



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: Sinhgad Technical Education Society-Sinhgad Institute of Technology Loanavala [ARI-C-41599]

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	IPR Cell	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Intellectual Property	At all level	Technical	10	8	0
2	Computer Engineering	Academic Department with lab facility	Computer Engineering	UG / PG / PhD	Technical	540	32	5
3	Electronics and Telecommunication Engineering	Academic Department with lab facility	Electronics and Telecommunication Engineering	UG / PG / PhD	Technical	320	28	5
4	Mechanical Engineering	Academic Department with lab facility	Mechanical Engineering	UG / PG / PhD	Technical	720	50	14
5	Information Technology	Academic Department with lab facility	Information Technology	UG / PG / PhD	Technical	191	11	4
6	Electrical Engineering	Academic Department with lab facility	Electrical Engineering	UG / PG / PhD	Technical	210	14	3
7	Research Unit	Research Unit / Park	Research Unit / Park	Not Allowed	Not Allowed	0	0	0
8	Incubation Unit	Incubation Unit	Incubation Unit	Not Allowed	Not Allowed	0	0	0
9	Pre-incubation Unit	Pre-incubation unit	Pre-incubation Unit	Not Allowed	Not Allowed	0	0	0
10	Industry Institute Interface Unit	Industry Institute Interface Unit	Industry Institute Interface Unit	Not Allowed	Not Allowed	0	0	0
11	Center of Excellence with Advance Tools and Equipment	Centre of Excellence with Advance Tools & Equipment	Center of Excellence with Advance Tools and Equipment	Not Allowed	Not Allowed	0	0	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 : IC201912236

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)	No	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**No Data Filled!****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****No Data Filled!****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)****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

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

Srno	Title/Name of IP(Copyright & Designs Only)	Type of IP(Copyright & Designs Only)	IP(Copyright & Designs Only) Registration Number of Copyright/Design	Application Level	Date of Copyright / Design IP Filed/ Published (Year, Month)	Copy of receipt / application screenshot [PDF or Image]	Current Status of IP(Copyright & Designs Only) as on 31st March 2020	Has this IP(Copyright & Designs Only) been Commercialized/Transferred to Industry/Startup/Society?																		
1	Construction of Context Free Grammar from Push Down Automata	IPRFiledPublished	L-88137/2019	National	2019 - 12	Uploaded	Granted	No																		
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="9">Department/Centre Name</th> </tr> </thead> <tbody> <tr> <td colspan="9">Computer Engineering</td> </tr> </tbody> </table>									Department/Centre Name									Computer Engineering								
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Computer Engineering																										

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]
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1	SYSTEM TO ALARM FRESHWATER CONTAMINATION BASED ON INTELLIGENT DEVICE WITH IOT-BASED MULTICAST ROUTING	201921045885	National	2019 - 12	Uploaded
2	Cloud seeding kite	201921052836	National	2019 - 12	Uploaded
3	Solar operated water cum air cooler	201921052887	National	2019 - 12	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. Manikrao S. Gaikwad (Head of Institute) and Mr. Nishant Nilkanth Pachpor (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

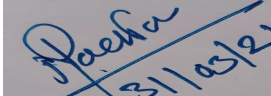
The Head of Institute



31/03/2021

Dr. Manikrao S. Gaikwad
Head of the Institution,
PUNE, Maharashtra

Nodal officer



31/03/21

Mr. Nishant Nilkanth Pachpor
Nodal Officer,
PUNE, Maharashtra