



# ARIIA

## ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



**MoE**  
Ministry of Education  
Government of India

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

Institute Name: St. Andrews P.G. College, Gorakhpur [ARI-C-14234]

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

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)
Traditional Medicine Unit	Incubation Unit	Compilation of data on Traditional Medicine and medicinal Practitioners	At all level	Both	1800	123	121
Drug Discovery Unit	Research Unit / Park	Drug discovery	UG / PG / PhD	Technical	40	10	8
Patent facilitation center	Academic Department with lab facility	Patent	UG / PG / PhD	Technical	50	10	8
Aquaculture Unit	Academic Department with lab facility	Fisheries	UG / PG / PhD	Technical	50	10	4
Mushroom cultivation unit	Pre-incubation unit	Mushroom	At all level	Both	300	10	8
Fashion Design	Industry Institute Interface Unit	Ready made Garments	Diploma / Polytechnic	Technical	75	4	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 : IC202014091
Trained Innovation Ambassadors at HEI	Yes	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

### 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?
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**Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI**

1	IP Literacy and Awareness	IPR	Awareness	Institute Lead Activity	St. Andrews College	04-02-2020 00:00:00	05-02-2020 00:00:00	2	Within Campus	131	15	0	0	146	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	51000	No
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**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	FIELD TRIP	Entrepreneurship/Start-up	Exposure visit	INCUBATION CENTER	Educational Institute	11-02-2020 00:00:00	11-02-2020 00:00:00	1	45	8	53	No	---	---	No	No

**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	MUSHROOM CULTIVATION	Entrepreneurship/Start-up	Full time Program	Diploma	BOTANY DEPARTMENT	07-01-2020	15-05-2020	130	Offline	50	60

**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	AQUACULTURE	Entrepreneurship/Start-up	Employment Generation Training Programs	ZOOLOGY DEPARTMENT	08-01-2020	10-06-2020	155	Offline	50	100

**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. S. DOMINIC RAJKUMAR	BOTANY	ASSOCIATE 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

**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	BOTANY STUDY CIRCLE	Innovation Club	1991	Co-working Space, Work Stations	Innovation Park/Research Park	5	BOTANY STUDY CIRCLE	dominicrajku mar1@gmail.com	9335972738

**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!**

**List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)**

**No Data Filled!**

**List the Incubation Facilities at the HEI (>= 1500 Sq. Ft. Floor Area)**

Srno	Name of Incubation Facility	Year of Establishment	Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Incubation Unit, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Incubation Facility 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 Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Incubation Centre/Facilities?						
1	TRADITIONAL MEDICINE CENTER	2020	Innovation Labs, Innovation Park, Research Park, IPR Cell/Technology Transfer Centre	UGC-STRIDE -1	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>DR. S. DOMI NIC RAJK UMAR</td> </tr> <tr> <td>Facility Incharge Email</td> <td>domini crajku mar1@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>09335 97273 8</td> </tr> </table>	Facility Incharge Name	DR. S. DOMI NIC RAJK UMAR	Facility Incharge Email	domini crajku mar1@gmail.com	Facility Incharge Phone	09335 97273 8	8	Yes	No	Yes
Facility Incharge Name	DR. S. DOMI NIC RAJK UMAR														
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Facility Incharge Phone	09335 97273 8														
		Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)							
		Funding Agency		UGC-STRIDE		Govt. Agency (Central)		2500000							

**List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)**

**No Data Filled!**

**List the IPR Cell/Technology Transfer Centre Facilities at the HEI**

**No Data Filled!**

**Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups**

Srno	Name of the Faculty	Designation of the Faculty	Mentor Expert Area	Years of Experience in Mentorship (In Years)									
1	DR. S. DOMINIC RAJKUMAR	ASSOCIATE PROFESSOR	Entrepreneurship/Startup Development, IPR Protection & Commercialization	2									
<table border="1"> <thead> <tr> <th>Name of Idea/Innovation/ Startup Mentored</th> <th>Mentoring Setup [Within (or) Outside] HEI</th> <th>CIN (in case it is Startup)</th> </tr> </thead> <tbody> <tr> <td>MUSHROOM CULTIVATION TECHNIQUE</td> <td>Within</td> <td></td> </tr> <tr> <td>DRUG DISCOVERY TECHNIQUE</td> <td>Within</td> <td></td> </tr> </tbody> </table>					Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)	MUSHROOM CULTIVATION TECHNIQUE	Within		DRUG DISCOVERY TECHNIQUE	Within	
Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)											
MUSHROOM CULTIVATION TECHNIQUE	Within												
DRUG DISCOVERY TECHNIQUE	Within												

**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. DINESH YADAV	Entrepreneurship/Startup Development, IPR Protection & Commercialization	Unstructured Mentorship
2	PROF. V. N. PANDEY	Entrepreneurship/Startup Development	Unstructured Mentorship

**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	SOLAR LAMP ASSEMBLAGE	Service Innovation	Non-Technological / Social / Community Innovation	PHYSICS DEPARTMENT	Faculty	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Ongoing	No	No	50000	No	50000										
<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>DR. H. O. GUPTA</td> <td>Faculty</td> <td>Male</td> <td>hariom_gkp@yahoo.co.in</td> <td>6392368388</td> </tr> </tbody> </table>														Name	Type	Gender	Email	Contact	DR. H. O. GUPTA	Faculty	Male	hariom_gkp@yahoo.co.in	6392368388
Name	Type	Gender	Email	Contact																			
DR. H. O. GUPTA	Faculty	Male	hariom_gkp@yahoo.co.in	6392368388																			

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

Srno	Name of the Venture/Startup/SME Unit Established with the Support of HEI	Type of Innovation of Venture/Startup/SME Unit	Nature of Innovation	Name of the Pre-Incubation/Incubation Unit of HEI Supported Innovation Development	Venture Founded by	Venture Registered as	Year of Registration	What is the current status of Pre-Incubation/Incubation Support to Venture/Startup/ SME Unit as on 31st March 2020?	Had the Venture Received any Recognition at State, National, International Level Programs 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 Venture establishment during the financial period 2019-20?	Had the venture/startup raised any Seed fund/Angel Investment/V C 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 venture/startup for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019-20?	Has the Start-up Grown to a stage of Employment Generation to 10 Numbers or an annual Turnover to Rs. 50 Lakhs during the financial year 2019-20?
1	MUSHROOM TECHNIQUE	Market-place Innovation	Non-Technological	976	Student	Venture with Corporate Identification Number (CIN) Registration NIL	2019-20	Graduated from the Incubation unit	No	10000	No	No	No
Name			DIN number			Type		Gender		Email		Contact	
SHASHANK KUMAR			NIL			Student		Male		shashank2771986@gmail.com		9616942919	

#### List all the Collaborations with External Agencies and Co-Creation of I&E Activities by the HEI

Srno	Collaborated Agency Name	Collaborated Agency Type	Purpose of Collaboration	Type of Support Offered	No. of Student Projects/ Ideas / Innovation / Startups from the HEI get benefitted through this partnership	Date of MOU / Agreement Signed on
1	SUNRISE SEWA SANSTHAN TRUST	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Pre-incubation, Mentoring	120	21-06-2019

#### List the IPs Filed/Published/Granted (Copyright & Designs Only) by the HEI as an Applicant / Co-applicant / Co-owner

No Data Filled!

#### 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	EFFICIENT AND ECONOMIC MOSS MEDIATED SYNTHESIS OF SILVER NANO PARTICLES FOR RESISTANCE AGAINST SOME PATHOGENS	202011028554	National	2020 - 03	Uploaded

**List the IPs hold by the Innovation teams/Startups Incubated at the Pre-incubation/incubation Unit of the HEI**

**No Data Filled!**

**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. J. K. LAL (Head of Institute) and Dr. S. DOMINIC RAJKUMAR (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



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Prof. J. K. LAL  
Head of the Institution,  
GORAKHPUR, Uttar Pradesh

Nodal officer



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Dr. S. DOMINIC RAJKUMAR  
Nodal Officer,  
GORAKHPUR, Uttar Pradesh