

National Institutional Ranking Framework

Ministry of Education

Government of India

Welcome to Data Capturing System: INNOVATION

Submitted Institute Data for NIRF'2025'

Institute Name: Baba Farid College of Engineering& Technology, Bathinda [IR-I-C-27841]

Sanctioned (Approved) Intake

Academic Year	2023-24	2022-23	2021-22	2020-21	2019-20	2018-19
UG [4 Years Program(s)]	360	330	330	330	-	-
PG [2 Year Program(s)]	18	18	-	-	-	-

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)]	587	248	835	650	177	8	10	439	353	89	0	7
PG [2 Year Program(s)]	2	9	11	11	0	0	0	9	9	0	0	0

Start up recognized by DPIIT/startup India

Name of Venture	Year of recognition by DPIIT/startup India	DPIIT/Start up India Registration No.
Biologique Food LLP	2022-23	DIPP110016
Ayna Home Bakes	2023-24	DIPP149730
Kaizel Industries Pvt	2022-23	DIPP132936
Harinarayan Recyclers LLP	2023-24	DIPP163735
Stagroztech India Pvt	2022-23	DIPP114485
Chouhan Agro Industry	2022-23	DIPP127396
Anki Water LLP	2023-24	DIPP142325
Buy One Gram Pvt	2022-23	DIPP121236
Sirus Ai Pvt	2023-24	DIPP139675
Pilibanga Electronics Manufacturing (OPC) Pvt	2022-23	DIPP125132
ESCAPE PLANNER PRIVATE LIMITED	2023-24	DIPP162597

Startups which have got VC investment in previous 3 years

Name of startups	DPIIT No.	Amount received	Organisation Name	Year of receiving VC investment	Achievement Level	Type of Investment
NA	NA	0	NA	Select Year	Select Level	NA

Seed Funding

Name of the Start-up	DPIIT No.	Seed funding received(in Rupees)	Name of Government Organization providing Seed Funding	Year of Receiving the Fund	Achievement Level	Type of Investment
Sirus Ai Pvt	DIPP139675	50000	iStart, Dept of Information Technology & Communications (Govt. of Rajasthan)	2023-24	Basic principles observed and reported	Prize
Harinarayan Recyclers LLP	DIPP163735	250000	by Punjab State Council for Science & Technology	2023-24	Technology concept and/or application formulated	grant
Harinarayan Recyclers LLP	DIPP163735	400000	Atal Incubation Centre, IISER Pune,	2023-24	Technology concept and/or application formulated	grant
Kaizel Industries Pvt	DIPP132936	25000	Navachar Research Incubation and Innovation Council (NRIIC)	2023-24	Actual system proven through successful mission operations	prize
Buy One Gram Pvt	DIPP121236	21000	Entrepreneurs' Organization Jaipur	2023-24	Technology concept and/or application formulated	Prize
Chouhan Agro Industry	DIPP127396	30000	Udyam competition by DBEE, Bathinda with startup Punjab	2022-23	Basic principles observed and reported	Prize
Buy One Gram Pvt	DIPP121236	2600000	TIF, IIT Ropar	2023-24	Technology concept and/or application formulated	seed fund
Buy One Gram Pvt	DIPP121236	50000	SPJIMR Centre for Family Business & Entrepreneurship (CFBE)	2023-24	Technology concept and/or application formulated	Prize
Kaizel Industries Pvt	DIPP132936	500000	STPI Guwahati and STPINEXT Initiatives	2023-24	Actual system proven through successful mission operations	seed fund
Kaizel Industries Pvt	DIPP132936	500000	OLL (Online Live Learning)	2023-24	Actual system proven through successful mission operations	prize

FDI investment in previous 3 years

Name of startups	DPIIT No.	FDI investment received(in Rupees)	Organization Name	Year of receiving FDI investment	Achievement Level	Type of Investment
NA	NA	0	NA	-Select-	--Select Level--	NA

Innovation grant received from govt. organization in previous 3 years

Name of Government organisation from which grant is received	Name of the Program or Scheme	Amount of Grant received	Year of receiving grant
Department of Science and Technology	SPRINT-North Edition	100000	2023-24
CSIR	Extramural Research Division	1100000	2022-23
Maharaja Ranjit Singh Punjab Technical University	Faculty Development Program	88000	2021-22
Indian Institute of Technology	Unnat Bharat Abhyan	50000	2021-22
Council of Scientific and Industrial Research (CSIR)	International Conference on Emerging Technologies for Computing, Communication and Smart Cities (ETCCS-2021)	20000	2021-22
All India Council for Technical Education	International Conference on Emerging Technologies for Computing, Communication and Smart Cities (ETCCS-2021)	400000	2021-22

Patents

Calendar year	2023	2022	2021
No. of Patents Published	9	10	6
No. of Patents Granted	0	2	4

Patents Commercialized & Technology Transferred

Calendar year	2023	2022	2021
Patents Commercialized & Technology Transferred	1	0	0
Income from Technology Transferred(in Rupees).	1000	0	0

Innovations at various stages of Technology Readiness Level

Name of the Start-up	DPIIT No.	Innovation Name	Stage of technology
Ayna Home Bakes	DIPP149730	FOOD	Actual system completed and qualified through test and demonstration.
Harinarayan Recyclers LLP	DIPP163735	WASTE MANAGEMENT	Actual system proven through successful mission operations.
Anki Water LLP	DIPP142325	WATER PURIFICATION	Actual system completed and qualified through test and demonstration.
Sirus Ai Pvt	DIPP139675	AI-driven solutions	Actual system proven through successful mission operations.
ESCAPE PLANNER PRIVATE LIMITED	DIPP162597	INNOVATION IN TRAVEL INDUSTRY	Actual system completed and qualified through test and demonstration.

Ventures/startups grown to turnover of 50 lacs

Name of startups	DPIIT No.	Company's Turnover
Buy One Gram Pvt	DIPP121236	8500000
Stagroztech India Pvt	DIPP114485	18000000

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	2023-24	2022-23	2021-22
Number of Pre-incubation units	246	201	134
Expenditure on pre-incubation activities	153500	120000	80000

Incubation:expenditure/income

Financial Year	2023-24	2022-23	2021-22
Number of Incubation units	35	25	10
Expenditure on Incubation activities	30000	20000	10000

Income generated by institution through Incubation activities	3500	0	0
---	------	---	---

FDP

Academic year	Title of Course	Program Coordinator(PC)	Contact Details of(PC)	No.of Participants	Expenditure	Program Start Date	Program End Date
2023-24	Intellectual Property Rights (IPRs) and IP management for start up	Dr Manish Gupta	9501115418	40	2500	2024-05-27	2024-05-27
2023-24	R & D in Emerging Technologies	Dr Kanwaljeet Kaur	9501115445	20	2500	2024-07-25	2024-07-25
2023-24	Session on Achieving Problem-Solution Fit & Product-Market Fit	Dr Kanwaljeet Kaur	9501115445	10	2500	2024-01-12	2024-01-12
2022-23	Innovation & Design Thinking	Dr Kanwaljeet Kaur	9501115445	22	2500	2023-11-01	2023-11-01
2021-22	Patent writing, types and application procedure	Dr Kanwaljeet Kaur	9501115445	20	2500	2021-06-10	2021-06-10
2021-22	IoT & Artificial Intelligence in Industry 4.0	Er Harsimran Singh	9501115491	55	88000	2022-01-17	2022-01-22
2021-22	Waste Management & Environmental Protection for Sustainable Development	Er Tanu Taneja	9501115465	11	22000	2022-01-10	2022-01-15
2021-22	Computing with MATLAB and LATEX software: Indispensable Tools for Researchers	Dr Nimisha	9501115422	18	21000	2022-01-05	2022-01-10
2021-22	Training program on classroom learning management system using CollPoll	Er Sandeep Paam	9501115507	47	3500	2021-08-02	2021-08-02

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
2023-24	Intellectual Property Rights and Patenting in India	BTEX0-F92	Elective Course	UG	Computer Science Engineering	3
2023-24	Intellectual Property Rights and Patenting System in India	BTEX0-F92	Elective Course	UG	Civil Engineering, Mechanical Engineering	3

Faculty Details

Srno	Name	Age	Designation	Gender	Qualification	Experience (In Months)	Currently working with institution?	Joining Date	Leaving Date	Association type
1	AMANPREET KAUR	28	Assistant Professor	Male	M.A	29	Yes	04-07-2022	--	Regular
2	CHARANDEEP SINGH BEDI	40	Assistant Professor	Male	M.Tech	137	Yes	22-07-2013	--	Regular
3	GURKIRTAN SHARMA	32	Assistant Professor	Male	M.Tech	122	Yes	29-09-2014	--	Regular
4	IQBALPREET KAUR	34	Assistant Professor	Female	M.Tech	23	Yes	16-01-2023	--	Regular

5	MANPREET KAUR	29	Assistant Professor	Female	M.Tech	27	No	17-09-2021	27-12-2023	Regular
6	NIMISHA SINGH	41	Associate Professor	Female	Ph.D	70	Yes	01-02-2019	--	Regular
7	RAVNEET SINGH SIDHU	27	Assistant Professor	Male	M.Tech	28	Yes	01-08-2022	--	Regular
8	SUKHJINDER KAUR	45	Assistant Professor	Female	M.Tech	16	Yes	01-08-2023	--	Regular
9	TEJINDER SINGH	39	Assistant Professor	Male	Ph.D	185	Yes	25-07-2009	--	Regular
10	ANISH TAYAL	31	Assistant Professor	Male	M.Tech	15	Yes	28-08-2023	--	Regular
11	EKTA GAIROLA	40	Assistant Professor	Female	Ph.D	14	Yes	03-10-2023	--	Regular
12	HARBHAJAN SINGH	59	Assistant Professor	Male	Ph.D	16	Yes	01-08-2023	--	Regular
13	KANWALJEET KAUR	47	Associate Professor	Female	Ph.D	137	Yes	18-07-2013	--	Regular
14	MINAKSHI	25	Assistant Professor	Female	M.A	22	No	01-02-2023	16-04-2024	Regular
15	PARAMJIT KAUR	38	Assistant Professor	Female	M.Tech	33	Yes	14-03-2022	--	Regular
16	SANCHITA	32	Assistant Professor	Female	MBA	45	Yes	17-03-2021	--	Regular
17	SUMAN RANI	39	Assistant Professor	Female	Ph.D	110	No	20-08-2015	05-11-2024	Regular
18	VIVEK SHARMA	38	Associate Professor	Male	Ph.D	16	Yes	01-08-2023	--	Regular
19	AMRITPAL KAUR	28	Assistant Professor	Female	M.Tech	34	No	14-02-2022	24-03-2024	Regular
20	DEVENDER SHARMA	39	Assistant Professor	Male	M.Tech	32	Yes	04-01-2022	--	Regular
21	GURSEWAK SINGH	35	Assistant Professor	Male	M.Tech	34	Yes	14-02-2022	--	Regular
22	JAYOTI ARORA BANSAL	44	Professor	Female	Ph.D	161	Yes	01-07-2011	--	Regular
23	MANU ARORA	40	Assistant Professor	Female	M.Tech	11	Yes	02-01-2024	--	Regular
24	NISHA RAHEJA	35	Assistant Professor	Female	Ph.D	22	Yes	30-01-2023	--	Regular
25	RISHAMJOT KAUR	35	Assistant Professor	Female	M.Tech	149	Yes	23-07-2012	--	Regular
26	SUKHPAL KAUR	33	Assistant Professor	Female	M.Tech	12	Yes	18-12-2023	--	Regular
27	TEJINDERPAL SINGH SARAO	52	Professor	Male	Ph.D	94	Yes	10-02-2016	--	Regular
28	AMANDEEP KAUR	37	Assistant Professor	Female	M.Tech	133	Yes	19-11-2013	--	Regular
29	BABALJEET KAUR	30	Assistant Professor	Female	M.Tech	39	No	06-09-2021	13-03-2024	Regular
30	GAURAV GARG	34	Assistant Professor	Male	M.Tech	125	Yes	02-07-2014	--	Regular
31	HARINDER SINGH	41	Associate Professor	Male	Ph.D	15	Yes	11-09-2023	--	Regular
32	LAKHWINDER SINGH	37	Assistant Professor	Male	M.Sc(Phy)	46	Yes	04-01-2021	--	Regular
33	NAVDEEP KOCHHAR	43	Assistant Professor	Male	MCA	35	Yes	03-01-2022	--	Regular

34	PRINKA BANSAL	31	Assistant Professor	Female	M.Tech	11	Yes	02-01-2024	--	Regular
35	SANDEEP MAAN	33	Assistant Professor	Male	M.Tech	124	Yes	06-08-2014	--	Regular
36	SUNIL NAGPAL	41	Assistant Professor	Male	M.Tech	184	No	01-08-2009	07-02-2024	Regular
37	ZAVED AHMED KHAN	47	Professor	Male	Ph.D	23	Yes	12-01-2023	--	Regular
38	AMANDEEP SINGH	33	Assistant Professor	Male	Ph.D	16	Yes	31-07-2023	--	Regular
39	BALWANT SINGH	32	Assistant Professor	Male	M.Tech	57	Yes	17-02-2020	--	Regular
40	GAURAV KUMAR	36	Assistant Professor	Male	M.Tech	78	Yes	08-08-2018	--	Regular
41	HARJINDER KAUR	41	Assistant Professor	Female	M.Tech	11	Yes	02-01-2024	--	Regular
42	MANDEEP KAUR	29	Assistant Professor	Female	M.Tech	33	Yes	17-03-2022	--	Regular
43	NAVNEET KUMAR	29	Assistant Professor	Male	M.Tech	13	Yes	08-11-2023	--	Regular
44	PUJA DAS	32	Assistant Professor	Female	Ph.D	8	No	02-01-2024	23-08-2024	Regular
45	SANDEEP SINGH	33	Assistant Professor	Male	Ph.D	32	Yes	12-04-2022	--	Regular
46	TAHIR HUSSAIN	30	Assistant Professor	Male	M.Tech	77	Yes	01-07-2018	--	Regular
47	ABHI GARG	32	Assistant Professor	Male	M.Tech	136	Yes	24-07-2013	--	Regular
48	ASHU BANSAL	37	Assistant Professor	Male	M.Tech	160	No	23-08-2011	19-02-2024	Regular
49	GAGANDEEP SINGH	32	Assistant Professor	Male	Ph.D	27	Yes	15-09-2022	--	Regular
50	HARDEEP SINGH	43	Assistant Professor	Male	M.Tech	173	Yes	13-07-2010	--	Regular
51	KOVID SHARMA	53	Assistant Professor	Male	M.Tech	148	Yes	27-07-2012	--	Regular
52	MOHAMMAD AASIF DAR	28	Assistant Professor	Male	M.Tech	62	Yes	10-10-2019	--	Regular
53	PARVINKAL SINGH	34	Assistant Professor	Male	Ph.D	28	Yes	02-08-2022	--	Regular
54	SANDEEP KAUR	37	Assistant Professor	Female	M.Sc(Phy)	32	Yes	16-03-2022	--	Regular
55	SUMEET BHARTI	30	Assistant Professor	Male	M.Tech	27	Yes	29-08-2022	--	Regular
56	ZAHID KALEEM	28	Assistant Professor	Male	M.Tech	11	Yes	02-01-2024	--	Regular
57	AMANDEEP SINGH	37	Assistant Professor	Male	M.Tech	172	Yes	27-07-2010	--	Regular
58	BHAWNA	23	Assistant Professor	Female	MCA	16	Yes	03-08-2023	--	Regular
59	GURCHARAN SINGH	34	Assistant Professor	Male	M.Tech	14	Yes	09-08-2023	--	Regular
60	HARPREET KAUR	31	Assistant Professor	Female	M.Tech	7	Yes	01-01-2024	--	Regular
61	MANISH GUPTA	47	Professor	Male	Ph.D	142	Yes	28-01-2013	--	Regular
62	NAVINDER DHILLON	53	Assistant Professor	Female	M.A	58	Yes	17-01-2020	--	Regular
63	RAJAN VINAYAK	32	Assistant Professor	Male	M.Tech	125	Yes	03-07-2014	--	Regular
64	SONAM CHHABRA	29	Assistant Professor	Female	M.Sc.	22	Yes	01-02-2023	--	Regular

65	TANU	33	Assistant Professor	Female	M.Tech	149	Yes	18-07-2012	--	Regular
----	------	----	---------------------	--------	--------	-----	-----	------------	----	---------