



ARIIA

ATL 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: Ghousia College of Engineering, RAMANAGARAM [ARI-C-1419]

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	Civil Engineering	Academic Department with lab facility	Civil Engineering	UG / PG / PhD	Technical	296	22	4
2	Mechanical Engineering	Academic Department with lab facility	Mechanical Engineering	UG / PG / PhD	Technical	247	25	4
3	Electrical and Electronics Engineering	Academic Department with lab facility	Electrical & Electronics Engineering	UG / PG / PhD	Technical	122	13	2
4	Electronics and Communication Engineering	Academic Department with lab facility	Electronics and Communication	UG / PG / PhD	Technical	156	18	2
5	Computer Science and Engineering	Academic Department with lab facility	Computer Science and Engineering	UG / PG / PhD	Technical	265	20	3
6	Basic Science	Research Unit / Park	Basic Science	UG / PG / PhD	Non-Technical	5	5	2
7	Civil Engineering	Research Unit / Park	Structural engineering	UG / PG / PhD	Technical	20	3	1
8	Mechanical Engineering	Research Unit / Park	Manufacturing Science and Engineering	UG / PG / PhD	Technical	5	5	1
9	Electrical and Electronics Engineering	Research Unit / Park	High Voltage Engineering	UG / PG / PhD	Technical	1	1	1
10	Incubation Center	Incubation Unit	Engineering	At all level	Technical	49	10	1
11	Training and Placement	Industry Institute Interface Unit	Training and Placement	UG / PG / PhD	Technical	350	8	1
12	Pre incubation Centre	Pre-incubation unit	Technology	UG / PG / PhD	Technical	16	2	1
13	Ghousia IPR Cell	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Patenting of innovations	At all level	Both	25	4	1
14	Centre of Excellence	Centre of Excellence with Advance Tools & Equipment	Innovations in Technology	At all level	Technical	20	4	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	Yes	Not Required
Establishment of Institution's Innovation Council (IIC) at HEI	YES	IIC Registration ID : IC202014295
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	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	Future World – A Paradigm Shift in Technology	Entrepreneurship/Startup, Innovation	Ideation	Institute Lead Activity	Electrical and Electronics Engineering	01-06-2019 00:00:00	05-06-2019 00:00:00	5	Within Campus	50	15	15	20	100	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 20000	No
2	Pre-Hackathon	Entrepreneurship/Startup	Ideation	Institute Lead Activity	Ghousia College of Engineering	29-08-2019 00:00:00	29-08-2019 00:00:00	1	Within Campus	100	25	20	2	147	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 10000	No
3	E-step Boot Camp for startup	Entrepreneurship/Startup	Boot camp	Institute Lead Activity	Ghousia College of Engineering	10-08-2019 00:00:00	10-08-2019 00:00:00	1	Within Campus	120	20	10	2	152	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 10000	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?
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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

1	Innovation Walkathon	Innovation	Training	Siddaganga Institute of Technology	Educational Institute	01-05-2019 00:00:00	02-05-2019 00:00:00	2	50	5	55	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	20000	No
2	Workshop on E-step Boot Camp for startup	Entrepreneurship/Startup	Motivational speak	Ghousia College of Engineering	Educational Institute	10-08-2019 00:00:00	10-08-2019 00:00:00	1	100	20	120	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	10000	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)

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	AUTOMATION USING PLC and SCADA	Entrepreneurship/Startup	Employment Generation Training Programs	Electronics and Communication Engineering	01-07-2020	05-07-2020	5	Online	100	40

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

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	Ghousia - Innovation Club	Innovation Club	2017	Co-working Space	Incubation Unit	1	Ghousia Innovation Club	ghousiainnovation2017@gmail.com	27273474
2	Ghousia Students Idea Club	Idea Club	2019	Co-working Space	Pre-Incubation Unit, Centre of Excellence with Advance Tools	2	Innovation Club	ghousiainnovation@gmail.com	27274346

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?						
1	Ghousia Pre-incubation Center	Tinkering Lab	2017	Co-working Space, Work Stations	Incubation Unit, Innovation Labs, Student Clubs	Incubation Unit, Innovation Labs, Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Faheem Ahmed Khan</td> </tr> <tr> <td>Facility Incharge Email</td> <td>faheemahmedkhan11@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9986343109</td> </tr> </table>	Facility Incharge Name	Dr. Faheem Ahmed Khan	Facility Incharge Email	faheemahmedkhan11@gmail.com	Facility Incharge Phone	9986343109	03	Yes	No	Yes
Facility Incharge Name	Dr. Faheem Ahmed Khan																
Facility Incharge Email	faheemahmedkhan11@gmail.com																
Facility Incharge Phone	9986343109																
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			Ghousia College of Engineering			Educational Institute			25000								

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)

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	New Age Incubation Center	2017	Innovation Labs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. N. S. kumar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>nskumar@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9535351860</td> </tr> </table>	Facility Incharge Name	Dr. N. S. kumar	Facility Incharge Email	nskumar@gmail.com	Facility Incharge Phone	9535351860	03	No	No	Yes
Facility Incharge Name	Dr. N. S. kumar														
Facility Incharge Email	nskumar@gmail.com														
Facility Incharge Phone	9535351860														
Source of Grant / Fund			Agency Name			Agency Type			Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)						

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

Srno	Name of IPR Cell/Technology Transfer Centre Facility	Year of Establishment	IPR Cell/Technology Transfer Centre with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with IPR Cell/Technology Transfer Centre, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the IPR Cell/Technology Transfer Centre 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 IPR Cell/Technology Transfer Centre?	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation/Startup/Venture Development and implementation during the Financial Year 2019-20?						
1	Ghousia IPR Cell	2020	Incubation Unit		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Faheem Ahmed Khan</td> </tr> <tr> <td>Facility Incharge Email</td> <td>faheemahmedkhan11@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9986343109</td> </tr> </table>	Facility Incharge Name	Dr. Faheem Ahmed Khan	Facility Incharge Email	faheemahmedkhan11@gmail.com	Facility Incharge Phone	9986343109	02	No	No	No
Facility Incharge Name	Dr. Faheem Ahmed Khan														
Facility Incharge Email	faheemahmedkhan11@gmail.com														
Facility Incharge Phone	9986343109														

Section 3 > iii > a : 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. N. S. Kumar	Professor	Entrepreneurship/Startup Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
A few Projects implemented		Within		
2	Dr. Faheem Ahmed Khan	Professor	Idea/Innovation Development	5
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
Design and development of dampers at the generator terminals to suppress sub synchronous resonance		Within		
3	Dr. M. Z. Ansari	Professor	Entrepreneurship/Startup Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
transformer Windings		Within	--	

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

1	Mr. Asghar Pasha		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	
	Good to Great	10-04-2019	13-04-2019	4	05	100	Early Stage Startup	

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

Sr no	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/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 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 Startup 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	Manufacturing of Blocks By Using Granite Waste	Process Innovation	Non-Technological	180	Student	Venture with Corporate Identification Number (CIN) Registration --	2018-19	Received Incubation Support from Incubation Unit	No	Grant Amount in Rs 300000	No	No	Yes
Name		DIN number		Type		Gender		Email		Contact			
Mr. Rahmathulla Khan RG		--		Student		Male		rahmathulla@gmail.com		9845437024			

2	Lake Management Using Drone	Service Innovation	Non-Technological	4577	Student-Faculty	Venture with Corporate Identification Number (CIN) Registration	--	2018-19	Received Incubation Support from Incubation Unit	No	Grant Amount in Rs	300000	No	No	No
Name		DIN number		Type		Gender		Email		Contact					
Mr. Syed Saleem Pasha		--		Faculty and Student		Male		saleemrmm@gmail.com		9901652413					

Section 7 > i : 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	Dept. of KITS, Government of Karnataka	Govt. Agency (State)	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Incubation, Mentoring, Seed fund	11	15-06-2020
2	Raza Constructions	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	20	02-03-2020

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

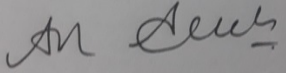
Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Dr. A R ANWAR KHAN (Head of Institute) and Mr. AEJAZ AHMED K R (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

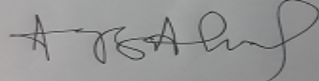
Thank you

The Head of Institute



Dr. A R ANWAR KHAN
Head of the Institution,
Ramanagara, Karnataka

Nodal officer



Mr. AEJAZ AHMED K R
Nodal Officer,
Ramanagara, Karnataka