field of Engineering, Science, Management, and Literature & Humanities.

The library has computerized data of whole of its collection using **KOHA software** and is in the process of automating all library operations.

Table B. 10.4

Library Established in	1960
Library Members	4000
Number of Books	68248
Reprographic facility	Xeroxing
Data usage of the library	70-80% (in terms of Books issued to faculty& students and E-resources used)
Annual Budget	3crore
Timing during working days	8.45 am to 12 pm
Timing on Sundays & Holidays	10am to 5pm

- **Layout and Floor plan**
 - **Ground Floor: The ground floor houses the following important sections.**
 - Periodical section
 - Circulation section
 - Conference Hall
 - Acquisition Section/Processing Section
 - Stacks I
 - Assistant Librarians Room
 - Dy. Librarian's room
 - Office
 - Automation section
 - **First Floor: The first floor houses the following important sections.**
 - Textbook & Reference section
 - Reading cum browsing Hall
 - Stacks II
 - **Second Floor**
 - Back Volume Section/ ST, SC Section

- **Library Mission:**
 - To promote the technical knowledge
 - Generation and application of knowledge & resources
 - Effective dissemination of knowledge.
 - Library automation and networking for remote access of online electronic resources.
 - Improve the library resources.
 - Enhance the student experience.
 - Build the digital research environment.
 - Provide convenient and customized access to information Library Resources

- **Library Resources:**
The library has a wide range of resources on engineering, sciences, humanities & Social Sciences.

Table B.10.4b

Collection	Size (number)
Books	68248
Bound volumes of journals	10070
Video cassettes	496
Learning Resources	36
Compact discs	650
Books in Text book section	10037
Books in stacks section	58211
Books in SC, ST section	9898

Table B.10.4c

Year	Number of New Titles Added
2017-2018	164
2018-2019	7447
2019-2020	2249

10.4.1. Quality of Learning Resources (10)

E-Library (Electronic/On-line resources/e-resource)

E-library provides collaborative search of all type of e-resources/on-line resources such as e-journals and books

- **E-Books**

Central library procured different type of e-books, online books for students and faculty via IP range in the campus. The different departments can also be access various type of e-books such as text books and reference books in the electronic form.

- **Wiley**

Table B.10.4.1a

Subjects Covered	URL	Total cost
Civil Engineering & Construction, Electronics & Electrical Engg, Computer Science & IT, Chemistry & Chemical Engg, Physics, Maths & Statistics & Mechanical Engineering.	onlinelibrary.wiley.com Year <u>2016 & 2017</u> No Of Titles <u>829</u>	\$88,694

- **Springer Nature**

Table B.10.4.1b

Subjects Covered	URL	Total Cost
Chemistry & Materials Science, Computer Science, Engineering, Mathematics & Statistics, Physics & Astronomy	link.springer.com/openurl?genre=book&isbn=978-1-4471-6807-2 Year 2016 No. Of Titles 3298	€52,759.20

- **Elsevier**

Table B.10.4.1c

Subjects Covered	URL	Total Cost
Chemical Engineering, Chemistry, Engineering, Materials Science, Mathematics, Physics & Astronomy, Computer Science	sciencedirect.com Year 2016 No. Of Titles 493	\$102136

➤ **Pearson**

Table B.10.4.1d

Subjects Covered	URL	Total Cost
Chemistry, Civil Engineering, Computer Science & IT, Electronic Telecommunication, Mathematics, Mechanical Engineering, Physics	lib.myilibrary.com Year 2014-2017 No. Of Titles 312	INR 15.64059

• **E-Journals**

➤ **E-Resources are accessible to our Institute through eShodhSindhu (eSS)**

Table B.10.4.1e

E-resources	E-resources Subscription Period
ACM Digital Library	January2020 toDecember2021
ASCE Journals	January2020 toDecember2021
ASME Journals Online	January2020 toDecember2021
Economic & Political Weekly	April 2021 to March 2022
Institute for Studies in Industrial Development	April 2021 to March 2022
JGatePlus(JCCC)	January2020 to December 2021
Oxford University Press	April 2020 to March 2022
Springer Link 1700 Collection+ Nature Journals	April 2021 to March 2022
Web of Science Lease Access	January2020 to December2021

➤ **NDL e Resources**

1. World E-Book Library Available through NDLI (National Digital Library of India)
2. South Asia Archives (SAA), National Licensing (perpetual)
 - **URKUND Plagiarism software** National Licensing

Back Files of Science Direct Journals from M/S Elsevier on the following subjects are now available from Vol.1, Issue1 up to the year 1994.

Table B.10.4.1f

Subjects Covered	Year	URL	Total Cost
Engineering & Technology	Pre 1995	sciencedirect.com	\$1,93,874
Materials Science	,,	,,	
Chemical Engineering	,,	,,	
Computer Science	,,	,,	
Inorganic Chemistry	,,	,,	
Organic Chemistry	,,	,,	
Mathematics	,,	,,	
Business Management Accounting	,,	,,	

E-Resources subscribed by the Institute (2019-2020)

Table B.10.4.1g

Subjects Covered	URL	Total Cost
Science Direct (8 subject collection) Jan 2020- Dec 2020	www.sciencedirect.com/	USD 86,441.22
IEEE/IET Electronic Library (IEL) online Jan 2019-Dec. 2018	http://ieeexplore.ieee.org/	INR 18,97,693.10
SCOPUS Jan 2020- Dec 2020	www.elsevier.com	USD 11,787.50
TURNITIN (Plagiarism software)		INR 7,000,00

- **BIS & ASTM Standards on our IP range.**

Table B.10.4.1h

Subjects Covered	URL	Total Cost
BIS	http://standards.bsb.co.in/	INR 12,48,345.60 (for 3 Years)
ASTM	http://compass.astm.org	INR 7,44,420.44

SERVICES

➤ Membership

All the students, faculty members, research scholars & administrative staff can register themselves for the membership of the library. The membership form is available at the circulation counter and the same is required to be attested by the Head of the Department/Section.

The number of books borrowed by users is as follows:

Table B.10.4.1i

Category	Number of Books	Duration
Faculty	10	30 days
Research Scholar	05	15 days
Student	03	15 days
Supporting Staff	02	15 days

➤ Text Book & Reference Section

The textbook and reference section remains open from 8.45 a.m. to 9.30 p.m. on all working days and from 10 a.m. to 4.00 p.m. on weekdays & holidays. The books available in this section can be consulted in the library only.

➤ Stacks section

The books available here are meant to be issued to the faculty, students, research scholars and other readers as per the criteria given in the library rules.

➤ Video Library

The library has collection of video cassettes, CDs, & LRs.

➤ Photo copying facility

The photocopying facility is provided to all students and faculty at subsidized rates.

➤ Search

OPAC (Online public access catalogue), Science Direct, E-Resources, Video library

➤ RFID facility

- Library and Information Resource Centre is currently being remodelled into a smart library. All the supporting Hardware (OPAC Kiosk's, Book Check-in/Check-Out Kiosks, Server's, Intra- Net, Networked Thermal Printers, Smart Staff Stations) and Software (Koha Server, Windows Server, Linux Server, RFID server) is already up and running. The library is also equipped with a wireless security gate that can alert the staff of any unauthorized checkouts whereas 2 high density data servers are running 24*7 in the library.

- **Lib website:** The library provides the updates to the patrons via the library webpage <https://nitsri.ac.in/Department/Deptindex.aspx?page=a&ItemID=io&nDeptID=ck>
- **Library programs/activities:** User awareness webinars and workshops are continuously organised by LIRC.

➤ **Our Team**

Table B.10.4.1j

Ms. Asmat Ali	Deputy Librarian M 9797847219, Deputylibrarian@nitsri.net
Technical Asstt. (SG)	Mrs Saymee
Technical Asstt	Mrs Tahira
Technical Asstt	Mr. M Y Rather
Assistant (SG)	Mrs.Dilshada
Assistant (SG)	Mrs.Neelofar
Jr. Lib assistant	MrShabir Ahmad Sheikh
Orderly	Mr.Noor Mohammad
Contractual	Six

Library committee

Table B.10.4.1k

Sl. No.	Members of the Library Committee	Department	Responsibility
1.	Prof. Ajaz Ahmed Zargar	Electronics and Communication	Chairman Library Committee
2.	Ms. Asmat Ali	Library	Deputy Librarian
3.	Dr. M. Zubair Ansari	Physics	Member
4.	Dr. S. A. Shah	Chemistry	Member
5.	Dr. Ranjeet Kumar Rout	Computer Science and Engineering	Member
6.	Dr. Irfan Samad Wani	Metallurgical & Materials Engineering	Member
7.	Dr. M S Charoo	Mechanical Engineering	Member
8.	Dr. Malik Perveez	Chemical Engineering	Member
9.	Dr M AdilBazaz	Electrical engineering	Member
10.	Prof. Nayaz Ahmad	Mathematics	Member
11.	Dr. Prince Ahmad	Physics	Member
12.	Mr. Janibul Bashir	IT	Member
13.	Prof Mir Mukhtar		Member

10.4.2 Internet (10)

➤ Internet Connection Details

Table B.10.4.2a

Name of the Internet Provider	NIC NKN; BSNL
Available Bandwidth	NIC NKN :1 GBPS (1:1) & BSNL: 250 Mbps
Wi-Fi Availability	Campus Open Air Wi-Fi was setup, more than 200 APs have been installed in the Campus for seamless connectivity. Students can access internet from anywhere in the campus.
Internet Access In Labs Classrooms Library and Offices of All Departments	YES
Security Arrangement	YES, Hardware Firewall, State-of-the-art corporate next-generation firewall from Sophos is deployed to give secure internet access to NIT users. CSC has its own IT policy for internet content filtering and allow/block web and application traffic to keep internet traffic healthy.
Smart Data Centre	CSC has setup new smart DATA CENTER with 100GbE port capacity in the data centre, 40GbE at Distribution level and 10GbE at access level in 2018 with high end devices housed in smart Racks.
Institute Website	Institute website 3.0 was launched in November 2020 with a new User Interface and Content Management System (CMS) using next-generation web-technologies. Team is also managing internal web portals.

➤ Wi-Fi Details

NIT Srinagar is a Wi-Fi enabled campus with its access controlled by hardware Firewall installed in Computer Service Centre and Wi-Fi access points in various departments including both Boys and Girls hostels.

Table B.10.4.2b

Device	Department	Coverage
Cisco Access Points	Computer Service Centre (3)	50 Meters radius without obstructions

Dlink Access Points	Direction Office (2)	50 Meters radius without obstructions
Dlink Access Points	CSE Staff Room (1)	50 Meters radius without obstructions
Dlink Access Points	Training & Placement Cell (4)	50 Meters radius without obstructions
Cisco Access Points	IT Building (3)	50 Meters radius without obstructions
Dlink Access Points	Humanities Department (1)	50 Meters radius without obstructions
Dlink Access Points	Physics Department (1)	50 Meters radius without obstructions
Dlink Access Points	Medical Unit (1)	50 Meters radius without obstructions
Cisco Access Points	Guest House (2)	50 Meters radius without obstructions
Dlink Access Points	Boys Hostels (92) Girls Hostels (15)	50 Meters radius without obstructions
Dlink Access Points	Campus Wifi (Outdoor) (130)	50 Meters radius without obstructions
Cisco Access Points	CSE Building (6)	50 Meters radius without obstructions
Cisco Access Points	Admin Building (04)	50 Meters radius without obstructions
Cisco Access Points	Civil, Electrical, Physics, Chemistry & Mathematics Building (18)	50 Meters radius without obstructions
Cisco Access Points	EM&R (1)	50 Meters radius without obstructions
Cisco Access Points	PG Block	50 Meters radius without obstructions
Cisco Access Points	Girls Hostel (3)	50 Meters radius without obstructions
Cisco Access Points	Chemistry Department (2)	50 Meters radius without obstructions
Cisco Access Points	MMED Department (1)	50 Meters radius without obstructions
Cisco Access Points	Old E&C Building (1)	50 Meters radius without obstructions

➤ **Security Details**

S. No	Device	Function
1	Sophos Firewall XG750 Full Guard Plus (Hardware)	Security Controller
2	Quick Heal (Seqrite) Antivirus Endpoint Software 17.00 (64-bit),	Anti-Virus

Sophos Antivirus Software for Central Intercept X Advanced Endpoint (500 licenses)	
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➤ **List of Major Equipment purchased by CSC for seamless Internet Facilities**

S. No	Equipment	Equipment Configuration Details
1.	Blade Servers	Unified High End Computing System UCS 5108 Blade Server AC2 Chassis with 2 Nos. of UCS B200 M4 Blades each having 2 Nos. of 2.30 GHZ Processor, 64 GB RAM, 12 SAS RAID Controller, 2 Nos. of 1.2TB SAS 10K HDD. Chassis comes with 8 Licenses of RED HAT SERVER 2 CPU.
2.	Core Switch	The central switch in our network consists of chassis with 8 I/O slots, includes 5 Fan Trays, 5.12Tbps Fabric Module. 3 modules for wire speed performance, 4 for N+1 redundancy. Switch has 48-Port 10GBASE-X SFP+ module. Up to 8 modules in the chassis supports up to 384 wire speed 10GbE ports and works with either 2.56 or 5.12Tbps Fabric Modules. 10 Gigabit Ethernet SFP+ module, 1310nm, SMF 10km link, LC connector. Switch comprises of 10 Gigabit Ethernet SFP+ passive cable assembly and other features.
3.	Firewall	For security and monitoring of our network, this firewall has a minimum throughput of 100 Gbps , minimum IPS throughout of 20 Gbps, minimum NGFW throughput of 11.0 Gbps , minimum 30,000,000 Concurrent Sessions and minimum 300,000 new connections per second. It is rack mountable, with IPv4 Unicast and Multicast Features and IPv6 support. DHCP features include DHCP Server, DHCP Client, DHCP Relay, supports DoS attack control, Access control list, MAC-based Access control List, IP filtering URL filtering, Port forwarding, DMZ security, Intra SSID filtering. The Appliance supports both L2 and L3 network for auto discovery. Supports multiple VLANS. Supports Advanced Encryption Standards (AES), Temporal Key Integrity Protocol (TKIP) and provide real time RF map status.
4.	Smart Racks / Data Centre	Our core switch and firewall is hosted in the Data Centre within Smart Racks. This Intelligent integrated / inbuilt infrastructure Datacenter Rack is Modular, Flexible. It is composed of multiple active power and cooling distribution paths, but only one path active. Has redundant components, and is concurrently maintainable providing 99.982% of availability. The Intelligent Integrated Infrastructure Data center Rack essentially includes internal redundant or backup power supplies, environmental controls: Precision Air Conditioning, Fire Suppression, Smoke Detection, Water Leak Detection, Humidity Sensor, Security Devices etc. Critical systems like UPS and Precision Air-conditioning system have N+N topology respectively. The Intelligent integrated infrastructure has Air Flow Management for Hot aisle & cold aisle containment making it independent of site conditions. Data center Rack is standard 2 x 42 U racks of dimension 800 mm x 1000 mm x 2100 mm, complete with, cable management system, PDU, blanking panels and other required accessories. Data center

		Rack is capable to cater 6 KVA capacity of IT Equipment load. It is robust and light weight. Proposed Solution has Tool-less mechanism for peripherals for fast and easy configuration & Management. Proposed Solution maintains safe and secure connectivity. IT is equipped with Fire Detection & Suppression, Bio Metric Access Control along with mechanical locks to protect system from unauthenticated access. Novec1230 Gas based fire suppression system as per NFPA guidelines.
5.	Distribution / Layer 3 Switches	Campus wide network consists of distribution and manageable L3 switches. Distribution Switch Model X590 base unit with 24 1Gb/10Gb SFP+ ports, 1 10Gb/40Gb QSFP+ port, 2 10Gb/25Gb/40Gb/50Gb/100Gb capable QSFP28 ports, 2 unpopulated power supplies slots, 4 unpopulated fan module slots, Extreme XOS Advanced Edge License with hardware replacement warranty, X870 Fan Module, Front-to-Back airflow, 770W AC power supply, Front-to-Back airflow. This is the first level after the core switch and we have L3 switches at the next level in the network. These are Model X440-G2 24, 10/100/1000BASE-T, SFP combo, 4 1GbE unpopulated SFP upgradable to 10GbE SFP+, 1 Fixed AC PSU, 1 RPS port, XOS Edge license.
6.	Thin Clients and Servers	Thin Client AMD or Intel Processor Cores: 4 Nos. Processor Speed: 2.0 GHz, Chipset: AMD or Intel Operating System: Windows embedded Standard 10 or higher with browser Graphics: Integrated Graphic Memory: Shared RAM 8 GB, SSD: 16 GB , Keyboard, Mouse, USB Port 2.0 USB Port 3.0 VGA Port, DVI Port, Lan & Wifi Connectivity. Servers: E5 / Xeon Silver or above series, min 12 core, min 2.20 GHz with min 16 MB smart cache memory
7.	All in One Computers	Processor Type: Core i7; 7th Generation , Processor Speed: 2.9 GHz , Memory Technology: DDR4 or Higher, Maximum Memory Supported: 16 GB, Hard Drive Size: 2 TB HDD; 128 SSD Higher, Hard Disk Technology: Serial ATA; SSD Audio Details: Integrated Stereo Speakers, Graphics Coprocessor: NVIDIA GeForce 930MX Discrete, Graphics Card Ram Size: 4 GB, Wireless Type: 802.11 A/C, Number of USB 2.0 Ports: 2 or More, Number of USB 3.0 Ports: 1 Number of HDMI Ports: 1 , Number of Audio-out Ports: 1 , Number of Ethernet Ports: 1 , Optical Drive Type: DVD-RW, Card Reader: Secure Digital card, Hardware Platform: PC, Operating System: Windows 10 Professional, Included Components: Main unit, Wireless Keyboard ,Wireless Mouse, Power Cords.
8.	Campus Wi-Fi Project	Covering the whole NIT Campus, Campus Wifi project involved purchase of various networking equipments like Wireless Controller, Outdoor access points that are internal dual band, concurrent, one Ethernet port, PoE input and include mounting bracket, Outdoor 120 degree sector, dual band, concurrent access point, one Ethernet port, adjustable mounting bracket dual-band 802.11abgn/ac Wireless Access Point, 2x2:2 streams, dual ports, 802.3af PoE support. 6 18.00, Single unit, outdoor 802.11ac 2X2:2 bridge, 5 GHz internal antenna, optional antenna support, one Ethernet port includes mounting brackets, Gigabit PoE Injectors, AP management license for Wireless Controller.

9.	SAN Storage and Switch	Storage System Type SAN , Storage Capacity (TB) 60TB , Hardware Form Factor of Storage System (RU) 8 Disk Type NL-SAS SAN SWITCH: Fibre Channel Generation 16Gbps , Switch Type Fixed , Fibre Channel base ports 48 , Scalability (Ports) 48 , Fiber Channel Port Speed (Gbps) 16 , Aggregate Switch Bandwidth FC (end to end full duplex) 768 Gbps .
10.	UPS and Other Equipment	UPS in various locations are rack mountable. Labs are provided with backup by 10KVA Online UPS. Single Fiber Fusion Splicer 80-150um, Single / SMF (G.652/657), MMF (G.651), DSF (G.653), NZDSF (G.655), 5mm to 16mm with sheath clamp, Total 100 splice modes / 30 heating modes. FIBRE OTDR: FTB-1 platform multi-function tester is specializing in FTTH and Ethernet test applications and optimization of the mode of the fast and powerful institutionalized Two USB2.0 port, RJ-45 LAN 10/100/1000Mb/s, Optical fiber probe end connection checks (video), Built-in Bluetooth and Wi-Fi (optional), 8GB internal memory(flash memory), 16GB internal memory(flash memory), Windows Embedded operating system (the standard version)

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www.nitsri.ac.in

Professor Rakesh Sehgal
Director



No: NIT/DO/21/478

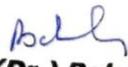
Date: 16.06.2021

Part - C

DECLARATION

I undertake that, the institution is well aware about the provisions in the NBA's accreditation manual concerned for this application, rules, regulations, notifications and NBA expert visit guidelines in force as on date and the institute shall fully abide by them.

It is submitted that information provided in this Self-Assessment Report is factually correct. I understand and agree that an appropriate disciplinary action against the Institute will be initiated by the NBA, in case any false statement/information is observed during pre-visit, visit, post visit and subsequent to grant of accreditation.

 16/06/2021
Prof. (Dr.) Rakesh Sehgal

राष्ट्रीय प्रौद्योगिकी संस्थान, श्रीनगर
Director
National Institute of Technology |
Srinagar (J&K)