Submitted Institute Data for Atal Ranking of Institutions on Innovation Achievements (ARIIA) - 2019-20

Institute Name: GYAN GANGA COLLEGE OF TECHNOLOGY, JABALPUR [ARI-C-53648]

Program Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation

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?	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)
Entrepreneurship Awarenes Camp	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Civil Engineering Department, Gyan Ganga Institute of Technology and Sciences	10-04-2018 00:00:00	12-04-2018 00:00:00	3	Within Campus	60	6	10	6	82	Yes	36000
Introduction to problem solving skills and algorithmic approach using Raptor flowchart interpreter	Innovation	Training and skill development	Institute Lead Activity	Department of Electronics and Communication	24-06-2019 00:00:00	29-06-2019 00:00:00	6	Within Campus	19	0	0	0	19	No	---
Training on Hands on experience of Basic Electronics and circuit designing	Innovation	Training and skill development	Institute Lead Activity	Department of Electronics and Communication	17-06-2019 00:00:00	22-06-2019 00:00:00	6	Within Campus	20	0	0	0	20	Yes	10000
Digital Circuit Design using Verilog	Innovation	Training and skill development	Institute Lead Activity	Department of Electronics and Communication	07-01-2019 00:00:00	19-01-2019 00:00:00	13	Within Campus	18	0	0	0	18	Yes	9000
Hands on Embedded System and IoT	Innovation	Training and skill development	Institute Lead Activity	Department of Electronics and Communication	05-07-2018 00:00:00	13-07-2018 00:00:00	9	Within Campus	20	0	0	0	20	Yes	13000

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Linux Training	Innovation	Training and skill development	Institute Lead Activity	Department of Electronics and Communication	10-06-2019 00:00:00	15-06-2019 00:00:00	6	Within Campus	20	0	0	0	20	No	---
Python Training	Innovation	Training and skill development	Institute Lead Activity	Department of Electronics and Communication	10-06-2019 00:00:00	15-06-2019 00:00:00	6	Within Campus	19	0	0	0	19	No	---
Java Training	Innovation	Training and skill development	Institute Lead Activity	Department of Electronics and Communication	10-06-2019 00:00:00	15-06-2019 00:00:00	6	Within Campus	22	0	0	0	22	No	---
SQL training	Innovation	Training and skill development	Institute Lead Activity	Department of Electronics and Communication	10-06-2019 00:00:00	15-06-2019 00:00:00	6	Within Campus	22	0	0	0	22	No	---
C AND CPP PROGRAMMING	Innovation	training skill development	Institute Lead Activity	DEPARTMENT OF COMPUTER SCIENCE ENGINEERING	30-05-2018 00:00:00	09-06-2018 00:00:00	11	Within Campus	102	4	0	0	106	Yes	51000
WEB DESIGINING	Entrepreneurship/Startup	training skill development	Institute Lead Activity	DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING	30-07-2018 00:00:00	08-08-2018 00:00:00	10	Within Campus	112	2	0	0	114	Yes	56000
DATA SCIENCE CLUB	Innovation	training skill development	Student Lead Activity	DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING	02-05-2019 00:00:00	20-05-2019 00:00:00	19	Within Campus	100	4	0	0	104	Yes	50000
ADVANCED JAVA PROGRAMMING	Innovation	training skill development	Institute Lead Activity	DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING	03-01-2019 00:00:00	12-01-2019 00:00:00	10	Within Campus	76	2	0	0	78	Yes	38000
PHP and MySQL TRAINING	Innovation	training skill development	Institute Lead Activity	DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING	01-07-2019 00:00:00	12-07-2019 00:00:00	12	Within Campus	90	2	0	0	92	Yes	45000

Program Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation

LAMP	Innovation	training skill development	Institute Lead Activity	DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING	17-06-2019 00:00:00	29-06-2019 00:00:00	13	Within Campus	107	4	0	0	111	Yes	53500
JAVA PROGRAMMING	Innovation	training skill development	Institute Lead Activity	DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING	01-07-2019 00:00:00	12-07-2019 00:00:00	12	Within Campus	102	6	0	0	108	Yes	51000

Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by repute external institutions or agencies at national or international level

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 program/activity/event?	Total Expense Amount Incurred by Institute? (In Rupees)
Road Saefty Engineering	Innovation	FDP	IIT Gauhati	Govt. Agency (Central)	23-06-2018 00:00:00	28-06-2018 00:00:00	6	0	1	1	No	---	---	No	---
Smart India Hackathon 2018	Innovation	Hackathon	PVG College of Engineering and Technology, Pune	Govt. Agency (Central)	18-10-2018 00:00:00	22-10-2018 00:00:00	5	5	0	5	No	---	---	No	---
Smart India Hackathon - 2019	Innovation	Hackathon	Organized by SAI VANKATESWARA COLLEGE OF ENGINEERING TIRUPATI AP	Govt. Agency (Central)	02-03-2019 00:00:00	03-03-2019 00:00:00	2	6	1	7	Yes	First Position (75,000 rs)	1070 Privacy Management System in Drones Data Collection	Yes	19661
Smart India Hackathon - 2019	Innovation	Hackathon	Organized by SAI VANKATESWARA COLLEGE OF ENGINEERING, TIRUPATI AP	Govt. Agency (Central)	02-03-2019 00:00:00	03-03-2019 00:00:00	2	6	1	7	Yes	recognition received	Privacy Management System in Drones Data Collection	Yes	19557

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Smart India Hackathon - 2019	Innovation	Hackathon	Organized by GURU NANAK INSTITUTE OF TECHNOLOGY,KOLKATA	Govt. Agency (Central)	02-03-2019 00:00:00	03-03-2019 00:00:00	2	6	1	7	Yes	Recognition	Automation on Disrupting the Counterfeit Drug Supply	Yes	13522
Smart India Hackathon - 2019	Innovation	Hackathon	Organized by JAI BHARAT INSTITUTE OF TECHNOLOGY KOCHI KERALA	Corporate / Industry Association	02-03-2019 00:00:00	03-03-2019 00:00:00	2	6	1	7	Yes	Recognition	Automation of Charging Station for Electric Vehicles	Yes	21527
Smart India Hackathon - 2019	Innovation	Hackathon	Organized by PRANVEER SINGH INSTITUTE OF TECHNOLOGY KANPUR UP	Govt. Agency (Central)	02-03-2019 00:00:00	03-03-2019 00:00:00	2	6	1	7	Yes	Recognition	Chat Bot System For Healthcare Domain	Yes	9760
Thermodynamics and its application to Solar Energy System Design	Innovation	Short term course	Madhav Institute of Technology and Science Gwalior	Govt. Agency (Central)	09-03-2019 00:00:00	18-03-2019 00:00:00	10	0	2	2	No	---	---	No	---
Programming and Algorithm for research application using MATLAB	Innovation	Faculty Development Program	PDPM Indian Institute of Information Technology Design and Manufacturing Jabalpur	Govt. Agency (Central)	06-03-2019 00:00:00	10-03-2019 00:00:00	5	0	2	2	No	---	---	Yes	2000
SRIJAN 2019	Innovation	INNOVATION CONTEST	GYAN GANGA COLLEGE OF TECHNOLOGY, JABALPUR	Non-Govt. Agencies	09-02-2019 00:00:00	09-02-2019 00:00:00	1	80	0	80	Yes	Second	Techrangoli	Yes	8000
Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Awareness	Gyan Ganga Institute of Technology and Sciences Jabalpur	Non-Govt. Agencies	13-09-2018 00:00:00	15-09-2018 00:00:00	3	25	2	27	No	---	---	Yes	12500

Courses on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period 2018-19

Title of Course/Subject Offered	Program Theme	Type of Course	Level of Course	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Enrolment Number	Total Number of Students Completed	Total Numbers of Contact Hours of Course

Course	Type	Course Type	Level	Start Date	End Date	Duration (Hrs)	Mode	Col1	Col2	Col3
Creativity and Entrepreneurship Development	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	01-01-2019 00:00:00	30-06-2019 00:00:00	181	Offline	58	58	35
LAMP Linux Apache MySQL PHP	Innovation	Short term Certificate	Bachelor	17-06-2019 00:00:00	29-06-2019 00:00:00	13	Offline	120	120	80
Introduction to Networks	Innovation	Short term Certificate	Bachelor	16-08-2018 00:00:00	31-08-2018 00:00:00	16	Online	120	118	70
Routing and Switching Essentials	Innovation	Short term Certificate	Bachelor	01-09-2018 00:00:00	15-09-2018 00:00:00	15	Online	110	100	70
Programming Essentials in C	Innovation	Short term Certificate	Bachelor	17-09-2018 00:00:00	29-09-2018 00:00:00	13	Online	500	400	70
Advanced Programming in C	Innovation	Short term Certificate	Bachelor	01-10-2018 00:00:00	15-10-2018 00:00:00	15	Online	500	450	70
Programming Essentials in CPP	Innovation	Short term Certificate	Bachelor	16-10-2018 00:00:00	30-10-2018 00:00:00	15	Online	480	440	70
Advanced Programming in CPP	Innovation	Short term Certificate	Bachelor	01-01-2019 00:00:00	15-01-2019 00:00:00	15	Online	472	450	70
Cybersecurity Essentials	Innovation	Short term Certificate	Bachelor	16-01-2019 00:00:00	30-01-2019 00:00:00	15	Online	485	442	70
Introduction to Cyber Security	Innovation	Short term Certificate	Bachelor	01-02-2019 00:00:00	15-02-2019 00:00:00	15	Online	460	425	70
Cybersecurity Operations	Innovation	Short term Certificate	Bachelor	16-02-2019 00:00:00	28-02-2019 00:00:00	13	Online	475	442	70
Introduction to IoT	Innovation	Short term Certificate	Bachelor	01-03-2019 00:00:00	15-03-2019 00:00:00	15	Online	460	435	70
Programming Essentials in Python	Innovation	Short term Certificate	Bachelor	15-03-2019 00:00:00	30-03-2019 00:00:00	16	Online	480	442	70
startup and Industrial Lectures	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	01-02-2018 00:00:00	15-05-2019 00:00:00	469	Offline	38	38	35
Creativity and Entrepreneurship Development	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	01-02-2018 00:00:00	15-05-2018 00:00:00	104	Offline	38	38	35
Internship	Innovation	Elective/Core Credit Course	Bachelor	01-01-2019 00:00:00	31-03-2019 00:00:00	90	Offline	24	24	40
Creativity and Enterpreneurship development	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	01-01-2019 00:00:00	31-03-2019 00:00:00	90	Offline	50	50	40
Startup and Industrial Lectures	Entrepreneurship/Startup	EDP	Bachelor	01-01-2019 00:00:00	31-03-2019 00:00:00	90	Offline	50	50	40

Innovation, Pre-Incubation & Incubation Centre/Facilities exists in campus

Name of Centre	Type of Facility	Year of Facility Creation	Facility Location / Address	Facility Incharge	Carpet Area of Facility	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation & Incubation Centre/Facilities?	Had institute Generated Income either from Services Offered by Pre-Incubation & Incubation Centre/Facilities?

Innovation, Pre-Incubation & Incubation Centre/Facilities exists in campus

GGITS NIC	Pre–Incubation Centre	2018	GGITS CAMPUS	Facility Incharge Name: Khushboo Khatri Facility Incharge Email: khushbootiwari@ggits.org Facility Incharge Phone: 7042794830	475 Sq. Ft.	No	No
Jabalpur Incubation Center (JIC),3rd Floor. M.P. Audyogik Kendra Vikas Nigam (J) Ltd,Howbagh Railway Station Rd, MCI Colony, Gorakhpur, Jabalpur, Madhya Pradesh 482001	Pre–Incubation Centre	2019	Jabalpur Incubation Center (JIC),3rd Floor. M.P. Audyogik Kendra Vikas Nigam (J) Ltd,Howbagh Railway Station Rd, MCI Colony, Gorakhpur, Jabalpur, Madhya Pradesh 482001	Facility Incharge Name: Kailash Bhati Facility Incharge Email: kailashbhati.cs@jscljabalpur.org Facility Incharge Phone: 9329840723	2916 Sq. Ft.	No	No
MSME-Tool Room, Hyderabad (Central Institute of Tool Design)	Incubation Unit	2019	MSME-Tool Room, Hyderabad (Central Institute of Tool Design)	Facility Incharge Name: Shri G. Sanath Kumar Facility Incharge Email: citdcadcam@citdindia.org Facility Incharge Phone: 04023771959	10000 Sq. Ft.	Yes Annual Capital Expenditure (In Rupees): 75000 Annual Operational Expenditure (In Rupees): 50000	No

Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus

Name of Centre	Source of Grant / Fund	Agency Name	Agency Type	Had Received Grants / Funds by Pre-Incubation & Incubation Centre / Facilities exists in Campus?	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)
MSME-Tool Room, Hyderabad (Central Institute of Tool Design)	Funding Agency	Central Institute of Tool Design (CITD),Hyderabad	Govt. Agency (Central)	No	---
GGITS NIC	Institute's Own Fund / Resource	---	---	No	---
Jabalpur Incubation Center (JIC),3rd Floor. M.P. Audyogik Kendra Vikas Nigam (J) Ltd,Howbagh Railway Station Rd, MCI Colony, Gorakhpur, Jabalpur, Madhya Pradesh 482001	Funding Agency	Jabalpur Incubation Center (JIC)	Govt. Agency (State)	No	---
MSME-Tool Room, Hyderabad (Central Institute of Tool Design)	Funding Agency	MSME-Tool Room Hyderabad (Central Institute of Tool Design)	Govt. Agency (Central)	Yes	75000
MSME-Tool Room, Hyderabad (Central Institute of Tool Design)	Institute's Own Fund / Resource	---	---	No	---

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre-Incubation/Incubation Support Received	Current Status of Innovation, Stage of TRL it has reached	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 2018-19	Had the Idea/Prototype/Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute 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 2018-19?
Technology Formulation. Concept and application have been formulated	MSME-Tool Room, Hyderabad (Central Institute of Tool Design)	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2019	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	No	No	No

Principal Innovator

Name	Type	Gender	Email	Contact
Saurabh Sharma	Faculty	Male	saurabhsharma@ggct.co.in	9584626867

Co-Innovator

Name	Type	Gender	Email	Contact
JANVI IYER	Student	Female	janviiyer99@gmail.com	7354650796

Start-ups have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

Name of Start-up Received Funding / Grant from Centre	Name of Centre	Year of Registration	Registered as	Start-up with Corporate Identification Number (CIN) Registration	Start-up Founded by	Type of Innovation	Current Status Pre-Incubation/Incubation Support Received	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 2018-19	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Start-up during the financial period 2018-19?	Had the Start-up raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19?	Had the Incubation Centre/institute Received any income/revenue from Start-up for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19 ?
Drone Data Security	MSME-Tool Room, Hyderabad (Central Institute of Tool Design)	2018-19	One Person Company	U74999DL2015PTC286119	Student	Non-IP / Non-Patented Technology	Receiving Incubation Support from Incubation Unit	No	No	No	No

Founder

Name	DIN Number	Type	Gender	Email	Contact
JANVI IYER	1070	Student	Female	janviiyer99@gmail.com	7354650796

Co-Incubation Partnership

Type of Partnership	Partnership Institute Name	Type of Support Offered	No. of Student Projects/ Ideas / Innovation / Startups Supported	Date of MOU / Agreement Signed on
Incubation Services/Support Extended to Other Institute	Central Institute of Tool Design	Incubation	7	03-03-2019
Incubation Services/Support Extended to Other Institute	Jabalpur Incubation Center	Mentoring	10	04-01-2019

Technology Commercialization / Transfer

Name of Technology Licenced / Transferred / Commercialized	Technology Type	Type of Transfer	Patent / Licence Number	Patent / Licence Holder		Centre / Department of Origin of Licence	Licence Transferred to		Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Total Annual Income Received from Technology Transfer/Licensing (In Rupees)
Privacy Management System in Drones Data Collection	Non-IP/Non-Patented Technology	One-time transfer/Licensing	1070	Patent/Licence Holder name (Institute Co-ownership is Must)	Central Institute of Tool Design	Central Institute of Tool Design	Licence Transferred to	Industry	No	---
				Contact number of license holder	9584626867		Name of Industry/Start-up/Agency Received License/Technology	Central Institute of Tool Design		
				Email of Licence holder	saurabhsharma@ggct.co.in		Address of Agency	Cross Roads IDA Balanagar Hyderabad Telangana		
				Gender	Male		Contact Number of Agency	04023772748		
							Email of Agency	citdcadcam@citdindia.org		