

National Institutional Ranking Framework

Ministry of Education

Government of India

Welcome to Data Capturing System: INNOVATION

Submitted Institute Data for NIRF'2024'

Institute Name: National Institute of Technology Srinagar [IR-I-U-0197]

Sanctioned (Approved) Intake

Academic Year	2022-23	2021-22	2020-21	2019-20	2018-19	2017-18
UG [4 Years Program(s)]	899	899	778	672	-	-
PG [2 Year Program(s)]	371	304	-	-	-	-

Total Actual Student Strength (Program(s) Offered by Your Institution)

(All programs of all years)	No. of Male Students	No. of Female Students	Total Students	Within State (Including male & female)	Outside State (Including male & female)	Outside Country (Including male & female)	Economically Backward (Including male & female)	Socially Challenged (SC+ST+OBC Including male & female)	No. of students receiving full tuition fee reimbursement from the State and Central Government	No. of students receiving full tuition fee reimbursement from Institution Funds	No. of students receiving full tuition fee reimbursement from the Private Bodies	No. of students who are not receiving full tuition fee reimbursement
UG [4 Years Program(s)]	2480	690	3170	1557	1610	3	1128	1442	0	2139	21	410
PG [2 Year Program(s)]	289	139	428	241	187	0	52	155	0	102	0	105

Start up recognized by DPIIT/startup India

Name of Venture	Year of recognition by DPIIT/startup India	DPIIT/Start up India Registration No.
Heaventure Adventure Pvt. Ltd (Curve Electric)	2022-23	DIPP104371
MustPi	2022-23	0
Kash Com	2022-23	0
Innjah Innovations Pvt. Ltd.	2022-23	0
Greenovation Cooling Solutions	2022-23	0
Promecens Biosystems Private Limited	2022-23	0
4sautomatics company	2022-23	0
AMBUR	2021-22	MSME Reg.(UDYAM-JK-21-0039927)
Zyelum	2022-23	0
WALE	2022-23	0
Techtitans	2022-23	0
Gio-Infinity India	2022-23	0
Move Beyond	2022-23	9244638250
SKYROBO-DRONES PVT. LTD.	2021-22	DIPP76247

Automation of Local Bread Making	2022-23	0
Bidding Portal for Horticultural Products	2022-23	0
MedikoNet	2022-23	0
PANJURLI LABS PRIVATE LIMITED	2022-23	0
ANGIRUS	2022-23	0
Bliss Natural	2022-23	0
AgriVijay	2022-23	0
R Buy Smart Refill	2022-23	0
Vision Cosmos	2022-23	0
KonnnectNXT	2022-23	0
JK Green Tech	2022-23	LLP Reg.No. ACA9050
Low Cost Briquettes for Kashmiri Hamam	2022-23	0
B.Naik Uprising Agro Industries Pvt. Ltd.	2022-23	DIPP98468

Startups which have got VC investment in previous 3 years

Name of startups	Amount received	Organisation Name	Year of receiving VC investment
KashCom	500000	Kashmir Angel Network (KAN)	2022-23
CredAgro	500000	Kashmir Angel Network (KAN)	2021-22
Charzan/Wildfloc	300000	Kashmir Angel Network (KAN)	2020-21

FDI investment in previous 3 years

Name of startups	FDI investment received	Year of receiving FDI investment
NA	0	2022-23

Innovation grant received from govt. organization in previous 3 years

Name of Government organisation from which grant is received	Amount of Grant received	Year of receiving grant
Incubation component of MSME Innovative Scheme (MSME Champions Scheme) Floating Water Cycle	1500000	2022-23
MSME Design Project Scheme (Under RAMP Scheme) Solar Water Trash Collector	109125	2022-23
MSME for conducting skill development program (Advanced ESDP on 3D Printing) & (Advanced ESDP on Welding & CNC) & 01 MDP in IPR	2600000	2022-23
Under scheme Information, Education and Communication(IEC), sub-scheme Innovation & Patent Filing of JKST&IC	175000	2022-23
DST i-TBI NIDHI Scheme (GIF)	50000000	2022-23
Conducting 05 Awareness Programs for MSME's of J&K under MSME Design Expertise Scheme (CTTC, Bhubaneshwar)	350000	2022-23
Technology Information Forecasting and Assessment Council (TIFAC), DST	4000000	2022-23

Conducting 05 Awareness Programs & 01 National Workshop for MSME's of J&K under MSME Innovative Scheme (CTR&TC, Bhubaneshwar)	1350000	2021-22
MSME (Ministry of Micro, Small & Medium Enterprises) "Support for Entrepreneurial and Managerial Development of MSMEs through Incubators" under CLCS-TUS	3000000	2021-22
Directorate of Rural Development Department, J&K Government Consultancy for Time and Motion Study (TMS) MGNREGA	2720000	2021-22
DST-IC IMPACT, DST sponsored research work on ergonomic, economic and social aspects of carpet weavers in Kashmir- Under process.	500000	2021-22
MSME Design Scheme (Ministry of Micro, Small & Medium Enterprises) MSME DESIGN EXPERTISE(KYK Time to Know Gaming and Information App)	169500	2020-21
MSME DESIGN EXPERTISE(1:AI driven object identifying educational talking toy, 2: Robotic Glove 3D Printed Haptic-Feedback & Brain-Computer Interfaces(BCIs)	678000	2020-21
JKST&IC, DST, J&K, Govt.	175000	2022-23
AICTE Training and Learning	360000	2021-22
AICTE Training and Learning	600000	2022-23

Patents

Calendar year	2022	2021	2020
No. of Patents Published	6	14	4
No. of Patents Granted	2	3	4

Patents Commercialized & Technology Transferred

Calendar year	2022	2021	2020
No. of Patents Published	2	0	0

Innovations at various stages of Technology Readiness Level

Innovation Name	Stage of technology	Financial Year
Automatic Seed Sowing Machine	Level 9	2022-23
Saffron Processing Machine	Level 9	2022-23
Automatic Seed Sowing Machine	Level 8	2021-22
Saffron Processing Machine	Level 8	2021-22
Automatic Seed Sowing Machine	Level 3	2020-21
Saffron Processing Machine	Level 3	2020-21
JKST&IC, DST, J&K, Govt.	Level 4	2022-23

Ventures/startups grown to turnover of 50 lacs

Name of startups	Company's Turnover	Financial Year
Naik AgriTech Pvt. Ltd.	5000000	2022-23
Safza Golden Spices Saffron Pvt. Ltd.	10000000	2022-23

Move Beyond	1633943	2022-23
OCCASIONS	0	2021-22
Ambur	300000	2020-21
SkyRobo Pvt. Ltd.	500000	2020-21
SMAQSA	0	2020-21
Mentrow	0	2020-21
JK Green Tech	5000000	2022-23

Alumni that are Founders of Forbes/Fortune 500 companies

Name of the Alumni	Program passed from	Year of passing	Founder of company	Year in which company appeared in Forbes / Fortune 500
NA	NA	0	NA	0

Pre-incubation:expenditure/income

Financial Year	2022-23	2021-22	2020-21
Number of Pre-incubation units	50	20	10
Expenditure on pre-incubation activities	1000000	0	0
Income generated by institution through pre-incubation activities	0	0	0

Incubation:expenditure/income

Financial Year	2022-23	2021-22	2020-21
Number of Incubation units	15	0	0
Expenditure on Incubation activities	5000000	0	0
Income generated by institution through Incubation activities	0	0	0

FDP

Academic year	Title of Course	FDP Sponsored /Supported by	Certificate Program Offering Department/Centre/ Unit Name	Program Start Date	Program End Date
2022-23	Research Methodology	HSSM, NIT Srinagar	HSSM, NIT Srinagar	2023-03-06	2023-03-10
2022-23	Design component under MSME	Union MSME	IIED, NIT Srinagar	2023-03-14	2023-03-16
2022-23	Rajbhasha Hindi challenges and solutions	Rajbhasha Cell, NIT Srinagar	Rajbhasha Cell, NIT Srinagar	2023-03-16	2023-03-16
2022-23	Peace Education Program	NIT Srinagar	NIT Srinagar	2023-03-13	2023-03-19
2022-23	Web Development	NIT Srinagar	NIT Srinagar	2023-06-07	2023-06-15
2022-23	Measures to increase the use of official language Hindi in administrative works	NIT Srinagar	NIT Srinagar	2023-06-27	2023-06-27
2022-23	Virtual labs	Department of Physics, NIT Sri	Department of Physics, NIT Sri	2023-06-28	2023-06-28

2022-23	Advancements in Geotechnical and Foundation Engineering for Difficult Ground Conditions	Hydraulic and Industry Instrum	Department of Civil Engineerin	2023-07-29	2023-08-04
2022-23	Fundamentals of Network and System Administration	NIT Srinagar	NIT Srinagar	2023-08-25	2023-08-29
2022-23	AGRI ROBOTICS 2023	Department of CSE, NIT Srinaga	Department of CSE, NIT Srinaga	2023-10-18	2023-10-22
2021-22	Research Methodology in Literature and Humanities	NIT Srinagar	NIT Srinagar	2022-02-28	2022-03-04
2021-22	Contemporary Bussiness Trends (ICCBT2022)	Department of HSS&M NIT Srinag	Department of HSS&M NIT Srinag	2022-05-22	2022-05-23
2021-22	5 Axis CNC Machine	Science and Engineering Resear	Department of Mechanical Engin	2022-03-10	2022-03-17
2021-22	Dassault Simulia	Department of Mechanical Engin	Department of Mechanical Engin	2022-03-14	2022-03-17
2021-22	NGA PRO 3D Bioprinter	Department of Mechanical Engin	Department of Mechanical Engin	2022-03-23	2022-03-24
2021-22	Awareness on patent filing , Start up	Department of Mechanical Engin	Department of Mechanical Engin	2022-03-28	2022-03-28
2021-22	Safety Awareness for field workers of KPDCL	Electrical Engineering and IIE	Electrical Engineering and IIE	2022-04-05	2022-04-05
2021-22	Hand on Session on virtual lab	Department of Physics, NIT Sri	Department of Physics, NIT Sri	2022-04-18	2022-04-18
2021-22	Program Accreditation -an outcome - based approach	Department of Training and Pla	Department of Training and Pla	2022-04-25	2022-04-26
2021-22	Training Workshop on advanced experimental techniques	Deapartment of Physics, NIT Srin	Deapartment of Physics, NIT Srin	2022-05-20	2022-05-26
2021-22	Awareness workshop on the I-Stem protal for the use of R&D resources and formal inaugurates of the STUTI program	Department of Physics, NIT Srin	Deapartment of Physics, NIT Srin	2022-05-23	2022-05-23
2021-22	Awareness workshop on innovation and start ups	IIED, NIT Srinagar	IIED, NIT Srinagar	2022-06-02	2022-06-02
2021-22	Two Week workshop on Yoga	Physical Education, NIT Srinag	Physical Education, NIT Srinag	2022-06-06	2022-06-19
2021-22	Unna Bharat Abhiyan	NIT Srinagar	NIT Srinagar	2022-06-07	2022-06-07
2021-22	STUTI workshop on Material Characterization Techniques	Deaprtment of Physics and Mech	Deaprtment of Physics and Mech	2022-06-27	2022-07-04
2021-22	Recent Trends in Sustainable and Green Technology	Department of Chemical Enginee	Department of Chemical Enginee	2022-06-29	2022-06-29
2021-22	IEEE Int. Conference on STEPS	Electrical Engineering , NIT S	Electrical Engineering , NIT S	2022-07-05	2022-07-07
2021-22	Scientists as film makers and science communication	Department of Physics, NIT Sri	Department of Physics, NIT Sri	2022-08-29	2022-08-31
2021-22	3D printing, nano tribology, characterization of materials	Mechanical Engineering , NIT S	Mechanical Engineering , NIT S	2022-08-29	2022-09-05
2021-22	Computational Techniques in Metallurgical and Materials Engineering	Department of MMED NIT Srinaga	Department of MMED NIT Srinaga	2022-10-07	2022-10-24
2021-22	Low cost, no cost materials	Department of Physics, NIT Sri	Department of Physics, NIT Sri	2022-12-12	2022-12-13
2020-21	Contemporary Business Trends(ICCBT2021)	NIT Srinagar	Department of HSS&M	2021-01-16	2021-01-17
2020-21	Research Methodology	NIT Srinagar	NIT Srinagar	2021-08-23	2021-01-27

2020-21	Journey from semiconductor physics to smart devices, intelligent automation	Department of Physics NIT Srin	Department of Physics NIT Srin	2021-05-01	2021-05-05
2020-21	Mercury as a global pollutant of the Minamata Convention	LMN, NIT Srinagar	LMN, NIT Srinagar	2021-06-19	2021-06-19
2020-21	Artificial Intelligence begins	AICTE in collaboration with AT	Department of Electrical, NIT	2021-07-05	2021-07-11
2020-21	Career opportunities in core, non-core sectors	Department of Chemical Enginee	Department of Chemical Enginee	2021-07-27	2021-08-02
2020-21	Opportunity and Challenges for electric vehicles in automotive	AICTE and ATAL	Department of Mechanical Engin	2021-07-29	2021-08-03
2020-21	Emerging Technologies	NIT Srinagar	NIT Srinagar	2021-09-01	2021-09-01
2020-21	Multi-Physics analysis of electrical machine using ANSYS Software and PLECS Simulation tool for power Electronics Applications	Science and Engineering Resear	Department of Electrical Engin	2021-10-27	2021-11-03
2020-21	Entrepreneurship, research and Innovation	IEDC, NIT Srinagar	IEDC, NIT Srinagar	2021-10-31	2021-10-31
2020-21	5G and IoT	AICTE	Department of Information Tech	2021-12-09	2021-12-13
2021-22	Research methodology in literary studies, humanities	Department of HSS&M, NIT Srina	Department of HSS&M, NIT Srina	2022-03-22	2022-03-29
2022-23	Workshop on Digital Transformation of Education in J&K : Vision 2025	UNICEF, Startup Move Beyond an	IIED Centre, NIT Srinagar	2022-12-18	2022-12-19
2022-23	Launch of Mazilien Career Portal 2.0	UNICEF, Startup Move Beyond	IIED Centre, NIT Srinagar	2022-12-07	2022-12-07
2022-23	Career Conclave 2022	UNICEF, Startup Move Beyond an	IIED Centre, NIT Srinagar	2022-12-16	2022-12-16
2022-23	Career Guidance and Counselling Orientation Training for Govt Teachers	UNICEF, Startup Move Beyond an	IIED Centre, NIT Srinagar	2023-02-06	2023-02-08
2022-23	4 Extension Lectures : Promoting Scientific Career Decision Making Among Students through Knowledge Intervention	Startup Move Beyond and Reform	IIED Centre, NIT Srinagar	2022-05-01	2023-02-01
2021-22	Workshop on Formulation of Career Indexing Tool	JKST&IC, DST, J&K GOVT., Start	IIED Centre, NIT Srinagar	2022-03-20	2022-03-20
2021-22	Career Development Workshop at Tyndale Biscoe and Mallinson School Srinagar	Startup Move Beyond and Reform	IIED Centre, NIT Srinagar	2022-06-12	2022-06-12
2021-22	Career Development Workshop at Tyndale Biscoe and Mallinson School Tangmarg	Startup Move Beyond and Reform	IIED Centre, NIT Srinagar	2022-06-27	2022-06-27
2021-22	Career Development Workshop at GD Goenka Public School	Startup Move Beyond and Reform	IIED Centre, NIT Srinagar	2022-06-20	2022-06-20
2021-22	Career Development Workshop at Jamia Islamia Public School	Startup Move Beyond and Reform	IIED Centre, NIT Srinagar	2022-11-25	2022-11-25

Academic Courses in Innovation, Entrepreneurship and IPR

Academic year	Title of Course	Course Code	Type of Course	Level of Course(UG/PG/PhD)	Course Offering Department/Centre/ UnitName	Total Credit Score
2020-21	Innovation Management	MTIEM-202	Core Course	Masters(PG)	HSSM IIEDC	4
2020-21	Start-up Formation and Scalability	MTIEM-301	Core Course	Masters(PG)	HSSM IIED Centre	4

2020-21	Workshop Technologies	MTIEM-104	Core Course	Masters(PG)	HSSM IIED Centre	4
2020-21	Innovation and Start-up Policy Framework	MTIEM-302	Core Course	Masters(PG)	HSSM IIED Centre	5
2020-21	Design Thinking	MTIEM-102	Core Course	Masters(PG)	IIEDC Management Studies	4

Faculty Detail

Number of faculty members entered	260
-----------------------------------	-----