

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

Institute Name: SRI INDU COLLEGE OF ENGINEERING AND TECHNOLOGY [ARI-C-19647]

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	COMPUTER SCIENCE AND ENGINEERING	Research Unit / Park	Artificial Intelligence	UG / PG / PhD	Technical	680	52	15
2	Electronics and Communication Engineering	Incubation Unit	IoT and Robotic Automations	UG / PG / PhD	Technical	655	45	15
3	Information Technology	Academic Department with lab facility	CISCO Laboratories, SAP	UG / PG / PhD	Technical	120	10	3
4	Mechanical Engineering	Industry Institute Interface Unit	Robotic and Industrial Automation	UG / PG / PhD	Technical	230	28	5
5	Electrical and Electronics Engineering	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Engineering Scopes from all the Departments	UG / PG / PhD	Technical	125	18	3
6	Civil Engineering	Academic Department with lab facility	Structural Design Engineering, Strength of Material Labs	UG / PG / PhD	Technical	135	24	3
7	Electronics and Communication Engineering	Pre-incubation unit	Digital Signal Processing and Computer Vision	UG / PG / PhD	Technical	635	45	15
8	COMPUTER SCIENCE AND ENGINEERING	Centre of Excellence with Advance Tools & Equipment	Cyber Security, Data Science	UG / PG / PhD	Technical	645	52	15

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 : IC202013165
Trained Innovation Ambassadors at HEI	YES	Not Required
Participation in Smart India Hackathon (SIH)	Yes	Not Required
Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC	Yes	Not Required
Participation in National Education Alliance of Technology (NEAT)	Yes	Not Required

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

Srno	Name of Program (Full Name)	Program Theme	Program Type	Program Category	Organizing Department / Centre / Student Body Name	Program Start Date	Program End Date	Program Duration(in Days)	Program Location	Internal Participants (Student)	Internal Participants (Faculty)	External Participants (Student)	External Participants (Faculty)	Total Number of Participants	Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research?
1	Work Shop on Students Kart Design Challenge	Innovation	Workshop	Institute Lead Activity	Department of Mechanical Engineering, SMAE , SKDC	21-12-2019 00:00:00	22-12-2019 00:00:00	2	Within Campus	40	5	40	2	87	No	No
2	Innovation And Entrepreneurial Needs In 21st Century	Entrepreneurship/Startup	Workshop	Institute Lead Activity	MBA	17-08-2019 00:00:00	17-08-2019 00:00:00	1	Within Campus	138	42	23	2	205	<div>Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)</div> <div>5000</div>	No

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

Srno	Name of Program (Full Name)	Program Theme	Program Type	Organizing Agency / Institute Name	Organizing Agency Type	Program Start Date	Program End Date	Program Duration(in Days)	Participants (Students)	Participants (Faculty)	Total Number of Participants	Awards/Recognitions/Achievements	Award / Position / Recognition Secured	Title of Innovation / Start-up Secured the Award / Recognition	Had institute spent expenses either from own resource/ received fund towards sending delegation to participate / represent the activity / event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research
1	Design Thinking and Entrepreneurship	Innovation	Workshop	TASK ,Hyderabad.	Govt. Agency (State)	27-08-2019 00:00:00	27-08-2019 00:00:00	1	0	5	5	No	---	---	No	No
2	National level workshop on Entrepreneurship and property rights	Innovation	Training	RAMACHANDRA COLLEGE OF ENGINEERING	Educational Institute	04-11-2019 00:00:00	08-11-2019 00:00:00	5	0	1	1	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	Intellectual Property Rights	IPR	Elective/Core Credit Course	Credit Course (Compulsory)	Civil Engineering	04-12-2019	08-04-2020	127	Offline	64	65
2	Fundamentals of Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	Civil Engineering	10-06-2019	16-10-2019	129	Offline	23	45

3	Design Thinking	Innovation	Elective/Core Credit Course	Credit Course (Elective)	Civil Engineering	10-06-2019	16-10-2019	129	Offline	32	48
4	Intellectual Propert Rights	IPR	Elective/Core Credit Course	Credit Course (Compulsory)	ECE	04-12-2019	08-04-2020	127	Offline	238	68
5	Fundamentals of Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	ECE	10-06-2019	16-10-2019	129	Offline	112	74
6	Intellectual Proper Rights	IPR	Elective/Core Credit Course	Credit Course (Elective)	Mechanical Engineering	04-12-2019	08-04-2020	127	Offline	72	68
7	Fundamentals of Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	Mechanical Engineering	10-06-2019	16-10-2019	129	Offline	72	83
8	Design Thinking	Innovation	Elective/Core Credit Course	Credit Course (Elective)	Mechanical Engineering	04-12-2019	08-04-2020	127	Offline	72	68
9	Intellectual Property Rights	IPR	Elective/Core Credit Course	Credit Course (Compulsory)	Computer Science and Engineering	10-06-2019	16-10-2019	129	Offline	238	83
10	Fundamentals of Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	Computer Science and Engineering	10-06-2019	16-10-2019	129	Offline	238	78
11	Design Thinking	Innovation	Elective/Core Credit Course	Credit Course (Elective)	Computer Science and Engineering	04-12-2019	08-04-2020	127	Offline	238	72

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)

Smo	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.G.Suresh	ECE	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
	Innovation, IPR, Entrepreneurship, and Start-ups among HEIs	IPR, Entrepreneurship/Startup, Innovation	MDP in I&E, IPR	IIC, MHRD, New Delhi	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online

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	Innovata Club	Innovation Club	2018	Work Stations	Innovation Labs	2	N.Sadhasivam	sadhasivamn82@gmail.com	7639109780

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 Filled!

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)

No Data Filled!

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/Manag ement team Strength Engaged at the Facility	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by IPR Cell/Technology Transfer Centre?	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation/Start up/Venture Development and implementation during the Financial Year 2019-20?						
1	IPR Cell	2019	Pre-Incubation,Incuba tion Unit,Centre of Excellence with Advance Tools,Student Clubs	0	<table><tr><td>Facility Incharge Name</td><td>Dr.P.M allesham</td></tr><tr><td>Facility Incharge Email</td><td>mallesham.principal1955@gmail.com</td></tr><tr><td>Facility Incharge Phone</td><td>7993061683</td></tr></table>	Facility Incharge Name	Dr.P.M allesham	Facility Incharge Email	mallesham.principal1955@gmail.com	Facility Incharge Phone	7993061683	5	No	No	No
Facility Incharge Name	Dr.P.M allesham														
Facility Incharge Email	mallesham.principal1955@gmail.com														
Facility Incharge Phone	7993061683														

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

No Data Filled!

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 Convert ed 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	Detection of SPY Camera using Mobile Application	Process Innovation	Technol oical	Incubati on Cell	Stude nt	TRL 2 : Tech nolog y formu lation . Conc ept and applic ation have been formu lated.	TRL 2 : Tech nolog y formu lation . Conc ept and applic ation have been formu lated.	Innovati on Adopted and Implem ented at Ground	<table><tr><td>Agenc y Nam e</td><td>MIC</td></tr><tr><td>Agenc y Type</td><td>Gov t. Age ncy (Ce ntral)</td></tr><tr><td>Awar d / Positi on / Reco gnitio n Secu red</td><td>Lev el II</td></tr></table>	Agenc y Nam e	MIC	Agenc y Type	Gov t. Age ncy (Ce ntral)	Awar d / Positi on / Reco gnitio n Secu red	Lev el II	No	No	No	No																																																																
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<table><tr><th colspan="5">Name</th><th colspan="4">Type</th><th colspan="2">Gender</th><th colspan="2">Email</th><th>Contact</th></tr><tr><td colspan="5">Gella Harini</td><td colspan="4">Student</td><td colspan="2">Female</td><td colspan="2">gellaharini2000@gmail.com</td><td>9705623567</td></tr></table>														Name					Type				Gender		Email		Contact	Gella Harini					Student				Female		gellaharini2000@gmail.com		9705623567																																										
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<table><tr><th colspan="5">Name</th><th colspan="4">Type</th><th colspan="2">Gender</th><th colspan="2">Email</th><th>Contact</th></tr><tr><td colspan="5">G Bindu Bhargavi</td><td colspan="4">Student</td><td colspan="2">Female</td><td colspan="2">bindubhargavi004@gmail.com</td><td>8125383638</td></tr><tr><td colspan="5">G Sumanth</td><td colspan="4">Student</td><td colspan="2">Male</td><td colspan="2">sumanthganta.reddy@gmail.com</td><td>879020150</td></tr><tr><td colspan="5">K Harshitha</td><td colspan="4">Student</td><td colspan="2">Female</td><td colspan="2">harshikrosuri9@gmail.com</td><td>9701130909</td></tr><tr><td colspan="5">k Sanjay</td><td colspan="4">Student</td><td colspan="2">Male</td><td colspan="2">kamatam.sanjay@gmail.com</td><td>9100577871</td></tr></table>														Name					Type				Gender		Email		Contact	G Bindu Bhargavi					Student				Female		bindubhargavi004@gmail.com		8125383638	G Sumanth					Student				Male		sumanthganta.reddy@gmail.com		879020150	K Harshitha					Student				Female		harshikrosuri9@gmail.com		9701130909	k Sanjay					Student				Male		kamatam.sanjay@gmail.com		9100577871
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K Harshitha					Student				Female		harshikrosuri9@gmail.com		9701130909																																																																						
k Sanjay					Student				Male		kamatam.sanjay@gmail.com		9100577871																																																																						

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	METHOD OF LOAD DISTRIBUTION BALANCING FOR FOG CLOUD COMPUTING IN IOT ENVIRONMENT	201941044511	National	2019 - 11	NA
2	IPM-System:IOT Based Patient Monitoring System using BEAGLEBONE BLACK Wireless	201941037638	National	2019 - 09	Uploaded
3	An Energy Incentives Resource Allocation Scheme for a Cooperative Communication System	201941019144	National	2019 - 06	Uploaded
4	IDCC – Device: Intelligent Detect and Control Cybercrime Device	201941020775	National	2019 - 06	Uploaded
5	IDUC-Door Device: Intelligent Device for Unlocking Car Door	201941054689	National	2020 - 01	Uploaded
6	AN ENERY EFFICIENT INCENTIVES RESOURCE ALLOCATION SCHEME FOR A COOPERATIVE COMMUNICATION SYSTEM USING INTELLIGENT WATER	700247290	National	2019 - 05	Uploaded