



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: Govt. Nagarjuna P.G. College of Science, Raipur (C.G.) [ARI-C-21828]

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	BOTANY	Academic Department with lab facility	SCIENCE/LIFE SCIENCE/MUSHROOM CULTIVATION	UG / PG / PhD	Non-Technical	845	8	6
2	PHYSICS	Academic Department with lab facility	SCIENCE/PHYSICAL SCIENCES/MODELING & SIMULATION	UG / PG / PhD	Non-Technical	1027	8	6
3	GEOLOGY	Academic Department with lab facility	SCIENCE/ENVIRONMENT & EARTH SCIENCE HYDRO GEOLOGY	UG / PG / PhD	Non-Technical	255	4	2
4	ZOOLOGY	Academic Department with lab facility	SCIENCE/LIFE SCIENCE/VERMICOMPOSTING	UG / PG / PhD	Non-Technical	796	7	6
5	CHEMISTRY	Academic Department with lab facility	SCIENCE/CHEMICAL SCIENCES/ENVIRONMENT	UG / PG / PhD	Non-Technical	1629	15	6
6	MATHEMATICS	Academic Department with lab facility	SCIENCE/MATHEMATICAL/WAVELET ANALYSIS & VEDIC MATHEMATICS	UG / PG / PhD	Non-Technical	1034	7	1

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	No	Not Required
Establishment of Institution's Innovation Council (IIC) at HEI	NO	Not Required
Trained Innovation Ambassadors at HEI	NO	Not Required
Participation in Smart India Hackathon (SIH)	No	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	Geological exposure /Training	Entrepreneurship/ Startup	Training	Institute Lead Activity	DEPARTMENT OF GEOLOGY	10-02-2020 00:00:00	20-02-2020 00:00:00	11	Outside Campus	17	1	0	0	18	No	No
2	Project based learning	Entrepreneurship/ Startup	Training	Institute Lead Activity	GEOLOGY	10-02-2020 00:00:00	23-02-2020 00:00:00	14	Outside Campus	7	0	0	0	7	No	No
3	Project based learning	Entrepreneurship/ Startup	Training	Institute Lead Activity	GEOLOGY	17-02-2020 00:00:00	29-02-2020 00:00:00	13	Outside Campus	4	0	0	0	4	No	No
4	Project based learning	Entrepreneurship/ Startup	Training	Institute Lead Activity	GEOLOGY	10-02-2020 00:00:00	23-02-2020 00:00:00	14	Outside Campus	7	0	0	0	7	No	No
5	Project based learning	Entrepreneurship/ Startup	Training	Institute Lead Activity	GEOLOGY	27-02-2020 00:00:00	12-03-2020 00:00:00	15	Outside Campus	3	0	0	0	3	No	No
6	ENTREPRENEURSHIP AWARENESS CAMP	Entrepreneurship/ Startup	Training	Institute Lead Activity	Govt. Nagarjuna PG College of Science Raipur	15-01-2020 00:00:00	17-01-2020 00:00:00	3	Within Campus	75	7	0	0	82	No	No
7	INNOVATION WORKS HOP	Entrepreneurship/ Startup	Training	Institute Lead Activity	MATHEMATICS	13-01-2020 00:00:00	14-01-2020 00:00:00	2	Within Campus	0	4	55	2	61	No	No
8	Wildlife of Pench, Maharashtra	Entrepreneurship/ Startup	Seminar	Institute Lead Activity	ZOOLOGY	30-07-2019 00:00:00	30-07-2019 00:00:00	1	Within Campus	20	5	0	0	25	No	No
9	The Transition From Self-Harm to Self-Love	Entrepreneurship/ Startup	Seminar	Institute Lead Activity	ZOOLOGY	21-10-2019 00:00:00	21-10-2019 00:00:00	1	Within Campus	45	7	0	0	52	No	No
10	"Recombinant DNA Technology"	Entrepreneurship/ Startup	Seminar	Institute Lead Activity	ZOOLOGY	20-01-2020 00:00:00	20-01-2020 00:00:00	1	Within Campus	60	0	0	0	60	No	No

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

11	Scope and Research Needs for Chhattisgarh in Biodiversity Conservation	Entrepreneurship/Startup	Seminar	Institute Lead Activity	ZOOLOGY	06-02-2020 00:00:00	06-02-2020 00:00:00	1	Within Campus	35	7	0	0	42	No	No
12	"iNaturalist" and 'eBirds' : Online apps for sharing knowledge on Biodiversity".	Entrepreneurship/Startup	Training	Institute Lead Activity	ZOOLOGY	12-02-2020 00:00:00	12-02-2020 00:00:00	1	Within Campus	50	5	0	0	55	No	No
13	"The annual Great Backyard Bird Count"	Entrepreneurship/Startup	Training	Institute Lead Activity	ZOOLOGY	17-02-2020 00:00:00	17-02-2020 00:00:00	1	Within Campus	50	4	0	0	54	No	No
14	On World Wildlife Day (Drawing and Mahendi Competition)	Innovation	Awareness	Institute Lead Activity	ZOOLOGY	03-03-2020 00:00:00	03-03-2020 00:00:00	1	Within Campus	40	0	0	0	40	No	No
15	Documentary film: Human-Induced Wildlife Conflicts in the Changing Scenario On World Wildlife Day	Innovation	Awareness	Institute Lead Activity	ZOOLOGY	03-03-2020 00:00:00	03-03-2020 00:00:00	1	Within Campus	40	7	0	0	47	No	No
16	SKILL TRAINING	Entrepreneurship/Startup	Skill development	Institute Lead Activity	PHYSICS	08-04-2019 00:00:00	22-04-2019 00:00:00	15	Outside Campus	19	0	0	0	19	No	No

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

17	56th Annual Convention of Chemists & International Conference on Recent Trends in Chemical Sciences	Innovation	Conference	Institute Lead Activity	CHEMISTRY	14-11-2019 00:00:00	16-11-2019 00:00:00	3	Within Campus	700	15	800	10	1525	No	Award / Position / Recognition Secured	AWARD
																Title of Innovation / Start-up Secured the Award / Recognition	Shree BML Bhasin Memorial Award Young Scientist Award By Indian Chemical Society
																Award/Recognition/Achievement Received for	Novel Research Paper/Work

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	GEOLOGICAL EXPOSURE TRAINING	Entrepreneurship/Startup	Training	GEOLOGY	Govt. Agency (Central)	10-02-2020 00:00:00	20-02-2020 00:00:00	11	17	1	18	No	---	---	No	No
2	NEW TECHNIQUES IN GROUND WATER STUDIES	Entrepreneurship/Startup	Training	GEOLOGY	Govt. Agency (State)	04-11-2019 00:00:00	08-11-2019 00:00:00	5	11	0	11	No	---	---	No	No
3	One day workshop on Herbal Product Preparation.	Entrepreneurship/Startup	Skill development	BOTANY	Educational Institute	22-11-2019 00:00:00	22-11-2019 00:00:00	1	45	8	53	No	---	---	No	No
4	PRINTED CIRCUIT BOARD DESIGNING	Entrepreneurship/Startup	Skill development	PHYSICS	Educational Institute	18-11-2019 00:00:00	19-11-2019 00:00:00	2	48	2	50	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

5	ENTREPRENEURSHIP AWARENESS CAMP	Entrepreneurship/Startup	Training	Govt. Nagarjuna PG College of Science Raipur (C.G.)	Govt. Agency (State)	15-01-2020 00:00:00	17-01-2020 00:00:00	3	75	7	82	No	---	---	No	No
6	INNOVATION WORKSHOP	Entrepreneurship/Startup	Training	Govt. Nagarjuna PG College of Science Raipur	Educational Institute	13-01-2020 00:00:00	14-01-2020 00:00:00	2	55	6	61	No	---	---	No	No
7	Recombinant DNA Technology	Entrepreneurship/Startup	Seminar	ZOOLOGY	Educational Institute	20-01-2020 00:00:00	20-01-2020 00:00:00	1	60	0	60	No	---	---	No	No
8	Scope and Research Needs for Chhattisgarh in Biodiversity Conservation	Entrepreneurship/Startup	Seminar	ZOOLOGY	Educational Institute	06-02-2020 00:00:00	06-02-2020 00:00:00	1	35	7	42	No	---	---	No	No
9	iNaturalist and eBirds Online apps for sharing knowledge on Biodiversity	Entrepreneurship/Startup	Training	ZOOLOGY	Educational Institute	12-01-2020 00:00:00	12-02-2020 00:00:00	32	50	5	55	No	---	---	No	No
10	SKILL TRAINING	Entrepreneurship/Startup	Skill development	PHYSICS	Govt. Agency (Central)	08-04-2019 00:00:00	22-04-2019 00:00:00	15	19	0	19	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

11	International Conference on Material Science for Environment (ICME) 2020	Innovation	Conference	Govt. V.Y.T. PG Autonomous College of Science, Durg (C.G.)	Educational Institute	24-01-2020 00:00:00	25-01-2020 00:00:00	2	40	10	50	Yes	First Prize	Halical packing of nanoparticles confined in cylindrical domains of self assembled block copolymer structure	No	Award / Position / Recognition Secured	First Prize	Title of Innovation / Start-up Secured the Award / Recognition	Halical packing of nanoparticles is confined in cylindrical domains of self assembled block copolymer structure	Award/Recognition/Achievement Received for	Novel Research Paper/Work
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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)

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	NEW TECHNIQUE IN GROUND WATER STUDIES	Entrepreneurship/Startup	Employment Generation Training Programs	GEOLOGY	04-11-2019	08-11-2019	5	Offline	11	32
2	WORKSHOP ON HERBAL PRODUCT PREPARATION	Entrepreneurship/Startup	Employment Generation Training Programs	BOTANY	21-11-2019	24-11-2019	4	Offline	56	36
3	PRINTED CIRCUIT BOARD DESIGNING	Entrepreneurship/Startup	Employment Generation Training Programs	PHYSICS	18-11-2019	21-11-2019	4	Offline	50	30

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. Preeti Mishra	Zoology	Assistant Professor	No	Yes			
						Training Name	Training Theme	Type of Course
2	Dr. Indu Mandrik	Zoology	Assistant Professor	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
3	Dr. Shashi Gupta	Zoology		Assistant Professor				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
4	Dr. Seema Gupta	Zoology		Assistant Professor				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
5	Dr. Kavita Das	Zoology		Assistant Professor				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
6	Dr. Renu Maheshwari	Zoology		Assistant Professor				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
7	Dr. Vimal Kanungo	Botany		Assistant Professor				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
8	Dr. Avinash Kumar Sharma	Botany		Assistant Professor				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
9	Dr. Rupinder Diwan	Botany		Assistant Professor				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
10	Dr. NB Singh	Botany		Assistant Professor				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
11	Dr. Suneeta Patra	Botany		Assistant Professor				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
12	Dr. Sangeeta Bajpai	Botany		Assistant Professor				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
13	Dr. Rekha Pimplegaonkar	Botany		Assistant Professor				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
14	Dr. Deepak Sinha	Chemistry		Assistant Professor				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
15	Dr. Rajeev Guhey	Geology		Assistant Professor				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
16	Dr. Varsha Karanjaonkar	mathematics		Assistant Professor				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
17	Dr. Harsh Sharma	English		Assistant Professor				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
18	Dr. Renu Saxena	Hindi		Assistant Professor				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
19	Dr. Anjali Oudhia	Physics		Assistant Professor				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
20	Dr. V.K. Dubey	Physics		Assistant Professor				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
21	Dr. Reeta Soni	English		Assistant Professor				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
22	Dr. CM Disuza	English		Assistant Professor				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	SCIENCE CLUB	Idea Club	2006	Co-working Space	Pre-Incubation Unit	3	Dr. Rajeev Guhey	guheygeol@gmail.com	9993244948

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

Srno	Name of the External Expert/Agency as Mentor	Mentor Expert Area					Type of Mentorship
1	Mr. Prashnan Nimonkar	Entrepreneurship/Startup 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
	EAC	15-01-2020	17-01-2020	3	5	75	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 Filled!

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. RADHA PANDEY (Head of Institute) and Mr. SUNEETA PATRA (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. RADHA PANDEY
Head of the Institution,
RAIPUR, Chhattisgarh

Nodal officer



Mr. SUNEETA PATRA
Nodal Officer,
RAIPUR, Chhattisgarh