



ARIIA

ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



MoE
Ministry of Education
Government of India

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

Institute Name: Meenakshi Sundararajan Engineering College [ARI-C-16480]

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	Department of Civil Engineering	Academic Department with lab facility	B.E. Civil Engineering	UG / PG / PhD	Technical	205	15	1
2	Department of Computer Science and Engineering	Academic Department with lab facility	B.E. Computer Science and Engineering	UG / PG / PhD	Technical	233	11	2
3	Department of Electronics and Communication Engineering	Academic Department with lab facility	B.E. Electronics and Communication Engineering	UG / PG / PhD	Technical	452	20	2
4	Department of Electrical and Electronics Engineering	Academic Department with lab facility	B.E. Electrical and Electronic Engineering	UG / PG / PhD	Technical	206	14	1
5	Department of Information Technology	Academic Department with lab facility	B.Tech Information Technology	UG / PG / PhD	Technical	227	11	0
6	Department of Mechanical Engineering	Academic Department with lab facility	B.E. Mechanical Engineering	UG / PG / PhD	Technical	229	14	6
7	Department of Civil Engineering	Academic Department with lab facility	M.E. Construction Engineering and Management	UG / PG / PhD	Technical	30	3	0

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 : IC202014113
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	Technopreneurship	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Department of Electronics and communication	14-12-2019 00:00:00	14-12-2019 00:00:00	1	Within Campus	115	4	0	0	119	No	No	
2	Buisness A nalysis : solving problem to become rich	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Meenaks hi Sundarar ajan Engineering College	21-09-2019 00:00:00	21-09-2019 00:00:00	1	Within Campus	41	8	0	0	49	No	No	
3	Development on Entrepreneur Skills	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Meenaks hi Sundarar ajan Engineering College	08-01-2020 00:00:00	08-01-2020 00:00:00	1	Within Campus	41	8	0	0	49	No	No	
4	Leadership Skills by Swami Vivekanda	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Department of Electrical and Electronics Engineering	10-01-2020 00:00:00	10-01-2020 00:00:00	1	Within Campus	165	9	0	0	174	No	No	
5	Young Scientists Convention	Innovation	Seminar	Institute Lead Activity	Department of Electrical and Electronics Engineering	14-03-2020 00:00:00	14-03-2020 00:00:00	1	Within Campus	165	9	0	0	174	No	No	
6	E-CUBE	Innovation	Ideation	Institute Lead Activity	Department of Electrical and Electronics Engineering	10-07-2019 00:00:00	11-07-2019 00:00:00	2	Within Campus	58	0	0	0	58	No	No	
7	National conference on Innovation in Information and Communication Technology	Innovation	Conference	Institute Lead Activity	Department of Information Technology	14-03-2020 00:00:00	14-03-2020 00:00:00	1	Within Campus	227	11	32	2	272	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	42809	No

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

8	National Conference on Urban Resilience to Climate Change	Innovation	Conference	Institute Lead Activity	Department of Civil Engineering	14-03-2020 00:00:00	14-03-2020 00:00:00	1	Within Campus	125	4	35	0	164	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	44492	No
9	Project Ideas in different domains	Innovation	Seminar	Institute Lead Activity	Department Of Computer Science And Engineering , Indian Society for Technical Education	08-07-2019 00:00:00	08-07-2019 00:00:00	1	Within Campus	147	12	0	0	159	No		No
10	Electric Mobility-Vehicles and future	Innovation	Seminar	Institute Lead Activity	SAE-INDIA	24-01-2020 00:00:00	24-01-2020 00:00:00	1	Outside Campus	63	2	0	0	65	No		No

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

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	ELECTRIC VEHICLE TECHNOLOGY	Innovation	Workshop	ANNA UNIVERSITY	Educational Institute	11-10-2019 00:00:00	12-10-2019 00:00:00	2	0	2	2	No	---	---	No	No
2	INTERNET OF THINGS	Innovation	Training	ASICTRON PRIVATE LIMITED	Corporate / Industry Association	30-11-2019 00:00:00	07-12-2019 00:00:00	8	6	0	6	No	---	---	No	No
3	INDUSTRIAL INTERNET OF THINGS	Innovation	Training	ASICTRON PRIVATE LIMITED	Corporate / Industry Association	03-06-2019 00:00:00	11-06-2019 00:00:00	9	10	0	10	No	---	---	No	No
4	TECHFEST	Innovation	Training	SSN COLLEGE OF ENGINEERING	Educational Institute	13-09-2019 00:00:00	14-09-2019 00:00:00	2	7	0	7	No	---	---	No	No

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

5	Digital Disruption	Innovation	Skill development	Cognizant Technology Solutions	Corporate/ Industry Association	21-11-2019 00:00:00	21-11-2019 00:00:00	1	0	1	1	No	---	---	No	No
6	Smart India Hackathon	Innovation	Innovation Contest	MHRD	Govt. Agency (Central)	10-02-2020 00:00:00	10-02-2020 00:00:00	1	20	0	20	No	---	---	No	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

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	Electro Technocrats Association	Innovation Club	2005	Co-working Space, Work Stations	Pre-Incubation Unit	3	R Rajsurya	rajsurya73@gmail.com	8248472704

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?
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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)

1	ENTREPRENEUR CELL	EDC	2016	Co-working Space, Work Stations	Student Clubs	Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>MR S BALASUBRAMANIAN</td> </tr> <tr> <td>Facility Incharge Email</td> <td>paulbala79@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9840534471</td> </tr> </table>	Facility Incharge Name	MR S BALASUBRAMANIAN	Facility Incharge Email	paulbala79@gmail.com	Facility Incharge Phone	9840534471	10	No	No	No
Facility Incharge Name	MR S BALASUBRAMANIAN																
Facility Incharge Email	paulbala79@gmail.com																
Facility Incharge Phone	9840534471																

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

No Data Filled!

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

No Data Filled!

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 and composition for reducing emission from a compression ignition engine and enhancing performance	202041025613	National	2019 - 07	Uploaded

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. P. K. Suresh (Head of Institute) and Mrs. Siji Sivanandan (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

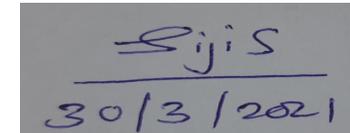
Thank you

The Head of Institute



Dr. P. K. Suresh
Head of the Institution,
Chennai, Tamil Nadu

Nodal officer



Mrs. Siji Sivanandan
Nodal Officer,
Chennai, Tamil Nadu