



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: B N College Of Engineering And Technology Lucknow [ARI-C-46883]

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	Computer science and engineering	Academic Department with lab facility	Engineering and technology in the field of computer science	UG / PG / PhD	Technical	325	18	4
2	Mechanical Engineering	Academic Department with lab facility	Production and Design in the field of mechanical engineering	UG / PG / PhD	Technical	308	23	1
3	Electrical Engineering Department	Academic Department with lab facility	Engineering	UG / PG / PhD	Technical	207	11	1
4	Electronics and Communication Engineering	Academic Department with lab facility	Engineering in the field of electronics and communication	UG / PG / PhD	Technical	100	8	1
5	Biotechnology	Academic Department with lab facility	Engineering	UG / PG / PhD	Technical	148	9	1
6	Mechanical Engineering	Academic Department with lab facility	Production engineering	Diploma / Polytechnic	Technical	335	17	1
7	Civil Engineering	Academic Department with lab facility	Engineering	Diploma / Polytechnic	Technical	179	6	1
8	Electronics Engineering	Academic Department with lab facility	Engineering	Diploma / Polytechnic	Technical	113	7	1
9	MBA	Academic Department with lab facility	Business administration	UG / PG / PhD	Non-Technical	68	6	2
10	Applied science	Academic Department with lab facility	Engineering	UG / PG / PhD	Technical	1165	12	2
11	Information Technology	Academic Department with lab facility	IT	UG / PG / PhD	Technical	111	6	3
12	Civil Engineering	Academic Department with lab facility	Engineering	UG / PG / PhD	Technical	289	6	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 : IC201811382
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	Yes	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	NATIONAL CONFERENCE ON EMERGING INNOVATIONS IN AGRICULTURE, BIOTECHNOLOGY AND HEALTH	Innovation	Conference	Institute Lead Activity	DEPARTMENT OF BIOTECHNOLOGY	08-11-2019 00:00:00	09-11-2019 00:00:00	2	Within Campus	89	52	4	55	200	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 200000	No
2	ONE DAY WORKSHOP ON PROBLEM SOLVING/DESIGN THINKING/IDEATION WORKSHOP	Innovation	Workshop	Institute Lead Activity	DEPARTMENT OF MECHANICAL ENGINEERING	13-10-2019 00:00:00	13-10-2019 00:00:00	1	Within Campus	73	0	33	0	106	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 27000	No

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

3	ASSESSMENT OF CORONA PANDEMIC: PREVENTIVE MEASURES FROM COVID 19	Entrepreneurship/Startup	Awareness	Institute Lead Activity	DEPARTMENT OF BIOTECHNOLOGY	05-10-2019 00:00:00	05-10-2019 00:00:00	1	Within Campus	80	20	0	0	100	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

No Data Filled!

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

No Data Filled!

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 Filled!

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 Filled!

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

No Data Filled!

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 Filled!

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

No Data Filled!

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

No Data Filled!

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

No Data Filled!

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	PADDLE OPERATED WASH BASIN	Product Innovation	Technological	BNCET WORKS HOP	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Adopted and Implemented at Ground	<table border="1"> <tr> <td>Agency Name</td> <td>KALAM CENTRE</td> </tr> <tr> <td>Agency Type</td> <td>Educational Institute</td> </tr> <tr> <td>Award / Position / Recognition Secured</td> <td>3rd position</td> </tr> </table>	Agency Name	KALAM CENTRE	Agency Type	Educational Institute	Award / Position / Recognition Secured	3rd position	No	<table border="1"> <tr> <td>Grant Amount in Rs</td> <td>5000</td> </tr> </table>	Grant Amount in Rs	5000	No	No
Agency Name	KALAM CENTRE																				
Agency Type	Educational Institute																				
Award / Position / Recognition Secured	3rd position																				
Grant Amount in Rs	5000																				

Name	Type	Gender	Email	Contact
SHIVANSH DWWEDI	Student	Male	dwishivansh95@gmail.com	8299697982

Name	Type	Gender	Email	Contact
SHUBHAM VERMA	Student	Male	-	-

2	SOLAR DESIGN AND FABRICATION	Product Innovation	Technological	BNCET WORKS HOP	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No
---	------------------------------	--------------------	---------------	-----------------	---------	--	---	--------------------------------	----	----	----	----	----

Name	Type	Gender	Email	Contact
FAIZ HUSSAIN	Student	Male	faizhussain2016@gmail.com	7080330250

Name	Type	Gender	Email	Contact
ANUJ KUMAR	Student	Male	-	-
PRAVEEN TIWARI	Student	Male	-	-
SMRITI PANDEY	Student	Female	-	-

3	VISIONSIKKIM APP	Product Innovation	Technological	BNCET LAB	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 8 : First of a kind commercial system. Manufacturing issues solved.	Innovation Development Completed	No	No	No	No	No
---	------------------	--------------------	---------------	-----------	---------	--	---	----------------------------------	----	----	----	----	----

Name	Type	Gender	Email	Contact
SAKSHI AGRAWAL	Student	Female	sasakshiagarwal369@gmail.com	7850049952

Name	Type	Gender	Email	Contact
SAUMYA SHUKLA	Student	Female	-	-
ADITY TIWARI	Student	Female	-	-
LAIBA NOOR	Student	Female	-	-
AASIYA ZABEEN	Student	Female	-	-
PARITOSH SHUKLA	Student	Male	-	-

4	GROWMEORGANIC	Product Innovation	Technological	BNCET LAB	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 9 : Full commercial application, technology available for consumers.	Innovation Adopted and Implemented at Ground	No	No	No	No	No
---	---------------	--------------------	---------------	-----------	---------	--	--	--	----	----	----	----	----

Name	Type	Gender	Email	Contact
ANANT GUPTA	Student	Male	imanantgupta@gmail.com	8787288588

5	KTCARRO	Product Innovation	Technological	BNCET LAB	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 9 : Full commercial application, technology available for consumers.	Innovation Adopted and Implemented at Ground	No	No	No	No	No
---	---------	--------------------	---------------	-----------	---------	--	--	--	----	----	----	----	----

Name	Type	Gender	Email	Contact
KARTIK GUPTA	Student	Male	kabirgupta609@gmail.com	9125244208

6	SCOOBY APP	Product Innovation	Technological	BNCET LAB	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 9 : Full commercial application, technology available for consumers.	Innovation Adopted and Implemented at Ground	No	No	No	No	No
---	------------	--------------------	---------------	-----------	---------	--	--	--	----	----	----	----	----

Name		Type							Gender			Email		Contact	
KUNAL SINGH		Student							Male			ks8600517507@gmail.com		8600517507	
7	VIRO-DESTRUCTER	Product Innovation	Technological	BNCET BIOTECH LAB	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	No	No	No		
Name		Type							Gender			Email		Contact	
DR. PANKAJ VERMA		Faculty							Male			pdev8623@gmail.com		9555333885	
8	SELF BALANCING BIKE	Product Innovation	Technological	I-CREATE, GUJRAT	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	<table border="1"> <tr> <td>Grant Amount in Rs</td> <td>50000</td> </tr> </table>		Grant Amount in Rs	50000	No
Grant Amount in Rs	50000														
Name		Type							Gender			Email		Contact	
PANKAJ YADAV		Student							Male			pankajyadav8744@gmail.com		9129921359	
Name		Type							Gender			Email		Contact	
SHIVENDRA PRATAP SINGH		Student							Male			-		-	
SHUDHANSHU SINGH		Student							Male			-		-	

9	CONVERSION OF WASTE MATERIAL INTO USEFUL ENERGY	Product Innovation	Technological	I-CREATE	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	Grant Amount in Rs 50000	No	No
Name		Type			Gender		Email		Contact				
RAVI PRAKASH TRIPATHI		Student			Male		sravitripathi881@gmail.com		99935464102				
Name		Type			Gender		Email		Contact				
AMIT KUMAR UPADHYAY		Student			Male		-		-				
MANTU KUMAR BHARTI		Student			Male		-		-				

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

No Data Filled!

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

No Data Filled!

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

No Data Filled!

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

No Data Filled!

Declaration

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

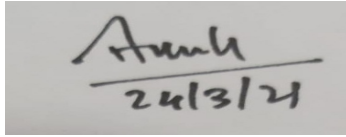
Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Prof. Ashutosh Dwivedi (Head of Institute) and Dr. Gyanendra Kumar Gupta (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

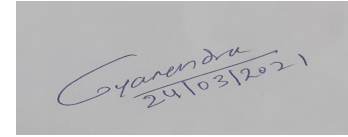
Thank you

The Head of Institute



Prof. Ashutosh Dwivedi
Head of the Institution,
LUCKNOW, Uttar Pradesh

Nodal officer



Dr. Gyanendra Kumar Gupta
Nodal Officer,
LUCKNOW, Uttar Pradesh