



# Kolhapur Institute of Technology`s College of Engineering (Autonomous) [ ARI-C-10996 ][ C-10996 ]

## 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	Yes

#### Contact:

Faculty Name:	Dr. Girish R. Naik
Designation:	Professor
Email ID:	naik.girish@kitcoek.in
Mobile No.	9850044388

### 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
IIC 2.0 (2019-20)	1
IIC 3.0 (2020-21)	4
IIC 4.0 (2021-22)	0 ( On Progress )

#### Contact:

IIC President of the Institute:	Dr. Sachin S. Shinde
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Designation:	Associate Professor,
Email ID:	sachinshindekit@gmail.com
Mobile No.	9049506311

### 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	Mrs. M. N. Sarnobbat	Advance	4
2	Mrs. Shivani S. Kale	Advance	1
3	Rashmi B. Shankargouda	Advance	2
4	M DARRUR	Basic	0
5	Sneha Patnawar	Basic	0
6	Gaurav Thakur	Basic	0
7	PRAKASH CHAVAN	Advance	1
8	Mrs. Sneha T Patnawar	Advance	1
9	Amit Vaidya	Basic	0
10	Mr. Atul Nigavekar	Basic	0
11	Pramod Jadhav	Basic	0
12	Uday Patil	Basic	0
13	Rohit Pawar	Basic	0

### 1.4) Participation in KAPILA/SIH Program

HEI Registered in the KAPILA Portal	C-10996	Yes
HEI Participated in the Smart India Hackathon (2022)	C-10996	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
1	Entrepreneurship Development - II	UPRD 0624	2021-22	Elective Course	Bachelor	Production Engineering Department	3	18-01-2022 00:00:00
2	Entrepreneurship Development - I	UPRD 0524	2021-22	Elective Course	Bachelor	Production Engineering	3	24-08-2021 00:00:00

### 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
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)

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Sr. No.	Type of the Unit	Name of the Unit	In-charge Name	Contact no	Email	Govt. Schemes
1	IEDC	IEDC	Ms. Vidula Waskar	9860397530	waskar.vidula@kitcoek.in	Govt. Schemes Mentoring Support,Seed Grant Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development),Incubation Facility Support (Innovative Business Model to Startup and Market Linkage & Growth Stage)
2	AICTE-IDEALab	MAYURA AICTE IDEA LAB	Dr. Shivling M. Pise	9423041428	pise.shivling@kitcoek.in	Mentoring Support,Seed Grant Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development),Incubation Facility Support (Innovative Business Model to Startup and Market Linkage & Growth Stage)

### 3.2) Existence of Incubation Facility ( $\geq$ 1500 Sq. Ft. Floor Area)

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

### 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
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Sr. No.	Type of the Unit	Name of Unit	In-charge Name	Contact no	Email	Govt. Schemes
1	IPR Cell	IPR Cell	Dr. Rajesh Jorgewad	9923957189	rajeshgudmalwar001@gmail.com	Mentoring Support, Seed Grant Support, Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development), Incubation Facility Support (Innovative Business Model to Startup and Market Linkage & Growth Stage)

## 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
1	OFF GRID PV SYSTEM WITH PWM INVERTER	Academic Requirement/Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	Kaumudi Nangarepatil	Student

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
2	ExperiAR: MY ARBOOK	Independent Assignment/Non-academic Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	Samruddhi Phutane	Student
3	Food For All	Independent Assignment/Non-academic Study Project	2021-22	TRL 5 : Large scale prototype tested in intended environment	Harnish Savsani	Student
4	Use of waste plastic and fly ash in pavement blocks	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Prajwal Vishwanath Nikam	Student
5	Green Potlite	Academic Research Assignment/Industry Sponsored Project	2020-21	TRL 5 : Large scale prototype tested in intended environment	Eesha Narendra Joshi	Student

## 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/Recognized DPIIT/Startup India
1	WAVENXD TECHNOLOGIES PRIVATE LIMITED	Private Limited Firm (Pvt. Ltd.)	U72900PN2022PTC208123	null	2021-22	Yes

## 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	COEP's Bhau Institute of Innovation, Entrepreneurship & Leadership	Incubation Unit	2	Active	22-03-2021	<a href="#">View (/)</a>
2	NETRARIT Foundation RIT-TBI (NRiT)	Incubation Unit	3	Active	01-12-2021	<a href="#">View (/)</a>
3	Electronica Mechatronic Systems India	Corporate/Industry Association	3	Active	09-02-2021	<a href="#">View (/)</a>
4	Precision Automation and Robotics India (PARI), Satara	Corporate/Industry Association	3	Active	07-11-2020	<a href="#">View (/)</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
5	Chaing Mai University Thailand	Educational Institute	5	Active	22-03-2022	<a href="#">View (/)</a>
6	National Highway Authority of INDIA ( NHAI)	Govt. Agency (State)	5	Active	09-10-2020	<a href="#">View (/)</a>
7	M/S GSYK Foundation	Knowledge/Mentoring Agency	3	Active	30-05-2020	<a href="#">View (/)</a>
8	M/S Enviro Policy Research India Pvt. Ltd.	Non Govt. Agency	3	Active	18-06-2021	<a href="#">View (/)</a>
9	iSERA Biologicals Pvt. Ltd.	Corporate/Industry Association	5	Active	13-11-2021	<a href="#">View (/)</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?
1	Gear Oil Analyzing System	Design	360574-001	14-03-2022	Yes

### 7.2) Patents Filed by HEI

Sr. No.	Title/Name of Patent	IP Registration Number	Date of Filed/Published
1	Antimicrobial Suffocation-Free Breathing Mask	20212104186A	16-09-2021



### 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
1	202121032485	A BLOCKCHAIN TECHNOLOGY-BASED METHOD FOR STOCKMARKET ANALYSIS AND TRANSACTIONS	19-07-2021	Published	2021		
2	201821047989 A	Identification of an Ideal Structure for Water Conservation in Rural Areas Using SWAT Model	18-12-2018	Published	2019		

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

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



# Declaration

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

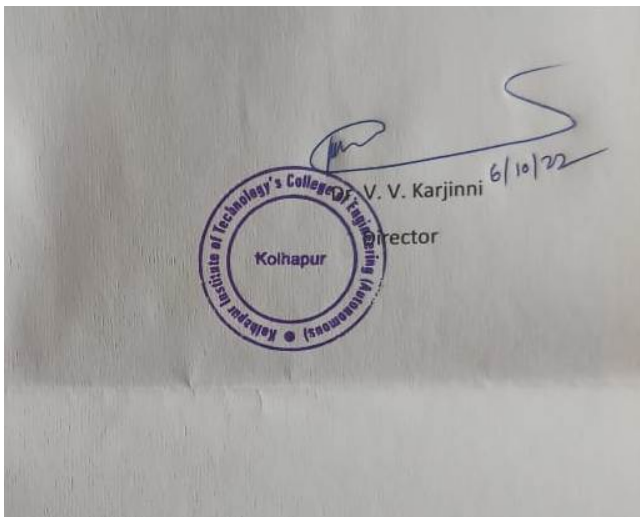
## Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself **Dr. VILAS VIJAY KARJINNI** (Head of Institute) and **Dr. SACHIN SHRAVAN SHINDE** (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. VILAS VIJAY KARJINNI,  
Head of the Institution,  
Kolhapur Institute of Technology's College of  
Engineering (Autonomous),  
KOLHAPUR, Maharashtra

Nodal officer



Dr. SACHIN SHRAVAN SHINDE,  
Nodal Officer,  
Kolhapur Institute of Technology's College of  
Engineering (Autonomous),  
KOLHAPUR, Maharashtra