ARIIA
ATAL 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 Banda Singh Engg. College, Fatehgarh Sahib [ARI-C-10277]

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

Srno	Department / Center / Unit Name	Type of Department / Center / Unit	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Benificiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
1	Research and Innovation Center	Research Unit / Park	Engineering	UG / PG / PhD	Technical	500	36	5
2	Mechanical	Academic Department with lab facility	Mechnical	UG / PG / PhD	Technical	179	33	9
3	Computer Science and Engineering	Academic Department with lab facility	Computer Science and Engineering	UG / PG / PhD	Technical	416	40	12
4	Electronics and Communication	Academic Department with lab facility	Electronics and Communication	UG / PG / PhD	Technical	74	16	7
5	Electrical	Academic Department with lab facility	Electrical Engineering	UG / PG / PhD	Technical	162	18	8
6	Civil	Academic Department with lab facility	Civil	UG / PG / PhD	Technical	150	9	5
7	Applied Science	Academic Department with lab facility	Engineering	UG / PG / PhD	Technical	318	19	8
8	Agriculture	Academic Department with lab facility	Engineering	UG / PG / PhD	Technical	17	2	0
9	MBA	Academic Department with lab facility	Management	UG / PG / PhD	Non-Technical	55	5	2
10	Research and Innovation Center	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Engineering	UG / PG / PhD	Technical	0	10	2
11	Research and Innovation Center	Incubation Unit	Engineering	UG / PG / PhD	Technical	0	10	2
12	Research and Innovation Center	Centre of Excellence with Advance Tools & Equipment	Engineering	UG / PG / PhD	Technical	10	36	5

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 : IC201912057
Trained Innovation Ambassadors at HEI	YES	Not Required
Participation in Smart India Hackathon (SIH)	Yes	Not Required
Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC	No	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	Google's AI explore ML	Innovation	Workshop	Student Lead Activity	Computer Science Engineering	20-09-2019 00:00:00	10-11-2019 00:00:00	52	Within Campus	63	4	0	0	67	No	No
2	Expert Talk and Poster Making Competition on Emergence of AI	Innovation	Ideation	Student Lead Activity	Computer Science Engineering	05-02-2020 00:00:00	05-02-2020 00:00:00	1	Within Campus	118	0	0	0	118	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 2500	No

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

No Data FIled!

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	Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Computer Science Engineering	01-01-2020	31-05-2020	152	Offline	117	36

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)

No Data FIled!

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)

No Data Flled!

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	IEI Student Chapter	Idea Club	2016	Work Stations	Incubation Unit,Innovation Labs,IPR Cell/Technology Transfer Centre	6	Paramjeet Singh Kainth	paramjeetsk98@gmail.com	6283672527

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)

No Data Flled!

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 Flled!

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

No Data Flled!

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

Srno	Name of Innovation Park/Research Park Facility	Year of Establishment	Innovation Park / Research Park with Access to Other I & E Facilities at the HEI	Name of the Funding Schemes Available with Research/Innovation Park, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Research Park/Innovation Park 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 Research Park/Innovation Park?	Had the Research Park/Innovation Park Provided any Funding Support for Idea/Prototype/Innovation/Startup/Venture Development and implementation during the Financial Year 2019-20?
1	Research and Innovation Center	2015	Incubation Unit,Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre	AICTE Research Promotion Scheme, SERB, DST, New Delhi	Facility Incharge Name: Dr. Manpreet Kaur; Facility Incharge Email: manpreet.arora@bbsbec.ac.in; Facility Incharge Phone: 9814818606	10	Yes	No	No

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

No Data Filed!

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

No Data Filed!

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. Arvind Dhingra, Executive Director, Science & Technology Entrepreneurs' Park (STEP-GNDEC)	Idea/Innovation Development,Entrepreneurship/Startup Development,IPR Protection & Commercialization	Unstructured Mentorship
2	Dr M Talha	Idea/Innovation Development	Structured Mentorship

Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee
Workshop on Applied Solid Mechanics	12-10-2019	14-10-2019	3	3	60	Idea

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 Filed!

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

No Data Filed!

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

No Data Filed!

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

No Data Filed!

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	Device for Mobile Communication	201911020657	National	2019 - 05	Uploaded
2	Junction Box	322284-001	National	2019 - 10	Uploaded
3	Dual Powered Shoe cum Skate with Mobile Charging	201911049455	National	2019 - 12	Uploaded
4	Electronic Scoop	?327915-001	National	2020 - 03	Uploaded
5	Wearable Multimedia Control Device	202011013091	National	2020 - 03	Uploaded

Section 8 > v : List the IPs hold by the Innovation teams/Startups Incubated at the Pre-incubation/incubation Unit of the HEI

No Data Flled!

Section 8 > vi : List the IP Commercialized/Transferred Published & Granted to HEI as Co-applicant/Co-owner

No Data Flled!

Declaration

To,
The ARIIA Committee
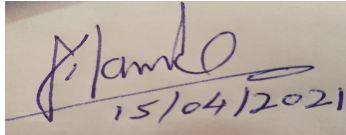MHRD's Innovation Cell
New Delhi

Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Dr. Gurcharan Singh Lamba (Head of Institute) and Dr. Manpreet Kaur (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.
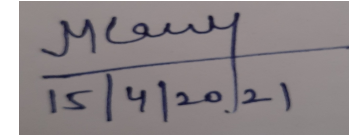
Thank you

The Head of Institute

15/04/2021

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Dr. Gurcharan Singh Lamba
Head of the Institution,
Fatehgarh Sahib, Punjab

Nodal officer

15/4/20.21

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Dr. Manpreet Kaur
Nodal Officer,
Fatehgarh Sahib, Punjab

Responsibility for accuracy and authenticity of data lies with the concerned institution.