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: Gandhi Engieering College (GEC) [ARI-C-30148]

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

Srno	Department / Center / Unit Name	Type of Department / Center / Unit	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Benificiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
1	Entrepreneurship Development Cell	Pre-incubation unit	Entrepreneurship Development	UG / PG / PhD	Technical	1659	48	4
2	GEC - TBI	Incubation Unit	Multidisciplinary	UG / PG / PhD	Both	142	14	4
3	RESEARCH AND DEVELOPMENT CELL	Research Unit / Park	RESEARCH AND DEVELOPMENT	UG / PG / PhD	Technical	1695	165	8
4	INDUSTRY INSTITUTE PARTNERSHIP CELL (IIPC)	Industry Institute Interface Unit	Industry and Institution technology transformation	UG / PG / PhD	Technical	1852	20	18
5	IOT-COE	Centre of Excellence with Advance Tools & Equipment	MULTIDISCIPLINARY	UG / PG / PhD	Technical	845	65	6
6	WSN-IOT	Centre of Excellence with Advance Tools & Equipment	COMPUR SCIENCE AND ELECTRONICS ENGINEERING	UG / PG / PhD	Technical	794	65	8
7	ROBOTICS-COE	Centre of Excellence with Advance Tools & Equipment	MULTIDISCIPLINARY	UG / PG / PhD	Technical	918	52	6
8	Smart Renewable Energy Technologies - COE	Centre of Excellence with Advance Tools & Equipment	ELECTRICAL AND ELECTRONICS ENGINEERING	UG / PG / PhD	Technical	468	31	9
9	Centre for Construction and Architecture Excellence- COE	Centre of Excellence with Advance Tools & Equipment	CIVIL ENGINEERING	UG / PG / PhD	Technical	316	22	6
10	RED HAT INDIA-COE	Centre of Excellence with Advance Tools & Equipment	COMPUTER SCIENCE ENGINEERING	UG / PG / PhD	Technical	425	22	4
11	CLOUD COMPUTING LAB	Academic Department with lab facility	COMPUTER SCIENCE ENGINEERING	UG / PG / PhD	Technical	240	18	1
12	MOBILE COMPUTING LAB	Academic Department with lab facility	Electronics & Communication Engineering & Computer Science Engineering	UG / PG / PhD	Technical	240	4	2
13	ADVANCE COMMUNICATION LAB	Academic Department with lab facility	Electronics & Communication Engineering	UG / PG / PhD	Technical	120	4	2

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

14	ADVANCE STRUCTURAL AND MATERIAL TESTING LAB	Academic Department with lab facility	CIVIL ENGINEERING	UG / PG / PhD	Technical	120	6	2
15	SMART GRID TECHNOLOGY LAB	Academic Department with lab facility	Electrical and Electronics Engineering	UG / PG / PhD	Technical	180	6	2
16	3D PRINTING LAB	Academic Department with lab facility	MECHANICAL ENGINEERING	UG / PG / PhD	Technical	176	4	2
17	IPR CELL	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	MULTIDISCIPLINARY	UG / PG / PhD	Technical	392	52	7
18	Design and Innnovation Cell	Research Unit / Park	Multidisciplinary	UG / PG / PhD	Both	430	28	6

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 : IC201811051
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	Vibrant startup echo system	Entrepreneurship/ Startup	Start-up Conclave	Student Lead Activity	Mechanical Engineering	09-08-2019 00:00:00	09-08-2019 00:00:00	1	Within Campus	145	58	100	45	348	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees): 72750	No
2	Digital Transformation A new industrial revolution	Entrepreneurship/ Startup, Innovation	Seminar	Institute Lead Activity	Mechanical Engineering	13-09-2019 00:00:00	13-09-2019 00:00:00	1	Within Campus	92	61	32	7	192	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees): 48250	No

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

3	Seminar On Entrepreneurship & Intellectual Property Rights	IPR, Entrepreneurship/ Startup	Seminar	Institute Lead Activity	Mechanical Engineering	12-01-2020 00:00:00	14-01-2020 00:00:00	3	Within Campus	125	45	17	35	222	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 164500	No
4	Workshop on the mangement of Intellectual Property Rights and patent drafting	IPR, Entrepreneurship/ Startup, Innovation	Workshop	Institute Lead Activity	Computer Science Engineering	01-04-2019 00:00:00	05-04-2019 00:00:00	5	Within Campus	73	45	12	10	140	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 187500	No
5	National workshop on protection and enforcement of Intellectual Property Rights	IPR, Innovation	Workshop	Institute Lead Activity	Electronics and Communication Engineering	16-04-2019 00:00:00	20-04-2019 00:00:00	5	Within Campus	72	35	15	13	135	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 191200	No
6	National seminar on use of intellectual property rights involving modern management method	IPR, Innovation	Seminar	Institute Lead Activity	Civil Engineering	06-05-2019 00:00:00	11-05-2019 00:00:00	6	Within Campus	75	43	15	16	149	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 209000	No
7	International seminar on intellectual property rights and development	IPR, Innovation	Seminar	Institute Lead Activity	Electronics and Electrical Engineering	16-08-2019 00:00:00	19-08-2019 00:00:00	4	Within Campus	250	65	60	28	403	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 163500	No
8	Workshop on copyrights and related rights in the digital environment	IPR	Workshop	Institute Lead Activity	Computer Science Engineering	25-10-2019 00:00:00	26-10-2019 00:00:00	2	Within Campus	102	45	45	16	208	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 95700	No

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

9	Workshop on Industry-Academy Collaboration on Patent filing	IPR, Entrepreneurship/ Startup, Innovation	Workshop	Institute Lead Activity	Mechanical Engineering	21-12-2019 00:00:00	22-12-2019 00:00:00	2	Within Campus	70	30	20	12	132	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees): 68700	No
10	Seminar on Trade Secrets and Innovations	IPR, Innovation	Seminar	Institute Lead Activity	Civil Engineering	23-01-2020 00:00:00	25-01-2020 00:00:00	3	Within Campus	75	38	18	20	151	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees): 98500	No
11	A Workshop on Protection of Copyright and patent	IPR, Innovation	Workshop	Institute Lead Activity	Computer Science Engineering	07-02-2020 00:00:00	11-02-2020 00:00:00	5	Within Campus	68	46	23	25	162	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees): 190800	No
12	Seminar on New Product Development and IPR	IPR, Innovation	Seminar	Institute Lead Activity	Mechanical Engineering	12-02-2020 00:00:00	13-02-2020 00:00:00	2	Within Campus	78	28	21	9	136	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees): 69200	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	FDP ON AUTOMATIC PRODUCT DEVELOPMENT AND BEST MANUFACTURING PRACTICES	Entrepreneurship/ Startup	Skill development	GIFT BHUBANESWAR	Educational Institute	20-11-2019 00:00:00	26-11-2019 00:00:00	7	0	3	3	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	FDP ON RECENT TRENDS IN ELECTRICAL ENGINEERING	IPR	Training	RITE BHUBANESWAR	Educational Institute	12-11-2019 00:00:00	18-11-2019 00:00:00	7	0	4	4	No	---	---	No	No
3	NATIONAL WORKSHOP ON COMPUTER SECURITY IDPS	Entrepreneurship/ Startup	Workshop	UTKAL UNIVERSITY ODISHA	Educational Institute	11-11-2019 00:00:00	23-11-2019 00:00:00	13	0	5	5	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees) 32500	No
4	WORKSHOP ON IPV4 TO IPV6 MIGRATION METHODS	Entrepreneurship/ Startup	Workshop	NITTTR CHANDIGARH	Govt. Agency (Central)	02-09-2019 00:00:00	07-09-2019 00:00:00	6	0	4	4	No	---	---	No	No
5	ONE WEEK FDP ON VLSI DESIGN VERIFICATION IN ASSOCIATION WITH ESSCI	Entrepreneurship/ Startup	Training	TAT BHUBANESWAR	Educational Institute	26-08-2019 00:00:00	31-08-2019 00:00:00	6	0	4	4	No	---	---	No	No
6	ONE WEEK NATIONAL WORKSHOP ON ANDROID APP DEVELOPMENT	IPR	Workshop	GOOGLE HYDERABAD	Corporate / Industry Association	03-10-2019 00:00:00	09-10-2019 00:00:00	7	4	1	5	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees) 46000	No
7	ONE WEEK NATIONAL WORKSHOP ON RECENT TRENDS IN CSE PYTHON DATA ANALYTICS	IPR	Workshop	VSSUT BURLA	Educational Institute	26-08-2019 00:00:00	31-08-2019 00:00:00	6	0	3	3	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees) 6000	No
8	ICT BASED STTP ON EMBEDDED SYSTEM DESIGN ISSUES	Entrepreneurship/ Startup	Workshop	GITA BHUBANESWAR	Educational Institute	14-09-2019 00:00:00	20-09-2019 00:00:00	7	2	2	4	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

9	E SUMMIT 20	Entrepreneurship/ Startup	Start-up Conclave	IIT BHUBANESWAR	Educational Institute	17-01-2020 00:00:00	20-01-2020 00:00:00	4	10	1	11	Yes	1ST PRIZE	ENTREPRENEURIAL IDEATION	TotalTotal Expense Amount Incurred by Institute? (In Rupees): 8800	Award / Position / Recognition Secured: 1ST PRIZE; Title of Innovation / Start-up Secured the Award / Recognition: ENTREPRENEURAL IDEATION; Award/Recognition/Achievement Received for: Idea/Innovation/Prototype

Section 2 > i : List the Academic Programs on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period (2019-20)

No Data FIled!

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	Training on Computer Hardware trouble shooting and Networking	Entrepreneurship/Startup	Employment Generation Training Programs	Department of Computer Science Engineering	01-05-2019	29-07-2019	90	Offline	25	80
2	Training program on Advanced Programming using Advanced JAVA and PYTHON	Entrepreneurship/Startup, Innovation	Employment Generation Training Programs	Department of Computer Science and Enginnering	01-07-2019	27-12-2019	180	Offline	55	160
3	IOT using Raspberry Pie	Entrepreneurship/Startup, Innovation	Employment Generation Training Programs	IOT-COE	01-08-2019	01-11-2019	93	Offline	45	50
4	Embedded C and ARM Protocols	Entrepreneurship/Startup, Innovation	Employment Generation Training Programs	RED HAT INDIA-COE	15-07-2019	12-10-2019	90	Offline	40	50
5	DSP using MATLAB and SIMULINK	Entrepreneurship/Startup, Innovation	Employment Generation Training Programs	ADVANCE COMMUNICATION LAB	01-08-2019	29-10-2019	90	Offline	52	50
6	Diploma in IOT and Data Science	Entrepreneurship/Startup, Innovation	Employment Generation Training Programs	IOT-COE	01-07-2019	27-12-2019	180	Offline	60	90
7	Training Program in NS2	Entrepreneurship/Startup, Innovation	Employment Generation Training Programs	WSN-IOT	08-07-2019	05-09-2019	60	Offline	40	50
8	Certificate course on Construction management accounts and entrepreneurship development	IPR, Entrepreneurship/Startup, Innovation	Employment Generation Training Programs	Centre for Construction and Architecture Excellence- COE	15-07-2019	12-10-2019	90	Offline	58	60

9	Training Program on quality and safety management	Entrepreneurship/Startup	Employment Generation Training Programs	RESEARCH AND DEVELOPMENT CELL	01-08-2019	29-10-2019	90	Offline	50	60
10	Diploma Program in AI and autonomous Robotics	IPR, Entrepreneurship/Startup, Innovation	Employment Generation Training Programs	ROBOTICS-COE	06-01-2020	14-03-2020	69	Offline	45	90

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 FIled!

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	ROBOTICS CLUB	Innovation Club	2008	Co-working Space,3D Printing	Incubation Unit,Innovation Labs,Innovation Park/Research Park,Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre	6	SATYAJIT GHATUARY	satyajit.ghatuary@gec.edu.in	7978537150
2	Student Club For Rural ACtivities	Idea Club	2012	Co-working Space,Work Stations	Pre-Incubation Unit,Incubation Unit,Innovation Labs	5	Ankit Patra	ankit.patra@gec.edu.in	7377280310
3	Technological Research and Innovation Club	Innovation Club	2015	Co-working Space,3D Printing	Innovation Labs,Innovation Park/Research Park,Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre	5	Rahul Prajapati	rahul.prajapati@gec.edu.in	8709744784
4	Women Entrepreneurship Club	Startup Club	2018	Co-working Space,Work Stations	Pre-Incubation Unit,Incubation Unit,Innovation Labs,Innovation Park/Research Park,Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre	5	Sandhyarani Mohapatra	sandhyarani.mohapatra@gec.edu.in	8260859279

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	Name of the Funding Schemes Available	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/Innovati	Had institute Generated Income either from Services Offered by Pre-	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation Centre/Facilities?

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)

					HEI	with Pre-Incubation Unit, if any (Optional)			on Development and implementation during the Financial Year 2019-20	Incubation Centre/Facilities?	
1	Entrepreneurship Development Cell	EDC	2011	Co-working Space,3D Printing & Prototype Equipment, Work Stations	Incubation Unit,Innovation Labs,Innovation Park/Research Park,Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre,Student Clubs	Incubation Unit,Innovation Labs,Innovation Park/Research Park,Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre,Student Clubs	Facility Incharge Name: Prof. Santosh Satapathy Facility Incharge Email: santosh.satapathy@gec.edu.in Facility Incharge Phone: 7381054249	2	Yes	No	Yes

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	GEC	Educational Institute	500000

Section 3 > ii > b : List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)

Srno	Name of CoE Facility	Year of Establishment	CoE with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with CoE, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the CoE 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 CoE Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of CoE Centre/Facilities?
1	IOT-COE	2018	Pre-Incubation,Incubation Unit,Innovation Labs,Innovation Park/Research Park,IPR Cell/Technology Transfer Centre,Student Clubs		Facility Incharge Name: Dr Mohini Prasad Mishra Facility Incharge Email: mohini.mishra@gec.edu.in Facility Incharge Phone: 9438000808	3	Yes	No	Yes

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)
Institute's Own Fund / Resource	GEC	Educational Institute	500000

Section 3 > ii > b : List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)

2	WSN-IOT	2016	Pre-Incubation,Incubation Unit,Innovation Labs,Innovation Park/Research Park,Student Clubs		Facility Incharge Name: Prof. R Subba Rao Facility Incharge Email: subba.rao@gec.edu.in Facility Incharge Phone: 9437161033	3	Yes	No	Yes

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)
Institute's Own Fund / Resource	GEC	Educational Institute	375000

3	ROBOTICS-COE	2016	Pre-Incubation,Incubation Unit,Innovation Labs,Innovation Park/Research Park,IPR Cell/Technology Transfer Centre,Student Clubs		Facility Incharge Name: Prof Vikash Ranjan Facility Incharge Email: vikash.ranjan@gec.edu.in Facility Incharge Phone: 7978537150	4	Yes	No	Yes

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)
Institute's Own Fund / Resource	GEC	Educational Institute	6500000

4	Smart Renewable Energy Technologies - COE	2019	Pre-Incubation,Incubation Unit,Innovation Labs,Innovation Park/Research Park,Student Clubs		Facility Incharge Name: Prof. Rashmi Ranjan Panigrahi Facility Incharge Email: rasmiranjan.panigrahi@gec.edu.in Facility Incharge Phone: 7381054103	3	Yes	No	Yes

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)
Institute's Own Fund / Resource	GEC	Educational Institute	300000

Section 3 > ii > b : List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)

5	Centre for Construction and Architecture Excellence- COE	2018	Pre-Incubation,Incubation Unit,Innovation Labs,Innovation Park/Research Park,IPR Cell/Technology Transfer Centre		Facility Incharge Name: Prof. Truptimala Patnaik Facility Incharge Email: truptimala.patnaik@gec.edu.in Facility Incharge Phone: 8658557449	3	Yes	No	Yes

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)
Institute's Own Fund / Resource	GEC	Educational Institute	2800000

6	RED HAT INDIA-COE	2019	Pre-Incubation,Incubation Unit,Innovation Labs,Innovation Park/Research Park,IPR Cell/Technology Transfer Centre,Student Clubs		Facility Incharge Name: Prof Pappu Sharada Facility Incharge Email: pappu.sharada@gec.edu.in Facility Incharge Phone: 9348394050	3	Yes	No	Yes

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)
Funding Agency	RED HAT	Corporate / Industry Association	2500000

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?

Section 3 > ii > c : List the Incubation Facilities at the HEI (>= 1500 Sq. Ft. Floor Area)

1	GEC - TBI	2020	Pre-Incubation,Innovation Labs,Innovation Park/Research Park,Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre,Student Clubs		Facility Incharge Name: Dr Anil Kumar Mishra Facility Incharge Email: anil.mishra@gec.edu.in Facility Incharge Phone: 8249849493	3	Yes	Yes Total Annual Income from Training and Skill Development Services (In Rupees): 42500 Total Annual Income from (Technical and Business) Mentoring Services (In Rupees): 20000 Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees): 60000	Yes

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)
Funding Agency	Innodust	Not-Govt. Agencies	10000
Institute's Own Fund / Resource	GEC	Educational Institute	50000
Funding Agency	Oltron Technology	Not-Govt. Agencies	10000

Section 3 > ii > d : List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)

Srno	Name of Innovation Park/Research Park Facility	Year of Establishment	Innovation Park / Research Park with Access to Other I & E Facilities at the HEI	Name of the Funding Schemes Available with Research/Innovation Park, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Research Park/Innovation Park 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 Research Park/Innovation Park?	Had the Research Park/Innovation Park Provided any Funding Support for Idea/Prototype/Innovation/Start up/Venture Development and implementation during the Financial Year 2019-20?
1	RESEARCH AND DEVELOPMENT CELL	2013	Pre-Incubation,Incubation Unit,Innovation Labs,Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre,Student Clubs		Facility Incharge Name: Dr Rati Ranjan Sabat Facility Incharge Email: ratiranjan.sabat@gec.edu.in Facility Incharge Phone: 7381054234	5	Yes	No	Yes

Section 3 > ii > d : List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)
Institute's Own Fund / Resource	GEC	Educational Institute	1000000

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/Start up/Venture Development and implementation during the Financial Year 2019-20?
1	IPR CELL	2017	Pre-Incubation,Incubation Unit,Innovation Labs,Innovation Park/Research Park,Centre of Excellence with Advance Tools		Facility Incharge Name: Dr Pravas Ranjan Tripathy Facility Incharge Email: pravas.tripathy@gec.edu.in Facility Incharge Phone: 7381054354	3	Yes	No	Yes

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)
Institute's Own Fund / Resource	GEC	Educational Institute	200000

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 Rati Ranjan Sabat	Professor	Idea/Innovation Development,Entrepreneurship/Startup Development	8

Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
Digital Design Technology Solutions	Within	

Srno	Name of the Faculty	Designation of the Faculty	Mentor Expert Area	Years of Experience in Mentorship (In Years)
2	Dr Anil Kumar Mishra	Associate Professor	Idea/Innovation Development,Entrepreneurship/Startup Development,IPR Protection & Commercialization	6

Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
Gem Innovations	Within	

Srno	Name of the Faculty	Designation of the Faculty	Mentor Expert Area	Years of Experience in Mentorship (In Years)
3	Dr Pravas Ranjan Tripathy	Professor	Idea/Innovation Development,Entrepreneurship/Startup Development	7

Section 3 > iii > a : Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups

	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Miquasa Home Automation		Within	
4	Dr Mohini Prasad Mishra	Associate Professor	Idea/Innovation Development,Entrepreneurship/Startup Development	5
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Semly Odisha		Within	
5	Prof. Rashmi Ranjan Panigrahi	Associate Professor	Idea/Innovation Development,Entrepreneurship/Startup Development	5
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Shiva Sakti advertising		Within	

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

No Data FIled!

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

1	Automatic Garbage Disposal	Product Innovation,Process Innovation	Technological	IOT-COE	Faculty	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: Gandhi Academy of Technology Engineering (GATE) Berhampur Agency Type: Educational Institute Award / Position / Recognition Secured: Best Project Idea	No	Grant Amount in Rs: 85000	No	No

Name	Type	Gender	Email	Contact
Dr MOHINI PRASAD MISHRA	Faculty	Male	mohini.mishra@gec.edu.in	9438000808

2	Smart Autonomous Carry-On Suitcase	Product Innovation,Process Innovation	Technological	Design and Innovation Cell	Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 8 : First of a kind commercial system. Manufacturing issues solved.	Innovation Adopted and Implemented at Ground	Agency Name: GIET GANGAPATANA Agency Type: Educational Institute Award / Position / Recognition Secured: BEST PROJECT IDEA	No	Grant Amount in Rs: 80000	No	No

Name	Type	Gender	Email	Contact
PAPPU SHARADA	Faculty and Student	Female	pappu.sharada@gec.edu.in	9348394050

3	DEFENCE AMMUNITION TRACKING SYSTEM USING BLOCK CHAIN TECHNOOGY	Product Innovation,Process Innovation	Technological	Design and Innovation Cell of HEI	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation. Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs: 70000	No	No

Name	Type	Gender	Email	Contact
SANDEEP PANDA	Innovator/Entrepreneur External to Institute	Male	skpanda00007@gmail.com	8895081701

Name	Type	Gender	Email	Contact
Dr ANIL KUMAR MISHRA	Faculty	Male	anil.mishra@gec.edu.in	8249849493

4	DISTRIBUTED LEDGER TECHNOLOGY IN THE CONSTRUCTION INDUSTRY USING CORDA	Product Innovation,Process Innovation	Technological	Design and Innovation Cell	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation. Concept and application have been formulated.	Innovation Development Ongoing	No	No	Grant Amount in Rs: 100000	No	No

Name	Type	Gender	Email	Contact
MANAS RANJAN PANDA	Incubatee Entrepreneur	Male	manas.panda@giet.edu	9937090110

Name	Type	Gender	Email	Contact
Dr RATI TANJAN SABAT	Faculty	Male	ratiranjan.sabat@gec.edu.in	7381054234
Dr ANIL KUMAR MISHRA	Faculty	Male	anil.mishra@gec.edu.in	8249849493

5	Crack preventing shell for RCC rods	Product Innovation	Technological	Centre for Construction and Architecture Excellence-COE	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation. Concept and application have been formulated.	Innovation Development Ongoing	Agency Name: NMIETBHUBANESWAR Agency Type: Educational Institute Award / Position / Recognition Secured: 2ND PRIZE IN BEST PROJECT IDEA	No	Grant Amount in Rs: 80000	No	No

Name	Type	Gender	Email	Contact
SUBHASMITA SAHOO	Faculty	Female	subhasmita.sahoo@gec.edu.in	9437422735

Name	Type	Gender	Email	Contact
SUMEET KUMAR SINGH	Student	Male	sumeet.singh@gec.edu.in	8328804823

6	A Comparative Adsorption Studies of Distillery Effluent of Sugarcane Bagasse Cocopeat to enhance Phycoremediation	Product Innovation,Process Innovation,Reverse Engi	Technological	Centre for Construction and Architecture Excellence-COE	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation. Concept and application have been formulated.	Innovation Development Ongoing	Agency Name: GIET UNIVERSITY Agency Type: Educational Institute Award / Position / Recognition Secured: BEST PAPER PRESENTED	No	Grant Amount in Rs: 75000	No	No

Name	Type	Gender	Email	Contact
TRUPTI MALA PATTNAIK	Faculty	Female	truptimala.pattnaik@gec.edu.in	8658557449

7	LPG Exhausting Indicator	Product Innovation,Process Innovation	Technological	Design and Innovation Cell	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation. Concept and application have been formulated.	Innovation Development Ongoing	Agency Name: GITABHUBANESWAR Agency Type: Educational Institute Award / Position / Recognition Secured: BEST PROJECT IDEA	No	Grant Amount in Rs: 35000	No	No

Name	Type	Gender	Email	Contact
Dr ANIL KUMAR MISHRA	Faculty	Male	anil.mishra@gec.edu.in	8249849493

Name	Type	Gender	Email	Contact
Akanksha Tiwari	Student	Female	akanksha.tiwari@gec.edu.in	8328804823

Section 5 : List all the Ventures/Startups/SME Units Established with Support of Pre-incubation & Incubation facilities at the HEI

No Data FIled!

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	KDS Construction	Non-Govt. Agencies	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation,Mentoring,Investment	70	01-07-2019
2	Oltron Technology	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Incubation,Mentoring,Networking	50	21-08-2019
3	Journey2Cloud	Educational Institute	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	65	02-09-2019
4	Innodust Technology	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Pre-incubation,Incubation,Mentoring,Networking,Investment	70	10-09-2019
5	Trainguru Educare	Educational Institute	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	60	05-07-2019
6	Interface Software	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Pre-incubation,Incubation,Mentoring	65	12-07-2019

7	AMAZON WEB SERVICES	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Incubation,Mentoring	75	15-07-2020
8	The Excellency	Educational Institute	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	72	22-07-2019
9	Lakshya BBSR	Educational Institute	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Mentoring	57	05-08-2019
10	Java Techno Crats	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking	115	11-08-2019
11	MICROCHIP ACADEMY PROGRAM	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Incubation,Mentoring,Networking	165	12-08-2019

Section 8 > ii : List the IPs Filed/Published/Granted (Copyright & Designs Only) by the HEI as an Applicant / Co-applicant / Co-owner

No Data FIled!

Section 8 > iii : 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	HIGH PERFORMANCE VEGETABLE OIL BASED BIO-DIELECTRICFLUID FOR ELECTRICAL DISCHARGE MACHINING	WO 2020/03101	International	2020 - 02	Uploaded