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

Institute Name: Baba Ghulam Shah Badshah University [ARI-U-0191]

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	SCHOOL OF ENGINEERING and TECHNOLOGY	Academic Department with lab facility	ENGINEERING	UG / PG / PhD	Technical	795	59	39
2	Department of management Studies	Academic Department with lab facility	Business management	UG / PG / PhD	Non-Technical	24	12	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 : IC201810489
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)	Yes	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	industry institute interaction	Entrepreneurship/ Startup	Training	Institute Lead Activity	INSTITUTE INNOVATION COUNCIL AND STARTUP CELL	03-04-2019 00:00:00	03-04-2019 00:00:00	1	Within Campus	118	21	0	0	139	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) — 960	No

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

2	INDIAS LEADERSHIP TALK SERIES EPISODE 04	Entrepreneurship/ Startup	Motivational speak	Institute Lead Activity	MHRD INNOVATION CELL	22-04-2019 00:00:00	22-04-2019 00:00:00	1	Within Campus	47	10	0	0	57	No	No
3	IDEA PRESENTATIONS	Entrepreneurship/ Startup, Innovation	Demo Day	Student Lead Activity	INSTITUTE INNOVATION COUNCIL STARTUP CELL	07-05-2019 00:00:00	07-05-2019 00:00:00	1	Within Campus	100	20	0	0	120	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 6298	Award / Position / Recognition Secured: FIRST; Title of Innovation / Start-up Secured the Award / Recognition: MOTORISED SICKLE; Award/Recognition/Achievement Received for: Idea/Innovation/Prototype
4	INNOVATIVE TALK ON CROWD FUNDING	Innovation	Awareness	Institute Lead Activity	INSTITUTE INNOVATION COUNCIL AND STARTUP CELL	08-05-2019 00:00:00	08-05-2019 00:00:00	1	Within Campus	112	10	0	0	122	No	No
5	WORKSHOP ON ENTREPRENEURSHIP AND SKILL DEVELOPMENT ON BEE KEEPING	Entrepreneurship/ Startup	Workshop	Institute Lead Activity	DEPARTMENT OF ZOOLOGY	15-04-2019 00:00:00	15-04-2019 00:00:00	1	Within Campus	80	0	40	0	120	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 40000	No
6	INNOVATION DAY CAMPAIGN	Innovation	Innovation Contest	Institute Lead Activity	INSTITUION INNOVATION COUNCIL	15-10-2019 00:00:00	15-10-2019 00:00:00	1	Within Campus	35	0	0	0	35	No	No
7	WORKSHOP ON INNOVATIVE TOPICS OF COMPUTER SCIENCE ENGINEERING	Innovation	Workshop	Institute Lead Activity	DEPARTMENT OF COMPUTER SCIENCE ENGINEERING	15-04-2019 00:00:00	16-04-2019 00:00:00	2	Within Campus	70	10	0	0	80	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 17900	No

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

8	TRAINING PROGRAMME ON 3D PRINTING	Entrepreneurship/ Startup, Innovation	Training	Institute Lead Activity	INSTITUTE INNOVATION COUNCIL AND INNOVATION CELL	12-10-2019 00:00:00	12-10-2019 00:00:00	1	Within Campus	40	20	0	0	60	No	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

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/Recognitions/Achievements	Award / Position / Recognition Secured	Title of Innovation / Start-up Secured the Award / Recognition	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
1	TRAINING PROGRAMME ON DATA SCIENCE AND ANALYTICS	Innovation	Training	IIT INDORE	Educational Institute	02-03-2020 00:00:00	12-03-2020 00:00:00	11	0	1	1	No	---	---	No	No
2	TRAINING PROGRAMME IN INERNET OF THINGS	Innovation	Training	IIT BOMBAY	Govt. Agency (Central)	27-01-2020 00:00:00	31-01-2020 00:00:00	5	0	1	1	No	---	---	No	No

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 Development and management	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	department of civil engineering	15-07-2019	25-12-2019	164	Offline	67	45
2	Entrepreneurship Development and Management	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	department of electronics and communication engineering	15-07-2019	23-12-2019	162	Offline	56	45
3	Entrepreneurship Development and Management	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	department of computer science engineering	15-07-2019	20-12-2019	159	Offline	69	45
4	Entrepreneurship Development and Management	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	department of electrical engineering	08-07-2019	20-12-2019	166	Offline	55	45

| 5 | Entrepreneurship Development and Management | Entrepreneurship/Startup | Elective/Core Credit Course | Bachelor | department of Information technology engineering | 23-07-2019 | 02-12-2019 | 133 | Offline | 27 | 45 |
| 6 | Entrepreneurship Development | Entrepreneurship/Startup | Elective/Core Credit Course | Master | department of management studies | 20-07-2019 | 15-11-2019 | 119 | Offline | 40 | 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)

Srno	Title of the Training Program	Program Theme	Type of Course	Course Offering Department/Centre/Unit Name	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	BVOC TURISM AND TRAVEL MANAGEMENT	Entrepreneurship/Startup	Employment Generation Training Programs	DEPARTMENT OF MANAGEMENT STUDIES	01-01-2020	31-12-2020	366	Offline	87	60

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	SUHAIB BATT	ELECTRONICS AND COMMUNICATION ENGINEERING	ASSISTANT PROFESSOR (TEQIP-III)	No	Yes

	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery

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	INNOVATION CLUB	Innovation Club	2019	3D Printing	Pre-Incubation Unit	1	mehvish jan	mehvishsaboon65@gmail.com	7889649734
2	IDEATION	Idea Club	2019	Work Stations	Innovation Labs	1	KASHIF MEHDI	kashifmehdi53@gmail.com	7599080098

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?

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)

1	STARTUP AND INNOVATION CELL	Startup Cell	2017	Work Stations	Incubation Unit,Student Clubs	Incubation Unit,Student Clubs	Facility Incharge Name	FARK HAND A ANA	08	Yes	No	Yes
							Facility Incharge Email	anasha h@bgs bu.ac.i n				
							Facility Incharge Phone	788962 1467				

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	BABA GHULAM SHAH BADSHAH UNIVERSITY	Educational Institute	1000000

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 FIled!

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

No Data FIled!

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

No Data FIled!

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	Prof Mufeed Ahmad	Entrepreneurship/Startup Development	Unstructured Mentorship
2	Dr. Vipan Kakkar	IPR Protection & Commercialization	Unstructured Mentorship
3	Dr. Shahid Mushtaq	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

Srno	Name of the Innovation Generated with the Support of HEI	Type of Innovation	Nature of Innovation	Name of the HEI Supported Innovation Development	Innovation Developed by	Stage of Innovation/ Stage of TRL it started receiving the Support during the FY 2019-20	Stage of Innovation/ Stage of TRL reached as on 31st March 2020	Status Pre-Incubation/Incubation Support to Innovation as on 31st March 2020	Had the Innovation Received any Recognition at State, National, International Level Programs during the financial period 2019-20	Had the Innovation Converted into Venture/ Startup/ SME Unit 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 Idea / Prototype / Innovations Development during the financial period 2019-20	Had the Innovations 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 Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019
1	entrepreneurship development through scientific bee keeping among tribal men and women of district Rajouri	Product Innovation	Non-Technological / Social / Community Innovation	NMHS	Faculty	TRL 9 : Full commercial application, technology available for consumers.	TRL 9 : Full commercial application, technology available for consumers.	Innovation Development Ongoing	No	Yes	Grant Amount in Rs — 130000	Loan/Investment Agency Name: NMHS; Agency Type: Govt. Agency (Central); Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees): 60000; Date of Investment Raised: 01-01-2020	No

Name	Type	Gender	Email	Contact
Dr. Sajad Parray	Faculty	Male	sajadzoo@gmail.com	7006263712

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 | LOW COMPLEXITY BLOCK TREE IMAGE CODER (LCBTC) FOR MEMORY CONSTRAINED IMAGING DEVICES | 202011006768A | National | 2020 - 02 | 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
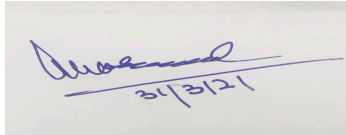
No Data Flled!

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 Prof. Akbar Masood (Head of Institute) and Dr. Farkhanda Ana (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.
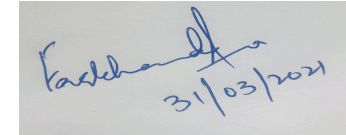
Thank you

The Head of Institute

Nodal officer

Prof. Akbar Masood
Head of the Institution,
Rajouri, Jammu and Kashmir

Dr. Farkhanda Ana
Nodal Officer,
Rajouri, Jammu and Kashmir