



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: RAJA BALWANT SINGH ENGINEERING TECHNICAL CAMPUS, AGRA [ARI-C-46018]

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	Biotechnology	Academic Department with lab facility	Biotechnology	UG / PG / PhD	Technical	63	5	2
2	Food Technology	Academic Department with lab facility	Food Technology	UG / PG / PhD	Technical	45	4	4
3	Pharmacy	Academic Department with lab facility	Pharmacy	UG / PG / PhD	Technical	60	9	7
4	Chemical Engineering	Academic Department with lab facility	Chemical Engineering	UG / PG / PhD	Technical	35	4	4
5	Computer Science Engineering	Academic Department with lab facility	Computer Science Engineering	UG / PG / PhD	Technical	71	9	5
6	Electronics and Communication Engineering	Academic Department with lab facility	Electronics & Communication Engineering	UG / PG / PhD	Technical	45	7	4
7	Mechanical Engineering	Academic Department with lab facility	Mechanical Engineering	UG / PG / PhD	Technical	40	8	8
8	Electrical Engineering	Academic Department with lab facility	Electrical Engineering	UG / PG / PhD	Technical	40	4	4
9	Civil Engineering	Academic Department with lab facility	Civil Engineering	UG / PG / PhD	Technical	35	5	3
10	Civil Engineering	Academic Department with lab facility	Civil Engineering	UG / PG / PhD	Technical	35	5	3
11	Applied Sciences and Humanities	Academic Department with lab facility	Chemistry, Physics , Maths, English and Humanities	UG / PG / PhD	Technical	105	14	4
12	Central Equipment Facility	Centre of Excellence with Advance Tools & Equipment	Pharmacy	UG / PG / PhD	Technical	85	2	1

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

13	Research and Innovation Cell	Centre of Excellence with Advance Tools & Equipment	Innovation , Research and Entrepreneurship	UG / PG / PhD	Technical	1200	8	1
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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 : IC201912766
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	Workshop on '3-D CAD DESIGNING SOFTWARE - SOLID WORKS' by CAD CAM ENGG.	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Civil Engineering	09-11-2019 00:00:00	09-11-2019 00:00:00	1	Within Campus	140	3	0	0	143	No	No
2	'NEW TECHNIQUES OF PRODUCTION OF PORTLAND CEMENT'	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Civil Engineering	31-03-2020 00:00:00	31-03-2020 00:00:00	1	Within Campus	100	4	0	0	104	No	No
3	Computer Aided Design And drafting	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Cad Centre Agra	26-02-2020 00:00:00	26-02-2020 00:00:00	1	Within Campus	100	5	0	0	105	No	No
4	Ansys Training	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Schedio CAD Pvt. Ltd. Noida	29-02-2020 00:00:00	29-02-2020 00:00:00	1	Within Campus	50	4	0	0	54	No	No

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

5	Sustainable innovative ideas : An opportunity for entrepreneurship : Dr. Kalam Startup Parikrama	Entrepreneurship/Startup	Innovation Contest	Institute Lead Activity	Research and Innovation Cell	09-11-2019 00:00:00	09-11-2019 00:00:00	1	Within Campus	150	8	100	0	258	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	18000	Award / Position / Recognition Secured	First and Third
																	Title of Innovation / Start-up Secured the Award / Recognition	Sustainable innovative ideas An opportunity for entrepreneurship
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
6	Mobile Application Design	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Computer Science and Engineering	01-02-2020 00:00:00	01-02-2020 00:00:00	1	Within Campus	150	5	0	0	155	No	No	No	No
7	Python, Data Sciences and Machine Learning	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Computer Science and Engineering	31-08-2019 00:00:00	31-08-2019 00:00:00	1	Within Campus	200	6	0	0	206	No	No	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	Product Development conducted by the Centre for Continuing Education funded by Technical Education Quality Improvement Programme Phase-III AKTU	Entrepreneurship/Startup	Training	Centre for Continuing Education, IIT, Kanpur	Govt. Agency (Central)	15-01-2020 00:00:00	19-01-2020 00:00:00	5	0	1	1	No	---	---	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

2	PRODUCT REALIZING USING 3D PRINTING	Entrepreneurship/Startup	Training	IIT KANPUR	Govt. Agency (Central)	28-09-2019 00:00:00	02-10-2019 00:00:00	5	0	2	2	No	---	---	No	No
3	ARTIFICIAL INTELLIGENCE APPLICATION REVIEW IN THE HUMAN RESOURCE MANAGEMENT SECTOR	Entrepreneurship/Startup	Conference	Institute of Engineering and Technology, Alwar	Educational Institute	15-02-2020 00:00:00	16-02-2020 00:00:00	2	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)

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)

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?
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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	Research and Innovation Cell	Innovation Centre	2019	Co-working Space	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr V K Srivastava</td> </tr> <tr> <td>Facility Incharge Email</td> <td>vivekrb_scolleg@yahoo.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9411925287</td> </tr> </table>	Facility Incharge Name	Dr V K Srivastava	Facility Incharge Email	vivekrb_scolleg@yahoo.com	Facility Incharge Phone	9411925287	8	No	No	Yes
Facility Incharge Name	Dr V K Srivastava																
Facility Incharge Email	vivekrb_scolleg@yahoo.com																
Facility Incharge Phone	9411925287																
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				R B S Engineering Technical Campus, Bichpuri, Agra			Educational Institute		0								

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
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1	Vishisht Agri Irrigation System	Product Innovation	Technological	Innovation developed by the individual department	Student-Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Completed	<table border="1"> <tr> <td>Agency Name</td> <td>AICTE Chhattravishwakarma Awards 2019</td> </tr> <tr> <td>Agency Type</td> <td>Govt. Agency (Central)</td> </tr> <tr> <td>Award / Position / Recognition Secured</td> <td>No</td> </tr> </table>	Agency Name	AICTE Chhattravishwakarma Awards 2019	Agency Type	Govt. Agency (Central)	Award / Position / Recognition Secured	No	No	No	No	No
Agency Name	AICTE Chhattravishwakarma Awards 2019																		
Agency Type	Govt. Agency (Central)																		
Award / Position / Recognition Secured	No																		

Name	Type	Gender	Email	Contact
SOM MISHRA	Student	Male	sommishraghr624@gmail.com	8445504492

Name	Type	Gender	Email	Contact
SONALI SHARMA	Student	Female	sharmasonali5482@gmail.com	9528211496
MONA YADAV	Student	Female	monayadav569@gmail.com	9568650776
KARISHMA VERMA	Student	Female	sonikarishma7626@gmail.com	7617443093

2	Manually operated pesticide spray machine	Product Innovation	Technological	Technology developed by Individual department	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Completed	Agency Name	ABDUL KALAM INNOVATION GALLERY	No	No	No	No
									Agency Type	Govt. Agency (State)				
									Award / Position / Recognition Secured	Yes				

Name	Type	Gender	Email	Contact
Manish Rathore	Student	Male	mr911218@gmail.com	8630766918

Name	Type	Gender	Email	Contact
8630766918	Student	Male	sanidhyasingh65@gmail.com	8273389337

3	Preparation of Mango Kernel powder and its uses for edible purposes	Product Innovation	Technological	Developed by individual department	Student-Faculty	TRL 2 : Technology formulation - Concept and application have been formulated.	TRL 2 : Technology formulation - Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Rishabh Goyal	Student	Male	iamgoyalrishabh@gmail.com	8979255665

Name	Type	Gender	Email	Contact
Sakshi Gupta	Student	Female	sakshigu5@gmail.com	8392853967
Priya Kushwah	Student	Female	priyakushwaha11097@gmail.com	7302727607
Savinay Kant	Student	Male	conorsavinaynotorius099@gmail.com	9634614552
Sara Goswami	Student	Female	saragoswami0903@gmail.com	8171072862

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

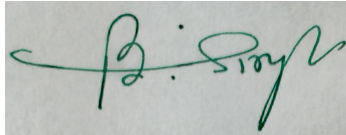
Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Dr. B. S. Kushwah (Head of Institute) and Dr. Pankaj 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.

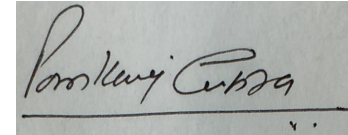
Thank you

The Head of Institute



Dr. B. S. Kushwah
Head of the Institution,
Agra, Uttar Pradesh

Nodal officer



Dr. Pankaj Gupta
Nodal Officer,
Agra, Uttar Pradesh