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

Institute Name: SHRI GURU GOBIND SINGHJI INSTITUTE OF ENGINEERING AND TECHNOLOGY [ARI-C-7592]

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	Centre of Excellence in Signal and Image Processing	Centre of Excellence with Advance Tools & Equipment	Signal and Image Processing, Biomedical Signal and Image Processing, Biometrics	UG / PG / PhD	Technical	15	19	1
2	Centre for VLSI Design and Verification supported by Mentor	Centre of Excellence with Advance Tools & Equipment	VLSI Design and Verification	UG / PG / PhD	Technical	57	4	1
3	Chemical Engineering	Academic Department with lab facility	Chemical Engineering	UG / PG / PhD	Technical	145	9	7
4	Civil Engineering	Academic Department with lab facility	Civil, Water Management, Structures, Waste Management	UG / PG / PhD	Technical	350	14	9
5	Computer Science and Engineering	Academic Department with lab facility	Computer Science, Computer Engineering, Computer Network and Security	UG / PG / PhD	Technical	640	26	10
6	Electrical Engineering	Academic Department with lab facility	Electrical Engineering, Power Engineering	UG / PG / PhD	Technical	150	15	6
7	Electronics and Telecommunication Engineering	Academic Department with lab facility	Electronics and Telecommunication Engineering, Signal and Image Processing, VLSI Design, Embedded Systems Design	UG / PG / PhD	Technical	655	34	15
8	Information Technology	Academic Department with lab facility	Information Technology	UG / PG / PhD	Technical	198	16	7
9	Instrumentation Engineering	Academic Department with lab facility	Instrumentation and Control, Biometrics, Biomedical Instrumentation	UG / PG / PhD	Technical	252	11	6
10	General and Humanity Sciences	Academic Department with lab facility	Mathematics, Physics, Humanities	UG / PG / PhD	Technical	0	10	4

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

11	Mechanical Engineering	Academic Department with lab facility	Mechanical Engineering, Product Life Cycle and Management	UG / PG / PhD	Technical	336	22	2
12	Production Engineering	Academic Department with lab facility	Production Engineering, CAD/CAM	UG / PG / PhD	Technical	352	18	19
13	Textile Technology	Academic Department with lab facility	Textile Technology	UG / PG / PhD	Technical	135	6	9
14	Technology Innovation and Entrepreneurship Cell	Incubation Unit	Innovation, Pre-incubation, Entrepreneurship Development	UG / PG / PhD	Technical	576	15	4
15	Robotics for Next Generation (RnXG)	Pre-incubation unit	Robotics	UG / PG / PhD	Technical	253	5	1
16	Biomedical Instrumentation Centre	Centre of Excellence with Advance Tools & Equipment	Biomedical Instrumentation	UG / PG / PhD	Technical	81	5	1
17	Endress and Hauser Process Automation Laboratory	Centre of Excellence with Advance Tools & Equipment	Process Automation Engineering, PLC	UG / PG / PhD	Technical	26	4	1
18	Emerson -Process Automation Safety System (E-PASS) Laboratory	Centre of Excellence with Advance Tools & Equipment	Process Automation, Safety	UG / PG / PhD	Technical	27	4	1
19	Deep Learning Laboratory	Centre of Excellence with Advance Tools & Equipment	Deep Learning, Artificial Intelligence, Computer Vision, Advanced Driver Assistance Systems	UG / PG / PhD	Technical	34	6	1
20	Advanced Industrial Robotics Research and Training Centre	Centre of Excellence with Advance Tools & Equipment	Industrial Robotics	UG / PG / PhD	Technical	0	3	0
21	Engineering Exploration Laboratory	Centre of Excellence with Advance Tools & Equipment	Engineering Exploration	UG / PG / PhD	Technical	750	4	1
22	Innovation Laboratory	Pre-incubation unit	Innovation	UG / PG / PhD	Technical	843	5	2
23	SGGS-SAI Center for Research and Development in Cyber Security	Centre of Excellence with Advance Tools & Equipment	Cyber Security	UG / PG / PhD	Technical	24	7	2
24	SGGS-Solace Cogen Centre for Solar Thermal Research	Centre of Excellence with Advance Tools & Equipment	Solar Thermal Energy	UG / PG / PhD	Technical	37	3	1
25	Patent Cell	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	IPR, Patents	UG / PG / PhD	Technical	24	2	1
26	Industry Liaison Cell	Industry Institute Interface Unit	Industry Institute Interaction	UG / PG / PhD	Both	2145	30	1
27	AquaInformatics Pvt. Ltd.	Incubation Unit	Civil, Water management, Environment	UG / PG / PhD	Technical	64	5	1

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

28	Cosmers	Incubation Unit	Information Technology	UG / PG / PhD	Technical	32	3	1
29	Automobile Development Hub	Centre of Excellence with Advance Tools & Equipment	Automobile and Vehicle Design	UG / PG / PhD	Technical	43	3	2

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

Programs/Initiatives	Status	Registration ID
Adopted National Innovation and Start-up Policy at the HEI	Yes	Not Required
Establishment of Institution's Innovation Council (IIC) at HEI	YES	IIC Registration ID : IC201810653
Trained Innovation Ambassadors at HEI	YES	Not Required
Participation in Smart India Hackathon (SIH)	Yes	Not Required
Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC	No	Not Required
Participation in National Education Alliance of Technology (NEAT)	No	Not Required

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

Srno	Name of Program (Full Name)	Program Theme	Program Type	Program Category	Organizing Department / Centre / Student Body Name	Program Start Date	Program End Date	Program Duration(in Days)	Program Location	Internal Participants (Student)	Internal Participants (Faculty)	External Participants (Student)	External Participants (Faculty)	Total Number of Participants	Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research?
1	First Design Thinking Workshop	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Technology Innovation and Entrepreneurship Cell (TIEC)	29-05-2019 00:00:00	31-05-2019 00:00:00	3	Within Campus	30	2	0	0	32	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 57938	No
2	MHRD - IIC Leadership Talk	Entrepreneurship/Startup	Mentoring Session	Institute Lead Activity	Technology Innovation and Entrepreneurship Cell (TIEC)	22-08-2019 00:00:00	22-08-2019 00:00:00	1	Within Campus	27	1	0	0	28	No	No
3	Talk on Innovation and Entrepreneurial Development	Entrepreneurship/Startup, Innovation	Mentoring Session	Institute Lead Activity	Technology Innovation and Entrepreneurship Cell (TIEC)	06-11-2019 00:00:00	06-11-2019 00:00:00	1	Within Campus	115	4	0	0	119	No	No

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

4	The Journey of an Entrepreneur	Innovation	Motivational speak	Institute Lead Activity	Technology Innovation and Entrepreneurship Cell	31-01-2020 00:00:00	31-01-2020 00:00:00	1	Within Campus	254	10	0	0	264	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 9676	No
5	Second Design Thinking Workshop	Entrepreneurship/Startup, Innovation	Workshop	Institute Lead Activity	Technology Innovation and Entrepreneurship Cell	28-12-2019 00:00:00	29-12-2019 00:00:00	2	Within Campus	28	1	0	0	29	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 75330	No
6	Stepping towards problem and Project Based Learning	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Dean Academics	12-07-2019 00:00:00	13-07-2019 00:00:00	2	Within Campus	0	63	0	0	63	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 21755	No
7	Design Thinking for Entrepreneurs by Prasad Kokil, Director, MAGIC Council	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Chemical Engineering	13-10-2019 00:00:00	13-10-2019 00:00:00	1	Within Campus	78	6	0	0	84	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 3000	No
8	3D Modeling Towards Real World	Innovation	Workshop	Institute Lead Activity	Mechanical Engineering	11-01-2020 00:00:00	12-01-2020 00:00:00	2	Within Campus	28	0	0	0	28	No	No
9	Engineering Exploration Project Exhibition	Innovation	Exhibition	Institute Lead Activity	Engineering Exploration Lab	21-12-2019 00:00:00	21-12-2019 00:00:00	1	Within Campus	65	0	0	0	65	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 1000	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

Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

1	ChemConflex20 (Energy and Environmental Technologies for Sustainable Development)	Entrepreneurship/Startup	Conference	MNNIT, Allahabad	Educational Institute	14-02-2020 00:00:00	19-02-2020 00:00:00	6	0	1	1	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees) 7000	No
2	Zero Energy Building ,IIT, Bombay	Entrepreneurship/Startup	Conference	IIT, Bombay	Educational Institute	04-01-2020 00:00:00	05-01-2020 00:00:00	2	0	2	2	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees) 10889	No
3	Smart India Hackathon 2019	Innovation	Hackathon	IIT , Bombay	Govt. Agency (Central)	08-07-2019 00:00:00	12-07-2019 00:00:00	5	6	1	7	Yes	First Prize	Optimization of water and yield improvement	TotalTotal Expense Amount Incurred by Institute? (In Rupees) 19500	Award / Position / Recognition Secured: First Prize; Title of Innovation / Start-up Secured the Award / Recognition: Optimization of water and yield improvement; Award/Recognition/Achievement Received for: Idea/Innovation/Prototype
4	Mitsubishi Project Competition 2020	Innovation	Innovation Contest	Mitsubishi Pune	Corporate / Industry Association	14-02-2020 00:00:00	15-02-2020 00:00:00	2	3	1	4	Yes	Participated	IoT Based Boiler Automation System	TotalTotal Expense Amount Incurred by Institute? (In Rupees) 24000	Award / Position / Recognition Secured: Participated; Title of Innovation / Start-up Secured the Award / Recognition: IoT Based Boiler Automation System; Award/Recognition/Achievement Received for: Idea/Innovation/Prototype

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

5	SAEINDIA - BAJA	Innovation	Innovation Contest	Society of Automotive Engineers India	Corporate / Industry Association	01-06-2019 00:00:00	30-03-2020 00:00:00	30	25	2	27	Yes	First Prize	Go Green Award - Emission	TotalTotal Expense Amount Incurred by Institute? (In Rupees) — 104000	Award / Position / Recognition Secured — First Prize; Title of Innovation / Start-up Secured the Award / Recognition — Go Green Award - Emission; Award/Recognition/Achievement Received for — Idea/Innovation/Prototype
6	Advance Pedagogy OBE, Research Methodology , IPR , Entrepreneurship and Good Governance	Entrepreneurship/Startup	Conference	Startcore Technologies Puducherry	Corporate / Industry Association	14-12-2019 00:00:00	16-12-2019 00:00:00	3	0	1	1	No	---	---	No	No
7	Smart India Hackathon 2019	Innovation	Hackathon	MHRD - AICTE-MIC- IIT, Delhi	Govt. Agency (Central)	08-07-2019 00:00:00	12-07-2019 00:00:00	5	6	1	7	Yes	First Prize - Hardware Edition	To detect bike crash and send SOS to centralized command Centre.	TotalTotal Expense Amount Incurred by Institute? (In Rupees) — 7000	Award / Position / Recognition Secured — First Prize - Hardware Edition; Title of Innovation / Start-up Secured the Award / Recognition — To detect bike crash and send SOS to centralized command Centre.; Award/Recognition/Achievement Received for — Idea/Innovation/Prototype
8	BAJA SAEINDIA ATV (All Terrain Vehicle) 2020	Innovation	Innovation Contest	Chitkara University, Ropar (Punjab)	Corporate / Industry Association	05-03-2020 00:00:00	09-03-2020 00:00:00	5	6	1	7	Yes	1st Prize	All Terrain Vehicle	No	Award / Position / Recognition Secured — 1st Prize; Title of Innovation / Start-up Secured the Award / Recognition — All Terrain Vehicle; Award/Recognition/Achievement Received for — Idea/Innovation/Prototype

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 | Innovation and JLT | Innovation | B-Plan Competitions | IIT, Bombay | Educational Institute | 02-01-2020 00:00:00 | 06-01-2020 00:00:00 | 5 | 2 | 0 | 2 | No | --- | --- | TotalTotal Expense Amount Incurred by Institute? (In Rupees) 11719 | No |
| 10 | Smart India Hackathon 2019 Contest (Hardware Edition) | Innovation | Hackathon | SR Engineering College ,Warangal | Educational Institute | 08-07-2019 00:00:00 | 12-07-2019 00:00:00 | 5 | 6 | 0 | 6 | No | --- | --- | No | No |

Section 2 > i : 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	One Week STTP-FDP-QIP-TEQIP Funded Waste to Energy-A Green Approach	Innovation	Short term Course	Short Term Certificate Course	Department of Chemical Engineering	03-07-2019	07-07-2019	5	Offline	40	30

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)

No Data Flled!

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)

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	Mr. S. B. Mundhe	Chemical Engineering	Assitant 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
	ICT Tools for Effective Teaching and Leraning	Entrepreneurship/Startup	FDP in I&E, IPR	SRTMU, Nanded	Educational Institute	11-05-2020 00:00:00	16-05-2020 00:00:00	6	Online
	AICTE-QIP Short Term course on Waste to Energy-A Green Approach	Entrepreneurship/Startup	Short term Certificate	QIP-AICTE	Educational Institute	03-07-2019 00:00:00	07-07-2019 00:00:00	5	Offline
	Stepping towards problem and Project Based Learning	Innovation	FDP in I&E, IPR	Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded	Educational Institute	12-07-2019 00:00:00	13-07-2019 00:00:00	2	Offline

| 2 | Dr. P. G. Jadhav | Chemical Engineering | Head of Department | 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
	AICTE-QIP Short Term course on Waste to Energy-A Green Approach	Entrepreneurship/Startup	Short term Certificate	QIP-AICTE	Educational Institute	03-07-2019 00:00:00	07-07-2019 00:00:00	5	Offline

3	Mr. S. B. Dethe		Chemical Engineering		Assitant 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
	AICTE-QIP Short Term course on Waste to Energy-A Green Approach	Entrepreneurship/Startup	Short term Certificate	QIP-AICTE	Educational Institute	03-07-2019 00:00:00	07-07-2019 00:00:00	5	Offline
	Stepping towards problem and Project Based Learning	Innovation	FDP in I&E, IPR	Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded	Educational Institute	12-07-2019 00:00:00	13-07-2019 00:00:00	2	Offline

No.	Name	Department	Designation		
4	Dr.P.B.Ullagaddi	Civil Engineering	Professor	No	No
5	Dr.M.L.Waikar	Civil Engineering	Professor	No	No
6	Dr.P.D.Dahe	Civil Engineering	Professor	No	No
7	Dr.N.H.Kulkarni	Civil Engineering	Professor	No	No
8	Dr.L.G.Patil	Civil Engineering	Head of Department	No	No
9	Dr. S. T. Hamde	Instrumentation Engineering	Professor	No	No
10	Dr. V. G. Asutkar	Instrumentation Engineering	Professor	No	No
11	Mr. J. G. Parkhe	Instrumentation Engineering	Assistant Professor	No	No
12	Ms. S. R. Nandurkar	Instrumentation Engineering	Assistant Professor	No	No
13	Dr.S.N.Talbar	Electronics and Telecommunication Engineering	Professor	No	No
14	Dr.D.D.Doye	Electronics and Telecommunication Engineering	Professor	No	No
15	Dr. S.V.Bonde	Electronics and Telecommunication Engineering	Professor	No	No
16	Dr. Suhas S. Gajre	Electronics and Telecommunication Engineering	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
Summer Internship Program	Innovation	Short term Certificate	Shri Guru Gobind Singhji Institute of Engineering and Technology , Nanded	Educational Institute	20-05-2019 00:00:00	29-06-2019 00:00:00	41	Offline
First Design Thinking Workshop	Entrepreneurship/Startup	Short term Certificate	Shri Guru Gobind Singhji Institute of Engineering and Technology , Nanded	Educational Institute	29-05-2019 00:00:00	31-05-2019 00:00:00	3	Offline
MHRD -IIC Leadership Talk	Entrepreneurship/Startup	EDP in I&E, IPR	Shri Guru Gobind Singhji Institute of Engineering and Technology , Nanded	Educational Institute	22-08-2019 00:00:00	22-08-2019 00:00:00	1	Offline
Innovation and Cyber Security	Entrepreneurship/Startup	Short term Certificate	Shri Guru Gobind Singhji Institute of Engineering and Technology , Nanded	Educational Institute	18-10-2019 00:00:00	18-10-2019 00:00:00	1	Offline
Talk on Innovation and Entrepreneurial Development	Entrepreneurship/Startup	Short term Certificate	Shri Guru Gobind Singhji Institute of Engineering and Technology , Nanded	Educational Institute	06-11-2019 00:00:00	06-11-2019 00:00:00	1	Offline
The Journey of an Entrepreneur	Entrepreneurship/Startup	EDP in I&E, IPR	Shri Guru Gobind Singhji Institute of Engineering and Technology , Nanded	Educational Institute	31-01-2020 00:00:00	31-01-2020 00:00:00	1	Offline
Second Design Thinking Workshop	Entrepreneurship/Startup	Short term Certificate	Shri Guru Gobind Singhji Institute of Engineering and Technology , Nanded	Educational Institute	28-12-2019 00:00:00	29-12-2019 00:00:00	2	Offline
Stepping towards problem and Project Based Learning	IPR, Innovation	FDP in I&E, IPR	Shri Guru Gobind Singhji Institute of Engineering and Technology , Nanded	Educational Institute	12-07-2019 00:00:00	13-07-2019 00:00:00	2	Offline
Third Design Thinking Workshop	Entrepreneurship/Startup	Short term Certificate	Shri Guru Gobind Singhji Institute of Engineering and Technology , Nanded	Educational Institute	14-03-2020 00:00:00	15-03-2020 00:00:00	2	Offline
Internal Smart India Hackathon	Entrepreneurship/Startup, Innovation	Short term Certificate	Shri Guru Gobind Singhji Institute of Engineering and Technology , Nanded	Educational Institute	19-01-2020 00:00:00	21-01-2020 00:00:00	3	Offline

17	Dr.A.B.Gonde	Electronics and Telecommunication Engineering	Professor	No	No
18	Dr.M.V.Bhalerao	Electronics and Telecommunication Engineering	Professor	No	No
19	Mr.S.S.Hatkar	Computer Science Engineering	Assistant Professor	No	No
20	Dr.U.V.Kulkarni	Computer Science Engineering	Professor	No	No
21	Dr.J.M.Waghmare	Computer Science Engineering	Professor	No	No

22	Dr. Amit Nandedkar	Computer Science Engineering	Professor	No	No
23	Dr. B.R.Bombade	Computer Science Engineering	Professor	No	No
24	Mr.H.P. Ambulgekar	Computer Science Engineering	Assistant Professor	No	No
25	Mr. Kanhegaokar P.P	Computer Science Engineering	Assistant Professor	No	No
26	Mr.P.S.Nalwade	Computer Science Engineering	Assistant Professor	No	No
27	Dr.M.V.Vaidya	Information Engineering	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

28	Mr.B.S.Shetty	Information Engineering	Assistant Professor	No	No
29	Mr.G.S.Pakle	Information Engineering	Assistant Professor	No	No
30	Mr.C.P.Navdeti	Information Engineering	Assistant Professor	No	No
31	Mr.R.P.Parvekar	Mechanical Engineering	Head of Department	No	No
32	Dr.R.S.Bhalekar	Physics Department	Professor	No	No
33	Dr.L.N.Wankhade	Production Department	Professor	No	No
34	Dr.B.M.Dabade	Production Department	Professor	No	No
35	Dr.Rodge M.K	Production Department	Professor	No	No
36	Dr.A.K.Chakraborti	Textile Department	Head of Department and Professor	No	No
37	Dr.P.Kar	Textile Department	Professor	No	No
38	Dr.P.G.Solankar	Textile Department	Professor	No	No
39	Dr.R.N.Joshi	Textile Department	Professor	No	No
40	Dr. Y.V.Joshi	Electronics and Telecommunication Engineering	Director SGGSIE and T	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
First Design Thinking Workshop	Entrepreneurship/Startup	FDP in I&E, IPR	Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded	Educational Institute	29-05-2019 00:00:00	31-05-2019 00:00:00	3	Offline
Stepping towards problem and Project Based Learning	Entrepreneurship/Startup	FDP in I&E, IPR	Shri Guru Gobind Singhji Institute of Engineering and Technology,Nanded	Educational Institute	12-07-2019 00:00:00	13-07-2019 00:00:00	2	Offline
Third Design Thinking Workshop	Entrepreneurship/Startup, Innovation	Short term Certificate	Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded	Educational Institute	14-03-2020 00:00:00	15-03-2020 00:00:00	2	Offline

41	Mr. Kanagala Murlimohan	Technology Innovation and Entrepreneurship Cell	Coordination TIEC	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
Summer Internship Program	Innovation	Short term Certificate	Shri Guru Gobind Singhji Institute of Engineering and Technology,Nanded	Educational Institute	20-05-2019 00:00:00	29-06-2019 00:00:00	41	Offline
First Design Thinking Workshop	Entrepreneurship/Startup	Short term Certificate	Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded	Educational Institute	29-05-2019 00:00:00	31-05-2019 00:00:00	3	Offline
MHRD -IIC Leadership Talk	Innovation	Short term Certificate	Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded	Educational Institute	22-08-2019 00:00:00	22-08-2019 00:00:00	1	Offline
Innovation and Cyber Security	Innovation	Employment Generation Training Programs	Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded	Educational Institute	18-10-2019 00:00:00	18-10-2019 00:00:00	1	Offline
Talk on Innovation and Entrepreneurial Development	Entrepreneurship/Startup	Short term Certificate	Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded	Educational Institute	06-11-2019 00:00:00	06-11-2019 00:00:00	1	Offline
The Journey of an Entrepreneur	Innovation	Employment Generation Training Programs	Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded	Educational Institute	31-01-2020 00:00:00	31-01-2020 00:00:00	1	Offline
Second Design Thinking Workshop	Entrepreneurship/Startup	Short term Certificate	Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded	Educational Institute	28-12-2019 00:00:00	29-12-2019 00:00:00	2	Offline
Third Design Thinking Workshop	Entrepreneurship/Startup	Short term Certificate	Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded	Educational Institute	14-03-2020 00:00:00	15-03-2020 00:00:00	2	Offline
Internal Smart India Hackathon	Innovation	Short term Certificate	Shri Guru Gobind Singhji Institute of Engineering and Technology, Nanded	Educational Institute	19-01-2020 00:00:00	21-01-2020 00:00:00	3	Offline

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	SAEINDIA - BAJA CLUB	Innovation Club	2008	Co-working Space,Work Stations	Innovation Park/Research Park	1	Prajwal Manekar	2018bme034@sggs.ac.in	9689217938

| 2 | SUPRA CLUB | Innovation Club | 2015 | Co-working Space,Work Stations | Innovation Park/Research Park | 1 | ASHPREET SINGH JUNEJA | 2018bme040@sggs.ac.in | 7180526346 |

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)

No Data FIled!

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

No Data FIled!

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

No Data FIled!

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

No Data FIled!

Section 3 > ii > e : List the IPR Cell/Technology Transfer Centre Facilities at the HEI

Srno	Name of IPR Cell/Technology Transfer Centre Facility	Year of Establishment	IPR Cell/Technology Transfer Centre with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with IPR Cell/Technology Transfer Centre, if any (Optional)	Facility Details		Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by IPR Cell/Technology Transfer Centre?	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation/Startup/Venture Development and implementation during the Financial Year 2019-20?
1	EDCILIPMO (Entrepreneurship development cell innovation laboratory and Intellectual property management office)	2016	Innovation Labs,Innovation Park/Research Park	Institute Fund	Facility Incharge Name	Dr.S.S. Gajre Sir	02	Yes	No	Yes
					Facility Incharge Email	ssgajre @sggs .ac.in				
					Facility Incharge Phone	94218 51011				

	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	Shri Guru Gobind Singhji Institute of Engineering and Technology	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	Mr. Kanagala Murlimohan	Coordination TIEC	Idea/Innovation Development,Entrepreneurship/Startup Development	30

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)
Electric vehicle	Within	No
Power Monitoring & Recommendation System	Within	No
Anti-theft System for Four Wheeler	Within	No
Universal Battery Charger (Programmable)	Within	No
Heart rate monitor using Arduino & GSM	Within	No
Cable Tester	Within	No
Automatic Motor Controller	Within	No
ECG System Using Smartphone	Within	No
Battery Management System (BMS)	Within	No
Live Bus Tracking with Additional Features	Within	No
VAT METER Using At-mega 8 Microcontroller	Within	No
Automatic Temperature Monitoring System for Solar Parabolic Collector	Within	No
Design and Development of Selective Laser 3D Printer	Within	No
To detect bike crash and send SOS to centralized command Centre	Outside	No
Earthquake Production using Machine Learning	Within	No
Fully Automated robot for pick and place by scanning any environment	Within	No
Interface Between user providers & costumers	Within	No
Fully Automated robot for pick and place by scanning any environment	Within	No
Interface Between user providers & costumers	Within	No

2	Dr. V. R. Thool	Associate Professor	Idea/Innovation Development		23

Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
Optimization of Water for yield improvement	Outside	No

3	Dr. P. G. Jadhav	Head of Department	Idea/Innovation Development		15

Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
Air Conditioner using adsorption	Within	No

4	Dr. Suhas S. Gajre	Professor	Idea/Innovation Development		25

Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
Smart India Hackathon Project	Within	

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

5	Dr.A.B.Gonde	Professor	Idea/Innovation Development	25

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

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

Srno	Name of the External Expert/Agency as Mentor	Mentor Expert Area	Type of Mentorship
1	K.Murlimohan	Idea/Innovation Development,Entrepreneurship/Startup Development	Structured Mentorship

Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee
Smart India Hackathon 2019	07-07-2019	12-07-2019	6	1	01	Innovation/Prototype
Summer Internship Program	20-05-2019	29-06-2019	41	01	02	Innovation/Prototype
Internal Hackathon 2020 College Level	19-01-2020	21-01-2020	3	02	03	Innovation/Prototype

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	Optimization of water and yield improvement	Product Innovation	Technological		Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	Agency Name	IIT Bombay	No	No		No	No
									Agency Type	Educational Institute					
									Award / Position / Recognition Secured	Winner First place Received Prize 75000					

Name	Type	Gender	Email	Contact
Shreyash Meshram	Student	Male	2016bin040@sggs.ac.in	9595238884

Name	Type	Gender	Email	Contact
Atharva Pathak	Student	Male	2016bin032@sggs.ac.in	7030450929

2	To detect bike crash and send SOS to centralized command Centre.	Product Innovation,Service Innovation	Technological		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 Completed	Agency Name	Smart India Hackathon 2019 IIT, Delhi	No	No		No	No
									Agency Type	Govt. Agency (Central)					
									Award / Position / Recognition Secured	First Prize					

Name	Type	Gender	Email	Contact
Akshay Mirashe	Student	Male	2016bec066@sggs.ac.in	9028538099

Name	Type	Gender	Email	Contact
Shankar Biradar	Student	Male	2016bec155@sggs.ac.in	9730692964
Swaraj Shingote	Student	Male	2017bec082@sggs.ac.in	7218733196
Sarang Dondal	Student	Male	2017bec089@sggs.ac.in	9823065456
Shweta Dalal	Student	Female	2017bec023@sggs.ac.in	7218648663
Mrunal Joshi	Student	Female	2017bec108@sggs.ac.in	9423880463
K.Murlimohan Sir	Faculty	Male	tiec@sggs.ac.in	9423693694

3	Wheel Chair Stretcher	Product Innovation	Technological		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 Completed	No		No	No	No	No

Name	Type	Gender	Email	Contact
Bhushan Katade	Student	Male	2016bme504@sggs.ac.in	9765422432

Name	Type	Gender	Email	Contact
Pratiksha Deshpande	Student	Female	2016bme010@sggs.ac.in	7447531805
Rushabh Bhosale	Student	Male	2015bme050@sggs.ac.in	8855835907
Shriniwas Adhe	Student	Male	2015bme031@sggs.ac.in	9420005000
Kshitij Sagar	Student	Male	2017bec014@sggs.ac.in	9421690378
Vishal Kayande	Student	Male	2017btt004@sggs.ac.in	9503963220

| 4 | Electric Vehicle Project | Product Innovation,Service Innovation | Technological | | Student | TRL 5 : Large scale prototype tested in intended environment. | TRL 7 : Demonstration system operating in operational environment at pre-commercial scale. | Innovation Development Completed | Agency Name: TCS Pune / Agency Type: Corporate / Industry Association / Award / Position / Recognition Secured: TCS Best Project Award | No | No | No | No |

Name	Type	Gender	Email	Contact
Sachin Buibar	Student	Male	2015bme002@sggs.ac.in	7776991805

Name	Type	Gender	Email	Contact
Bhushan Katade	Student	Male	2016bme504@sggs.ac.in	9765422432
Rushabh Bhosale	Student	Male	2015bme050@sggs.ac.in	8855835907
Shriniwas Adhe	Student	Male	2015bme031@sggs.ac.in	9420005000
Vijay Phutane	Student	Male	2015bme058@sggs.ac.in	8208444301
Kshitij Sagar	Student	Male	2017bec014@sggs.ac.in	9421690378
K. Murlimohan	Faculty	Male	tiec@sggs.ac.in	9423693694

| 5 | Design and Development of Selective Laser 3D Printer | Product Innovation | Technological | | Student | TRL 3 : Applied research. First laboratory tests completed; proof of concept. | TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype). | Innovation Development Completed | Agency Name: TCS Pune / Agency Type: Corporate / Industry Association / Award / Position / Recognition Secured: TCS Best Project Award | No | No | No | No |

Name	Type	Gender	Email	Contact
Shubham Lolusare	Student	Male	2015bme006@sggs.ac.in	7769825680

Name	Type	Gender	Email	Contact
Sushant Ankushe	Student	Male	2015bec013@sggs.ac.in	9156836840
Nikita Belure	Student	Female	2015bec054@sggs.ac.in	9175678740
Atul Jadhav	Student	Male	2015bec095@sggs.ac.in	7875129425

Section 5 : 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 Registerd as	Year of Registration	What is the current status of Pre-Incubation/Incubation Support to Venture/ Startup/ SME Unit as on 31st March 2020?	Had the Venture Received any Recognition at State, National, International Level Programs during the financial period 2019-20?	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Venture establishment during the financial period 2019-20	Had the venture/startup raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/HEI received any income/revenue from venture/startup for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019-20	Has the 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	ORA-ROBOTICS	Service Innovation	Technological	421	Student	Venture with MSME Registration No: MH21D0011920 / Venture with GST No: 27KOJPS7878D1ZZ	2019-20	Received Incubation Support from Incubation Unit	No	No	No	No	No

Name	DIN number	Type	Gender	Email	Contact
Omkar Singh	No	Student	Male	2018bme007@sggs.ac.in	7039368447

| 2 | Limber Logistics | Product Innovation,Service Innovation | Techno logical | 421 | Stud ent | Venture with Corporate Identification Number (CIN) Registration | U93090PN 2018PTC17 5806 | 2019 -20 | Graduated from the Incubation unit | No | No | No | No | No |

Name			DIN number		Type		Gender		Email		Contact
Sumit Vijapure			08102465		Faculty		Male		admin@limberlogistics.com		8275352365

| 3 | Cosmers Global Solutions | Product Innovation,Process Innovation | Techno logical | 421 | Stud ent | Venture with Corporate Identification Number (CIN) Registration | U93090PN 2018PTC17 5806 | 2019 -20 | Graduated from the Incubation unit | No | No | No | No | No |

Name			DIN number		Type		Gender		Email		Contact
Sumit Vijapure			08102465		Student		Male		admin@cosmers.com		8275352365

| 4 | Pydok Business Solutions | Product Innovation,Service Innovation | Techno logical | 421 | Stud ent | Venture with Corporate Identification Number (CIN) Registration | U93090PN 2018PTC17 5806 | 2018 -19 | Graduated from the Incubation unit | Agency Name: BENCHMARK TRUST, Delhi
Agency Type: Govt. Agency (Central)
Award / Position / Recognition Secured: India 500 Startup Award 2019 | No | No | No | Yes |

Name			DIN number		Type		Gender		Email		Contact
Sumit Vijapure			08102465		Student		Male		sumitv@pydok.com		8275352365

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	ICT, Jalna	Educational Institute	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Networking	0	30-08-2019
2	NIT Warangal	Educational Institute	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Networking	0	10-01-2020
3	Y- Center- CMIA	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	30	23-12-2019
4	CMIA-MAGIC (Chamber of Marathwada Industries and Agriculture- Marathwada Accelerator for Growth & Incubation Council), Aurangabad	Corporate / Industry Association	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation	4	06-02-2019
5	NIMA (Nashik Industries and Manufacturers Association, Nashik)	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	6	05-02-2020

| 6 | Chipspirit, Banglore | Corporate / Industry Association | Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities | Mentoring | 2 | 02-02-2020 |
| 7 | DISQ (Digital Impact Square) | Corporate / Industry Association | Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities | Mentoring | 4 | 06-01-2020 |

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

No Data 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	System and Method to Produce Jaggery using Solar	201921034759	National	2019 - 08	Uploaded
2	System and Method to Cool a Cabin of the Vehicle	201921034761	National	2019 - 08	Uploaded
3	System and Method Sending a Transmission to an Emergency Contact	202021010019	National	2020 - 03	Uploaded
4	System and Method of Sending a Transmission to an Emergency contact for a Vehicle	202021010020	National	2020 - 03	Uploaded
5	ELECTRONIC GADGET FOR PREVENTING ACCIDENT DUE TO DROWNING AND METHOD THEREFOR	201921033101	National	2019 - 09	Uploaded