SELF ASSESSMENT REPORT (SAR)

For

Accreditation

of

Bachelor of Technology (B.Tech.) in

Civil Engineering

By

National Board of Accreditation

NBCC Place, 4th Floor East Tower, Bhisham Pitamah

Marg, Pragati Vihar New Delhi 110003

P: +91(11)24360620-22, 24360654

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CIVIL ENGINEERING DEPARTMENT

NATIONAL INSTITUTE OF TECHNOLOGY SRINAGAR

Hazratbal, Srinagar – 190 006, J&K (India)

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PART A: INSTITUTIONAL INFORMATION

1. **NAME AND ADDRESS OF THE INSTITUTION:** National Institute of Technology Srinagar (NIT Srinagar)

Address	**City: Srinagar**
State:- Jammu & Kashmir	Pin Code:- 190006
Website:- www.nitsri.ac.in	E-mail:- admin_csc@nitsri.ac.in
STD Code:- 0194	Phone No:- 2422032
Fax STD Code:- 0194	Fax:- 242047

Table A.1

2. **NAME AND ADDRESS OF THE AFFILIATING UNIVERSITY: None**

3. **YEAR OF ESTABLISHMENT OF THE INSTITUTION: 1960**

4. **TYPE OF THE INSTITUTION: Institute of National Importance**

5. **OWNERSHIP STATUS: Central Government**
   (Provide Details: Appendix 1 of part A)

6. **OTHER ACADEMIC INSTITUTIONS OF THE TRUST/SOCIETY/COMPANY ETC., IF ANY:** None

Name of the Institution(s)	Year of Establishment	Programs of Study	Location

Table A.6

7. **DETAILS OF ALL THE PROGRAMS BEING OFFERED BY THE INSTITUTION UNDER CONSIDERATION:**

S. No.	**Programme Name (Current Intake)**	**Name of Depart-ment**	**Year of Start**	**Intake**	**Increa-se in Intake**	**Year of Increase**	**AICTE Appro-val**	**Accredi-tation Status**
1	B.Tech, Chemical Engineering	Chemical Enginee-ring	1963	27	50	2009	Senate	Accredited by NBA F. NO NBA/

	(103)							ACCR/106/2002 May 19 2009
2	M.Tech, Chemical Engineering (19)		2015	19				
3	Ph.D., Chemical Engineering		2008	05	11	2019		
4	B.Tech, Civil Engineering (183)	Civil Engineering	1960	50	73	2009		Accredited by NBA F. NO NBA/ ACCR/106/2002 May 19 2009
5	M.Tech, Transportation (16)		2014	16				
6	M.Tech, Structure (25)		2004	25				
7	M.Tech, Geotechnical (15)		2014	15				
8	M.Tech, Water resource Engineering (13)		1986	13				
9	Ph.D., Civil Engineering		2006	02	22	2019		
10	B.Tech, Computer science Engineering (84)	Computer science Engineering	2007	62				
11	Ph.D., Computer science Engineering		2010	01	05	2019		
12	B.Tech, Electrical Engineering (113)	Electrical Engineering	1960	50	27	2009		Accredited by NBA F. NO NBA/ ACCR/106/2002 May 19 2009
13	M.Tech, Electrical power and energy system (26)		2013	26				
14	M.Tech, Power Electronics & electrical drives (26)		2020	26				
15	Ph.D., Electrical		2004	01	18	2019		

	Engineering							
16	B.Tech, Electronics and Communication Engineering (106)	Electronics and Communication Engineering	1984	50	27	2009		Accredited by NBA F. NO NBA/ ACCR/106/2002 May 19 2009
17	M.Tech, Communication and information Technology (25)		2004	25				
18	M.Tech, Microelectronics (14)		2015	14				
19	Ph.D., Electronics and Communication Engineering		2005	01	15	2019		
20	B.Tech, Mechanical Engineering (117)	Mechanical Engineering	1960	50	27	2009		Accredited by NBA F. NO NBA/ ACCR/106/2002 May 19 2009
21	M.Tech, Mechanical system design (25)		2004	25				
22	M.Tech, Industrial tribology and maintenance (26)		2013	26				
23	Ph.D., Mechanical Engineering		2008	10	32	2019		
24	B.Tech, Metallurgical and Materials Engineering (106)	Metallurgical and Materials Engineering	1960	15	62	2009		Accredited by NBA F. NO NBA/ ACCR/106/2002 May 19 2009
25	Ph.D., Metallurgical and Materials Engineering		2008	05	05	2019		
26	B.Tech, Information Technology (87)	Information Technology	2007	62				
27	Ph.D., Information Technology		2018	05	03	2019		

28	M.Sc., Physics (31)	Physics	2015	31				
29	Ph.D., Physics		2004	02	11	2019		
30	M.Sc., Chemistry (30)	Chemis-try	2020	30				
31	Ph.D., Chemistry		2005	01	09	2019		
32	Ph.D., Humanities & Social Science	Humanit-ies & Social Science	2004	02	03	2019		
33	Ph.D., Mathematics	Mathe-matics	2006	02	07	2019		

Table A.7

8. PROGRAMS TO BE CONSIDERED FOR ACCREDITATION VIDE THIS APPLICATION

S. No.	Program Name
1	B. Tech. Chemical Engineering
2	B. Tech. Civil Engineering
3	B. Tech. Electrical Engineering
4	B. Tech. Electronics and Communication Engineering,
5	B. Tech. Mechanical Engineering

Table A.8

9. TOTAL NUMBER OF EMPLOYEES:

A. Regular Employees (Faculty and Staff):

Items		2020-21		2019-20		2018-19	
		Min	Max	Min	Max	Min	Max
Faculty in Engineering	**M**	105	106	79	79	78	80
	F	17	17	16	16	16	16
Faculty in Maths, Science & Humanities teaching in engineering Programs	**M**	25	26	21	21	20	21
	F	7	7	6	6	6	6
Non-teaching staff	**M**	174	194	194	206	206	223
	F	17	19	19	20	20	22

Table A.9a

B. Contractual Staff Employees (Faculty and Staff): (Not covered in Table A):

Items		2020-21		2019-20		2018-19	
		Min	**Max**	**Min**	**Min**	**Max**	**Min**
Faculty in Engineering	**M**	19	19	20	20	37	37
	F	24	24	21	21	26	26
Faculty in Maths, Science & Humanities teaching in engineering Programs	**M**	3	3	2	2	5	5
	F	5	5	5	5	3	3
Non-teaching staff	**M**	338	338	190	190	169	169
	F	35	35	15	15	13	13

Table A.9.b

10. Total number of Engineering Students

Item	2020-21	2019-20	2018-19
Total no. of boys	2707	2370	2245
Total no. of girls	578	436	386
Total no. of students	3285	2806	2631

Table A.10

11. VISION OF THE INSTITUTION:

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.

12. MISSION OF THE INSTITUTION:

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 engineers.

13. CONTACT INFORMATION OF THE HEAD OF THE INSTITUTION AND NBA COORDINATOR, IF DESIGNATED:

Head of the Institution

Name:- Dr. Rakesh Sehgal Designation:- Director

Status of Appointment:- By MoE (formerly MHRD)

Contact details of Head of the Institution

STD Code:- 0194 Telephone No:- 0782677

Mobile:- 09419433770, 9418058442 E-mail:- director@nitsri.net

Fax STD Code:- 0194 Fax No:- 242047

NBA Coordinator

Name:- Dr. Aijaz Hussain Mir Designation:- Professor

STD Code:- 0194 Telephone No:- 0782705

Mobile:- +91-7006836408 E-mail:- ahmir@nitsri.net

NBA Co-coordinator

Name:- Dr. Harveer Singh Pali Designation:- Assistant Professor

Mobile:- +91-8076729852 E-mail:- hspali@nitsri.net

Appendix 1 of part A

केवल कुमार शर्मा, भा.प्र.से.
K. K. Sharma, I.A.S.
सचिव
Secretary

सत्यमेव जयते

भारत सरकार
मानव संसाधन विकास मंत्रालय
उच्चतर शिक्षा विभाग
Government of India
Ministry of Human Resource Development
Department of Higher Education

D.O. No. 16-5/2017-TS.III
5th June, 2017

Dear

As you are aware, the National Institutes of Technology (NITs) are Centrally Funded Technical Institutes (CFTIs) of National Importance set up by an act of Parliament, National Institute of Technology, Science Education and Research (NITSER) Act, 2007. Therefore, NITs do not require any approval of All India Council for Technical Education (AICTE) and also National Board of Accreditation (NBA) accreditation is not mandatory for such Institutions.

2. NIT, Srinagar has informed the Ministry of HRD that students who are studying in above NIT and belong to state of Rajasthan have been denied registration for scholarship on the portal of Department of Social Justice and Empowerment, Rajasthan. It has been mentioned that Department of Social Justice and Empowerment has been insisting that NIT, Srinagar should get accreditation beyond 2016-17.

3. As mentioned above, the NIT Srinagar is an Institution of National Importance. Therefore, accreditation from NBA/NAAC/AICTE is not mandatory for it.

4. In view of the above, it is requested to kindly look into the matter and direct concerned official(s) to allow registration of students of your state for enabling them to get scholarship.

Yours sincerely,
-sd-
(K. K. Sharma)

Shri Om Prakash Meena,
Chief Secretary,
Govt. of Rajasthan,
Government Secretariat,
Jaipur – 302 005

Copy to:

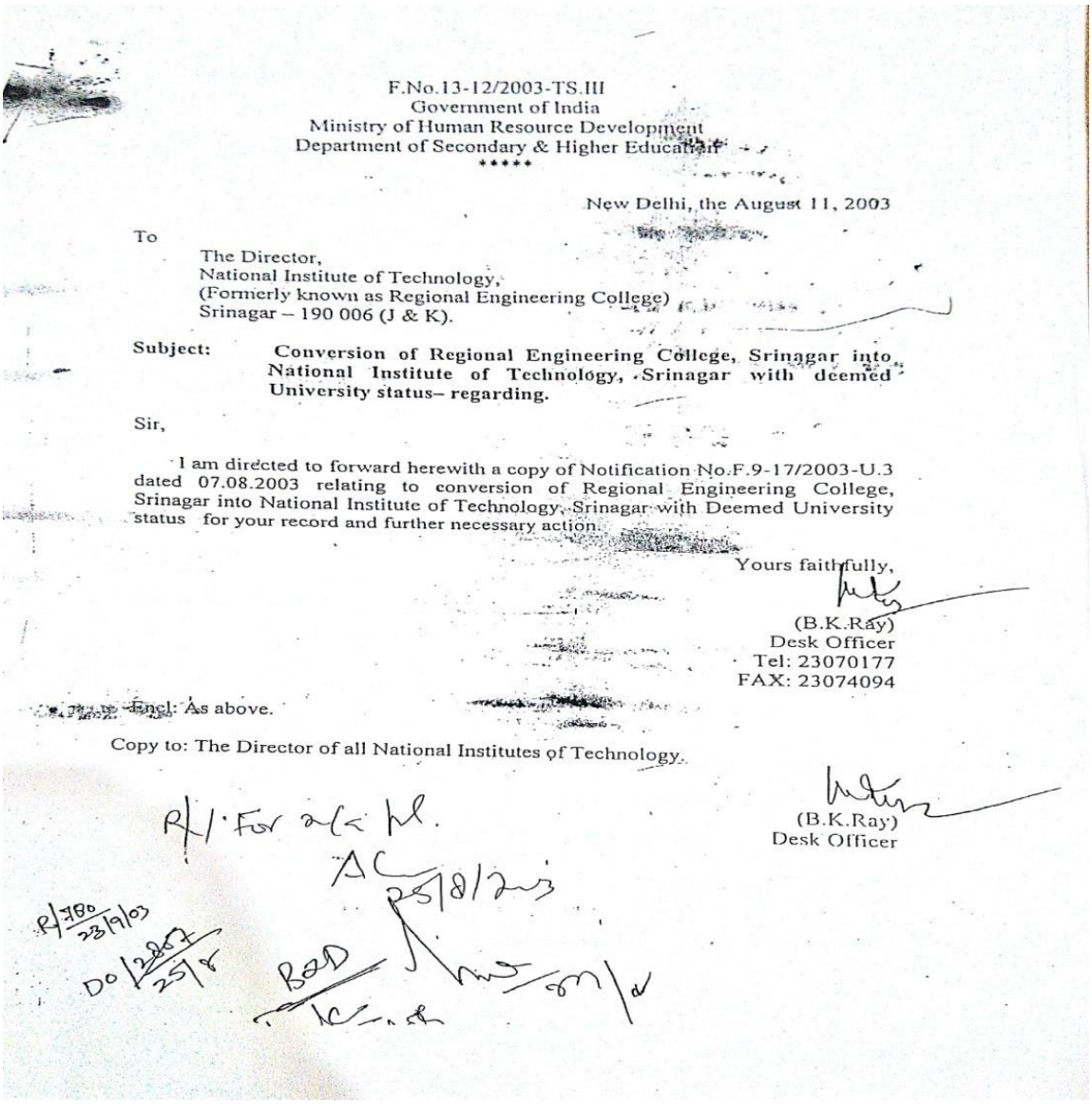
Prof. A. R. Dar, Director, National Institute of Technology Srinagar, Hazratbal, Kashmir – 190006 (J&K)

(K. K. Sharma)

cc
I/c Scholarship
13/6/17
PA

128-C, SHASTRI BHAVAN, NEW DELHI - 110 015
TEL : 23386451, 23382698, FAX : 23385807, E-mail : secy.dhe@nic.in

Figure A.1a



F.No.13-12/2003-TS.III
Government of India
Ministry of Human Resource Development
Department of Secondary & Higher Education
*****

New Delhi, the August 11, 2003

To

The Director,
National Institute of Technology,
(Formerly known as Regional Engineering College)
Srinagar – 190 006 (J & K).

Subject: **Conversion of Regional Engineering College, Srinagar into National Institute of Technology, Srinagar with deemed University status– regarding.**

Sir,

I am directed to forward herewith a copy of Notification No.F.9-17/2003-U.3 dated 07.08.2003 relating to conversion of Regional Engineering College, Srinagar into National Institute of Technology, Srinagar with Deemed University status for your record and further necessary action.

Yours faithfully,

(B.K.Ray)
Desk Officer
Tel: 23070177
FAX: 23074094

Encl: As above.

Copy to: The Director of all National Institutes of Technology.

(B.K.Ray)
Desk Officer

Figure A.2b

PART B: Criteria Summary

Name of the program: B.Tech in Civil Engineering

Criteria No.	Criteria	Marks/Weightage	
		Max.	**Claimed**
	Program Level Criteria		
1	Vision, Mission and Program Educational Objectives	50	50
2	Program Curriculum and Teaching – Learning Processes	100	92
3	Course Outcomes and Program Outcomes	175	175
4	Students' Performance	100	76
5	Faculty Information and Contributions	200	176.4
6	Facilities and Technical Support	80	75
7	Continuous Improvement	75	75
	Institute Level Criteria		
8	First Year Academics	50	41.58
9	Student Support Systems	50	50
10	Governance, Institutional Support and Financial Resources	120	120
	Total	**1000**	**930.98**