

National Institutional Ranking Framework

Ministry of Education

Government of India

Welcome to Data Capturing System: INNOVATION

Submitted Institute Data for NIRF'2024'

Institute Name: Indian Institute of Space Science and Technology [IR-I-U-0255]

Sanctioned (Approved) Intake

Academic Year	2022-23	2021-22	2020-21	2019-20	2018-19	2017-18
UG [4 Years Program(s)]	144	134	132	132	-	-
UG [5 Years Program(s)]	24	22	22	22	20	-
PG [2 Year Program(s)]	255	165	-	-	-	-

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)]	475	47	522	40	482	0	68	258	317	0	0	9
UG [5 Years Program(s)]	92	6	98	8	90	0	8	53	60	0	0	1
PG [2 Year Program(s)]	178	53	231	46	185	0	17	90	97	9	0	1

Start up recognized by DPIIT/startup India

Name of Venture	Year of recognition by DPIIT/startup India	DPIIT/Start up India Registration No.
Vashishtha Research PVT Ltd	2020-21	39709
Spacetime 4D Printing solutions LLP	2021-22	95771
Intercosmos Space Exploration Technologies Pvt. Lt	2022-23	105666
Specruple Scientific Pvt Ltd	2022-23	118534
Spacecurve Technologies India Pvt. Ltd.	2022-23	128916

Startups which have got VC investment in previous 3/5 years

Name of startups	Amount received	Organisation Name	Year of receiving VC investment
NA	0	NA	2022-23
NA	0	NA	2021-22
NA	0	NA	2020-21

FDI investment in previous 3/5 years

Name of startups	FDI investment received	Year of receiving FDI investment
NA	0	2022-23
NA	0	2021-22
NA	0	2020-21

Innovation grant received from govt. organization in previous 3/5 years

Name of Government organisation from which grant is received	Amount of Grant received	Year of receiving grant
DRDO TDF	9000000	2022-23
Kerala Startup Mission	2000000	2021-22
AIM Niti Aayog	2000000	2021-22

Patents

Calendar year	2022	2021	2020
No. of Patents Published	1	1	0
No. of Patents Granted	1	1	4

Innovations at various stages of Technology Readiness Level

Number of innovations	Stage of technology
IoT Enabled Biomedical Wearable Clothing System for Healthcare Assistance	Level 4
Onboard Electric Propulsion Diagnostics (IDM)	Level 6
IDM mehcanical structure (qualified for PSLV, PS4)	Level 6
IDM electronics board for signal conditioning and control (qualified for PSLV, PS4)	Level 5
OBC for PILOT	Level 9
PSLV-Interface for PILOT	Level 9
Data Aquisition System for PILOT	Level 9
Additive Manufactured Structure for PILOT	Level 9
Flight S/W for PILOT	Level 9
UHF Transceiver for AHAN	Level 4
EPS for AHAN	Level 5
Airbearing with internal storage for Ground Segment	Level 7
Test Airbearing with external compressor for Ground Segment	Level 7
GMC	Level 3
Star Sensor for ADCS	Level 3
Earth/Sun Sensor for ADCS	Level 3
Remote Ground Station for Ground Segment	Level 9

Ionospheric plasma analyser payload: ARIS	Level 9
ARIS mechanical structure (qualified for PSLV, PS4)	Level 9
ARIS electronics board for signal conditioning and control (qualified for PSLV, PS4)	Level 9
OBC for PILOT	Level 7
PSLV-Interface for PILOT	Level 5
EPS for AHAN	Level 5
Subtractive manufactured 3U structure for AHAN	Level 4
Subtractive manufactured 1U for Prototype	Level 4
GMC payload for Ground	Level 5
Antenna Deployment Module 3D printed for AHAN	Level 4
Antenna Deployment Module with Delrin material for AHAN	Level 4
OBC for InspireSat1	Level 9
EPS for InspireSat1	Level 9
In situ Ground Station for Ground Segment	Level 9
Novel Bio-Sensor for Detection of creatinine	Level 4
Plasma diagnostics sensors: Faraday Probe and signal processing electron	Level 9
Plasma diagnostics sensors: Langmuir probe and signal processing electron	Level 9
Plasma diagnostics sensors: RPA Probe and signal processing electron	Level 9
Plasma diagnostics sensors: ExB Probe and signal processing electron	Level 9
Plasma diagnostics sensors: Energy correlated mass spectrometer and signal processing electron	Level 9
Charge exchange plasma source for payload characterisation	Level 9
Cold Gas Thruster for AAReST	Level 7
OBC for PILOT	Level 5
Flight S/W for IS-0	Level 7
OBC for InspireSat1	Level 7
EPS for InspireSat1	Level 7
In situ Ground Station for Ground Segment	Level 7
A process for the preparation of Microcellular Carbon foams	Level 4
Fructose Specific Binding Nanoparticle	Level 4
Multipurpose resilient elasto-magnetic-abrasive spheres for fine finishing of surfaces	Level 4
Nanoparticles Functionalized with Cholesterol specific binding agents	Level 4
Surface Discharge Sparkplug	Level 6
Atomic Layer Deposition	Level 7

Hydrogen Sensor	Level 5
-----------------	---------

Ventures/startups grown to turnover of 50 lacs

Name of startups	Company's Turnover	Financial Year
NA	0	2022-23
NA	0	2021-22
NA	0	2020-21

Alumni that are Founders of Forbes/Fortune 500 companies

Name of the Alumni	Program passed from	Year of passing	Founder of company
NA	NA	0	NA

Pre-incubation:expenditure/income

Financial Year	2022-23	2021-22	2020-21
Number of Pre-incubation units	5	3	1
Expenditure on pre-incubation activities	0	1141000	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	5	1	0
Expenditure on Incubation activities	0	0	0
Income generated by institution through Incubation activities	0	0	0

Faculty Details

Srno	Name	Age	Designation	Gender	Qualification	Experience (In Months)	Currently working with institution?	Joining Date	Leaving Date	Association type
1	Anandmayee Tej	54	Professor	Female	Ph.D	270	Yes	10-09-2007	--	Regular
2	Ashok Kumar	41	Associate Professor	Male	Ph.D	142	Yes	01-02-2019	--	Regular
3	Chinmoy Saha	45	Associate Professor	Male	Ph.D	234	Yes	05-02-2013	--	Regular
4	Dinesh N Naik	39	Associate Professor	Male	Ph.D	138	Yes	28-03-2017	--	Regular
5	Harsha Simha M S	41	Associate Professor	Male	Ph.D	167	Yes	04-07-2013	--	Regular
6	Kuntala Bhattacharjee	49	Associate Professor	Female	Ph.D	275	Yes	27-09-2012	--	Regular
7	Manoj T Nair	55	Professor	Male	Ph.D	302	Yes	11-04-2013	--	Regular
8	Nirmala Rachel James	54	Professor	Female	Ph.D	272	Yes	05-09-2007	--	Regular

9	Prosenjith Das	43	Associate Professor	Male	Ph.D	167	Yes	23-07-2012	--	Regular
10	Rama Rao Nidamanuri	49	Professor	Male	Ph.D	222	Yes	01-02-2010	--	Regular
11	Sam Dayala Dev	60	Dean / Principal / Director / Vice Chancellor	Male	Ph.D		No	20-01-2022	20-09-2022	Regular
12	Satheesh K	44	Associate Professor	Male	Ph.D	175	Yes	26-12-2012	--	Regular
13	Sooraj R	46	Associate Professor	Male	Ph.D	146	Yes	01-07-2015	--	Regular
14	Sumitra S	51	Associate Professor	Female	Ph.D	194	Yes	29-06-2012	--	Regular
15	Anand N	44	Professor	Male	Ph.D	242	Yes	16-08-2010	--	Regular
16	Aravind V	42	Professor	Male	Ph.D	179	Yes	25-06-2009	--	Regular
17	Chandrasekar A	62	Dean / Principal / Director / Vice Chancellor	Male	Ph.D	421	Yes	01-07-2009	--	Regular
18	Dhayalan R	39	Assistant Professor	Male	Ph.D	100	Yes	01-12-2017	--	Regular
19	Govindan Kutty M	40	Associate Professor	Male	Ph.D	210	Yes	28-01-2014	--	Regular
20	Kaushik Mukherjee	42	Associate Professor	Male	Ph.D	154	Yes	27-09-2011	--	Regular
21	Manoj B S	50	Professor	Male	Ph.D	242	Yes	17-01-2011	--	Regular
22	Naveen Surendran	50	Associate Professor	Male	Ph.D	238	Yes	25-11-2011	--	Regular
23	Priyadarshnam	49	Professor	Male	Ph.D	187	Yes	17-08-2011	--	Regular
24	Raju K George	62	Dean / Principal / Director / Vice Chancellor	Male	Ph.D	345	Yes	05-09-2007	--	Regular
25	Sakthivel K	43	Associate Professor	Male	Ph.D	177	Yes	17-10-2016	--	Regular
26	Sarvesh Kumar	45	Associate Professor	Male	Ph.D	182	Yes	27-05-2011	--	Regular
27	Solomon Ivan	44	Associate Professor	Male	Ph.D	239	Yes	23-10-2013	--	Regular
28	Sudheesh Chethyl	46	Professor	Male	Ph.D	197	Yes	25-02-2010	--	Regular
29	Y V N Krishna Murthy	65	Professor	Male	Ph.D	425	No	14-09-2018	13-09-2023	Adhoc / Contractual
30	Anindya Dasgupta	45	Associate Professor	Male	Ph.D	141	Yes	18-12-2013	--	Regular
31	Basudeb Ghosh	44	Professor	Male	Ph.D	168	Yes	22-12-2011	--	Regular
32	Deepak Mishra	45	Professor	Male	Ph.D	209	Yes	20-08-2010	--	Regular
33	Gigy J Alex	46	Associate Professor	Female	Ph.D	240	Yes	05-09-2007	--	Regular
34	Jagadheep D	45	Professor	Male	Ph.D	199	Yes	10-10-2011	--	Regular
35	Kuruvilla Joseph	59	Dean / Principal / Director / Vice Chancellor	Male	Ph.D	359	Yes	12-09-2007	--	Regular
36	Mary Gladis J	47	Associate Professor	Female	Ph.D	279	Yes	22-12-2011	--	Regular
37	Prabhakaran K	52	Professor	Male	Ph.D	271	Yes	16-03-2009	--	Regular

38	Rajeevan Puthen Purayil	56	Professor	Male	Ph.D	259	Yes	01-01-2013	--	Regular
39	Raveendranath P	60	Other	Male	Ph.D	428	No	01-01-2010	30-06-2023	Regular
40	Sam Noble	40	Reader	Male	Ph.D	197	Yes	26-06-2009	--	Adhoc / Contractual
41	Selvaganesan N	48	Professor	Male	Ph.D	240	Yes	04-03-2008	--	Regular
42	Sourin Mukhopadhyay	44	Associate Professor	Male	Ph.D	176	No	30-11-2016	31-03-2023	Regular
43	Unnikrishnan Nair S	60	Dean / Principal / Director / Vice Chancellor	Male	Ph.D	464	Yes	20-09-2022	--	Regular
44	Anup S	52	Professor	Male	Ph.D	332	Yes	09-09-2009	--	Regular
45	Bijudas C R	49	Associate Professor	Male	Ph.D	316	Yes	07-09-2007	--	Regular
46	Deepu M	45	Professor	Male	Ph.D	269	Yes	03-03-2008	--	Regular
47	Gnanappazham L	53	Professor	Female	Ph.D	348	Yes	06-07-2009	--	Regular
48	Jinesh K B	45	Associate Professor	Male	Ph.D	197	Yes	01-07-2013	--	Regular
49	Lekshmi V Nair	48	Professor	Female	Ph.D	271	Yes	06-09-2010	--	Regular
50	Narayanamurthy C S	62	Professor	Male	Ph.D	415	Yes	15-09-2007	--	Regular
51	Prathap C	46	Associate Professor	Male	Ph.D	261	Yes	04-02-2013	--	Regular
52	Rajesh Sadanandan	47	Associate Professor	Male	Ph.D	267	Yes	05-09-2014	--	Regular
53	Resmi L	46	Associate Professor	Female	Ph.D	202	Yes	30-12-2011	--	Regular
54	Sandhya K Y	49	Professor	Female	Ph.D	249	Yes	04-02-2009	--	Regular
55	Sheeba Rani J	48	Associate Professor	Female	Ph.D	299	Yes	09-09-2007	--	Regular
56	Subrahmanian Moosath K S	59	Professor	Male	Ph.D	397	Yes	03-09-2008	--	Regular
57	Vineeth B S	38	Associate Professor	Male	Ph.D	112	Yes	14-06-2017	--	Regular
58	Anoop C S	37	Associate Professor	Male	Ph.D	180	Yes	19-05-2016	--	Regular
59	Basudev Majumder	37	Associate Professor	Male	Ph.D	78	Yes	27-12-2017	--	Regular
60	Deepak T G	52	Professor	Male	Ph.D	314	Yes	05-09-2007	--	Regular
61	Girish B S	44	Associate Professor	Male	Ph.D	242	Yes	24-04-2010	--	Regular
62	Jayanthi S	49	Associate Professor	Female	Ph.D	149	Yes	05-07-2013	--	Regular
63	Lakshmi Narayanan R	46	Associate Professor	Male	Ph.D	168	Yes	16-11-2011	--	Regular
64	Muruges S	50	Professor	Male	Ph.D	322	Yes	01-06-2009	--	Regular
65	Pradeep Kumar P	50	Associate Professor	Male	Ph.D	212	Yes	05-12-2012	--	Regular
66	Rajesh Joseph Abraham	47	Associate Professor	Male	Ph.D	284	Yes	30-06-2009	--	Regular
67	Ravi V	49	Professor	Male	Ph.D	272	Yes	28-09-2010	--	Regular

68	Samir Mandal	48	Professor	Male	Ph.D	197	Yes	01-02-2010	--	Regular
69	Shaijumon C S	49	Associate Professor	Male	Ph.D	233	Yes	10-09-2007	--	Regular
70	Sreejalekshmi K G	46	Professor	Female	Ph.D	276	Yes	05-09-2007	--	Regular
71	Vani Devi M	45	Assistant Professor	Female	Ph.D	258	Yes	13-09-2007	--	Regular
72	Abdusamad Alias Salih	61	Professor	Male	Ph.D	411	Yes	03-03-2008	--	Regular
73	Apoorva Nagar	46	Associate Professor	Male	Ph.D	195	Yes	12-05-2012	--	Regular
74	Chakravarthy P	42	Professor	Male	Ph.D	177	Yes	15-02-2010	--	Regular
75	Devendra Prakash Ghate	44	Assistant Professor	Male	Ph.D	118	Yes	02-06-2017	--	Regular
76	Gomathi N	47	Professor	Female	Ph.D	245	Yes	09-09-2010	--	Regular
77	Jobin Cyriac	45	Professor	Male	Ph.D	186	Yes	04-04-2012	--	Regular
78	Maresh S	39	Associate Professor	Male	Ph.D	108	Yes	26-05-2016	--	Regular
79	Natarajan E	42	Associate Professor	Male	Ph.D	180	Yes	02-02-2011	--	Regular
80	Praveen Krishna I R	48	Associate Professor	Male	Ph.D	217	Yes	02-09-2013	--	Regular
81	Rajesh V J	46	Professor	Male	Ph.D	238	Yes	15-02-2010	--	Regular
82	Sabu N	51	Professor	Male	Ph.D	217	Yes	05-09-2007	--	Regular
83	Sarita Vig	47	Professor	Female	Ph.D	193	Yes	25-02-2010	--	Regular
84	Shine S R	50	Associate Professor	Male	Ph.D	331	Yes	07-09-2007	--	Regular
85	Sudharshan Kaarthik R	35	Associate Professor	Male	Ph.D	97	Yes	27-02-2017	--	Regular
86	Vinoth B R	45	Associate Professor	Male	Ph.D	155	Yes	05-12-2012	--	Regular
87	Anil Kumar C V	55	Professor	Male	Ph.D	362	Yes	05-09-2007	--	Regular
88	Babitha Justin	48	Associate Professor	Female	Ph.D	255	Yes	10-09-2007	--	Regular
89	Chris Prema	44	Associate Professor	Female	Ph.D	252	Yes	01-12-2017	--	Regular
90	G Ayyappan	63	Professor	Male	Ph.D	487	No	04-03-2020	03-03-2023	Adhoc / Contractual
91	Immanuel Raja	33	Assistant Professor	Male	Ph.D	66	Yes	28-02-2019	--	Regular
92	Kurien Issac K	64	Professor	Male	Ph.D	421	No	13-07-2009	30-09-2023	Regular
93	Manu K V	41	Associate Professor	Male	Ph.D	121	Yes	06-05-2016	--	Regular
94	Palash Kumar Basu	43	Associate Professor	Male	Ph.D	198	Yes	20-11-2013	--	Regular
95	Puna Ram Sinha	42	Assistant Professor	Male	Ph.D	196	Yes	21-01-2019	--	Regular
96	Ramiya A M	38	Associate Professor	Female	Ph.D	187	Yes	04-12-2017	--	Regular
97	Sam K Zachariah	58	Other	Male	Ph.D	431	Yes	01-01-2010	--	Regular
98	Seena V	43	Associate Professor	Female	Ph.D	177	Yes	12-09-2012	--	Regular
99	Sooraj V S	41	Associate Professor	Male	Ph.D	209	Yes	10-06-2015	--	Regular

100	Umesh R Kadhane	47	Professor	Male	Ph.D	204	Yes	01-06-2010	--	Regular
-----	-----------------	----	-----------	------	------	-----	-----	------------	----	---------