



## N. B. NAVALE SINHGAD COLLEGE OF ENGINEERING [ ARI-C-15716 ][ C-15716 ]

### Section 1: Policy And Institutionalization Of I&E Activities In HEIs (Academic Calendar Year 2020-21 & 2021-22)

#### 1.1) Adoption Level of Innovation and Entrepreneurship (I&E) Policy in HEIs: Registration; Policy Formulation; Policy Implementation

Completion of Action Items (status as on 7th November 2022 )	Status
Registered in the NISP portal for I&E Policy Adoption	Yes
Institute has Formulated an Innovation and Entrepreneurship (I&E) Policy	Yes
Institute has Action Plans for Implementation of the I&E Policy	No

#### Contact:

Faculty Name:	Mr. Sunil Shivaputra Shakhapure
Designation:	Assistant Professor
Email ID:	sunil.shakhapure@gmail.com
Mobile No.	9552506700

## 1.2) Performance Level of Institution's Innovation Councils (IICs) Established in HEIs: Scores and Stars Obtained

Annual Performances of IIC Institute	Stars Secured
IIC 1.0 (2018-19)	1,2,3
IIC 2.0 (2019-20)	4.5
IIC 3.0 (2020-21)	3.5
IIC 4.0 (2021-22)	3

### Contact:

IIC President of the Institute:	Shrikant T. Jagtap
Designation:	Associate Professor
Email ID:	shri2331@yahoo.com
Mobile No.	8007073945

## 1.3) Activeness of Trained Innovation Ambassadors in Driving Campus I&E Ecosystems in HEIs: Trained IA/HEI and Nos of Prescribed Activities undertaken by IA

Sr. No.	Name of the Faculty IA	Level of Training	No of I&E Expert Talks/Sessions Conducted
1	Mudassar Naikwadi	Advance	1
2	Shrikant T. Jagtap	Basic	2
3	Prof. Ms. Gulnaz T. Thakur	Basic	0

Sr. No.	Name of the Faculty IA	Level of Training	No of I&E Expert Talks/Sessions Conducted
4	Gulnaj Ismail Patel	Basic	0

#### 1.4) Participation in KAPILA/SIH Program

HEI Registered in the KAPILA Portal	C-15716	Yes
HEI Participated in the Smart India Hackathon (2022)	C-15716	Yes

## Section 2: Teaching and Learning: Academic Programs related to Innovation and Entrepreneurship (I&E) Offered by the HEI

#### 2.1) Academic Courses in Innovation, Entrepreneurship and IPR

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery
1	Entrepreneurship Development	ME 4152	2020-21	Elective Course	Bachelor	Mechanical Engineering	4	01-07-2020 00:00:00	30-06-2021 00:00:00	365	40	Blended Mode

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery
2	Entrepreneurship Development	ME 4153	2021-22	Elective Course	Bachelor	Mechanical Engineering Department	4	01-07-2021 00:00:00	30-06-2022 00:00:00	365	40	Offline

## 2.2) Non-Academic Courses in Innovation, Entrepreneurship and IPR

Srno	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP/EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery	Total Beneficiaries Under Certificate
No Data Found											

## Section 3: Pre-Incubation and Incubation Infrastructure & Facilities are Currently in Operation to Promote I&E Agenda (AY 2020-21 & 2021-22)

### 3.1) Existence of Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Cell/Startup Cell) (>= 600 Sq. Ft. Floor Area)

Sr. No.	Type of the Unit	Name of Unit	In-charge Name	Contact no	Email	Govt. Schemes
1	Innovation Cell	Center for Cloud Physics Research	Dr. Pradeep Tapkire	976789051	pptapkire.nbnscoe@sinhgad.edu	Mentoring Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development)

### 3.2) Existence of Incubation Facility (>= 1500 Sq. Ft. Floor Area)

Sr. No.	Name of Unit	In-charge Name	Contact no	Email	Govt. Schemes
1	Center for Research and Technological Development	Dr. Jyoti Nadargi	988140227	guravjyoti@gmail.com	Own Resource

### 3.3) Existence of IPR Cell / Patent Facilitation Unit / Technology Transfer Centre at the institute

Sr. No.	Type of the Unit	Name of Unit	In-charge Name	Contact no	Email	Govt. Schemes
No Data Found						

## Section 4: Generation and Support of Prototypes / Innovations at HEI and Recognition received (AY 2020-21 & 2021-22)

#### 4) Total no. of Innovations (Verified and Recommended) in Different TRLs (4-9) are Recorded in the YUKTI National Innovation Repository of the IIC Institute ( Status as on 7th November 2022 )

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
1	Suggest an improvised way of tackling the issue of creating a consistent supply chain to augment the use of Biofuels.	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Shivanjali Shriram Shinde	Student		shindeshivanjali1213@gmail.com
2	Development of ADIP-CI Post-operative rehabilitation details software.	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Samiya khan	Student		2003samiyakhan@gmail.com

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email
3	Women's Safety Suit	Academic Requirement/Study Project	2021-22	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale	Ankita Rote	Student		ankitarote121@gmail.com

## Section 5: Start-ups/Ventures Established and Supported at HEI and & Recognitions Received (AY 2020-21 & 2021-22)

### 5) Total no of Ventures/Startups (Verified and Recommended) are Recorded in the YUKTI National Innovation Repository of the IIC Institute (Status as on 7th November 2022 )

Sr. No.	Startup/Venture Name	Startup/Venture Registered as	CIN No/LLP/OPC/RC No	GST No	FY of Establishment	Startup/Venture Recognized by DPIIT/Startup India	FY of Started Receiving Support from the Incubation unit at the Institute	Team Lead/Founder Name	Current Engagem of Team lead/Fou in Institu
No Data Found									

## Section 6: Collaboration with Other Incubation Units, HEIs and Industry Associations to Strengthen Better Services and Support to Innovation & Startups at HEI (AY 2020-21 & 2021-22)



## 6) Collaboration with Other Incubation Units, HEIs and Industry Associations to Strengthen Better Services and Support to Innovation & Startups at HEI (AY 2020-21 & 2021-22)

Sr. No.	Collaborated Agency Name	Collaborated Agency Type	Period of Collaboration (No. of Years)	Current Status of Collaboration	Date of MOU / Agreement Signed on	View
1	Maharashtra Chamber of Commerce, Industry & Agriculture	Govt. Agency (State)	5	Active	03-03-2021	<a href="#">View (/Uploads/Institute/ARI-C-15716/2021-22/Collabor.</a>
2	Quantum Learning	Corporate/Industry Association	1	Inactive	19-03-2021	<a href="#">View (/Uploads/Institute/ARI-C-15716/2021-22/Collabor.</a>
3	Mangalwedhe Mines Pvt, Ltd. Mangalwedha	Corporate/Industry Association	5	Active	16-07-2021	<a href="#">View (/Uploads/Institute/ARI-C-15716/2021-22/Collabor.</a>
4	Aon Consulting Private Limited	Corporate/Industry Association	3	Active	01-10-2020	<a href="#">View (/Uploads/Institute/ARI-C-15716/2021-22/Collabor.</a>
5	Conduira Education and Training Services Private Limited	Corporate/Industry Association	2	Active	29-03-2022	<a href="#">View (/Uploads/Institute/ARI-C-15716/2021-22/Collabor.</a>

Sr. No.	Collaborated Agency Name	Collaborated Agency Type	Period of Collaboration (No. of Years)	Current Status of Collaboration	Date of MOU / Agreement Signed on	View
6	Ekeeda Private Limited	Corporate/Industry Association	2	Active	30-04-2022	<a href="#">View (/Uploads/Institute/ARI-C-15716/2021-22/Collabor.</a>
7	Kalpataru Construction and Consultancy, in association with CSRDF Pune	Corporate/Industry Association	2	Active	09-02-2022	<a href="#">View (/Uploads/Institute/ARI-C-15716/2021-22/Collabor.</a>
8	M/s Mitcon Consultancy and Engineering Service Limited	Corporate/Industry Association	3	Active	03-03-2021	<a href="#">View (/Uploads/Institute/ARI-C-15716/2021-22/Collabor.</a>

## Section 7: Intellectually Property (IP) Generated and Commercialization

### 7.1) IPR Filed and Published (Copyrights & Design only)

Sr. No.	Title/Name of IP (Copyright/Design Only)	Type of IP	IP Registration Number of Copyright/Design	Date of Filed/Published	Has this IP(Copyright & Designs Only) been Commercialized/Transferred to Industry/Startup/Society?
No Data Found					

### 7.2) Patents Filed by HEI

Sr. No.	Title/Name of Patent	IP Registration Number	Date of Filed/Published
No Data Found			

### 7.3) Patent Published / Granted Data

Sr. No.	Patent Registration Application No	Patent Title	Patent Application Date	Status of Patent Applications	Patent Published / Granted Calendar Year	Institute applied the Patent as	View
No Data Found							

**7.4) IP Commercialized and Transferred to Industry/Startup**

<b>Sr. No.</b>	<b>Name of Technology Licenced/Transferred/Commercialized</b>	<b>Technology Type</b>	<b>Patent/Licence Holder name (Institute Co-ownership is Must)</b>	<b>Technology Transferred to</b>	<b>Name of Licensee</b>	<b>Date of Transferred Technology</b>
No Data Found						

# Declaration

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

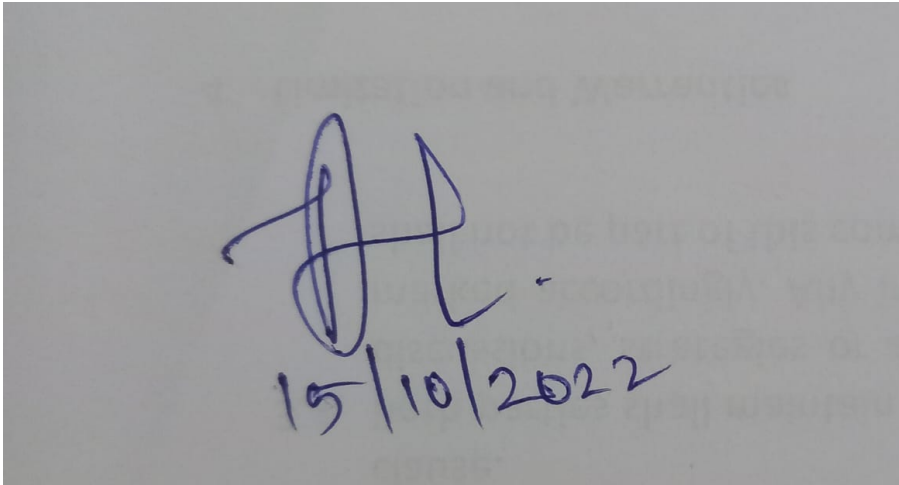
## Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself **Dr. S. D. Nawale** (Head of Institute) and **Mr. Mudassar Husain Naikwadi** (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

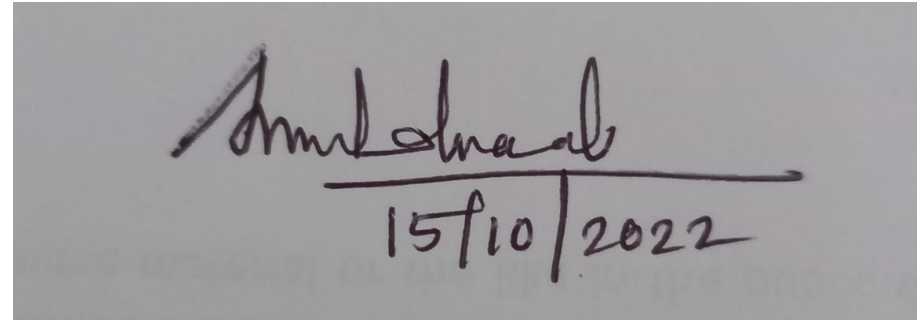
Thank you

The Head of Institute

A photograph of a handwritten signature in blue ink on a light-colored background. The signature is stylized and appears to be 'S. D. Nawale'. Below the signature, the date '15/10/2022' is written in the same ink.

Dr. S. D. Nawale,  
Head of the Institution,

Nodal officer

A photograph of a handwritten signature in black ink on a light-colored background. The signature is 'Mudassar Naikwadi'. Below the signature, the date '15/10/2022' is written in the same ink.

Mr. Mudassar Husain Naikwadi,  
Nodal Officer,  
N. B. NAVALE SINHGAD COLLEGE OF ENGINEERING,  
SOLAPUR, Maharashtra

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SOLAPUR, Maharashtra