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

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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	Year	of	Programs of Study	Location
Institutio	on(s)		Establishment			

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	Increase in Intake	Year of Increase	AICTE Appro- val	Accredi-tation Status	on
1	B.Tech,	Chemical					Senate	Accredited	by
	Chemical	Enginee-	1963	27	50	2009		NBA F.	NO
	Engineering	ring						NBA/	

	(103)						ACCR/106/2002
2	M.Tech,						May 19 2009
2	Chemical						Way 17 2007
	Engineering		2015	19			
	(19)						
3	Ph.D.,						1
3	Chemical		2008	05	11	2019	
	Engineering		2008	03	11	2019	
4	B.Tech, Civil	Civil					Accredited by
1	Engineering	Enginee-	1960	50	73	2009	NBA F. NO
	(183)	ring	1900	30	73	2009	NBA/
5	M.Tech,	Img					ACCR/106/2002
)	Transportation						May 19 2009
	(16)		2014	16			Way 17 2007
	(10)						
6	M.Tech,						-
	Structure (25)		2004	25			
7	M.Tech,						-
/	Geotechnical		2014	15			
	(15)		2014	13			
8	M.Tech, Water						1
0	resource						
	Engineering		1986	13			
	(13)						
9	Ph.D., Civil						-
)	Engineering		2006	02	22	2019	
10	B.Tech,	Computer					
10	Computer	science					
	science	Enginee-	2007	62			
	Engineering	ring	2007	02			
	(84)	Illig					
11	Ph.D.,						
11	Computer						
	science		2010	01	05	2019	
	Engineering						
12	B.Tech,	Electrical					Accredited by
12	Electrical	Enginee-					NBA F. NO
	Engineering	ring	1960	50	27	2009	NBA/
	(113)	15					ACCR/106/2002
13	M.Tech,						May 19 2009
	Electrical power			_			1,14, 1, 200,
	and energy		2013	26			
	system (26)						
14	M.Tech, Power						1
17	Electronics &						
	electrical drives		2020	26			
	(26)						
15	Ph.D.,			_			1
	Electrical		2004	01	18	2019	
	_10011011	l	ı		<u> </u>	l .	1

	Engineering						
16	B.Tech,	Electron-					Accredited by
	Electronics	ics and					NBA F. NO
	and	Commu-	1004	50	27	2000	NBA/
	Communication	nication	1984	50	27	2009	ACCR/106/2002
	Engineering	Enginee-					May 19 2009
	(106)	ring					
17	M.Tech,	Ü					
	Communication		• • • •				
	and information		2004	25			
	Technology (25)						
18	M.Tech,						
	Microelectronics		2015	14			
	(14)						
19	Ph.D.,						
	Electronics and		2007	0.1	4.5	2010	
	Communication		2005	01	15	2019	
	Engineering						
20	B.Tech,	Mechani-					Accredited by
	Mechanical	cal	10.60	50	27	2000	NBA F. NO
	Engineering	Enginee-	1960	50	27	2009	NBA/
	(117)	ring					ACCR/106/2002
21	M.Tech,						May 19 2009
	Mechanical		2004	25			
	system design		2004	25			
	(25)						
22	M.Tech,						
	Industrial						
	tribology		2013	26			
	and		2013	20			
	maintenance						
	(26)						
23	Ph.D.,						
	Mechanical		2008	10	32	2019	
	Engineering						
24	B.Tech,	Metallur-					Accredited by
	Metallurgical	gical and					NBA F. NO
	and Materials	Materials	1960	15	62	2009	NBA/
	Engineering	Enginee-					ACCR/106/2002
	(106)	ring					May 19 2009
25	Ph.D.,						
	Metallurgical		2008	05	05	2019	
	and Materials		2000	03		2019	
	Engineering						
26	B.Tech,	Informa-					
	Information	tion	2007	62			
	Technology (87)	Techno-					
27	Ph.D.,	logy					
	Information		2018	05	03	2019	
	Technology						

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	Humanities & 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		202	0-21	2019	9-20	2018	3-19
		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 &	M	25	26	21	21	20	21
Humanities teaching in engineering Programs	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		202	0-21	2019	9-20	2018	3-19
		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 &	M	3	3	2	2	5	5
Humanities teaching in engineering Programs	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 MHRD

Contact details of Head of the Institution

STD Code:- 0194 Telephone No:- 0782677

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. Sharma, I.A.S. Secretary



भारत सरकार मानव संसाधन विकास मंत्रालय उच्चतर शिक्षा विमाग 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 Ail 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. 2016-17.
- As mentioned above, the NIT Srinagar is an Institution of National Importance.
 Therefore, accreditation from NBA/NAAC/AICTE is not mandatory for it.
- 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, Shri Om Prakash Meen Chief Secretary, Govt. of Rajasthan, Government Secretariat, Jaipur – 302 005

Ic Sehs

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

Kshaame

(K. K. Sharma)

क्षेत्र के

13/6/17 128-C, SHASTRI BHAVAN, NEW DELHI - 110 015 - 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 Min The Book Serve The Director, National Institute of Technology, (Formerly known as Regional Engineering College) Srinagar – 190 006 (J & K). Conversion of Regional Engineering College, Srinagar into National Institute of Technology, Srinagar with deemed University status-regarding. Sir, l 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.		Marks	s/Weightage
NO.	Criteria —	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	80.59
5	Faculty Information and Contributions	200	171.5
6	Facilities and Technical Support	80	75
7	Continuous Improvement	75	68
	Institute Level Criteria		
8	First Year Academics	50	43.46
9	Student Support Systems	50	50
10	Governance, Institutional Support and Financial Resources	120	120
	Total	1000	925.55