



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: Basaveshwar Engineering College [ARI-C-1360]

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)
BEC-New Age Incubation Network and Science and Technology Entrepreneurship Park (STEP)	Incubation Unit	Students from both IT branches and Non IT branches with Ideas addressing societal needs will be incubated	UG / PG / PhD	Technical	3045	206	226
Computer Science and Engineering	Academic Department with lab facility	Students of IT branches	UG / PG / PhD	Technical	393	22	7
Electronics and Communication Engineering	Academic Department with lab facility	Students of IT branches	UG / PG / PhD	Technical	494	27	10
Mechanical Engineering	Academic Department with lab facility	Students of Non IT students	UG / PG / PhD	Technical	539	31	10
Civil Engineering	Academic Department with lab facility	Students of Non IT stream	UG / PG / PhD	Technical	543	27	7
Electrical and Electronics Engineering	Academic Department with lab facility	Students of IT stream	UG / PG / PhD	Technical	267	13	4
Biotechnology	Academic Department with lab facility	Students of Non IT	UG / PG / PhD	Technical	74	6	2
Information Science and Engineering	Academic Department with lab facility	Students of IT branch	UG / PG / PhD	Technical	349	17	4
Industrial and Production Engineering	Academic Department with lab facility	Students of Non IT branches	UG / PG / PhD	Technical	64	6	4
Automobile Engineering	Academic Department with lab facility	Students of Non IT branches	UG / PG / PhD	Technical	93	6	5
Electronics and Instrumentation Engineering	Academic Department with lab facility	Students of IT branches	UG / PG / PhD	Technical	99	7	3
Master of Computer Application	Academic Department with lab facility	Students of IT branches	UG / PG / PhD	Technical	37	10	3
Master of Business Administration	Academic Department with lab facility	Business Administration	UG / PG / PhD	Non-Technical	74	6	3

Participation of HEI in Innovation & Entrepreneurship Initiatives of Ministry of Education (Till Today)

Programs/Initiatives	Status	Registration ID
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Participation of HEI in Innovation & Entrepreneurship Initiatives of Ministry of Education (Till Today)

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 : IC201810661
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

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	Voting awareness campaign at college campus & local area	Innovation	Awareness	Student Lead Activity	IIC Student club	24-04-2019 00:00:00	24-04-2019 00:00:00	1	Outside Campus	45	0	0	0	45	No	No						
2	Idea Presentation Competition	Entrepreneurship/Startup, Innovation	Innovation Contest	Institute Lead Activity	BEC-Institutions Innovation Council	11-04-2019 00:00:00	11-04-2019 00:00:00	1	Within Campus	40	2	0	0	42	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>First</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Smart Dumpster</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td></td> </tr> </table>	Award / Position / Recognition Secured	First	Title of Innovation / Start-up Secured the Award / Recognition	Smart Dumpster	Award/Recognition/Achievement Received for	
Award / Position / Recognition Secured	First																					
Title of Innovation / Start-up Secured the Award / Recognition	Smart Dumpster																					
Award/Recognition/Achievement Received for																						
3	E-Step Startup Bootcamp	Entrepreneurship/Startup	Boot camp	Institute Lead Activity	BEC-New Age Innovation Network (NAIN)	07-09-2019 00:00:00	07-09-2019 00:00:00	1	Within Campus	172	3	12	3	190	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)</td> <td>37771</td> </tr> </table>	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	37771	No				
Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	37771																					
4	My Story-Entrepreneur's Life & Crossroad	Entrepreneurship/Startup	Motivational speak	Institute Lead Activity	BEC-Institutions Innovation Council	26-09-2019 00:00:00	26-09-2019 00:00:00	1	Within Campus	150	5	0	0	155	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)</td> <td>6504</td> </tr> </table>	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	6504	No				
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Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

5	Education, Health, Cleanliness Survey & Awareness Program	Innovation	Awareness	Institute Lead Activity	BEC-Institutions Innovation Council	29-09-2019 00:00:00	29-09-2019 00:00:00	1	Outside Campus	54	3	0	0	57	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	4600	No					
6	Ideation & Design Thinking	Entrepreneurship/Startup, Innovation	Workshop	Institute Lead Activity	BEC-Institutions Innovation Council	04-10-2019 00:00:00	04-10-2019 00:00:00	1	Within Campus	182	2	0	0	184	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	51454	No					
7	Slogan/Poster making competition	Innovation	Innovation Contest	Institute Lead Activity	BEC-Institutions Innovation Council	15-10-2019 00:00:00	15-10-2019 00:00:00	1	Within Campus	22	4	0	0	26	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>First</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Best slogan</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	First	Title of Innovation / Start-up Secured the Award / Recognition	Best slogan	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	First																					
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Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
8	Design Thinking and Product Design	Entrepreneurship/Startup, Innovation	Workshop	Institute Lead Activity	BEC-Institutions Innovation Council	12-11-2019 00:00:00	12-11-2019 00:00:00	1	Within Campus	62	3	0	0	65	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	20982	No					
9	Product Development Phases-Story telling by innovators on campus	Entrepreneurship/Startup, Innovation	Workshop	Institute Lead Activity	BEC-Institutions Innovation Council	21-11-2019 00:00:00	21-11-2019 00:00:00	1	Within Campus	35	2	0	0	37	No	No						
10	Enhancing the Spirit of Startup	Entrepreneurship/Startup	Motivational speak	Institute Lead Activity	BEC-Institutions Innovation Council	14-12-2019 00:00:00	14-12-2019 00:00:00	1	Within Campus	35	15	0	0	50	No	No						
11	National Startup Awards 2020	Entrepreneurship/Startup	Awareness	Institute Lead Activity	BEC-NAIN	23-12-2019 00:00:00	24-12-2019 00:00:00	2	Within Campus	36	2	0	0	38	No	No						

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

12	National Innovation and Startup Policy 2019 for Students and Faculty	Entrepreneurship/Startup, Innovation	Workshop	Institute Lead Activity	BEC-IIC	28-12-2019 00:00:00	28-12-2019 00:00:00	1	Within Campus	31	2	0	0	33	No	No								
13	Idea Presentation Competition (A Pre-Smart India Hackathon 2020 activity)	Entrepreneurship/Startup, Innovation	Innovation Contest	Institute Lead Activity	BEC-IIC	31-12-2019 00:00:00	31-12-2019 00:00:00	1	Within Campus	30	2	0	0	32	No	No								
14	Internal Hackathon for Smart India Hackathon 2020	Innovation	Hackathon	Institute Lead Activity	BEC-IIC	04-02-2020 00:00:00	04-02-2020 00:00:00	1	Within Campus	65	4	0	0	69	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)</td> <td>9619</td> </tr> </table>	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	9619	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Top 9 ideas were submitted to SIH 2020 portal</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>-</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	Top 9 ideas were submitted to SIH 2020 portal	Title of Innovation / Start-up Secured the Award / Recognition	-	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	9619																							
Award / Position / Recognition Secured	Top 9 ideas were submitted to SIH 2020 portal																							
Title of Innovation / Start-up Secured the Award / Recognition	-																							
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																							
15	Idea Presentation Competition 2020	Entrepreneurship/Startup, Innovation	Innovation Contest	Institute Lead Activity	BEC-NAIN	04-02-2020 00:00:00	04-02-2020 00:00:00	1	Within Campus	30	0	0	0	30	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Best Idea</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Papaya leaf Tea bags</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td></td> </tr> </table>	Award / Position / Recognition Secured	Best Idea	Title of Innovation / Start-up Secured the Award / Recognition	Papaya leaf Tea bags	Award/Recognition/Achievement Received for			
Award / Position / Recognition Secured	Best Idea																							
Title of Innovation / Start-up Secured the Award / Recognition	Papaya leaf Tea bags																							
Award/Recognition/Achievement Received for																								
16	How to plan Startup, Legal, and Ethical Steps?	IPR, Entrepreneurship/Startup	Workshop	Institute Lead Activity	BEC-IIC	17-02-2020 00:00:00	17-02-2020 00:00:00	1	Within Campus	88	2	0	0	90	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)</td> <td>11428</td> </tr> </table>	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	11428	No						
Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	11428																							

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

17	Business Canvas Model	Entrepreneurship/Startup	B-Plan Competitions	Institute Lead Activity	BEC-IIC	05-03-2020 00:00:00	05-03-2020 00:00:00	1	Within Campus	60	2	0	0	62	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2370	No
18	National Science Day	Innovation	Exhibition	Institute Lead Activity	BEC-IIC	07-03-2020 00:00:00	07-03-2020 00:00:00	1	Within Campus	195	4	0	0	199	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	15632	No
19	Entrepreneurship Development Programme	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Biotechnology	29-08-2019 00:00:00	29-08-2019 00:00:00	1	Within Campus	64	2	0	0	66	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	34693	No
20	Research Avenues in Information Technology	Innovation	Workshop	Institute Lead Activity	Department of Information Science and Engineering and Computer Science and Engineering, BEC, Bagalkot	03-06-2019 00:00:00	07-06-2019 00:00:00	5	Within Campus	0	27	0	23	50	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	210547	No
21	Entrepreneurship Development Program	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Department of Industrial and Production Engineering	31-08-2019 00:00:00	31-08-2019 00:00:00	1	Within Campus	105	2	0	0	107	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	32604	No
22	Entrepreneurship - A career opportunities	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Department of Industrial and Production Engineering	25-01-2020 00:00:00	25-01-2020 00:00:00	1	Within Campus	60	2	0	0	62	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	31656	No
23	Talk on Think like an Entrepreneur	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Department of Mechanical Engineering	12-10-2019 00:00:00	12-10-2019 00:00:00	1	Within Campus	48	3	0	0	51	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	13651	No

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

24	National Science Day celebration by visiting a water filtration plant.	Innovation	Awareness	Institute Lead Activity	BEC - IIEEE	28-02-2020 00:00:00	28-02-2020 00:00:00	1	Within Campus	50	2	0	0	52	No	No
25	Outbreak of COVID-19	Innovation	Innovation Contest	Institute Lead Activity	BEC- IIEEE	25-03-2020 00:00:00	28-03-2020 00:00:00	4	Within Campus	50	2	0	0	52	No	No

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	India First Leadership Talk Series	Innovation	Motivational speak	MHRD Innovation Council, Gol	Govt. Agency (Central)	22-04-2019 00:00:00	22-04-2019 00:00:00	1	2300	150	2450	No	---	---	No	No
2	India First Leadership Talk Series	Innovation	Motivational speak	MHRD Innovation Cell	Govt. Agency (Central)	22-08-2019 00:00:00	22-08-2019 00:00:00	1	2700	210	2910	No	---	---	No	No
3	NEAT logo contest	Innovation	Innovation Contest	MHRD Innovation Cell	Govt. Agency (Central)	19-10-2019 00:00:00	19-10-2019 00:00:00	1	6	0	6	No	---	---	No	No
4	Startup Quest Biz pitch contest 2020	Entrepreneurship/Startup	Innovation Contest	VKSSF Alumni Association, World Konkani Centre	Non-Govt. Agencies	06-03-2020 00:00:00	06-03-2020 00:00:00	1	7	0	7	No	---	---	No	No

Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

5	Smart India Hackathon 2020	Entrepreneurship/Startup	Hackathon	MHRD Innovation Cell	Govt. Agency (Central)	04-02-2020 00:00:00	04-02-2020 00:00:00	1	54	0	54	Yes	First in Smart India Hackathon 2020 Software Edition	App for online OPD appointment and Hospital information system	No	Award / Position / Recognition Secured		First in Smart India Hackathon 2020 Software Edition		
																Title of Innovation / Start-up Secured the Award / Recognition		App for online OPD appointment and Hospital information system		
																Award/Recognition/Achievement Received for		Idea/Innovation/Prototype		
6	e-Yantra Lab Setup Initiative	Entrepreneurship/Startup	Workshop	Matrusri Engineering College, Hyderabad, Telangana	Educational Institute	28-02-2020 00:00:00	29-02-2020 00:00:00	2	0	4	4	Yes	Recognition	Task Based Training Challenge	Total Total Expense Amount Incurred by Institute? (In Rupees)		20000	Award / Position / Recognition Secured		Recognition
																Title of Innovation / Start-up Secured the Award / Recognition		Task Based Training Challenge		
																Award/Recognition/Achievement Received for		Idea/Innovation/Prototype		
7	Innovation Ambassador Training	Innovation	Training	ACS College of Engineering, Bangalore	Educational Institute	26-02-2020 00:00:00	27-02-2020 00:00:00	2	0	2	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)		7455	No		
8	Advanced Efficycle-2019	Innovation	Innovation Contest	Lovely Professional University, Phagwara, Punjab	Educational Institute	01-10-2019 00:00:00	05-10-2019 00:00:00	5	13	2	15	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)		73805	No		
9	IPR	IPR	Workshop	MHRD New Delhi	Govt. Agency (Central)	10-01-2020 00:00:00	10-01-2020 00:00:00	1	0	1	1	No	---	---	No		No			
10	Mentorship Skill Development on Innovation and Entrepreneurship	Entrepreneurship/Startup	Workshop	AICTE, New Delhi	Govt. Agency (Central)	09-09-2019 00:00:00	10-09-2019 00:00:00	2	0	2	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)		61143	No		

Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

11	Orientation session of IIC and ARIIA	Entrepreneurship/Startup	Orientation Session	AICTE	Govt. Agency (State)	05-08-2019 00:00:00	05-08-2019 00:00:00	1	0	2	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	26847	No
12	YESIST12 - AGE OF INNOVATION 2019	Innovation	Innovation Contest	VVIET, Mysore	Govt. Agency (State)	11-05-2019 00:00:00	11-05-2019 00:00:00	1	4	0	4	No	---	---	No		No
13	Basic of Mol-Bio Techniques	Innovation	Workshop	Bio innovation Center, Bangalore	Govt. Agency (State)	06-02-2020 00:00:00	07-02-2020 00:00:00	2	4	0	4	No	---	---	No		No
14	National Conference on Recent Innovations in Engineering, Science and Technology	Innovation	Conference	SIEM Nasik	Educational Institute	15-04-2019 00:00:00	16-04-2019 00:00:00	2	2	0	2	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	Industrial safety and bioethics	IPR	Elective/Core Credit Course	Bachelor	Biotechnology	01-08-2019	27-11-2019	119	Offline	18	40
2	Industrial Management and Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Biotechnology	01-08-2019	27-11-2019	119	Offline	19	40
3	Biofuels Technology	Innovation	Elective/Core Credit Course	Bachelor	Biotechnology	02-01-2020	25-04-2020	115	Offline	18	40
4	Mini projects Project Phase I and II	Innovation	Elective/Core Credit Course	Bachelor	Course offered by all department	02-09-2019	30-05-2020	272	Offline	1516	52
5	Entrepreneurship Development	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Electronics and Instrumentation Engineering	01-01-2020	30-07-2020	212	Offline	26	40
6	Management and Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Industrial and Production Engineering	02-09-2019	01-01-2020	122	Online	18	40
7	Industrial Engineering and Management	Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Bachelor	Mechanical Engineering	16-08-2019	07-11-2019	84	Offline	141	39

8	Intellectual Property Rights	IPR	Elective/Core Credit Course	Bachelor	Electrical and Electronics Engineering	02-08-2019	24-11-2019	115	Offline	67	39
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LiList 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	Machine Learning Based Project Architecture Design	Innovation	FDP in I&E / IPR	Information Science and Engineering	15-06-2020	19-06-2020	5	Online	50	36
2	Pre-Placement Training Pogram	Innovation	Employment Generation Training Programs	Central level and Development Level by external agency	17-05-2020	25-06-2020	40	Online	25	36
3	Filed Technician and Computing Peripherals under PMKVY scheme	Entrepreneurship/Startup	Employment Generation Training Programs	Basaveshwar Engineering College Bagalkot	30-03-2019	08-02-2020	316	Offline	24	300
4	LMV Driver L3 under PMKVY Scheme	Entrepreneurship/Startup	Employment Generation Training Programs	Basaveshwar Engineering College Bagalkot	30-04-2019	30-12-2020	611	Offline	14	200
5	Introduction to Essential Business Communication	Entrepreneurship/Startup	Employment Generation Training Programs	Ethnus Consultancies Bengaluru	02-09-2019	27-11-2019	87	Offline	767	45
6	Preparedness for External Opportunities	Entrepreneurship/Startup	Employment Generation Training Programs	Ethnus Consultancies Bengaluru	08-01-2020	25-04-2020	109	Online	753	45
7	BOSCH Internship Program	Innovation	Employment Generation Training Programs	All UG students	29-07-2019	13-08-2019	16	Offline	5	45
8	BOSCH Internship Program	Innovation	Employment Generation Training Programs	All PG Students	29-07-2019	29-09-2020	429	Offline	3	120

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. M. S. Kakkasageri	Electronics and Communication Engineering	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Six Sigma	Entrepreneurship/Startup	FDP in I&E, IPR	BEC Bagalkot	Educational Institute	06-07-2020 00:00:00	10-07-2020 00:00:00	5	Online
2	Prof. Mamata Sataraddi	Electronics and Communication Engineering	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Innovative Trends in Engineering and Technology	Innovation	FDP in I&E, IPR	College of Engineering Thane, Mumbai	Educational Institute	25-05-2020 00:00:00	30-05-2020 00:00:00	6	Online

3	Dr. Rajani S Pujar	Electronics and Communication Engineering	Asst 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
	Research, Funding Projects and IPR	IPR	FDP in I&E, IPR	-	Educational Institute	07-05-2020 00:00:00	10-05-2020 00:00:00	4	Online
4	Dr. Anil D. Devangavi	Artificial Intelligence and Machine Learning	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
	National IP Literacy Week under Kalam Program for IP Literacy and Awareness (KAPILA)	IPR, Innovation	FDP in I&E, IPR	MHRD Innovation Cell, GoI	Govt. Agency (Central)	15-10-2020 00:00:00	23-10-2020 00:00:00	9	Online
5	Dr. R. N. Herkal	Civil	Professor	No	No				
6	Dr. S. S. Injagneri	Civil	Professor	No	No				
7	Dr. V. V. Kuppast	Mechanical Engineering	Professor	No	No				
8	Dr. S. H. Jangamshetti	Electrical and Electronics Engineering	Professor	No	No				
9	Dr. Veena Soragavi	Civil Engineering	Professor	No	No				
10	Dr. P. N. Kulkarni	Electrical and Communication Engineering	Professor	No	No				
11	Dr. Shridhar K.	Electrical and Communication Engineering	Professor	No	No				
12	Dr. C. M. Javalagi	Industrial and Production Engineering	Associate Prof	No	No				
13	Dr. B. G. Sheeparamatti	Electronics and Communication Engineering	Professor	No	No				
14	Dr. V. B. Pagi	Computer Science and Engineering	Professor	No	No				
15	Dr. R. L. Naik	Electrical and Electronics Engineering	Associate Professor	No	No				
16	Dr. S. G. Kambalimath	Electronics and Communication Engineering	Professor	No	No				
17	Dr. Bharati Meti	Biotechnology	Professor	No	No				
18	Dr. Krishnamurthy Bhat	Electronics and Instrumentation Engineering	Professor	No	No				
19	Dr. Sanjay Hanji	MBA	Associate Professor	No	No				
20	Ms. Shruti B. Hiregoudar	BEC - New Age Innovation Center (NAIN)	District Innovation Associate (DIA)	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
	National IP Literacy Week organised under KAPILA	IPR	Short term Certificate	MHRD Innovation Cell	Govt. Agency (Central)	15-10-2020 00:00:00	23-10-2020 00:00:00	9	Online
IIC Online sessions	IPR, Entrepreneurship/Startup, Innovation	EDP in I&E, IPR	MHRD Innovation Cell	Govt. Agency (Central)	29-04-2020 00:00:00	22-05-2020 00:00:00	24	Online	
21	Dr. V. S. Puranik	Industrial and Production Engineering	Professor and Head	No	No				
22	Dr. S. B. Kerur	Mechanical Engineering	Associate Professor	No	No				

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	BEC-Innovation club	Innovation Club	2015	Co-working Space,3D Printing	Incubation Unit,Innovation Park/Research Park,Centre of Excellence with Advance Tools	4	Nikhita Ingalagi	hnikhita01@gmail.com	7760446515
2	Mindhogs	Innovation Club	2020	Co-working Space	Innovation Labs, Centre of Excellence with Advance Tools	1	Prathmesh Kalburgi	Prathameshkalburgi@gmail.com	8197916519
3	Association for Communication and Modern Electronics (ACME)	Idea Club	1995	Co-working Space	Incubation Unit,Innovation Labs,Innovation Park/Research Park	2	Mahesh Ballolli	maheshballolli96@gmail.com	9535792011
4	BEC-IEEE	Innovation Club	2000	Co-working Space,Work Stations	Innovation Park/Research Park	2	Madhumati	madhumatimt097@gmail.com	9441562744
5	Instrument Society of India - BEC Student Chapter	Innovation Club	2019	Co-working Space,Work Stations	Incubation Unit,Innovation Park/Research Park	3	Darukprasad S	daruk244@gmail.com	8050323546

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	BEC - New Age Innovation Network (NAIN)	Innovation Centre	2013	Co-working Space,3D Printing & Prototype Equipment, Work Stations	Incubation Unit, Student Clubs	Incubation Unit, Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Anil D. Devan gavi</td> </tr> <tr> <td>Facility Incharge Email</td> <td>anildevangavis@yahoo.co.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9342186108</td> </tr> </table>	Facility Incharge Name	Dr. Anil D. Devan gavi	Facility Incharge Email	anildevangavis@yahoo.co.in	Facility Incharge Phone	9342186108	2	Yes	No	Yes
Facility Incharge Name	Dr. Anil D. Devan gavi																
Facility Incharge Email	anildevangavis@yahoo.co.in																
Facility Incharge Phone	9342186108																

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)

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)
Funding Agency	Karnataka Innovation and Technology Society (KITS), Department of Electronics, IT, BT and S and T , GoK	Govt. Agency (State)	490000

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?		
					Facility Incharge Name	Facility Incharge Email			Facility Incharge Phone	Yes		No	
1	BEC BOSCH REXROTH-Center of Competence in Industrial Automation	2011	Innovation Labs, Student Clubs		Dr A V Sutagundar	ashokutagundar1@gmail.com	9742298371	7	No	52500	0	0	No

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?
					Facility Incharge Name	Facility Incharge Email			Facility Incharge Phone	Yes	

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

1	BEC - New Age Innovation Network (NAIN)	2013	Pre-Incubation, Student Clubs	NAIN, Dept. of Electronics, IT, BT, S&T Government of Karnataka	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Anil D. Devan gavi</td> </tr> <tr> <td>Facility Incharge Email</td> <td>anildevangavis@yahoo.co.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>93421 86108</td> </tr> </table>	Facility Incharge Name	Dr. Anil D. Devan gavi	Facility Incharge Email	anildevangavis@yahoo.co.in	Facility Incharge Phone	93421 86108	2	Yes	No	Yes
Facility Incharge Name	Dr. Anil D. Devan gavi														
Facility Incharge Email	anildevangavis@yahoo.co.in														
Facility Incharge Phone	93421 86108														
Source of Grant / Fund		Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)								
2	BEC-STEP	2016	Pre-Incubation, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Bharati S Meti</td> </tr> <tr> <td>Facility Incharge Email</td> <td>becstepbgk@yahoo.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>94489 72628</td> </tr> </table>	Facility Incharge Name	Dr. Bharati S Meti	Facility Incharge Email	becstepbgk@yahoo.com	Facility Incharge Phone	94489 72628	2	No	No	No
Facility Incharge Name	Dr. Bharati S Meti														
Facility Incharge Email	becstepbgk@yahoo.com														
Facility Incharge Phone	94489 72628														
Source of Grant / Fund		Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)								
3	BEC - New Age Innovation Network (NAIN)	2013	Pre-Incubation, Student Clubs	Karnataka Innovation and Technology Society (KITS), Department of Electronics, IT, BT and S and T, GoK	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Anil D. Devan gavi</td> </tr> <tr> <td>Facility Incharge Email</td> <td>anildevangavis@yahoo.co.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>93421 86108</td> </tr> </table>	Facility Incharge Name	Dr. Anil D. Devan gavi	Facility Incharge Email	anildevangavis@yahoo.co.in	Facility Incharge Phone	93421 86108	2	Yes	No	Yes
Facility Incharge Name	Dr. Anil D. Devan gavi														
Facility Incharge Email	anildevangavis@yahoo.co.in														
Facility Incharge Phone	93421 86108														
Source of Grant / Fund		Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)								
Funding Agency		Karnataka Innovation and Technology Society (KITS) helps the Department of Electronics, IT, BT and S and T			Govt. Agency (State)		490000								

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

1	BEC STEP	1999	Incubation Unit		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.Bharati S Meti</td> </tr> <tr> <td>Facility Incharge Email</td> <td>becste pbgk@yahoo.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>94489 72628</td> </tr> </table>	Facility Incharge Name	Dr.Bharati S Meti	Facility Incharge Email	becste pbgk@yahoo.com	Facility Incharge Phone	94489 72628	1	No	<table border="1"> <thead> <tr> <th colspan="2">Yes</th> <th>No</th> </tr> </thead> <tbody> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>384100</td> <td></td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>00</td> <td></td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>00</td> <td></td> </tr> </tbody> </table>	Yes		No	Total Annual Income from Training and Skill Development Services (In Rupees)	384100		Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	00		Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	00	
Facility Incharge Name	Dr.Bharati S Meti																									
Facility Incharge Email	becste pbgk@yahoo.com																									
Facility Incharge Phone	94489 72628																									
Yes		No																								
Total Annual Income from Training and Skill Development Services (In Rupees)	384100																									
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	00																									
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	00																									

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	BEC-STEP	2016	Pre-Incubation, Incubation Unit, Innovation Park/Research Park		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Bharati Meti</td> </tr> <tr> <td>Facility Incharge Email</td> <td>bharati smeti@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>94489 72628</td> </tr> </table>	Facility Incharge Name	Dr. Bharati Meti	Facility Incharge Email	bharati smeti@gmail.com	Facility Incharge Phone	94489 72628	5	No	No	No
Facility Incharge Name	Dr. Bharati Meti														
Facility Incharge Email	bharati smeti@gmail.com														
Facility Incharge Phone	94489 72628														

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. M. S. Kakkasageri	Assistant Professor	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Child Rescue Robot (from borewell)		Within	
2	Dr. Anil D. Devangavi	Associate Professor	Idea/Innovation Development	10

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)
	Secure Farming		Within	
3	Dr. R. N. Herkal	Professor	Idea/Innovation Development, IPR Protection & Commercialization	20
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Corrected Automated Biodegradable Plastic Making Machine		Within	
4	Dr. S. S. Injagneri	Professor	Idea/Innovation Development	20
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Design and Development of Sugarcane Seed sowing Machine		Within	
5	Dr. V. V. Kuppast	Professor	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Paper honeycomb structure making machine		Within	
6	Dr. S. H. Jangamshetti	Professor	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Wow Stick		Within	
7	Dr. V. B. Pagi	Professor	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Cynosure(IOT based Home Automation)		Within	
8	Dr. B. G. Sheeparamatti	Professor	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Krishi-Mitra		Within	
9	Dr. P. N. Kulkarni	Professor	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Fire-Ox		Within	
10	Dr. Bharati Meti	Professor	Idea/Innovation Development, Entrepreneurship/Startup Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Automated portable machine for biomass conversion into energy source		Within	

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

11	Dr. Krishnamurthy Bhat	Professor	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Raksha to the linemen		Within	
12	Dr. S. B. Kerur	Associate Professor	Idea/Innovation Development, Entrepreneurship/Startup Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Design and Development of Sugarcane Seed sowing Machine		Within	
13	Dr. S. G. Kambalimath	Professor	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Krishi-Mitra		Within	
14	Dr. Veena Soragavi	Professor	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Automated portable machine for biomass conversion into energy source		Within	
15	Dr. Shridhar K.	Professor	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Fire-Ox		Within	
16	Dr. V. S. Puranik	Professor and Head	Idea/Innovation Development, Entrepreneurship/Startup Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Raksha to the linemen		Within	
17	Dr. C. M. Javalagi	Associate Prof	Entrepreneurship/Startup Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Paper honeycomb structure making machine		Within	
18	Dr. R. L. Naik	Associate Professor	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Child Rescue Robot (from borewell)		Within	
19	Dr. Sanjay Hanji	Associate Professor	Entrepreneurship/Startup Development	10

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)
Secure Farming	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	Mr. Raju Hiremath	Idea/Innovation Development, IPR Protection & Commercialization	Unstructured Mentorship
2	Shri Veekshit Math	Entrepreneurship/Startup Development	Unstructured Mentorship
3	Sri Naveen Kumar	Idea/Innovation Development, Entrepreneurship/Startup Development	Unstructured Mentorship
4	Ms. Ankita Puranik	Idea/Innovation Development, Entrepreneurship/Startup Development	Unstructured Mentorship
5	Sri Vijay Datar	Idea/Innovation Development, Entrepreneurship/Startup Development	Unstructured Mentorship
6	Sri Prashant Kulkarni	Idea/Innovation Development, 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	
											Yes	No	No	
1	Sudhalgae	Process Innovation	Technological	BEC STEP Basaveshwar Engineering college	Student	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Ongoing	Agency Name	BIRAC	Yes	No	No	No
									Agency Type	Govt. Agency (Central)				
									Award / Position / Recognition Secured	BIRAC BIG Grant				
Name		Type		Gender		Email		Contact						
Ajaya P Katti		Alumni Entrepreneur		Male		Ajaypk.mail@gmail.com		8197770453						

Name		Type			Gender		Email			Contact			
Manoj Ramesh		Innovator/Entrepreneur External to Institute			Male		Manojrs008@gmail.com			8197329807			
2	Automated Biodegradable Plastic making Machine	Product Innovation, Process Innovation	Technological	New Age Innovation Network (NAIN)	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	Grant Amount in Rs 150000	No	No
	Name		Type			Gender		Email			Contact		
Sangeeta Pattar		Student			Female		sangeetapattar08@gmail.com			9481546031			

Name		Type			Gender		Email			Contact		3	
An Automatic Detection of Diabetic Retinopathy: An Android Based Application	Service Innovation	Technological	New Age Innovation Network (NAIN) Center	Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation. Concept and application have been formulated .	Innovation Development Ongoing	No	No	Grant Amount in Rs 113000	No		No
Name		Type			Gender		Email			Contact			
Parvati C Balulmath		Student			Female		parvati03b@gmail.com			9886670958			

Name		Type			Gender		Email			Contact		4
Dr. Bharati M. Reshmi		Faculty			Female		breshmi@yahoo.com			9740414392		
FireOx	Product Innovation, Service Innovation	Technological	New Age Innovation Network (NAIN) Center	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	Grant Amount in Rs 175000	No	
Name		Type			Gender		Email			Contact		Name Email
Abhijeet Talawar		Student			Male		abhijeetralawar@gmail.com			8151044032		

5	Automated Portable Machine for Biomass Conversion into Energy Source	Product Innovation	Technological	New Age Innovation Network (NAIN) Center	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	300000	No	No
Name		Type			Gender			Email			Contact		
Amogh Shettar		Student			Male			amoghshettar340@gmail.com			9905364112		

Name		Type			Gender			Email			Contact			6
Cynosure (IoT based Home Automation)	Product Innovation,Service Innovation	Technological	New Age Innovation Network (NAIN) Center	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	33310	No	No		

Name		Type			Gender			Email			Contact			Name	Email
Aishwarya Patil		Student			Female			aishwaryap910@gmail.com			9108704437				

7	Child Rescue Robot (from bore well)	Product Innovation,Service Innovation	Technological	New Age Innovation Network (NAIN) Center	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	108000	No	No
Name		Type			Gender			Email			Contact		
Sammed V Akiwate		Student			Male			sammedakiwate1996@gmail.com			7019619231		

Name		Type			Gender			Email			Contact			8
Secure Farming	Product Innovation	Technological	New Age Innovation Network (NAIN) Center	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	54200	No	No		

Name	Type	Gender	Email	Contact
Aishwarya Mokhashi	Student	Female	mokhashiaishwarya@gmail.com	7855604780

Name
E-mail

9	Krishi-Mitra	Product Innovation, Service Innovation	Technological	New Age Innovation Network (NAIN) Center	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	Grant Amount in Rs 76750	No	No
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Name	Type	Gender	Email	Contact
Rutwik Patil	Faculty	Male	rutwik76@gmail.com	944942400

Name	Type	Gender	Email	Contact								
Honeycomb Making Machine	Product Innovation, Service Innovation	Technological	New Age Innovation Network (NAIN) Center	Alumni	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	Grant Amount in Rs 300000	No	No

10

Name	Type	Gender	Email	Contact
Arun Kulkarni	Alumni Entrepreneur	Male	avani.mktg@gmail.com	9141579286

Name	Type	Gender	Email	Contact
-	Alumni Entrepreneur	Male	-	-

11

Solar Powered Mechanical Sweeping Machine cum Vacuum Cleaner	Product Innovation, Process Innovation	Technological	New Age Innovation Network (NAIN) Center	Alumni	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	Grant Amount in Rs 300000	No	No
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Name	Type	Gender	Email	Contact
Mayur R. Soraganvi	Student	Male	soraganvimayur@gmail.com	9945016253

Name
E-mail

12	Raksha to the Linemen	Product Innovation,Service Innovation	Technological	New Age Innovation Network (NAIN) Center	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	Grant Amount in Rs 12 16 75	No	No
Name		Type			Gender		Email			Contact			
Jagadeesh S Shebannavar		Faculty			Male		jaggusu12@gmail.com			8123652759			

Name		Type			Gender		Email			Contact				13
Design & Development of Sugarcarane Seed Sowing Machine	Product Innovation,Service Innovation	Technological	New Age Innovation Network (NAIN) Center	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs 18 81 0	No	No		

Name		Type			Gender		Email			Contact				Name	Email
Jagadeesh S Shebannavar		Student			Male		jaggusu12@gmail.com			8123652759					

14	Wow stick	Product Innovation,Service Innovation	Technological	New Age Innovation Network (NAIN) Center	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs 99 43	No	No
Name		Type			Gender		Email			Contact			
Basavaraj P		Student			Male		sslc91.2@gmail.com			9740249012			

Name		Type			Gender		Email			Contact				15
Automatic basin maker for trees	Product Innovation	Non-Technological / Social / Community Innovation	Basaveshwar Engineering College, Bagalkot	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs 97 50	No	No		

Name	Type	Gender	Email	Contact	Name	Email
Mr. Pavan Petkar	Student	Male	pavanpetkar01@gmail.com	7899912586		

16	Electric vehicle using fuel cell and alternate energy	Product Innovation	Technological	Basaveshwar Engineering College, Bagalkot	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs	16500	No	No
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Name	Type	Gender	Email	Contact
Mr. Shreshth	Student	Male	shreshthrock@gmail.com	8889524530

Name	Type	Gender	Email	Contact	17								
Improve ment in domestic gas burner	Product Innovation	Non-Technological / Social / Community Innovation	Basaveshwar Engineering College, Bagalkot	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs	8850	No	No

Name	Type	Gender	Email	Contact	Name	Email
Mr. Shivaprasad	Student	Male	shiv_prasad@gmail.com	7899563211		

18	A Smart Mirror Using Raspberry Pi	Product Innovation	Technological	Basaveshwar Engineering College, Bagalkot	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs	25500	No	No
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Name	Type	Gender	Email	Contact
Mr. Raju Nadaf	Student	Male	nadafraju_1@gmail.com	8563222124

Name	Type	Gender	Email	Contact	19								
Adaptive Traffic Controller System	Product Innovation	Technological	Basaveshwar Engineering College, Bagalkot	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs	15500	No	No

Name	Type	Gender	Email	Contact
Mr. Asif Mulla	Student	Male	mdasifmulla55@gmail.com	9445620017

Name
E-mail

20	Agro Guardian A Smart Agriculture Framework for Precision Framing	Product Innovation	Technological	Basaveshwar Engineering College, Bagalkot	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Completed	No	No	Grant Amount in Rs 18498	No	No
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Name	Type	Gender	Email	Contact
Ms. Susen Naik	Student	Female	naikuseni6@gmail.com	9880226348

Name	Type	Gender	Email	Contact									
Making of pavement tiles using plastic waste	Product Innovation	Technological	Basaveshwar Engineering College, Bagalkot	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Completed	Agency Name Karnataka State Council for Science and Technology (KSCST)	No	Grant Amount in Rs 4000	No	No	21
								Agency Type Govt. Agency (State)					
								Award / Position / Recognition Secured Received fund for implementation of project					

Name		Type	Gender	Email	Contact													
Mr. J S Akhilesh		Student	Male	akhileshjs_s@gmail.com	8887631145													
Name		Type	Gender	Email	Contact													
Dr. Ashok Sutagundar		Student	Female	sutagundar@gmail.com	9845792884													
Fabrication of Electrical Insulation Tape Cutting Machine	Product Innovation	Technological	Basaveshwar Engineering College, Bagalkot	Student	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Completed	Agency Name	Karnataka State Council for Science and Technology (KSCST)	No	Agency Type	Govt. Agency (State)	Award / Position / Recognition Secured	Received fund for implementation of project	Grant Amount in Rs	4000	No	No
Name		Type	Gender	Email	Contact													
Mr. Hanumant Hanchinamani		Student	Male	hanumanthh_8@gmail.com	9887563841													

22

Name
Email

23	Digitization of ticket checking system in indian railway	Product Innovation	Technological	Basaveshwar Engineering College, Bagalkot	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Completed	Agency Name	Karnataka State Council for Science and Technology (KSCST)	No	Grant Amount in Rs 5000	No	No
									Agency Type	Govt. Agency (State)				
									Award / Position / Recognition Secured	Received fund for implementation of project				
	Name		Type			Gender		Email						
Pooja Trivedi		Student			Female		poojatrivedi_p@gmail.com			7019785126				
Name		Type			Gender		Email			Contact				
Dr. Ashok Sutagundar		Student			Female		sutagundar@gmail.com			9845792884				
24	Health and Wellness from pomegranate peel	Product Innovation	Non-Technological / Social / Community Innovation	Basaveshwar Engineering College, Bagalkot	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Completed	Agency Name	Karnataka State Council for Science and Technology (KSCST)	No	Grant Amount in Rs 5500	No	No
									Agency Type	Govt. Agency (State)				
									Award / Position / Recognition Secured	Received funding for implementation of project				
	Name		Type			Gender		Email						
Swati S Gavimath		Student			Female		swatigavimath4@gmail.com			9019156298				
Name		Type			Gender		Email			Contact				
Dr. Bharati S Meti		Faculty			Female		bharatismet@gmail.com			9448972628				

25	Combined effect of immobilized cells of pseudomonas putida and chlorella sorokiniana as a biofertilizer	Product Innovation	Technological	Basaveshwar Engineering College, Bagalkot	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Completed	Agency Name	Karnataka State Council for Science and Technology (KSCST)	No	Grant Amount in Rs 5000	No	No
									Agency Type	Govt. Agency (State)				
									Award / Position / Recognition Secured	Received fund for implementation of project				
Name		Type			Gender			Email			Contact			
Mr. Rahul M Kambale		Student			Male			rahulmk33@gmail.com			8792431305			
Name		Type			Gender			Email			Contact			
Premjyotu C Patil		Faculty			Female			jyosnp@gmail.com			9741953811			
26	Domestic Wastewater treatment by ghraphene	Product Innovation, Process Innovation	Technological	Basaveshwar Engineering College, Bagalkot	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed .	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Completed	Agency Name	Karnataka State Council for Science and Technology (KSCST)	No	Grant Amount in Rs 4000	No	No
									Agency Type	Govt. Agency (State)				
									Award / Position / Recognition Secured	Received fund for implementation of project				
Name		Type			Gender			Email			Contact			
Ms. Renuka R Dalawai		Student			Female			renukardalawai@gmail.com			8861492473			
Name		Type			Gender			Email			Contact			
Prof. G. M. Hiremath		Faculty			Male			-			-			

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	Transsible	Service Innovation	Technological	167	Alumni	<table border="1"> <tr> <td>Venture with MSME Registration No</td> <td>KR01B0007603</td> </tr> <tr> <td>Venture with GST No</td> <td>29ADRPT7236K1ZK</td> </tr> </table>	Venture with MSME Registration No	KR01B0007603	Venture with GST No	29ADRPT7236K1ZK	2019-20	Received Incubation Support from Incubation Unit	No	No	No	No	No								
Venture with MSME Registration No	KR01B0007603																								
Venture with GST No	29ADRPT7236K1ZK																								
<table border="1"> <thead> <tr> <th>Name</th> <th>DIN number</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Santanu Tribedy</td> <td>0</td> <td>Alumni Entrepreneur</td> <td>Male</td> <td>santanu.tribedy@transsible.com</td> <td>9833982321</td> </tr> </tbody> </table>														Name	DIN number	Type	Gender	Email	Contact	Santanu Tribedy	0	Alumni Entrepreneur	Male	santanu.tribedy@transsible.com	9833982321
Name	DIN number	Type	Gender	Email	Contact																				
Santanu Tribedy	0	Alumni Entrepreneur	Male	santanu.tribedy@transsible.com	9833982321																				

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	Hi-Tech Touch	Corporate / Industry Association	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Incubation	1	17-12-2020
2	MHRD Innovation Cell (MIC)	Govt. Agency (Central)	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking,Seed fund	6	24-09-2019
3	Sianom Technologies Private Limited	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Incubation	5	16-11-2019
4	Shri. Vaikunta Biotech Guledgudda	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	0	01-04-2019

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

No Data Filled!

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 Dr. S. S. Injaganeri (Head of Institute) and Dr. A. D. Devangavi (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

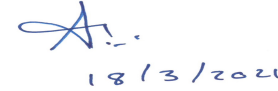
Thank you

The Head of Institute



Dr. S. S. Injaganeri
Head of the Institution,
Bagalkot, Karnataka

Nodal officer



Dr. A. D. Devangavi
Nodal Officer,
Bagalkot, Karnataka