

National Institutional Ranking Framework

Ministry of Education

Government of India

Welcome to Data Capturing System: INNOVATION

Submitted Institute Data for NIRF'2024'

Institute Name: JAWAHARLAL COLLEGE OF ENGINEERING & TECHNOLOGY, MANGALAM [IR-I-C-43332]

Sanctioned (Approved) Intake

Academic Year	2022-23	2021-22	2020-21	2019-20	2018-19	2017-18
UG [4 Years Program(s)]	330	330	330	330	-	-
PG [2 Year Program(s)]	96	96	-	-	-	-

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)]	619	380	999	834	0	165	258	125	128	56	48	151
PG [2 Year Program(s)]	30	90	120	120	0	0	72	15	48	15	24	0

Start up recognized by DPIIT/startup India

Name of Venture	Year of recognition by DPIIT/startup India	DPIIT/Start up India Registration No.
VELVIN EXIM INDUSTRIES PRIVATE LIMITED	2021-22	U29300TZ2022PTC038540
Pyinma Technologies Pvt Ltd	2020-21	U73100AN2022PTC005607
Acutro Technologies Pvt Ltd	2020-21	U72900KL2020PTC065717
Nutrigamy Foods Pvt Ltd	2021-22	U01100TN2021PTC148061
Geoxss Biotech Pvt Ltd	2021-22	U37100TZ2022PTC040037
Peppertree AI Pvt Ltd	2020-21	U74999KA2020PTC134791
Entellus IoT Pvt Ltd	2020-21	U72900TG2019PTC137759
Uphomes Interior Pvt Ltd	2022-23	U74200TZ2022PTC038482

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

Name of startups	Amount received	Organisation Name	Year of receiving VC investment
Velvin Exim Industries Private Limited	200000	Velvin Exim Industries Private Limited	2021-22
Pyinma Technologies Pvt Ltd	200000	Pyinma Technologies Pvt Ltd	2020-21
Acutro Technologies Pvt Ltd	200000	Acutro Technologies Pvt Ltd	2020-21
Nutrigamy Foods Pvt Ltd	200000	Nutrigamy Foods Pvt Ltd	2021-22

Geoxss Biotech Pvt Ltd	200000	Geoxss Biotech Pvt Ltd	2021-22
Peppertree AI Pvt Ltd	200000	Peppertree AI Pvt Ltd	2020-21
Entellus IoT Pvt Ltd	200000	Entellus IoT Pvt Ltd	2020-21
Uphomes Interior Pvt Ltd	200000	Uphomes Interior Pvt Ltd	2022-23

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
NSTEDB	2200000	2020-21
KERALA STARTUP MISSION	200000	2020-21
KERALA STARTUP MISSION	200000	2021-22
KERALA STARTUP MISSION	200000	2022-23
Kerala Development and Innovation Strategic Council	457000	2021-22
KSCSTE	60000	2020-21
MoE GoI	50000	2020-21
KSITIL	1768000	2021-22
DSTNIMAT	20000	2020-21
AICTEISTE	93000	2022-23

Patents

Calendar year	2022	2021	2020
No. of Patents Published	7	5	28
No. of Patents Granted	7	5	28

Innovations at various stages of Technology Readiness Level

Number of innovations	Stage of technology
VELVIN EXIM INDUSTRIES PRIVATE LIMITED	Level 9
Pyinma Technologies Pvt Ltd	Level 9
Acutro Technologies Pvt Ltd	Level 9
Nutrigamyextration of protien D fromplants	Level 9

Geoxss Biotech Pvt Ltd	Level 9
Peppertree AI Pvt Ltd	Level 9
Entellus IoT Pvt Ltd	Level 9
Uphomes Interior Pvt Ltd	Level 9
Avenir Technologies	Level 9

Ventures/startups grown to turnover of 50 lacs

Name of startups	Company's Turnover	Financial Year
VELVIN EXIM INDUSTRIES PRIVATE LIMITED	65	2022-23
Pyinma Technologies Pvt Ltd	70	2022-23
Acutro Technologies Pvt Ltd	59	2022-23
Nutrigamy Foods Pvt Ltd	85	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	0000	Co-Founder @ PurpleSo Technolo

Pre-incubation:expenditure/income

Financial Year	2022-23	2021-22	2020-21
Number of Pre-incubation units	37	35	36
Expenditure on pre-incubation activities	20	20	20
Income generated by institution through pre-incubation activities	2716000	1680000	141000

Incubation:expenditure/income

Financial Year	2022-23	2021-22	2020-21
Number of Incubation units	38	22	10
Expenditure on Incubation activities	19000000	11000000	5000000
Income generated by institution through Incubation activities	2300000	1200000	580000

FDP

Academic year	Title of Course	FDP Sponsored /Supported by	Certificate Program Offering Department/Centre/ Unit Name	Program Start Date	Program End Date
2020-21	INDUSTRIAL INSTUMENTATION AND AUTOMATION	APJAKTU	ELECTRONICS AND COMMUNICATION	2021-09-06	2021-09-10
2020-21	FDP ON NEW EDUCATION POLICY-2020	NGI KERALA	JCET LAKKIDI	2021-12-16	2021-12-16
2020-21	FDP on	APJAKTU KERALA	COMUOTER SCIENCE AND ENGINEERI	2021-07-14	2021-07-16

2021-22	AICTE-ISTE REFRESHER PROGRAMME ON Technology Driven Healthcare Systems	AICTE-ISTE	ELECTRONICS AND COMMUNICATION	2022-01-18	2024-01-24
2021-22	Processing of Satellite Imagery and Remote Sensing Data - Opportunities and Applications.	APJAKTU LERALA	ELECTRONICA AND COMMUNICATION	2022-12-05	2022-12-10
2022-23	FDP on Advanced DSP Architectures & Embedded Systems.	APJAKTU	ELECTRONICS AND COMMUNICATION	2023-04-24	2023-04-28
2022-23	FDP ON STARTUPS AND INNOVATION	DST-NSTEDB	TBI-NGI	2022-09-27	2022-09-27
2022-23	NGI TBI organized a programme on Entrepreneurship Inspirational Talk on 10/01/2023 at JCET Campus.	DST	TBI-NGI @JCET, PALAKKAD	2023-01-10	2024-01-13
2022-23	Nehru Science Innovation and Technology Expo (November 20 & 21)	NGI KERALA	NGI	2023-11-21	2023-11-24
2022-23	JCET organized an ICSSR Sponsored National Seminar titled DEMOGRAPHIC DIVIDEND IN INDIA - CHALLENGES AND OPPORTUNITIES on 18th October 2023.	ICSSR	MBA	2023-10-18	2023-10-21
2022-23	StartupTN Coimbatore Satellite office, in collaboration with Nehru Group of Institutions (NGI) Technology Business Incubator (TBI), on 04-11-2023 Conducted DPIIT registration drive for Startups.	DST	NGI-TBI@JCET PALAKKAD	2023-11-04	2023-11-18
2022-23	FDP conducted 5 days workshop on "Institutional Innovation Challenges - 2023"	DST	NGI-TBI@JCET PALAKKAD	2023-09-29	2023-10-01
2022-23	NGI TBI organized Workshop on "Effective Patent Drafting" on 10th and 11th July, 2023. Around 130 participants were attended the workshop. Shri. S. Thangapandian, Deputy Controller of Patents and Desi	DST	NGI-TBI @JCET, PALAKKAD	2023-07-10	2023-07-14
2022-23	0	EDII	JCET LAKKIDI	2023-04-11	2023-04-15

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
2022-23	Entrepreneurship and IP Strategy	20MMOOC014	Elective Course	PG	MBA	4
2021-22	Innovation, Business Models and Entrepreneurship	20MMOOC027	Elective Course	PG	MBA	4
2020-21	Intellectual Property Rights and Competition Law	20MMOOC016	Elective Course	PG	MBA	4
2020-21	Entrepreneurship and IP Strategy	20MMOOC075	Elective Course	PG	MBA	4
2020-21	Innovation, Business Models and Entrepreneurship	20MMOOC091	Elective Course	PG	MBA	4
2020-21	ENTREPRENUERSHIP	MR465	Elective Course	UG	UG ENGG	3
2021-22	51 Entrepreneurship	21MM053	Elective Course	PG	MBA	3

2020-21	DESIGN AND ENGINEERING EST 200	DESIGN AND ENGINEERING EST 200	Core Course	UG	ENGG	3
2020-21	SUSTAINABLE ENGINEERING	MCN201AINABLE ENGINEERING	Core Course	UG	ENGG	3
2020-21	INDUSTRIAL ECONOMICS & FOREIGN TRADE 3-0-0 3 3	HUT300	Core Course	UG	ENGG	3
2022-23	MANAGEMENT FOR ENGINEERS 3-0-0 3 3	HUT310	Core Course	UG	ENGG	3

Faculty Details

Srno	Name	Age	Designation	Gender	Qualification	Experience (In Months)	Currently working with institution?	Joining Date	Leaving Date	Association type
1	AKHILA V	30	Assistant Professor	Female	M.Tech	12	Yes	10-10-2022	--	Regular
2	ASWATHY P	29	Assistant Professor	Female	M.Sc.	24	Yes	03-04-2023	--	Regular
3	DIVYA VISAKH	27	Assistant Professor	Female	M.Tech	7	Yes	19-09-2022	--	Regular
4	DR RADHAKRISHNAN	71	Other	Male	Ph.D	528	Yes	01-01-2020	--	Adhoc / Contractual
5	DR YUGESH V	36	Assistant Professor	Male	Ph.D	20	Yes	08-05-2023	--	Regular
6	KAILASH KARUNAKARAN	33	Assistant Professor	Male	M.Tech	108	Yes	16-06-2014	--	Regular
7	MOHAMMED SAMEER	39	Assistant Professor	Male	M.Tech	18	Yes	04-07-2011	--	Regular
8	RAJINI K	49	Assistant Professor	Female	M.A	23	Yes	07-07-2015	--	Regular
9	RINCHU P	32	Assistant Professor	Female	M.Tech	5	Yes	13-01-2020	--	Regular
10	SHAONA BEEGAM N	45	Associate Professor	Female	Ph.D	21	No	11-04-2022	31-07-2023	Regular
11	SREEVIDYA P	31	Assistant Professor	Female	M.Sc.	11	Yes	11-07-2022	--	Regular
12	THASLEEMA N U	27	Assistant Professor	Female	M.Tech	13	Yes	18-03-2022	--	Regular
13	VYSAK VALSAN	33	Assistant Professor	Male	M.Tech	84	No	13-06-2016	31-01-2023	Regular
14	AMBARISH A	33	Assistant Professor	Male	M.E.	108	Yes	05-06-2023	--	Regular
15	CHITRA K G	33	Assistant Professor	Female	M.Tech	120	Yes	29-09-2014	--	Regular
16	DR DILEEP K NAIR	55	Professor	Male	Ph.D	35	No	01-10-2021	30-04-2023	Regular
17	DR SHINE K	43	Professor	Male	Ph.D	204	Yes	12-06-2023	--	Regular
18	HASEENA P	35	Assistant Professor	Female	M.Tech	19	Yes	13-06-2013	--	Regular
19	MADHUSUDHANAN V N	67	Professor	Male	M.Sc.	514	Yes	04-07-2011	--	Adhoc / Contractual
20	NISHA NARAYANAN	44	Assistant Professor	Female	M.Tech	17	No	01-08-2011	31-10-2023	Regular
21	RAMYA P	26	Assistant Professor	Female	M.Sc.	4	Yes	04-09-2023	--	Regular
22	SAJEESH N	27	Assistant Professor	Male	M.Tech	54	Yes	15-02-2023	--	Regular

23	SHISHIRA R	32	Assistant Professor	Female	M.Tech	120	Yes	09-01-2023	--	Regular
24	SREYA V	28	Assistant Professor	Female	M.E.	36	Yes	20-01-2020	--	Regular
25	VIJAYA KUMARAN PILLAI	63	Professor	Male	M.Sc.	480	Yes	03-01-2017	--	Regular
26	AMALRAJ	33	Assistant Professor	Male	M.Tech	16	Yes	22-07-2022	--	Regular
27	CHAMIND E C	26	Assistant Professor	Male	M.Tech	48	No	26-12-2022	31-05-2023	Regular
28	DR ASHOKAN C NAIR	49	Professor	Male	Ph.D	336	Yes	05-10-2020	--	Regular
29	DR SANDEEP C S	41	Assistant Professor	Male	Ph.D	174	Yes	01-08-2023	--	Regular
30	GOPIMOHANAN M S	39	Other	Male	M.A	120	Yes	08-08-2018	--	Regular
31	KRISHNA PRASAD C N	29	Assistant Professor	Male	M.Tech	60	Yes	20-10-2022	--	Regular
32	NEETHU M JOY	31	Assistant Professor	Female	MBA	24	No	08-12-2021	30-06-2023	Regular
33	RAJKUMAR NARAYANAN	35	Assistant Professor	Male	MBA	120	Yes	14-07-2022	--	Regular
34	ROHINI P	27	Assistant Professor	Female	M.Tech	13	Yes	03-03-2022	--	Regular
35	SHARAMOL P K	35	Assistant Professor	Female	M.Sc.	149	Yes	21-08-2021	--	Regular
36	SREYA V	28	Assistant Professor	Female	M.Tech	4	Yes	04-10-2021	--	Regular
37	UNNIKRISHNAN S KUMAR	35	Assistant Professor	Male	M.Tech	132	Yes	01-08-2023	--	Regular
38	AJITH MOHAN M	27	Assistant Professor	Male	M.Tech	7	Yes	04-04-2022	--	Regular
39	ANU T P	39	Assistant Professor	Female	M.Tech	121	No	16-06-2014	31-05-2022	Regular
40	DHANYA P B	38	Assistant Professor	Female	M.Sc.	156	Yes	01-08-2012	--	Regular
41	DR KRISHNA PRAVEEN	35	Assistant Professor	Male	Ph.D	18	No	06-12-2021	31-05-2023	Regular
42	DR SMITHA T G	47	Assistant Professor	Female	Ph.D	120	Yes	10-04-2023	--	Regular
43	JOHN GEORGE	37	Assistant Professor	Female	M.Tech	17	Yes	13-06-2016	--	Regular
44	MALAVIKA I P	27	Assistant Professor	Female	M.Tech	12	Yes	10-11-2021	--	Regular
45	NISNA K	34	Assistant Professor	Female	M.Tech	36	Yes	03-05-2023	--	Regular
46	REMYA K P	34	Assistant Professor	Female	M.Tech	13	Yes	27-07-2019	--	Regular
47	SANISH V S	40	Assistant Professor	Male	M.Tech	166	Yes	19-07-2010	--	Regular
48	SREEJAMOL K S	40	Assistant Professor	Female	Ph.D	180	Yes	01-07-2019	--	Regular
49	SRINIVAS M B	41	Assistant Professor	Male	MBA	187	Yes	19-07-2023	--	Regular
50	VIJITHA G	40	Assistant Professor	Female	M.E.	180	Yes	02-01-2012	--	Regular
51	AKHILA M	34	Assistant Professor	Female	M.Tech	36	Yes	17-11-2022	--	Regular
52	ASWATHY J	34	Assistant Professor	Female	M.Tech	72	Yes	10-08-2023	--	Regular

53	DISA JAISON	27	Assistant Professor	Female	B.Tech	19	Yes	18-09-2023	--	Regular
54	DR N GUNASEKARAN	59	Dean / Principal / Director / Vice Chancellor	Male	Ph.D	32	Yes	01-06-2021	--	Regular
55	DR UMESHA K	57	Professor	Male	Ph.D	45	Yes	04-10-2012	--	Regular
56	JYOTHSNA E	36	Assistant Professor	Female	M.Tech	9	No	24-11-2021	31-12-2022	Regular
57	MOHAMED SUAIB P	30	Assistant Professor	Male	M.Tech	10	No	02-11-2020	31-12-2022	Regular
58	RAGESH P R	38	Assistant Professor	Male	M.Tech	192	Yes	16-09-2008	--	Regular
59	RESMI C S	32	Assistant Professor	Male	M.Tech	28	Yes	07-08-2023	--	Regular
60	SHABNA P S	32	Assistant Professor	Female	M.Tech	12	No	22-06-2015	31-05-2023	Regular
61	SREELAKSHMI S	32	Assistant Professor	Female	M.Tech	36	No	27-01-2020	31-05-2023	Regular
62	SUMA R	36	Assistant Professor	Female	MBA	168	Yes	09-01-2017	--	Regular
63	VISHNU V K	31	Assistant Professor	Male	M.Tech	84	Yes	03-01-2017	--	Regular
64	AJEENA A	36	Assistant Professor	Male	M.Tech	132	Yes	04-09-2023	--	Regular
65	AMRITHA D	27	Assistant Professor	Female	M.Tech	10	Yes	03-02-2021	--	Regular
66	DAYANA K	42	Assistant Professor	Female	M.Sc.	15	Yes	07-09-2010	--	Regular
67	DR K V S RAJ	58	Professor	Male	Ph.D	432	Yes	11-06-2015	--	Regular
68	DR SIVAKUMAR N S	39	Associate Professor	Male	Ph.D	204	Yes	20-11-2023	--	Regular
69	JISHA K V	44	Assistant Professor	Female	M.Tech	26	Yes	03-06-2013	--	Regular
70	MALAVIKA B L	26	Assistant Professor	Female	M.Tech	12	Yes	18-03-2022	--	Regular
71	NISHANTH S	31	Assistant Professor	Male	M.Tech	5	Yes	11-10-2021	--	Regular
72	RAMYA R	39	Assistant Professor	Female	M.Sc.	120	Yes	03-06-2013	--	Regular
73	SANDHYA N S	41	Assistant Professor	Female	M.Sc.	60	Yes	23-01-2019	--	Regular
74	SMEGHA N C	27	Assistant Professor	Female	M.Tech	17	Yes	03-07-2023	--	Regular
75	SRIKANTH K	34	Assistant Professor	Male	M.Tech	108	Yes	01-03-2023	--	Regular
76	VIJAYA SANKAR U	38	Professor	Male	Ph.D	22	No	20-05-2022	31-03-2023	Regular
77	AJITH V S	36	Assistant Professor	Male	M.E.	168	Yes	07-03-2011	--	Regular
78	ARUN PRASAD R	36	Assistant Professor	Male	M.E.	131	No	03-07-2013	28-02-2022	Regular
79	DHANYAJA P	28	Assistant Professor	Female	M.Tech	48	Yes	01-06-2023	--	Regular
80	DR LAKSHMI NARAYANAN V	48	Professor	Male	Ph.D	33	Yes	27-01-2020	--	Regular
81	DR SORNA CHANDRA DAS C	61	Assistant Professor	Male	Ph.D	39	Yes	15-03-2021	--	Regular
82	JUBIN JOSE	31	Assistant Professor	Male	M.Tech	54	Yes	04-07-2023	--	Regular
83	MANOJ M	37	Assistant Professor	Male	M.E.	139	Yes	03-06-2013	--	Regular

84	PRAJEESH RAJ	38	Assistant Professor	Male	M.Tech	127	Yes	18-06-2012	--	Regular
85	REMYA M	32	Assistant Professor	Female	M.Tech	7	Yes	06-10-2022	--	Regular
86	SAYANA M	35	Assistant Professor	Female	M.Tech	12	Yes	03-06-2013	--	Regular
87	SREEKALA R	37	Assistant Professor	Female	M.E.	144	No	27-06-2011	31-10-2023	Regular
88	SUJESH G	37	Assistant Professor	Male	Ph.D	12	Yes	18-06-2012	--	Regular
89	VISHNU NARAYAN	36	Assistant Professor	Male	M.Tech	17	Yes	04-05-2022	--	Regular