



ARIIA

ATL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



MoE
Ministry of Education
Government of India

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

Institute Name: ST. JOSEPH ENGINEERING COLLEGE [ARI-C-1277]

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

Srno	Department / Center / Unit Name	Type of Department / Center / Unit	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Beneficiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
1	Chemistry	Academic Department with lab facility	Engineering	UG / PG / PhD	Technical	480	5	2
2	Environmental Engineering Laboratory	Academic Department with lab facility	Civil Engineering	UG / PG / PhD	Technical	68	1	1
3	Computer Aided Detailing of Structures	Academic Department with lab facility	Civil Engineering	UG / PG / PhD	Technical	68	2	1
4	Geo technical Engineering Lab	Academic Department with lab facility	Civil Engineering	UG / PG / PhD	Technical	66	2	1
5	Engineering Graphics drawing	Academic Department with lab facility	Mechanical	UG / PG / PhD	Technical	480	5	2
6	Mechanical measurements and metrology	Academic Department with lab facility	Mechanical	UG / PG / PhD	Technical	113	4	2
7	Material Testing lab	Academic Department with lab facility	Mechanical	UG / PG / PhD	Technical	113	4	2
8	Machine shop	Academic Department with lab facility	Mechanical	UG / PG / PhD	Technical	113	4	2
9	Foundry and forging lab	Academic Department with lab facility	Mecahnical	UG / PG / PhD	Technical	113	4	2
10	Energy conversion lab	Academic Department with lab facility	Mechanical	UG / PG / PhD	Technical	163	4	2
11	Fluid mechanics lab	Academic Department with lab facility	Mechanical	UG / PG / PhD	Technical	163	4	2
12	Heat transfer lab	Academic Department with lab facility	Mechanical	UG / PG / PhD	Technical	163	4	2

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13	Finite element Analysis	Academic Department with lab facility	Mechanical	UG / PG / PhD	Technical	163	4	2
14	Design lab	Academic Department with lab facility	Mechanical	UG / PG / PhD	Technical	178	4	2
15	Computer Integrated lab	Academic Department with lab facility	Mechanical	UG / PG / PhD	Technical	178	4	2
16	Concrete and Highway Materials Laboratory	Academic Department with lab facility	Civil Engineering	UG / PG / PhD	Technical	66	2	1
17	Software Application Lab	Academic Department with lab facility	Civil Engineering	UG / PG / PhD	Technical	66	2	1
18	Computer Aided Building Planning and Drawing	Academic Department with lab facility	Civil Engineering	UG / PG / PhD	Technical	64	2	1
19	Engineering Geology Laboratory	Academic Department with lab facility	Civil Engineering	UG / PG / PhD	Technical	64	2	1
20	Surveying Practice	Academic Department with lab facility	Civil Engineering	UG / PG / PhD	Technical	64	2	1
21	Machine Learning and Project Lab	Academic Department with lab facility	Computer Science & Engineering	UG / PG / PhD	Technical	129	10	1
22	DBMS and Computer Graphics Laboratory	Academic Department with lab facility	Computer Science & Engineering	UG / PG / PhD	Technical	131	16	1
23	Web Programming and Project Lab	Academic Department with lab facility	Computer Science & Engineering	UG / PG / PhD	Technical	129	16	1
24	Data Structure and Design of Algorithms Lab	Academic Department with lab facility	Computer Science & Engineering	UG / PG / PhD	Technical	133	16	1
25	Computer Programming Laboratory	Academic Department with lab facility	Computer Science & Engineering	UG / PG / PhD	Technical	540	30	2
26	Analog and Digital Electronics and Microprocessor Laboratory	Academic Department with lab facility	Computer Science & Engineering	UG / PG / PhD	Technical	133	18	2
27	Network and System Software Laboratory	Academic Department with lab facility	Computer Science & Engineering	UG / PG / PhD	Technical	131	16	2
28	IOT Lab	Academic Department with lab facility	Computer Science & Engineering	UG / PG / PhD	Technical	256	20	1
29	CISCO Lab	Academic Department with lab facility	Computer Science & Engineering	UG / PG / PhD	Technical	131	4	1

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

30	Research Lab 1	Academic Department with lab facility	Computer Science & Engineering	UG / PG / PhD	Technical	16	16	1
31	Research Lab 2	Academic Department with lab facility	Computer Science & Engineering	UG / PG / PhD	Technical	5	5	1
32	M.TECH LAB 1	Academic Department with lab facility	Computer Science & Engineering	UG / PG / PhD	Technical	1	1	1
33	VLSI Lab	Academic Department with lab facility	Electronics & Communication Engineering	UG / PG / PhD	Technical	99	4	1
34	Digital Electronics Lab	Academic Department with lab facility	Electronics & Communication Engineering	UG / PG / PhD	Technical	122	4	1
35	Analog Electronics Lab	Academic Department with lab facility	Electronics & Communication Engineering	UG / PG / PhD	Technical	122	4	1
36	Advanced Communication Lab	Academic Department with lab facility	Electronics & Communication Engineering	UG / PG / PhD	Technical	99	4	1
37	HDL Lab	Academic Department with lab facility	Electronics & Communication Engineering	UG / PG / PhD	Technical	118	2	1
38	DSP Lab	Academic Department with lab facility	Electronics & Communication Engineering	UG / PG / PhD	Technical	118	2	1
39	Project Lab	Academic Department with lab facility	Electronics & Communication Engineering	UG / PG / PhD	Technical	99	2	1
40	Industry Oriented Activity Lab	Academic Department with lab facility	Electronics & Communication Engineering	UG / PG / PhD	Technical	240	2	1
41	Physics	Academic Department with lab facility	Engineering	UG / PG / PhD	Technical	488	5	2
42	Physics	Academic Department with lab facility	Research Lab	UG / PG / PhD	Technical	6	2	0
43	Pre Incubation	Pre-incubation unit	Multidisciplinary	UG / PG / PhD	Technical	560	18	2
44	Industry Institute Interface	Industry Institute Interface Unit	Multidisciplinary	UG / PG / PhD	Technical	2348	158	142
45	Computer Applications Lab 1	Academic Department with lab facility	Computer Applications	UG / PG / PhD	Technical	109	6	1
46	SJEC Incubation Centre	Incubation Unit	Multidisciplinary	UG / PG / PhD	Technical	93	2	4
47	SJEC-KSCST IPR Cell	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Multidisciplinary	UG / PG / PhD	Technical	100	35	0

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

48	Electronics Laboratory	Academic Department with lab facility	Electrical and Electronics Engineering	UG / PG / PhD	Technical	63	2	1
49	Electrical Machines Laboratory	Academic Department with lab facility	Electrical and Electronics Engineering	UG / PG / PhD	Technical	126	2	1
50	Op-amps Laboratory	Academic Department with lab facility	Electrical and Electronics Engineering	UG / PG / PhD	Technical	63	2	1
51	Power Electronics Laboratory	Academic Department with lab facility	Electrical and Electronics Engineering	UG / PG / PhD	Technical	66	2	1
52	Micro controller Laboratory	Academic Department with lab facility	Electrical and Electronics Engineering	UG / PG / PhD	Technical	66	2	1
53	Control Systems Laboratory	Academic Department with lab facility	Electrical and Electronics Engineering	UG / PG / PhD	Technical	66	2	1
54	Digital Signal Processing Laboratory	Academic Department with lab facility	Electrical and Electronics Engineering	UG / PG / PhD	Technical	66	2	1
55	Computer aided Drawing Laboratory	Academic Department with lab facility	Electrical and Electronics Engineering	UG / PG / PhD	Technical	66	2	1
56	High Voltage and Relay Laboratory	Academic Department with lab facility	Electrical and Electronics Engineering	UG / PG / PhD	Technical	59	2	1
57	Power System Simulation Laboratory	Academic Department with lab facility	Electrical and Electronics Engineering	UG / PG / PhD	Technical	59	2	1
58	MBA Computer Lab	Academic Department with lab facility	Business Administration	UG / PG / PhD	Technical	114	8	1
59	Computer Applications Lab 2	Academic Department with lab facility	Computer Applications	UG / PG / PhD	Technical	109	6	1
60	Computer Applications Lab 3	Academic Department with lab facility	Computer Applications	UG / PG / PhD	Technical	109	6	1
61	Computer Applications Lab 4	Academic Department with lab facility	Computer Applications	UG / PG / PhD	Technical	109	6	1
62	Computer Applications Lab 5	Academic Department with lab facility	Computer Applications	UG / PG / PhD	Technical	109	6	1

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

Programs/Initiatives	Status	Registration ID
Adopted National Innovation and Start-up Policy at the HEI	Yes	Not Required
Establishment of Institution's Innovation Council (IIC) at HEI	YES	IIC Registration ID : IC201810846

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

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	Start-up Bootcamp	Entrepreneurship/Startup	Boot camp	Institute Lead Activity	New Age Innovation Network	22-08-2019 00:00:00	22-08-2019 00:00:00	1	Within Campus	171	4	0	0	175	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 26000	No
2	Innovation Day	Innovation	Awareness	Institute Lead Activity	Industry and Innovation Group	11-10-2019 00:00:00	11-10-2019 00:00:00	1	Within Campus	20	5	90	6	121	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 10000	No
3	Special Lecture Series by Ms Shilpa Hallimane	Entrepreneurship/Startup	Motivational speak	Institute Lead Activity	MBA	24-10-2019 00:00:00	24-10-2019 00:00:00	1	Within Campus	60	4	0	0	64	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 5000	No
4	"Start a start-up – Become an Entrepreneur"	Entrepreneurship/Startup	Motivational speak	Institute Lead Activity	Computer Science and Engineering	26-10-2019 00:00:00	26-10-2019 00:00:00	1	Within Campus	120	4	0	0	124	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 5000	No
5	Talk on Innovation	Innovation	Awareness	Student Lead Activity	Electronics and Communication Engineering	02-03-2020 00:00:00	02-03-2020 00:00:00	1	Within Campus	150	4	0	0	154	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 5000	No

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

6	Talk on Innovation and Entrepreneur	Innovation	Motivational speak	Student Lead Activity	Electronics and Communication Engineering	03-03-2020 00:00:00	03-03-2020 00:00:00	1	Within Campus	120	4	0	0	124	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
7	"One Day Workshop on Intellectual Property Rights: its significance in the sphere of Engineering"	IPR	Training	Institute Lead Activity	KSCST, NAIN	18-10-2019 00:00:00	18-10-2019 00:00:00	1	Within Campus	47	5	0	0	52	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	15000	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

Smo	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	Smart India Hackathon	Innovation	Hackathon	MHRD IIC	Govt. Agency (Central)	20-01-2020 00:00:00	20-01-2020 00:00:00	1	28	4	32	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	2000	No

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

No Data Filled!

Section 2 > ii : List the Employment Generation Skill Development Programs Organized by the HEI on Innovation, IPR and Entrepreneurship Development During the Academic Period (2019-20)

No Data Filled!

Section 2 > iii : List the Full Time Faculties had with a Degree (UG/PG/PhD) in Innovation/IPR/Entrepreneurship and (or) Received Specialized Training program of I&E, IPR (MDP, EDP, FDP, Short-term Certificate Course, of minimum 30 hours Duration) conducted by various State, Central Govt. agencies, and Knowledge Agencies in the Academic Period (2019-20)

No Data Filled!

Section 3 > i : List Idea/Innovation Centric Student Clubs Are Functional at the HEI with Access to Co-working Space/Work-stations for Students with Facilities & Equipment Available to promote and Support Innovation, Entrepreneurship and IPR Activities in Campus

No Data Filled!

Section 3 > ii > a : List the Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Centre/Startup Cell) (>= 600 Sq. Ft. Floor Area)

Srno	Name of Pre-Incubation Centre	Type of Facility	Year of Establishment	Type of Facilities Available at the Centre	Pre-Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Pre-Incubation Unit, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Pre-Incubation Unit Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20	Had institute Generated Income either from Services Offered by Pre-Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation Centre/Facilities?						
1	New Age Innovation Network	Innovation Centre	2018	Co-working Space	Incubation Unit	Incubation Unit	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Yathish Kumar K</td> </tr> <tr> <td>Facility Incharge Email</td> <td>yathishk@sjec.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9611781213</td> </tr> </table>	Facility Incharge Name	Yathish Kumar K	Facility Incharge Email	yathishk@sjec.ac.in	Facility Incharge Phone	9611781213	6	Yes	No	Yes
Facility Incharge Name	Yathish Kumar K																
Facility Incharge Email	yathishk@sjec.ac.in																
Facility Incharge Phone	9611781213																
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						NAIN			Govt. Agency (State)		0						

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

No Data Filled!

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

Srno	Name of Incubation Facility	Year of Establishment	Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Incubation Unit, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Incubation Facility Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Incubation Centre/Facilities?						
1	SJEC Incubation Centre	2019	IPR Cell/Technology Transfer Centre, Student Clubs	New Age Innovation Network	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Yathish Kumar K</td> </tr> <tr> <td>Facility Incharge Email</td> <td>yathishk@sjec.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9611781213</td> </tr> </table>	Facility Incharge Name	Yathish Kumar K	Facility Incharge Email	yathishk@sjec.ac.in	Facility Incharge Phone	9611781213	2	Yes	No	Yes
Facility Incharge Name	Yathish Kumar K														
Facility Incharge Email	yathishk@sjec.ac.in														
Facility Incharge Phone	9611781213														

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

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)
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Section 3 > ii > d : List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)

No Data Filled!

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

Srno	Name of IPR Cell/Technology Transfer Centre Facility	Year of Establishment	IPR Cell/Technology Transfer Centre with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with IPR Cell/Technology Transfer Centre, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by IPR Cell/Technology Transfer Centre?	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation/Start up/Venture Development and implementation during the Financial Year 2019-20?						
1	KSCST IPR Cell	2019	Incubation Unit, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Yathish Kumar K</td> </tr> <tr> <td>Facility Incharge Email</td> <td>yathishk@sjec.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9611781213</td> </tr> </table>	Facility Incharge Name	Yathish Kumar K	Facility Incharge Email	yathishk@sjec.ac.in	Facility Incharge Phone	9611781213	2	No	No	No
Facility Incharge Name	Yathish Kumar K														
Facility Incharge Email	yathishk@sjec.ac.in														
Facility Incharge Phone	9611781213														

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

No Data Filled!

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	Mr Gopalakrishna Bhat	Entrepreneurship/Startup Development	Unstructured Mentorship
2	Nelson Castelino	Entrepreneurship/Startup Development	Unstructured Mentorship
3	Prajwal Vas	Idea/Innovation Development	Unstructured Mentorship
4	Sujan shetty	IPR Protection & Commercialization	Unstructured Mentorship
5	Renu Jayaram	Idea/Innovation Development	Unstructured Mentorship

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

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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 pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019
						TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.		Agency Name	Agency Type				
1	Design and fabrication of Combined wheelchair and bed	Product Innovation	Technological	Incubation	Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	Agency Name	KS CST	No	No	No	No
				Name		Type		Gender		Email		Contact		
				Dr Binu		Faculty		Male		binuk@sjec.ac.in		9739866947		
				Name		Type		Gender		Email		Contact		
				Yathish Kumar k		Faculty		Male		yathishk@sjec.ac.in		9611781213		
2	Effect of Injection Timing and Inlet Temperature on Performance and Emission of Diesel Engine	Process Innovation	Technological	incubation	Faculty	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	No	No	No	No	No	No

Name		Type							Gender			Email		Contact	
Vijay V S		Faculty							Male			vijayv@sjec.ac.in		9480200266	
3	A Research on Starch Based Bioplastics	Process Innovation	Technological	incubation	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 Completed	No	No	No	No		No	
	Name		Type							Gender			Email		Contact
	Dr James Valder		Faculty							Male			jamesv@sjec.ac.in		9972717540
4	Development of Sun Dried Agro Processing Machine	Product Innovation	Technological	incubation	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 Completed	No	No	No	No		No	
	Name		Type							Gender			Email		Contact
	Dr Binu K G		Faculty							Male			binuk@sjec.ac.in		9739866947

5	Development of Low Noise Generating Ceiling Fan	Product Innovation	Technological	incubation	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	No	No	No
Name		Type			Gender		Email		Contact				
Prashanth KUMAR		Faculty			Male		PRASHANTK@SJEC.AC.IN		9481263328				
6	Design and Development of Humanoid Arm	Product Innovation	Technological	INCUBATION	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 Completed	No	No	No	No	No
Name		Type			Gender		Email		Contact				
Dr Binu K G		Faculty			Male		binuk@sjec.ac.in		9739866947				
7	Development of Portable Fire Extinguisher using Acoustic Waves	Product Innovation	Technological	incubation	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 Completed	No	No	No	No	No

Name		Type							Gender			Email		Contact
Dr James Valder		Faculty							Male			jamesv@sjec.ac.in		9972717540
8	Use of Novel metal alloys for Pitot Tube	Product Innovation	Technological	incubation	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 Completed	No	No	No	No		No
Name		Type							Gender			Email		Contact
Dr Purushthoma Chippar		Faculty							Male			purushothama@sjec.ac.in		9448071061
9	Fabrication of Air to Water Generator. (Atmospheric Water Generator)	Product Innovation	Technological	incubation	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 Completed	No	No	No	No		No
Name		Type							Gender			Email		Contact
Sharun Mendonca		Faculty							Male			sharunm@sjec.ac.in		9483914869

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

No Data Filled!

Section 7 > i : List all the Collaborations with External Agencies and Co-Creation of I&E Activities by the HEI

No Data Filled!

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

No Data Filled!

Section 8 > iii : List the IP (Patents only) Filed by the HEI as Applicant / Co-applicant / Co-owner

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	AUTOMATED DOMESTIC GAS STOVE WITH MANUAL AND SERVO VALVE CONTROLLED, INDEPENDENTLY FLOODED CONCENTRIC GAS BURNER	6051/CHE/2013		2015 - 06	NA
2	MUTUALLY OPPOSITE AND COAXIALLY ROTATING ARMATURE AND FIELD COILS TYPE ELECTRIC GENERATOR	201741044759		2019 - 06	NA

Section 8 > v : List the IPs hold by the Innovation teams/Startups Incubated at the Pre-incubation/incubation Unit of the HEI

No Data Filled!

Section 8 > vi : List the IP Commercialized/Transferred Published & Granted to HEI as Co-applicant/Co-owner

No Data Filled!

Declaration

To,
The ARIIA Committee
MHRD's Innovation Cell
New Delhi

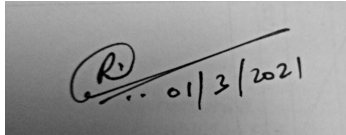
Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Dr. Rio D'Souza (Head of Institute) and Dr. Kavitha K Mahesh (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

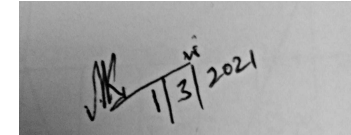
Thank you

The Head of Institute



Dr. Rio D'Souza
Head of the Institution,
Mangalore, Karnataka

Nodal officer



Dr. Kavitha K Mahesh
Nodal Officer,
Mangalore, Karnataka