

# 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 TECHNOLOGY, TIRUPATI [IR-I-U-0844]

### Sanctioned (Approved) Intake

Academic Year	2022-23	2021-22	2020-21	2019-20	2018-19	2017-18
UG [4 Years Program(s)]	237	237	237	203	-	-
PG [2 Year Program(s)]	189	175	-	-	-	-

### 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)]	680	172	852	320	532	0	130	440	0	512	7	51
PG [2 Year Program(s)]	266	66	332	100	232	0	23	144	1	82	0	84

### Start up recognized by DPIIT/startup India

Name of Venture	Year of recognition by DPIIT/startup India	DPIIT/Start up India Registration No.
Auto Composites Pvt. Ltd.	2022-23	DIPP132381
BluJ Aerospace Pvt. Ltd.	2021-22	U35300TG2022PTC162582
ASN FUELS Pvt. Ltd.	2020-21	44844
NGEN WATER SOLUTIONS PRIVATE LIMITED	2022-23	DIPPI28442

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

Name of startups	Amount received	Organisation Name	Year of receiving VC investment
ASN FUELS Pvt Ltd	10000000	HINDUSTAN PETROLEUM CORPORATION LIMITED	2020-21
BluJ Aerospace Pvt Ltd	183291900	Endiya Partners; Idea spring; Rain matter	2022-23

### FDI investment in previous 3/5 years

Name of startups	FDI investment received	Year of receiving FDI investment
Not Applicable	0	2022-23

### 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
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ASN FUELS PRIVATE LIMITED	10000000	2020-21
NGEN WATER SOLUTIONS PRIVATE LIMITED	800000	2022-23

### Patents

Calendar year	2022	2021	2020
No. of Patents Published	1	3	0
No. of Patents Granted	1	0	1

### Innovations at various stages of Technology Readiness Level

Number of innovations	Stage of technology
Sand casting of surface alloyed valve with improved hardness and corrosion resistance by incorporating metal powders in-mold coatings	Level 3
Reverse cladding of 304 stainless steel to LM25 aluminium alloy through die-casting	Level 3
Corrosion Resistant Economical Surface Alloying Coatings for Water Valves During Manufacturing	Level 4
Development of portable and compact thermal air sterilizer	Level 6
Capacitive deionization for water purification in residence	Level 3
Innovative Smart Laundry System	Level 4
Conceptual Design & Structural Components Manufacturing	Level 3
Prototype design and Manufacturing of VTOL	Level 8
TUBE MANIFOLD REACTOR	Level 6
LOOP REACTOR	Level 6
Capacitive Deionization for clean drinking water	Level 9
Advanced Surface Alloy Coatings during Manufacturing for Water Industry Components	Level 4
Attitued estimation using inertial sensors	Level 4
Modified-asphalt-rubber	Level 7
Pervious Concrete	Level 7
Production of 2G Bioethanol by a Continuous Process & Novel Equipment	Level 6

### Ventures/startups grown to turnover of 50 lacs

Name of startups	Company's Turnover	Financial Year
NGEN WATER SOLUTIONS PRIVATE LIMITED	5266050	2022-23

### 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	1	0	0
Expenditure on pre-incubation activities	1211000	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	1	0	0
Expenditure on Incubation activities	0	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	ATAL -A Two week FDP on Additive and smart manufacturing for biomedical applications.	ATAL, AICTE	Mechanical Engineering	2022-11-14	2022-11-25
2021-22	ATAL FDP on Building and Sustaining Technology Ventures	AICTE	Centre for Continuing Educatio	2021-08-16	2021-08-20
2021-22	ATAL FDP on	AICTE	Mechanical Engineering	2021-12-06	2021-12-10
2022-23	ATAL- A Two-Week Faculty development programme on Developing Leadership and Team Management	ATAL, AICTE	Humanities and Social Sciences	2022-12-05	2022-12-16
2021-22	ATAL FDP-A Five-Day Workshop on Capacity Building Through Academic and Research Writing	ATAL, AICTE	Humanities and Social Sciences	2021-09-10	2021-09-14

**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 and Entrepreneurship	ID5022	Elective Course	PG	Interdisciplinary	3
2022-23	DESIGN THINKING	ID504L	Elective Course	PG	Interdisciplinary	3

**Faculty Details**

Srno	Name	Age	Designation	Gender	Qualification	Experience (In Months)	Currently working with institution?	Joining Date	Leaving Date	Association type
1	ANANYA LAHIRI	41	Assistant Professor	Female	Ph.D	138	Yes	16-08-2018	--	Regular
2	ARUN KUMAR MANNA	39	Assistant Professor	Male	Ph.D	132	Yes	28-06-2017	--	Regular

3	BADARLA VENKATA RAMANA	51	Associate Professor	Male	Ph.D	192	Yes	28-08-2017	--	Regular
4	BRINDHA M	31	Assistant Professor	Female	Ph.D	37	Yes	22-05-2023	--	Regular
5	GORTHI VRMS SUBRAHMANYAM	42	Assistant Professor	Male	Ph.D	120	Yes	23-06-2017	--	Regular
6	JAYNARAYAN THAKURDAS TUDU	40	Assistant Professor	Male	Ph.D	72	Yes	19-07-2018	--	Regular
7	KRISHNA KISHORE G V	40	Assistant Professor	Male	Ph.D	96	Yes	11-12-2019	--	Regular
8	MITIKIRI YUJENDRA	43	Assistant Professor	Male	Ph.D	246	Yes	17-06-2021	--	Regular
9	NASINA VENKAIAH	50	Associate Professor	Male	Ph.D	156	Yes	10-07-2017	--	Regular
10	P S SAIKRISHNA	43	Assistant Professor	Male	Ph.D	84	Yes	23-06-2017	--	Regular
11	PRASHANTH VOOKA	36	Assistant Professor	Male	Ph.D	90	Yes	26-07-2017	--	Regular
12	REETESH KUMAR GANGWAR	39	Assistant Professor	Male	Ph.D	132	Yes	26-11-2018	--	Regular
13	SANCHAYAN NATH	42	Assistant Professor	Male	Ph.D	68	Yes	08-07-2021	--	Regular
14	SHILPAK BANERJEE	40	Assistant Professor	Male	Ph.D	73	Yes	10-01-2022	--	Regular
15	SRUJANA KAGITA	37	Assistant Professor	Female	Ph.D	84	Yes	01-01-2021	--	Regular
16	V R GANESAN	61	Professor	Male	Ph.D	414	Yes	19-08-2021	--	Other
17	VISHNU C R	33	Assistant Professor	Male	Ph.D	28	Yes	13-07-2023	--	Regular
18	AJIN GEORGE JOSEPH	41	Assistant Professor	Male	Ph.D	66	Yes	03-09-2019	--	Regular
19	ARIJIT SHARMA	42	Assistant Professor	Male	Ph.D	120	Yes	22-10-2018	--	Regular
20	B Yegnanarayana	79	Other	Male	Ph.D	516	Yes	04-08-2021	--	Other
21	BIJILY B	36	Assistant Professor	Female	Ph.D	72	Yes	28-06-2018	--	Regular
22	GADHAMSETTY RAMAKRISHNA	40	Assistant Professor	Male	Ph.D	108	Yes	01-12-2017	--	Regular
23	ISHAPATHIK DAS	41	Assistant Professor	Male	Ph.D	120	Yes	12-06-2018	--	Regular
24	KOTESWARA RAO BOMMISETTI	41	Assistant Professor	Male	Ph.D	156	Yes	03-07-2017	--	Regular
25	MAJETY N V VINAY PRAMOD	33	Assistant Professor	Male	Ph.D	96	Yes	03-09-2018	--	Regular
26	NARENDRA SINGH	37	Assistant Professor	Male	Ph.D	72	Yes	04-08-2020	--	Regular
27	P GANDEEPAN	38	Assistant Professor	Male	Ph.D	132	Yes	23-12-2019	--	Regular
28	PRASENJIT MONDAL	35	Assistant Professor	Male	Ph.D		No	24-08-2021	30-08-2022	Regular
29	RAVISANKAR M	44	Associate Professor	Male	Ph.D	138	Yes	17-01-2019	--	Regular
30	S UDAY KUMAR	35	Assistant Professor	Male	Ph.D	81	Yes	18-11-2021	--	Regular

31	SHIHABUDHEEN MUNDAMPRA MALIYEKKAL	46	Assistant Professor	Male	Ph.D	180	Yes	10-08-2017	--	Regular
32	SRIRAM S	38	Assistant Professor	Male	Ph.D	120	Yes	03-07-2017	--	Regular
33	V MAHENDRAN	42	Assistant Professor	Male	Ph.D	120	Yes	01-06-2018	--	Regular
34	VIR ANIL BABASAHEB	36	Assistant Professor	Male	Ph.D	72	Yes	01-10-2020	--	Regular
35	AJAY KUMAR	38	Assistant Professor	Male	Ph.D	90	Yes	02-12-2019	--	Regular
36	ARAVINDA S	36	Assistant Professor	Male	Ph.D	77	Yes	06-08-2021	--	Regular
37	B RAVINDER	39	Assistant Professor	Male	Ph.D	90	Yes	27-06-2019	--	Regular
38	BIBHUTI MARY KACHHAP	34	Assistant Professor	Female	Ph.D	48	Yes	22-07-2021	--	Regular
39	DURGA PRASAD CHALLA	38	Assistant Professor	Male	Ph.D	114	Yes	28-06-2017	--	Regular
40	GURUGUBELLI VIJAYA KUMAR	37	Assistant Professor	Male	Ph.D	78	Yes	09-10-2019	--	Regular
41	KAUSHIK PAL	33	Assistant Professor	Male	Ph.D	51	Yes	17-07-2023	--	Regular
42	MACHAVARAM VENKATA KARTIKEYAN	62	Professor	Male	Ph.D		No	03-10-2020	06-10-2022	Regular
43	NALLAMILI TRIVIKRAM REDDY	38	Assistant Professor	Male	Ph.D	72	Yes	19-11-2020	--	Regular
44	P C DESHMUKH	72	Professor	Male	Ph.D	557	Yes	01-05-2022	--	Other
45	PRABHA SHANKAR DWIVEDI	37	Assistant Professor	Male	Ph.D	90	Yes	07-08-2017	--	Regular
46	RANJAN KRISHNA MODAK	36	Assistant Professor	Male	Ph.D	86	Yes	21-10-2021	--	Regular
47	S RAJESH	40	Assistant Professor	Male	Ph.D	102	Yes	23-06-2017	--	Regular
48	SHAON SAHOO	38	Assistant Professor	Male	Ph.D	126	Yes	04-01-2019	--	Regular
49	SRIKRISHNA BERA	33	Assistant Professor	Male	Ph.D	76	Yes	03-01-2022	--	Regular
50	THIYAGARAJAN R	34	Assistant Professor	Male	Ph.D	52	Yes	16-07-2021	--	Regular
51	VIKRAMKUMAR PUDI	36	Assistant Professor	Male	Ph.D	108	Yes	14-11-2018	--	Regular
52	ADAPA MURALIKRISHNA	48	Professor	Male	Ph.D	186	Yes	24-05-2019	--	Regular
53	ANILKUMAR EMADABATHUNI	46	Professor	Male	Ph.D	156	Yes	05-10-2017	--	Regular
54	B JANAKI RAMAIAH	38	Assistant Professor	Male	Ph.D	72	Yes	12-06-2018	--	Regular
55	BHARATHKUMAR C	47	Associate Professor	Male	Ph.D	168	Yes	14-08-2018	--	Regular
56	DEBASISH MONDAL	40	Assistant Professor	Male	Ph.D	132	Yes	17-08-2017	--	Regular

57	GOVIND NARAYAN SAHU	31	Assistant Professor	Male	Ph.D	7	Yes	12-07-2023	--	Regular
58	KARUMANCHI SMS RAGHAVARAO	63	Professor	Male	Ph.D	438	Yes	07-10-2020	--	Regular
59	M NABIL	37	Assistant Professor	Male	Ph.D	108	Yes	22-08-2019	--	Regular
60	N BALA KRISHNA	60	Professor	Male	Ph.D	367	Yes	31-07-2023	--	Adhoc / Contractual
61	NILESH CHOUDHARY	34	Assistant Professor	Male	Ph.D	56	Yes	20-09-2021	--	Regular
62	PARTHAJIT MOHAPATRA	42	Assistant Professor	Male	Ph.D	102	Yes	27-07-2018	--	Regular
63	RAHUL ABHIJIT SIROHI	39	Assistant Professor	Male	Ph.D	108	Yes	11-10-2017	--	Regular
64	S PRASANNA VENKATESH	40	Assistant Professor	Male	Ph.D	114	Yes	23-06-2017	--	Regular
65	SHAILENDRA KUMAR SINGH	35	Assistant Professor	Male	Ph.D	45	Yes	27-12-2021	--	Regular
66	SRIDHAR CHIMALAKONDA	39	Assistant Professor	Male	Ph.D	78	Yes	05-06-2018	--	Regular
67	SURESH JAIN	48	Professor	Male	Ph.D	192	Yes	14-09-2018	--	Regular
68	VENKAIAH CHINTALAPUDI	39	Assistant Professor	Male	Ph.D	107	Yes	31-12-2021	--	Regular
69	ABHISHEK KUMAR JHA	40	Assistant Professor	Male	Ph.D	78	Yes	01-01-2021	--	Regular
70	ANIKET UDAY JOGLEKAR	35	Assistant Professor	Male	Ph.D	72	Yes	18-02-2022	--	Regular
71	AVULAPATI MADAN MOHAN	43	Assistant Professor	Male	Ph.D	126	Yes	23-06-2017	--	Regular
72	BEHERA PRASANNA KUMAR	31	Assistant Professor	Male	Ph.D	29	Yes	18-08-2021	--	Regular
73	CHANDRA SEKHAR BAHINIPATI	41	Assistant Professor	Male	Ph.D	102	Yes	04-09-2017	--	Regular
74	GOURI PRASANNA ROY	46	Associate Professor	Male	Ph.D	192	Yes	17-01-2020	--	Regular
75	KALIDAS Y	42	Assistant Professor	Male	Ph.D	144	Yes	02-08-2017	--	Regular
76	LT GEN ANIL KAPOOR	62	Professor	Male	Ph.D	484	Yes	10-01-2022	--	Other
77	MUTHUKUMAR P	48	Professor	Male	Ph.D	220	Yes	25-05-2022	--	Regular
78	NETI VL NARASIMHA MURTY	42	Associate Professor	Male	Ph.D	174	Yes	25-09-2017	--	Regular
79	PANCHATCHARAM M	39	Assistant Professor	Male	Ph.D	126	Yes	10-09-2018	--	Regular
80	RAGHAVENDRA K	40	Assistant Professor	Male	Ph.D	72	Yes	31-07-2019	--	Regular

81	RUDRASEKHAR MANNA	39	Assistant Professor	Male	Ph.D	138	Yes	03-10-2017	--	Regular
82	SASIDHAR GUMMA	47	Professor	Male	Ph.D	240	Yes	22-01-2020	--	Regular
83	SOURAV CHAKRABORTY	36	Assistant Professor	Male	Ph.D	81	Yes	20-09-2021	--	Regular
84	SUMIT GIRI	36	Assistant Professor	Male	Ph.D		No	03-09-2018	28-10-2022	Regular
85	VANEET KASHYAP	38	Associate Professor	Male	Ph.D	96	Yes	03-09-2018	--	Regular
86	ADLURU RAGHURAMA RAJU	65	Professor	Male	Ph.D	438	Yes	07-02-2020	--	Adhoc / Contractual
87	ANUP BASAK	40	Assistant Professor	Male	Ph.D	96	Yes	29-07-2019	--	Regular
88	B KRISHNA PRAPOORNA	40	Associate Professor	Male	Ph.D	174	Yes	24-07-2017	--	Regular
89	BHUKTARE SWAPNIL SOPANRAO	32	Assistant Professor	Male	Ph.D	66	Yes	26-12-2019	--	Regular
90	DEGALA VENKATA KIRAN	40	Assistant Professor	Male	Ph.D	138	Yes	02-08-2017	--	Regular
91	GOWRI A	43	Associate Professor	Female	Ph.D	144	Yes	09-08-2018	--	Regular
92	KATHA ANKI REDDY	43	Associate Professor	Male	Ph.D	166	Yes	12-08-2021	--	Regular
93	M NITHYADHARAN	42	Assistant Professor	Male	Ph.D	132	Yes	23-06-2017	--	Regular
94	N N KISHORE	73	Professor	Male	Ph.D	557	Yes	01-07-2022	--	Other
95	NIPPATLAPALLI NARASAMMA	31	Assistant Professor	Female	Ph.D	17	Yes	10-05-2023	--	Regular
96	POOJA VYAVAHARE	39	Assistant Professor	Female	Ph.D	90	Yes	11-02-2019	--	Regular
97	RAJIB BISWAS	38	Assistant Professor	Male	Ph.D	114	Yes	21-08-2017	--	Regular
98	S RAJA	39	Assistant Professor	Male	Ph.D	78	Yes	15-06-2018	--	Regular
99	SHAMIK MISRA	34	Assistant Professor	Male	Ph.D	53	Yes	15-11-2021	--	Regular
100	SRIJANANI ANURAG PRASAD	42	Assistant Professor	Female	Ph.D	144	Yes	02-08-2017	--	Regular
101	THAMIDA SUNIL KUMAR	47	Associate Professor	Male	Ph.D	252	Yes	26-07-2019	--	Regular
102	VIJU NAIR R	36	Assistant Professor	Male	Ph.D	72	Yes	01-07-2019	--	Regular
103	A V RAHUL	34	Assistant Professor	Male	Ph.D	43	Yes	29-11-2021	--	Regular
104	ANGSHUMAN ROY	33	Assistant Professor	Male	Ph.D	21	Yes	30-06-2023	--	Regular
105	AVADH BIHARI NARAYAN	33	Assistant Professor	Male	Ph.D	39	Yes	03-01-2022	--	Regular
106	BALAJI S	41	Assistant Professor	Male	Ph.D	90	Yes	08-06-2018	--	Regular
107	C P RAO	69	Professor	Male	Ph.D	444	Yes	04-07-2019	--	Adhoc / Contractual

108	GORTI R K S S MANYAM	44	Associate Professor	Male	Ph.D	180	Yes	07-07-2017	--	Regular
109	K N SATYANARAYANA	61	Dean / Principal / Director / Vice Chancellor	Male	Ph.D	384	Yes	18-01-2017	--	Regular
110	KSHATRIYA SARANYA	33	Assistant Professor	Female	Ph.D	66	Yes	17-08-2018	--	Regular
111	MURARI SINGH	37	Assistant Professor	Male	Ph.D	89	Yes	11-04-2022	--	Regular
112	NAVEEN K P	40	Assistant Professor	Male	Ph.D	120	Yes	20-07-2017	--	Regular
113	P V RAMAN	42	Assistant Professor	Male	Ph.D	138	Yes	20-12-2017	--	Regular
114	R GIRISH KUMAR	37	Assistant Professor	Male	Ph.D	108	Yes	16-08-2018	--	Regular
115	ROSHAN KARAN SRIVASTAV	44	Assistant Professor	Male	Ph.D	144	Yes	27-06-2018	--	Regular
116	SARVENDRANATH RIMALAPUDI	34	Assistant Professor	Male	Ph.D	35	Yes	20-06-2023	--	Regular
117	SOMESWARARAO SANAPALA	37	Assistant Professor	Male	Ph.D	83	Yes	17-01-2022	--	Regular
118	SUBBAREDDY DAGGUMATI	44	Assistant Professor	Male	Ph.D	150	Yes	12-12-2019	--	Regular
119	V VIGNESH	36	Assistant Professor	Male	Ph.D	90	Yes	24-09-2018	--	Regular