



# ARIIA

## ATL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



**MoE**  
Ministry of Education  
Government of India

### Verification Submitted Institute Data for Atal Ranking of Institutions on Innovation Achievements (ARIIA) - 2020-21

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

### List all the departments / centers / units are part of innovation and startup ecosystem of the institute

Srno	Department / Center / Unit Name	Type of Department / Center / Unit	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Beneficiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
1	Department of Computer Science and Engineering	Academic Department with lab facility	Computers	UG / PG / PhD	Technical	493	23	4
2	Department of Civil Engineering	Academic Department with lab facility	Civil	UG / PG / PhD	Technical	185	14	2
3	Department of Mechanical Engineering	Academic Department with lab facility	Mechanical	UG / PG / PhD	Technical	118	16	5
4	Department of Electrical Engineering	Academic Department with lab facility	Electrical Engineering	UG / PG / PhD	Technical	147	11	2
5	Department of Electronics and Communications	Academic Department with lab facility	Electronics and Communications	UG / PG / PhD	Technical	48	14	2
6	Department of Information and Technology	Academic Department with lab facility	IT	UG / PG / PhD	Technical	26	6	2
7	School of Entrepreneurship	Pre-incubation unit	Multidisciplinary	Not Allowed	Not Allowed	75	1	1
8	IPR Cell	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Multidisciplinary	Not Allowed	Not Allowed	40	1	0
9	School of Skill Development	Industry Institute Interface Unit	Multidisciplinary	Not Allowed	Not Allowed	500	3	2

### Participation of HEI in Innovation & Entrepreneurship Initiatives of Ministry of Education (Till Today)

Programs/Initiatives	Status	Registration ID
Adopted National Innovation and Start-up Policy at the HEI	Yes	Not Required
Establishment of Institution's Innovation Council (IIC) at HEI	YES	IIC Registration ID : IC202014396
Trained Innovation Ambassadors at HEI	YES	Not Required
Participation in Smart India Hackathon (SIH)	No	Not Required

## Participation of HEI in Innovation & Entrepreneurship Initiatives of Ministry of Education (Till Today)

Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC	Yes	Not Required
Participation in National Education Alliance of Technology (NEAT)	No	Not Required

### Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

Srno	Name of Program (Full Name)	Program Theme	Program Type	Program Category	Organizing Department / Centre / Student Body Name	Program Start Date	Program End Date	Program Duration(in Days)	Program Location	Internal Participants (Student)	Internal Participants (Faculty)	External Participants (Student)	External Participants (Faculty)	Total Number of Participants	Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research?
1	Entrepreneurship Awareness Camp (EAC)	Entrepreneurship/Startup	Awareness	Institute Lead Activity	School of Entrepreneurship	03-10-2019 00:00:00	05-10-2019 00:00:00	3	Within Campus	79	2	0	0	81	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 20000	No
2	Faculty development Programme on "Entrepreneurship As a Career"	Entrepreneurship/Startup	Seminar	Institute Lead Activity	School of Entrepreneurship	03-10-2019 00:00:00	03-10-2019 00:00:00	1	Within Campus	0	25	0	0	25	No	No
3	workshop on 'Startup Technologies for Business Development'	Entrepreneurship/Startup	Workshop	Institute Lead Activity	DEpartment of Mechanical Engineering, BFCET,Bathinda	02-11-2019 00:00:00	02-11-2019 00:00:00	1	Within Campus	25	2	0	0	27	No	No
4	Innovation and Design Thinking	IPR	Workshop	Institute Lead Activity	School of Entrepreneurship	08-11-2019 00:00:00	08-11-2019 00:00:00	1	Within Campus	45	2	0	0	47	No	No
5	Start up as Entrepreneur	Entrepreneurship/Startup	Seminar	Institute Lead Activity	School of Entrepreneurship	25-08-2019 00:00:00	25-08-2019 00:00:00	1	Within Campus	35	3	0	0	38	No	No
6	Strategy and Business Plan Development	Entrepreneurship/Startup	Mentoring Session	Institute Lead Activity	School of Entrepreneurship	25-09-2019 00:00:00	25-09-2019 00:00:00	1	Within Campus	24	2	0	0	26	No	No

### Section 1 > ii : Details of Students, Faculty/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

Srno	Name of Program (Full Name)	Program Theme	Program Type	Organizing Agency / Institute Name	Organizing Agency Type	Program Start Date	Program End Date	Program Duration(in Days)	Participants (Students)	Participants (Faculty)	Total Number of Participants	Awards/Recognition/Achievements	Award / Position / Recognition Secured	Title of Innovation / Start-up Secured	Had institute spent expenses either from own resource/received fund towards sending delegation to participate / represent the activity /event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research
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**Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI**

														the Award / Recognition									
1	Tech Invent	Innovation	Ideation	Chandigarh University	Educational Institute	05-04-2019 00:00:00	06-04-2019 00:00:00	2	10	1	11	Yes	1	Circuit Designing	No		<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>1</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Circuit Designing</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	1	Title of Innovation / Start-up Secured the Award / Recognition	Circuit Designing	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	1																						
Title of Innovation / Start-up Secured the Award / Recognition	Circuit Designing																						
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																						

**Section 2 > i : List the Academic Programs on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period (2019-20)**

Srno	Title of Course/Subject Offered	Program Theme	Type of Course	Course Offering Department/Centre/Unit Name	Level of Course	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course ( Minimum 30 Contact hours)
1	Patent Innovation Perspective and Filing	IPR	Short term Course	Short Term Certificate Course	School of Entrepreneurship	29-06-2020	04-07-2020	6	Online	98	30
2	Intellectual Property Right and Patenting System in India	IPR	Elective/Core Credit Course	Credit Course (Elective)	Electrical Engineering	08-08-2019	30-11-2019	115	Offline	36	45

**Section 2 > ii : List the Employment Generation Skill Development Programs Organized by the HEI on Innovation, IPR and Entrepreneurship Development During the Academic Period (2019-20)**

<b>No Data Filled!</b>
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**Section 2 > iii : List the Full Time Faculties had with a Degree (UG/PG/PhD) in Innovation/IPR/Entrepreneurship and (or) Received Specialized Training program of I&E, IPR (MDP, EDP, FDP, Short-term Certificate Course, of minimum 30 hours Duration) conducted by various State, Central Govt. agencies, and Knowledge Agencies in the Academic Period (2019-20)**

Srno	Faculty Name	Department/Centre/Unit Name	Designation	Do you have a degree in I&E & IPR?	Had the faculty received training on I&E & IPR during AY 2019-20
1	Dr. Manish Gupta	School of Entrepreneurship	Professor	No	No

**Section 3 > i : List Idea/Innovation Centric Student Clubs Are Functional at the HEI with Access to Co-working Space/Work-stations for Students with Facilities & Equipment Available to promote and Support Innovation, Entrepreneurship and IPR Activities in Campus**

Srno	Name of Student Club	Type of Club	Year of Establishment	Type of Facilities Available at the Club	Student Club with Access to Other I&E Facilities at the HEI	No of Programs/Activities Organized by the Student Club During the AY 2019-20	Student Club Team Lead Name	Student Club Team Lead Email	Student Club Team Lead Phone
1	E-Club	Startup Club	2018	Work Stations	Incubation Unit	8	Manav Bansal	soe@babafaridgroup.edu.in	8814080400

**Section 3 > ii > a : List the Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Centre/Startup Cell) (>= 600 Sq. Ft. Floor Area)**

Srno	Name of Pre-Incubation Centre	Type of Facility	Year of Establishment	Type of Facilities Available at the Centre	Pre-Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Pre-Incubation Unit, if any (Optional)	Facility Details		Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Pre-Incubation Unit Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20	Had institute Generated Income either from Services Offered by Pre-Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation Centre/Facilities?
							Facility Incharge Name	Facility Incharge Email				
1	School of Entrepreneurship	Startup Cell	2015	Co-working Space, Work Stations	IPR Cell/Technology Transfer Centre, Student Clubs	IPR Cell/Technology Transfer Centre, Student Clubs	Dr. Manish Gupta	deanrd@babafaridgroup.com	1	Yes	No	Yes
Source of Grant / Fund			Agency Name			Agency Type			Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)			
Institute's Own Fund / Resource			BFGI			Educational Institute			50000			

**Section 3 > ii > b : List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)**

**No Data Filled!**

**Section 3 > ii > c : List the Incubation Facilities at the HEI (>= 1500 Sq. Ft. Floor Area)**

**No Data Filled!**

**Section 3 > ii > d : List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)**

**No Data Filled!**

**Section 3 > ii > e : List the IPR Cell/Technology Transfer Centre Facilities at the HEI**

Srno	Name of IPR Cell/Technology Transfer Centre Facility	Year of Establishment	IPR Cell/Technology Transfer Centre with Access to Other I&E Facilities at the	Name of the Funding Schemes Available with IPR Cell/Technology	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the	Had institute Generated Income either from Services Offered by IPR Cell/Technology Transfer Centre?	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation/Startup/Venture Development and implementation during the
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**Section 3 > ii > e : List the IPR Cell/Technology Transfer Centre Facilities at the HEI**

	HEI	Transfer Centre, if any (Optional)	Facility	Financial Year 2019-20?	Financial Year 2019-20?			
1	IPR Cell	2017	Student Clubs	IPR Policy	0	Yes	No	No
			Facility Incharge Name	Dr Manish Gupta				
			Facility Incharge Email	deanrd@babafaridgroup.com				
			Facility Incharge Phone	9501115418				

**Section 3 > iii > a : Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups**

Srno	Name of the Faculty	Designation of the Faculty	Mentor Expert Area	Years of Experience in Mentorship (In Years)
1	Dr. Manish Gupta	Professor	Idea/Innovation Development, Entrepreneurship/Startup Development, IPR Protection & Commercialization	19
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Chouhan Agro		Within	
	Android Labs		Within	
	MNV's		Within	
	Fairy Tail		Within	

**Section 3 > iii > b : Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups**

Srno	Name of the External Expert/Agency as Mentor	Mentor Expert Area	Type of Mentorship
1	Dr. Manish Bansal	Entrepreneurship/Startup Development	Unstructured Mentorship
2	PK Bhandari	Entrepreneurship/Startup Development	Unstructured Mentorship
3	Sandeep Sharma	Entrepreneurship/Startup Development	Unstructured Mentorship

**Section 4 : List all the Innovations Generated Developed, Completed and Implemented in Ground with Support of Pre-incubation & Incubation facilities at the HEI and Recognitions Received**

**No Data Filled!**

**Section 5 : List all the Ventures/Startups/SME Units Established with Support of Pre-incubation & Incubation facilities at the HEI**

Srno	Name of the Venture/Startup/SME Unit Established with the Support of HEI	Type of Innovation of Venture/Startup/SME Unit	Nature of Innovation	Name of the Pre-Incubation/Incubation Unit of HEI Supported Innovation Development	Venture Founded by	Venture Registered as	Year of Registration	What is the current status of Pre-Incubation/Incubation Support to Venture/Startup/SME Unit as on 31st March 2020?	Had the Venture Received any Recognition at State, National, International Level Programs during the financial period 2019-20?	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Venture establishment during the financial period 2019-20	Had the venture/startup raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/HEI received any income/revenue from venture/startup for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019-20	Has the Startup Grown to a stage of Employment Generation to 10 Numbers or an annual Turnover to Rs. 50 Lakhs during the financial year 2019-20
1	Chouhan Agro Industry	Product Innovation	Technological	6700	Student	Venture with Corporate Identification Number (CIN) Registration AAOFC8611K	2019-20	Graduated from the Incubation unit	No	Grant Amount in Rs 5000	No	No	No
Name		DIN number		Type		Gender		Email		Contact			
Gurpreet Singh		AAOFC8611K		Student		Male		gurpreetsaab35@gmail.com		9041441467			
Amandeep Kumar		-		Student		Male		-		-			

**Section 7 > i : List all the Collaborations with External Agencies and Co-Creation of I&E Activities by the HEI**

**No Data Filled!**

**Section 8 > ii : List the IPs Filed/Published/Granted (Copyright & Designs Only) by the HEI as an Applicant / Co-applicant / Co-owner**

**No Data Filled!**

**Section 8 > iii : List the IP (Patents only) Filed by the HEI as Applicant / Co-applicant / Co-owner**

Srno	Title/Name of Patent	IP Registration Number	Date of Filed/Published (Year, Month)	Application Level	Copy of receipt / application screenshot [PDF or Image]
1	Fertilizer Sprinkling Machine	201911017421	National	2019 - 05	Uploaded