National Institutional Ranking Framework
Ministry of Education
Government of India
Welcome to Data Capturing System: INNOVATION

Submitted Institute Data for NIRF'2024'

Institute Name: Jaypee University of Engineering & Technology [IR-I-U-0275]

Sanctioned (Approved) Intake

Academic Year	2022-23	2021-22	2020-21	2019-20	2018-19	2017-18
UG [3 Years Program(s)]	10	30	30	-	-	-
UG [4 Years Program(s)]	600	600	600	600	-	-
PG [2 Year Program(s)]	22	50	-	-	-	-

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 [3 Years Program(s)]	1	1	2	2	0	0	0	1	0	0	0	1
UG [4 Years Program(s)]	1317	329	1646	632	1014	0	1118	464	14	10	5	1553
PG [2 Year Program(s)]	5	0	5	2	3	0	1	0	0	0	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.
NA	2022-23	0

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

Name of startups	Amount received	Organisation Name	Year of receiving VC investment
PlatBiz	3200000	Megamind Technosoft Pvt Ltd	2021-22
PlatBiz	4000000	Megamind Technosoft Pvt Ltd	2022-23
Akiyam	190000	Megamind Technosoft Pvt Ltd	2022-23
Remote Jettisoning	25000	Mlptechster	2022-23
Saarthi	20000	EMO Developers	2022-23
Esports Olympics	200000	BitBattles Esp Pvt Ltd	2022-23
Metics Creation	100000	BitBattles Esp Pvt Ltd	2022-23
Multiple Service Provider	100000	Trustique Assist Pvt Ltd	2022-23

FDI investment in previous 3/5 years

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

Patents

Calendar year	2022	2021	2020
No. of Patents Published	26	12	2
No. of Patents Granted	2	1	0

Innovations at various stages of Technology Readiness Level

Number of innovations	Stage of technology
Sacrificial Anodes For Corrosion Mitigation Of RCC Structures using Mg- Ca-Y alloys	Level 3
Sacrificial Anodes For Corrosion Mitigation Of RCC Structures using Mg-Ca-Nd alloys	Level 3
A regression analysis based system for sentiment analysis and a method thereof	Level 3
Sensor Based Artificial Nervous System to Assist Paralyzed People	Level 3
Intelligent Wearable Sweat Sensor Based Device for Monitoring and Recommending Personal Physical Fitness	Level 3
Method and System to Detect One or More Fetalabnormalities of a Cattle	Level 3
Windmill, Monitoring, Maintenance and Controlling Device by Using IoT	Level 3
Sensor Based Intelligent Robotic Arm to Vaccinate People Against COVID-19	Level 3
Smart Protective Personal Equipment (PPE Kit) for Healthcare workers during COVID-19 Pandemic	Level 3
Skin Cancer (Melanoma) Detection and Recommender System using Deep Learning	Level 3
Sensor Based Intelligent Wearable Helmet for Early Detection of Stroke in Patients	Level 3
Intelligent Agriculture- Smart IOT System to Assist Farmers in Effective Decision-Making using Data Science	Level 3
Falling Cat inspired Intelligent Quadrupedal Robot to Assist People during Risky Mountain Trekking	Level 3
Wearable Sweat Sensor based Intelligent Device to Detect the Stress Levels of a Patient by Monitoring Cortisol and Blood Glucose Levels	Level 3
Pressureless Casting Methodology	Level 3
An Apparatus for Automatic Accident Detection and Procedural Postaccidental Incident Controlling Method Thereof	Level 3
A System Based On Artificial Intelligence Deep Learning Approaches For Diagnosis And Treatment Of Covid-19 And Method Thereof	Level 3
Method and system for determining heat affected zone during the laser beam drilling of hybrid composite	Level 3

An IOT Based Water Quality Index Prediction System and Method Thereof	Level 3
Voice Recognition Method System and Device Based on The Attention	Level 3
Deep Learning Based Real Time Traffic Signal System with Emergency Vehicle Preemption	Level 3
An IOT Based System for Upgradation of Agricultural Industries Using Connected Farms	Level 3
An Artificial Intelligence-Based Healthcare System for Continuous Health Monitoring and Predicting Possible Diseases in its Early Phase	Level 3
Effects of Water Cement Ratio and Curing Time on the Carbonation	Level 3
Intelligent Robotic Exoskeleton and Brain Sensing Headband to enable Paralyzed Patients to Locomote	Level 3
Design and Development of Light weight Self Compacting Concrete Mixtureand Their Impacts on Strength of Buildings	Level 3
An Artificial Intelligence based system for detection of breast cancer in Human Body	Level 3
An Intelligent System for Weather Monitoring and Natural Disasters Prevention using IoT and AI and ML	Level 3
Intelligent Street Light ON/OFF System based on the Object Detection	Level 3
A system for chatter-free operation of a CNC lathe	Level 3
Machine Learning-Based Methodology for Database Migration in Cloud Computing Environment	Level 3
Systematic Framework for Smarter Construction Techniques Through Accomplishing Green Building Initiative with Zero Waste Management	Level 3
Smart device to monitor the construction materials management and self phased ordering of Building materials	Level 3
Effects of Water Cement Ratio and Curing Time on the Carbonation	Level 3
Design and development of light weight self compacting concrete mixture and their impact on strength of buildings	Level 3
Systematic approach to analyse the impact of utilising the aspects of green building in construction technology	Level 3
Artificial Intelligence Based Management of Smart Production System for E-Industries	Level 3
A system and method for secure remote communication using WSN based on blockchain technology	Level 3
Smart device to monitor the construction materials management and self-phased ordering of building materials	Level 3
Designing a Framework of Construction Techniques with Smart Devices Integrated with Internet of Things	Level 3
Earth Solar Still Augmented with the Sandbag and Black Dust Cloth Covered Perforated Floating Plate	Level 3
Implementation of safety management techniques in civil engineering using artificial intelligence and iot	Level 3
A System to Detect the Efficiency of Employees in an Office Environment (Design)	Level 2
A Pen for Converting Text into Speech (Design)	Level 2
Wearable devices for vital signs monitoring of pregnant Women (Design)	Level 2
A hybrid approach based on SBLMD and ANN to maximize productivity at chatter free milling	Level 1
Solar PV Power Integrated Smart Grid based Energy Management System (copy right)	Level 1
Modeling and Analysis of Data Trading in Financial Organization based on Blockchain Market in IoT Networks (copy right)	Level 1
RFID Enabled Animal Tracking Strap (Design)	Level 2
Monitoring Robot (Design)	Level 2
Web Application for non-steady state chloride migration coefficient	Level 1

Artificial intelligence embedded device for vehicle security	Level 2
Portable Device for Obstacle Alerting in Indoor Environment for Visually Impaired	Level 2
Object motion detection based public lighting fixture (Indian)	Level 2
Biometric sensors on steering wheel for an electric vehicle	Level 2
Automatic Stone Digging and Crusher Machine	Level 2
Object motion detection-based public lighting fixture	Level 2
Biometric sensors on the steering wheel for an electric vehicle	Level 2
Biometric Sensors on Steering Wheel for an Electric Vechicle	Level 2
Object /Motion Detection Based Public Lighting Fixtures	Level 2

Ventures/startups grown to turnover of 50 lacs

Name of startups	Company's Turnover	Financial Year
PlatBiz	8700000	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	2022	NA

Pre-incubation:expenditure/income

Financial Year	2022-23	2021-22	2020-21
Number of Pre-incubation units	0	0	0
Expenditure on pre-incubation activities	0	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	0	0	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	J S P RAI	72	Dean / Principal / Director / Vice Chancellor	Male	Ph.D	564	Yes	17-11-2016	--	Regular
2	ABHISHEK VERMA	36	Assistant Professor	Male	Ph.D	141	Yes	05-01-2015	--	Regular

3	BABITA TIWARI	45	Assistant Professor	Female	M.Tech		No	20-08-2007	24-08-2022	Regular
4	DIVYA JAIN	44	Assistant Professor	Female	Ph.D	173	Yes	13-01-2014	--	Regular
5	KEDARI LAL DHAKER	39	Assistant Professor	Male	Ph.D	179	Yes	09-07-2013	--	Regular
6	MEGHA MOTTA	36	Other	Female	M.E.	14	No	03-07-2021	01-09-2022	Adhoc / Contractual
7	PANKAJ GUPTA	35	Assistant Professor	Male	Ph.D	120	Yes	16-01-2015	--	Regular
8	RAJNEESH ATRE	47	Assistant Professor	Male	Ph.D	209	Yes	02-01-2007	--	Regular
9	RAVI KUMAR	44	Assistant Professor	Male	Ph.D	239	Yes	20-08-2005	--	Regular
10	SALIL MODAK	46	Assistant Professor	Male	Ph.D	245	Yes	14-07-2010	--	Regular
11	SHISHIR KUMAR	51	Dean / Principal / Director / Vice Chancellor	Male	Ph.D		No	28-07-2005	05-04-2021	Regular
12	V S BABU	50	Assistant Professor	Male	Ph.D	275	Yes	29-06-2006	--	Regular
13	AJAY KUMAR	45	Assistant Professor	Male	Ph.D	223	Yes	16-01-2006	--	Regular
14	PRATEEK PANDEY	40	Assistant Professor	Male	Ph.D	181	Yes	15-07-2008	--	Regular
15	AMIT SHARMA	42	Assistant Professor	Male	Ph.D	172	Yes	04-07-2013	--	Regular
16	DHARMENDRA KUMAR SHUKLA	46	Assistant Professor	Male	Ph.D	214	Yes	22-08-2005	--	Regular
17	JITENDRA RAGHUWANSHI	41	Assistant Professor	Male	Ph.D	201	Yes	01-07-2013	--	Regular
18	MANORAMA CHAUHAN	40	Other	Female	M.E.	14	No	01-07-2021	01-09-2022	Adhoc / Contractual
19	NEELESH KUMAR JAIN	43	Assistant Professor	Male	Ph.D	238	Yes	06-07-2011	--	Regular
20	RAHUL PACHAURI	48	Assistant Professor	Male	Ph.D	286	Yes	15-01-2007	--	Regular
21	RATNESH LITORIYA	40	Assistant Professor	Male	Ph.D		No	05-08-2008	14-10-2021	Regular
22	RISHIKESH CHAURASIYA	38	Other	Male	M. Phil	23	No	01-08-2021	30-06-2023	Adhoc / Contractual
23	SANTOSH M BOBADE	50	Assistant Professor	Male	Ph.D	185	Yes	09-08-2011	--	Regular
24	SUNIL KUMAR SRIVASTAVA	47	Assistant Professor	Male	Ph.D	218	Yes	02-07-2008	--	Regular
25	YOGESH IYER MURTHY	43	Assistant Professor	Male	Ph.D	238	Yes	03-08-2015	--	Regular
26	NILESHKUMAR R PATEL	42	Assistant Professor	Male	Ph.D	223	Yes	19-07-2010	--	Regular
27	AMIT KUMAR SRIVASTAVA	39	Assistant Professor	Male	Ph.D	191	Yes	02-07-2012	--	Regular
28	DEEPAK SHARMA	42	Assistant Professor	Male	Ph.D	202	Yes	23-07-2007	--	Regular
29	GHANSHYAM SINGH	56	Professor	Male	Ph.D	259	Yes	01-01-2020	--	Regular

30	MAHESH KUMAR	48	Associate Professor	Male	Ph.D	251	Yes	04-07-2008	--	Regular
31	NARENDRA SINGH	46	Associate Professor	Male	Ph.D	228	Yes	13-08-2004	--	Regular
32	PARTHA SARATHY BANERJEE	42	Assistant Professor	Male	M.Tech	219	Yes	04-09-2006	--	Regular
33	RANU GUPTA	48	Assistant Professor	Female	Ph.D	261	Yes	01-02-2011	--	Regular
34	RAVINDRA KUMAR SINGH	46	Assistant Professor	Male	Ph.D	211	Yes	07-07-2010	--	Regular
35	SANDEEP ARYA	41	Assistant Professor	Male	Ph.D	169	Yes	26-06-2009	--	Regular
36	SUBODH KUMAR SINGHAL	42	Assistant Professor	Male	Ph.D	201	Yes	08-03-2007	--	Regular
37	VIPIN KUMAR TYAGI	53	Professor	Male	Ph.D	325	Yes	01-07-2011	--	Regular
38	MANOJ DUBEY	61	Assistant Professor	Male	Ph.D	362	Yes	01-04-2015	--	Regular
39	AMIT KELOTRA	34	Assistant Professor	Male	M.Tech		No	04-01-2016	18-03-2021	Regular
40	BHAGAT SINGH	47	Assistant Professor	Male	Ph.D	270	Yes	04-07-2013	--	Regular
41	GAURAV SAXENA	43	Assistant Professor	Male	M.Tech	225	Yes	10-07-2008	--	Regular
42	KUNJ BIHARI MEENA	35	Assistant Professor	Male	Ph.D	121	Yes	02-07-2013	--	Regular
43	MUKESH CHANDRA	47	Assistant Professor	Male	Ph.D	122	Yes	01-09-2020	--	Regular
44	PANKAJ PRASAD DWIVEDI	37	Other	Male	M.Sc.	23	No	01-08-2021	30-06-2023	Adhoc / Contractual
45	RAM KUMAR	39	Assistant Professor	Male	M.Tech	157	Yes	01-09-2020	--	Regular
46	RAVINDRA KUMAR GOLIYA	40	Assistant Professor	Male	M.Tech	193	Yes	14-07-2008	--	Regular
47	SAMAIYA NITIN KUMAR	46	Associate Professor	Male	Ph.D	213	Yes	01-06-2006	--	Regular
48	SUBAS CHANDRA DASH	44	Assistant Professor	Male	Ph.D	139	Yes	02-01-2012	--	Regular
49	VIKRAM SINGH CHOUHAN	42	Assistant Professor	Male	Ph.D	216	Yes	01-08-2007	--	Regular
50	BALI RAM GUPTA	42	Assistant Professor	Male	Ph.D	210	Yes	30-06-2010	--	Regular
51	SHRINARAYAN YADAV	35	Assistant Professor	Male	M.Tech	106	Yes	31-07-2015	--	Regular
52	AMIYA KUMAR SAHOO	40	Assistant Professor	Male	M.Tech	154	Yes	01-09-2011	--	Regular
53	DILIP KUMAR SHARMA	48	Assistant Professor	Male	Ph.D	227	Yes	01-07-2006	--	Regular
54	KAMINI BHASIN	40	Assistant Professor	Female	Ph.D	204	Yes	12-03-2013	--	Regular
55	MANUJ MISHRA	38	Other	Male	M.Tech	14	No	04-07-2021	01-09-2022	Adhoc / Contractual
56	NEERAJ JAIN	47	Assistant Professor	Male	M.A	259	Yes	10-07-2010	--	Regular

57	RAHUL SHRIVASTAVA	46	Assistant Professor	Male	Ph.D	233	Yes	07-07-2008	--	Regular
58	RAVENDRA PRASAD NAMDEO	34	Other	Male	M.Sc.	14	No	05-07-2021	01-09-2022	Adhoc / Contractual
59	ROHIT MISHRA	35	Assistant Professor	Male	Ph.D	130	Yes	16-01-2015	--	Regular
60	SHEFALI SHARMA	46	Assistant Professor	Female	Ph.D	254	Yes	01-07-2009	--	Regular
61	TASNIM ARIF	37	Assistant Professor	Male	M.Tech	157	Yes	01-09-2020	--	Regular
62	PRAMOD KUMAR SINGH	66	Professor	Male	Ph.D		No	22-01-2008	13-06-2022	Regular
63	AMIT RATHI	44	Assistant Professor	Male	Ph.D	238	Yes	08-07-2006	--	Regular
64	DEEPIKA SINGH KUSHWAH	33	Other	Female	M.Tech	24	Yes	01-08-2021	--	Adhoc / Contractual
65	JITENDRA KANUNGO	45	Assistant Professor	Male	Ph.D	224	Yes	01-07-2013	--	Regular
66	MANISH KUMAR PATIDAR	43	Assistant Professor	Male	Ph.D	212	Yes	15-01-2007	--	Regular
67	NAVALJEET SINGH ARORA	32	Assistant Professor	Male	M.Tech	72	Yes	07-07-2018	--	Regular
68	RACHNA CHATURVEDI	49	Assistant Professor	Female	Ph.D		No	01-07-2013	13-06-2022	Regular
69	RASHMI TYAGI	53	Associate Professor	Female	Ph.D	203	Yes	06-07-2006	--	Regular
70	RISHIKA CHAUHAN	35	Assistant Professor	Female	M.Tech	145	Yes	08-07-2011	--	Regular
71	SANDEEP SRIVASTAVA	47	Assistant Professor	Male	Ph.D	252	Yes	13-03-2009	--	Regular
72	SUMIT GANDHI	46	Associate Professor	Male	Ph.D	205	Yes	03-07-2006	--	Regular
73	YASHWANT KUMAR MODI	47	Assistant Professor	Male	Ph.D	256	Yes	01-09-2009	--	Regular
74	DHANANJAY R MISHRA	43	Assistant Professor	Male	Ph.D	226	Yes	04-07-2012	--	Regular
75	ABHISHEK SHUKLA	41	Assistant Professor	Male	Ph.D	227	Yes	26-08-2009	--	Regular
76	AVNESH KUMAR JOSHI	34	Other	Male	M.E.	22	Yes	04-10-2021	--	Adhoc / Contractual
77	DINESH KUMAR VERMA	42	Assistant Professor	Male	Ph.D	203	Yes	08-03-2007	--	Regular
78	KAUSHAL NARESH GUPTA	49	Assistant Professor	Male	Ph.D	246	Yes	25-08-2005	--	Regular
79	MAYANK SHRIVASTAVA	36	Other	Male	M.E.		No	01-06-2021	05-09-2021	Adhoc / Contractual
80	PANKAJ DUMKA	37	Assistant Professor	Male	Ph.D	145	Yes	08-07-2011	--	Regular
81	RAJESH KUMAR VISHWAKARMA	47	Assistant Professor	Male	Ph.D	236	Yes	08-08-2007	--	Regular
82	RAVI KHATRI	39	Other	Male	M.E.	14	No	02-07-2021	01-09-2022	Adhoc / Contractual

83	S ARUNACHALAM	66	Dean / Principal / Director / Vice Chancellor	Male	Ph.D	501	No	07-01-2013	10-01-2023	Adhoc / Contractual
84	SHEKHAR SINGH	40	Assistant Professor	Male	Ph.D	204	Yes	02-08-2010	--	Regular
85	UTKARSH SHARMA	35	Assistant Professor	Male	M.Tech		No	03-01-2019	26-05-2021	Regular