## Modern Education Society's College of Engineering, Pune Institution's Innovation Council (IIC MESCOE) Closure Report for Academic Year 2020-21

#### Brief background...

#### About Ministry of Human Resource Development's Innovation Council (MIC)

Ministry of Human Resource Development (MHRD), Govt. of India has established 'MHRD's Innovation Cell (MIC)' to systematically foster the culture of Innovation among all Higher Education Institutions (HEIs). The primary mandate of MIC is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes while they are in their formative years.

#### About IIC-MESCOE

The Institution's Innovation Council of Modern Education Society's College of Engineering (IIC MESCOE) has been established on 22<sup>nd</sup> October 2020. At present there are 55 staff and 63 students who are active members of IIC. These members are actively coordinating and organizing multiple activities for the benefit of all the students of MESCOE. MIC has divided the complete academic year into 4 quarters.

#### **Objectives of formation of IIC-MESCOE** </br>

- 1. ATAL Innovation Ranking (ARIIA) </br>
- 2. NIRF Ranking</br>
- 3. IIC Ranking</br>
- 4. Funding to potential startups by MIC (Ministry of Education's Innovation Council) </br>
- 5. Motivation to students to become entrepreneurs</br>
- 6. Internship opportunities at startups to students </br>
- 7. Educate students regarding the IPR process and its importance</br>
- 8. To conduct various Innovation, IPR and entrepreneurship-related activities prescribed by Central MIC in time bound fashion. </br>
- Organize periodic workshops/ seminars/ interactions with entrepreneurs, investors, professionals and create a mentor pool for student innovators.
   </br>
- 10.Organize Hackathons, idea competition, mini-challenges etc. with the involvement of industries. </br>

#### **IIC-MESCOE** Team

Sr. No.	Category	Name of Coordinator	
1	President	Dr. (Mrs.) Nuzhat F. Shaikh (Comp)	
2	Vice President	Dr. Manisha P. Dale (E&TC)	
3	Convenor	Dr. A. C. Mitra (Mech)	
4	Social Media	Mr. S. R. Kandharkar (Mech)	
5	Startup Activity Coordinator	Dr. (Miss) R. M. Wahul (Comp)	
6	Innovation Activity Coordinator	Dr. (Mrs.) J. R. Pansare (Comp)	
7	Internship Activity Coordinator	Dr. R. N. Yerrawar (Mech)	
8	IPR Activity Coordinator -	Dr. P. N. Kota (E&TC)	
9	ARIIA Activity Coordinator	Dr. M. P. Dale (E&TC)	
10	NIRF Activity Coordinator	Dr. S. K. Wagh (Comp)	

Extern	al Members from Industry		Area of Association
1.	Dr. Pramod Dhembare	Fidelity Diagnostics Private Limited	Bank/Investor
2.	Mr. Swapnil M. Sanap	Khurana & Khurana, Advocates and IP Attorneys	Patent expert
3.	Mr. Ajay Garg	DASHA KRIT TECHNOLOGIES PVT LTD	Industry/Industry association/ Ecosystem Enablers
4.	Mr. Jasveer Jethra	Sense it Out	Innovation/Start up
5.	Mr Sachin Murgunde	Technext	Startup/ Alumni Enterpreneur

#### Outcomes achieved till date after formation of IIC-MESCOE in 8 months

- 1. IIC-MESCoE has got a 2 STAR RANKING (on a scale of 2.5) by Ministry of Education's Innovation Council for the first 2 quarters of 2020-21.
- 2. Better association with Alumni who are successful as Entrepreneurs.
- 3. A step towards helping build the ecosystem of startups and innovation.
- 4. A team of TE Computer Students, lead by Mr. Tanmay Jagtap, have turned entrepreneurs and have established their startup debugged.exe.

- 5. 97 Students (Comp-62, Mech-29, ETc-06) from all the 3 departments are currently pursuing internships at various startups and other organizations.
- 6. One of our student, Mr. Shrenik Mutha from E&TC, has secured the third rank at the National Level in the Bizchamp Premier League organized by a Bangalore based organization.
- 7. 2 Winner teams from the MESCOE IDEATHON Competition had been selected for I to E competition and Bootcamp organized by CIIL, SPPU.
- 8. 9 faculty members (Comp-4,Mech-4,E&TC-1) have completed the Innovation Ambassador training program organized by Ministry of Education's Innovation Council and have been registered as Innovation Ambassador on the MoE's Portal
- 9. Registered and completed the procedure for NIRF Ranking.
- **10.Registered and completed the procedure for ARIIA Ranking.**

IIC MESCOE has successfully organized the following activities spread across the 4 quarters of Academic Year 2020-21 (ending on 31<sup>st</sup> July 2021)

Sr.	IIC Calendar/Self Driven	No of Activities	Department wise SDA
No.	Activity	conducted	Activities
1.	Entrepreneurship & Startup	18	Comp – 9
			E&TC- Nil
			Mech-1
			FE - Nil
2.	Innovation	14	Comp – 4
			E&TC- 2
			Mech-1
			FE - Nil
3.	IPR	4	
4.	Internship	8	Comp –2
			E&TC-1
			Mech-2
			FE-Nil
5.	ARIIA	1	
6.	NIRF	1	
7.	MIC Driven	3	

Sr. No.	Activity	Speaker	Speaker Information
1.	My Story - Motivational Session by Successful Innovators	Mr. Digambar Harishchandre	Founder, Harish Solar Solutions
2.	Expert Talk on Project Management and Product Ownership	Mr. Abhinav Kamble	Founder and CEO, SOLable.in
3.	Medical Image And Artificial Intelligence : Opportunity for Entrepreneurs	Dr. Vijay Mane	Domain Expert and Professor, VIT, Pune
4.	LaTeX : A Tool for Writing Research Reports on Innovation	Ms. Shubhangi Ingale	Expert & Faculty, MESCoE
5.	Expert Talk on Idea Validation and Basic Market Research	Mr. Bhushan Gaikwad	Founder, EngineersConnect
6.	PHP Scripting through the lens of Entrepreneurship	Mr. Akshay Chorge	Founder and CEO, Softy Inc
7.	Financial Tips for Entrepreneurs Launching a Startup	Mr. Abhishek Kar	Co-Founder, Abhishek Kar's Academy
8.	Problem Solving and Ideation Workshop	Mrs. Kriya Doshi	Founder, Think Young
9.	Technology commercialization through innovation for enterprenurship	Dr. N. S. More	Scientific Officer NPCIL, Mumbai
10.	Workshop on Phases of Entrepreneurship Development	Dr. Kavita Saxena & Dr. Satya Ranjan Acharya	Faculty, EDII, Ahmedaba

11.	Fireside chat About Indian Startup Ecosystem In & out, secrets of startups	Mr. Mahavir Pratap Sharma	Chairman, RAIN
12.	Challenges and Preparation for Changing Era	Mr. Sunil Chore	Country Head, IndiaSoft Technologies
13.	ABCE: Any Body can Become An Entrepreneur! The Myth!!	Mrs. Tabish Bibikar	Founding Director, Expandus Business Coaching Pvt. Ltd
14.	Orientation Session by Innovation Ambassador	Mr. Ismail Akbani	Head, Innovation SCEI & Entrepreneurship & Innovation Cell, SIT Pune
15.	Workshop on "Entrepreneurship and Innovation as Career Opportunity"	1.Mr. Pandole 2.Mr. Garg	1.Founder, Intellegre (Alumni E&TC MESCOE) 2.Dasha Krit Technologies Pvt. Ltd.
16.	Workshop on "MATLAB and Simulink and it's Application in Engineering Research"	Mr. Milind Khanderao	
17.	Workshop on "Machine Learning and Deep Learning and it's Application in Engineering Research"	Mr. Suraj Gawande	
18.	Session on "ENTREPRENEURSHIP ON INNOVATIVE TECHNOLOGIES"	Mr. V T. Kairamkonda	Electrical Engineer, Specialization-Control & Protection
19.	Idea/ PoC pitching & validation and Institute level PoC competition. Submission of Idea/PoC on IIC Portal		

20.	MESCOE IDEATHON 2021(Phase II)		
21.	Webinar on "BEFORE YOU GET OUT OF COLLEGE"	Mr. Amol Relkar	Head, Product Development, Greaves Cotton Limited.
22.	Webinar on "Design Thinking for Innovation"	Mr. Basavaraj Hooli	
23.	Webinar on "Techniques for Writing Innovative Research Paper"	Mr. M. N. Tibdewal	
24.	Activity Details	Speaker Details	
25.	Webinar on "Identifying Intellectual Property Component at the early stage of Innovation"	Mr. Swapnil M. Sanap.	Registered Patent Agent (India).
26.	Webinar on "Intellectual Property and Patent Life Cycle"	Adv. Anand Mahurkar	Registered Patent Agent (India).
27.	Two days Workshop on "Intellectual Property Rights and IP Management for startup (Journey from Patentable Idea to Startup)".	<ol> <li>Mr. Prafulla Wange a registered patent agent</li> <li>Dr. Gouri Gargate,</li> <li>Dr.Virendra Bhojwani,</li> </ol>	<ol> <li>Registered Patent Agent (India).</li> <li>IIT Kharagpur, NPTEL and Swayam Speaker</li> <li>MIT, ADT Pune</li> </ol>
28.	My Story - Motivational Session by Successful Entrepreneur/Startup founder.	Mr. Sachin Murgunde	Founder and Managing Director, Technex Harvestgrid Pvt Ltd
29.	Internship drive on "Android Game Development with Unity 3D"	CYPHER,Pune	

30.	Webinar on "Internship opportunities in EV and other thrust area of mechanical engineering"	Mr. Vikas Sharma,	Assistant Manager, Imperial Society of Innovative Engineers, Noida
31.	Webinar on "How to plan for startup and legal & Ethical step"	Mr.Vishal C Chandegave,	Deputy Commissioner of State GST,Pune
32.	Internships at StartUp	Mr. Tanmay Jagtap & Miss. Ankita Zadoo (Present students of Comp, MESCOE)	1. debugged.exe 2. Sharva Foundation
33.	Orientation Session On Insights Of NIRF & ARIIA Ranking On 15th Dec. 2020.	Dr. Thepade	Professor, PCCOE
34.	Orientation Session On National Innovation And Startup Policy (NISP) On 18th Dec. 2020.	Dr. Bhavna Ambudkar	Professor, DYPIT
35.	Prototype Validation- Converting Prototype into a Startup	Dr. Suhas Deshmukh	Government College of Engineering, Karad
36.	Workshop on Prototype/Process Design and Development- Prototyping.	Dr. Suhas Deshmukh	Government College of Engineering, Karad
37.	Session on Building an Innovation or product fit for market	Dr. Yogesh Bramhankar	SIBM, Pune Head Incubation, SCEI.
38.	Webinar On " Importance of Basic Maths Concepts in Problem Solving in Real Life and Innovation"	Mr. Hrushikesh Kulkarni	E&TC Alumni 2008

39.	Webinar on Innovation in Gamification	Mr. Sandeep Athawale	Chief Mentor in EduGame Lab at TCS, Ph. D. in Game Design
40.	From your Ph.D./ Masters Thesis to a start- up	<ol> <li>Dr. Anand Deshpande</li> <li>Dr. A. D.</li> <li>Sahashrabuddhe</li> </ol>	<ol> <li>Chairman and MD</li> <li>Persistent Systems</li> <li>Chairman, AICTE</li> </ol>
41.	Why IP is important in academia	1.Dr. Abhay Jere 2.Dr. Mohit Gambhir	1.Chief Innovation Officer, MoE Innovation Cell 2.Innovation Director, MoE Innovation Cell
42.	Session on Angel Investment/VC Funding Opportunity for early stage entrepreneurs	Dr. Shilpa Kankonkar	Associate Professor, Neville Wadia Institute of Management & Research.
43.	Business Model Canvas	Mr. Arjun Panchal	Founder & CEO, PapaZapata
44.	Awareness Session in Internships for Mechanical Engineering	Dr. S. K. Wagh Dr. Amit Patil	Faculty, MESCOE
45.	Awareness Session in Internships for Computer Engineering	Dr. S. K. Wagh Mrs. S. P. Deore	Faculty, MESCOE
46.	Awareness Session in Internships for E&TC Engineering	Dr. S. K. Wagh Prof S S Pansare	Faculty, MESCOE

#### Follow us on

- Facebook: <u>https://www.facebook.com/mescoe.iic</u>
- Instagram:<u>https://www.instagram.com/mescoe.iic</u>
- Twitter: <u>https://twitter.com/mescoe\_iic</u>
- YouTube: https://www.youtube.com/iic\_mescoe

#### Glimpses of a few activities organized by IIC MESCOE

MHRD'S INNOVATION CELL (GOVERNMENT OF INDIA)







## Modern Education Society's College of Engineering,

#### Pune

ACCREDITED BY NBA & NAAC WITH GRADE 'A' Affiliated to Savitribai Phule Pune University, Approved by AICTE

#### Organizes Webinar on "My Story - Motivational Session by Successful Entrepreneur"



By

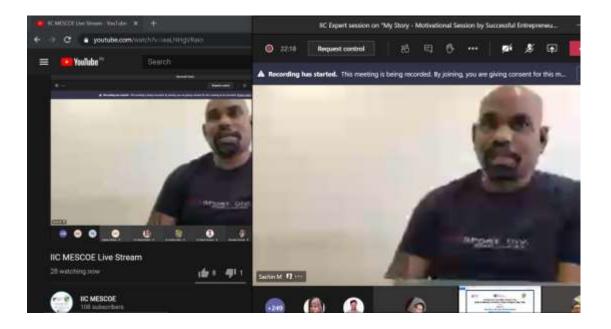
Sachin Murgunde, Founder & Managing Director, TechNex Harvestgrid Private Limited Pune, Maharashtra.

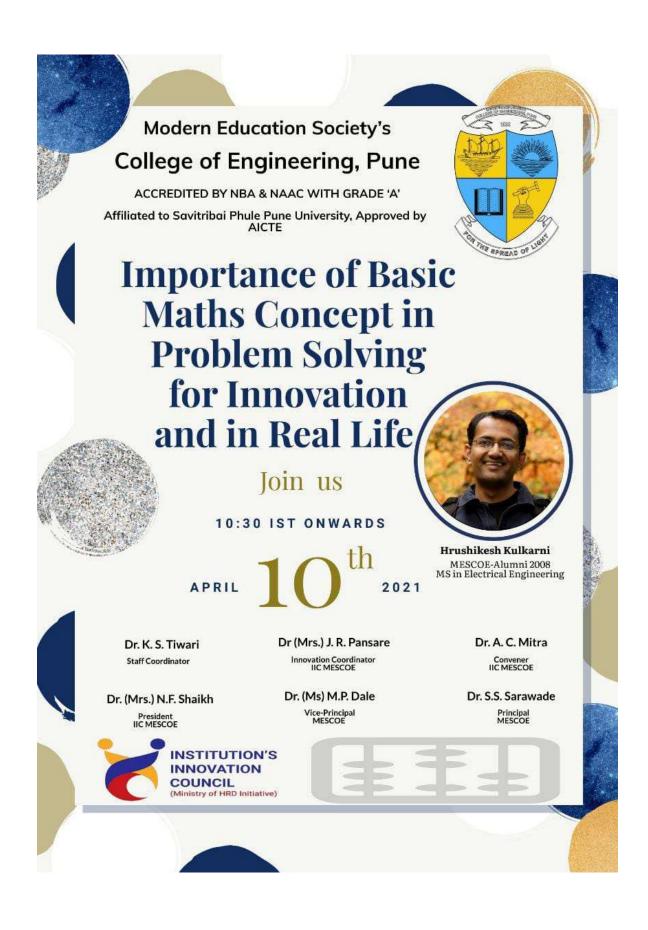
#### Date & Time : 4th December, 2020 1:00 pm

Registeration Link : https://bit.ly/3qj9qrG

Dr. R. N. Yerrawar Internship Coordinator IIC MESCOE Dr. A. C. Mitra Convener IIC MESCOE

Dr.(Ms.) M. P. Dale Vice President IIC MESCOE Dr.(Mrs.) N. F. Shaikh President IIC MESCOE













ACCREDITED BY NBA & NAAC WITH GRADE 'A' Affiliated to Savitribai Phule Pune University, Approved by AICTE



#### Organizes Webinar on

"My Story - Motivational Session by Successful Innovator"

Mr. Digambar Harishchandre Founder, Harish Solar Solutions Date : 7<sup>th</sup> Dec, 2020 Time : 03:00 pm Registration Link : https://bit.ly/37Av81P

Dr. (Miss) R. M. Wahul Startup Coordinator IIC, MESCOE

Dr. A. C. Mitra Convener IIC, MESCOE

Dr.(Ms.) M. P. Dale Vice President IIC, MESCOE Dr.(Mrs.) N. F. Shaikh President IIC, MESCOE











#### Institution's Innovation Council (IIC) Modern Education Society's College of Engineering, Pune

ACCREDIATED BY NBA & NAAC GRADE 'A' Affiliated to Savitribai Phule Pune University, Approved by AICTE, New Delhi

Two Days Workshop On "Intellectual Property Rights and IP Management for Start-up" (Journey from Patentable Idea to Start-up)

> Date & Time: 24<sup>th</sup> – 25<sup>th</sup> May, 2021, 1:30 PM Registration Link: <u>https://forms.gle/qZfdAjKtFEZc8vrU8</u>



Mr. Pratulla Wange Patent Agent, Indian Patent Office

Session 1 : Maturing Ideas to Patentable Inventions



Dr. Gouri Gaargate, Registerd Patent Agent, Assist. Prof. At Rajiv Gandhi School Of IP law at IIT Kharagpur

Session 2 : Patent Search for Inventors (Hands on training)

> Dr. P. N. Kota IPR Coordinator IIC MESCOE

Dr. (Ms.) M. P. Dale Vice-Principal MESCOE, Pune



Dr. Virendra Bhojwani, Associate Dean (R&C), MITADT University

Session 3 : India Patent Filing & IP management for start-up

Dr. A. C. Mitra Convener IIC MESCOE

Dr. S. S. Sarawade Principal MESCOE, Pune

Prof. G. S. Pole Workshop Coordinator IIC MESCOE

Dr. (Mrs.) N. F. Shaikh President IIC MESCOE





## Pune

ACCREDITED BY NBA & NAAC WITH GRADE 'A' Affiliated to Savitribai Phule Pune University, Approved by AICTE



Organizes session on

## How to Plan for Start-up and Legal & Ethical Steps

by

Mr.Vishal C Chandegave Deputy Commisioner of State GST, Pune

## DATE: 22ND MAY, 2021

## TIME: 2PM

Dr. R. N. Yerrawar Internship Coordinator IIC-MESCOE

**Dr.(Mrs.) N. F. Shaikh** President IIC-MESCOE

Dr.(Ms.) M. P. Dale Vice Principal MESCOE

Dr. A. C. Mitra Convener IIC-MESCOE





## Pune

ACCREDITED BY NBA & NAAC WITH GRADE 'A'

Affiliated to Savitribai Phule Pune University, Approved by AICTE

organizes

## Semester Break: Internship at start-up

in association with

CYPHER, Near Eon IT Park, Kharadi, Pune

## DATE: 8TH MAY, 2021 T

## TIME: 11AM

**Dr. R. N. Yerrawar** Internship Coordinator IIC-MESCOE

Dr. A. C. Mitra Convener IIC-MESCOE

Dr.(Mrs.) N. F. Shaikh President IIC-MESCOE

Dr.(Ms.) M. P. Dale Vice Principal MESCOE

ACCREDITED BY NBA & NAAC WITH GRADE 'A' Affiliated to Savitribai Phule Pune University, Approved by AICTE

## Building an Innovation or Product Fit for Market



Join us



Prof. Y. S. Ingale Prof. B.M. Narute Staff Coordinator

Dr. (Mrs.) N.F. Shaikh President IIC MESCOE

> INSTITUTION'S INNOVATION COUNCIL (Ministry of HRD Initiative)

Dr (Mrs.) J. R. Pansare

Innovation Coordinator IIC MESCOE

Dr. (Ms) M.P. Dale Vice-Principal MESCOE Dr. A. C. Mitra

Convener IIC MESCOE

Dr. S.S. Sarawade

S SPREAD OF

**Prof. Yogesh Bramhankar** Programme Evangelist MBA -Innovation& Entrepreneurship, SIBM Pune. Head- Incubation, SCEI (Tech. Business Incubator)





ACCREDITED BY NBA & NAAC WITH GRADE 'A' Affiliayed to Savitribai Phule Pune University, Approved by AICTE





Presents

Webinar

on

**Business Model Canvas** 

Mr. Arjun Panchal Founder & CEO of PapaZapata

> Date: 22th April, 2021 Time: 03:00 PM Register: https://bit.ly/22April21

Ms. V. H. Kamble Staff Coordinator IIC-MESCOE

Dr. A. C. Mitra Convener IIC-MESCOE Dr.(Mrs.) N. F. Shaikh President IIC-MESCOE Dr.(Miss) R. M. Wahul Startup Coodinator IIC-MESCOE

Dr.(Ms.) M. P. Dale Vice Principal MESCOE





ACCREDITED BY NBA & NAAC WITH GRADE 'A' Affiliayed to Savitribai Phule Pune University, Approved by AICTE



Presents

**Orientation Session** 

by

Innovation Ambassador

Mr. Ismail Akbani Head - Innovation SCEI & Entrepreneurship & Innovation Cell, SIT Pune

> Date: 16th April, 2021 Time: 03:00 PM

Mr. Y. S. Ingle Staff Coordinator IIC-MESCOE

Dr. A. C. Mitra Convener IIC-MESCOE Dr.(Mrs.) N. F. Shaikh President IIC-MESCOE Dr.(Miss) R. M. Wahul Startup Coodinator IIC-MESCOE

Dr.(Ms.) M. P. Dale Vice Principal MESCOE





ACCREDITED BY NBA & NAAC WITH GRADE 'A' Affiliayed to Savitribai Phule Pune University, Approved by AICTE



Presents

Webinar on

Challenges and Preparation for Changing Era

#### Mr.Sunil Chore Country Head, IndiaSoft Technologies (p)Ltd. Pune

Date: 9th March, 2021 Time: 01:30 PM

Mrs. S. M. Narsale Student Development Officer

Dr. A. C. Mitra Convener IIC-MESCOE Dr.(Mrs.) N. F. Shaikh President IIC-MESCOE Dr.(Miss) R. M. Wahul Startup Coodinator IIC-MESCOE

Dr.(Ms.) M. P. Dale Vice Principal MESCOE







ACCREDITED BY NBA & NAAC WITH GRADE 'A' Affillated to Savitribai Phule Pune University, Approved by AICTE





Affiliated to Savitribai Phule Pune University, Approved by AICTE

Department Of E&TC Engineering

Presents



Webinar on



## Design Thinking for Innovation

Mr. Basavaraj Hooli MTech. CS&E IIT Bombay

> Date: 2<sup>nd</sup> March 2021 Time: 1:00pm

Prof. Bharati Narute Prof. Aparna Dhavlikar

Staff Coordinator

Dr. (Mrs.) M.P. Dale

Vice-President IIC MESCOE

#### Dr (Mrs.) J. R. Pansare

Innovation Coordinator IIC MESCOE

#### Dr. (Mrs.) N.F. Shaikh

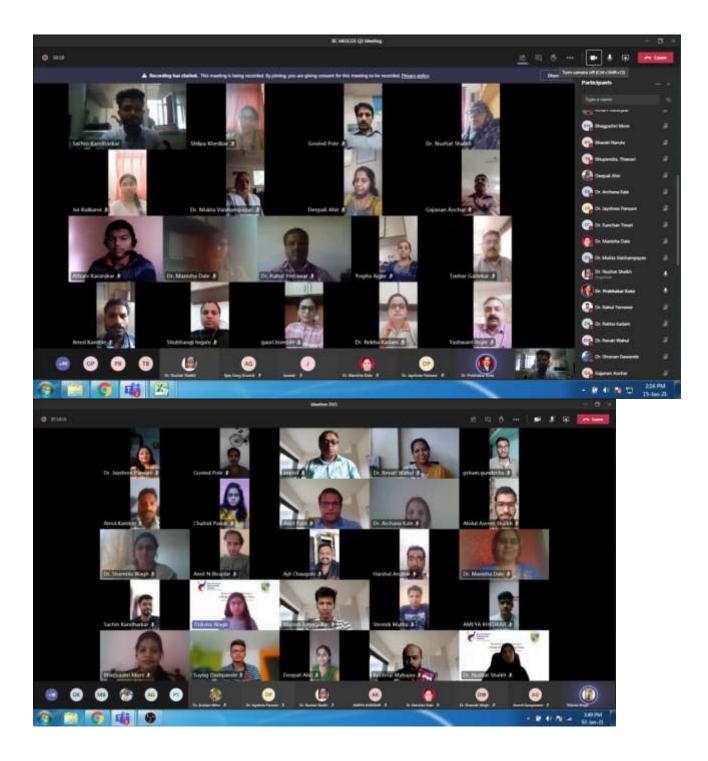
President IIC MESCOE Dr. A. C. Mitra

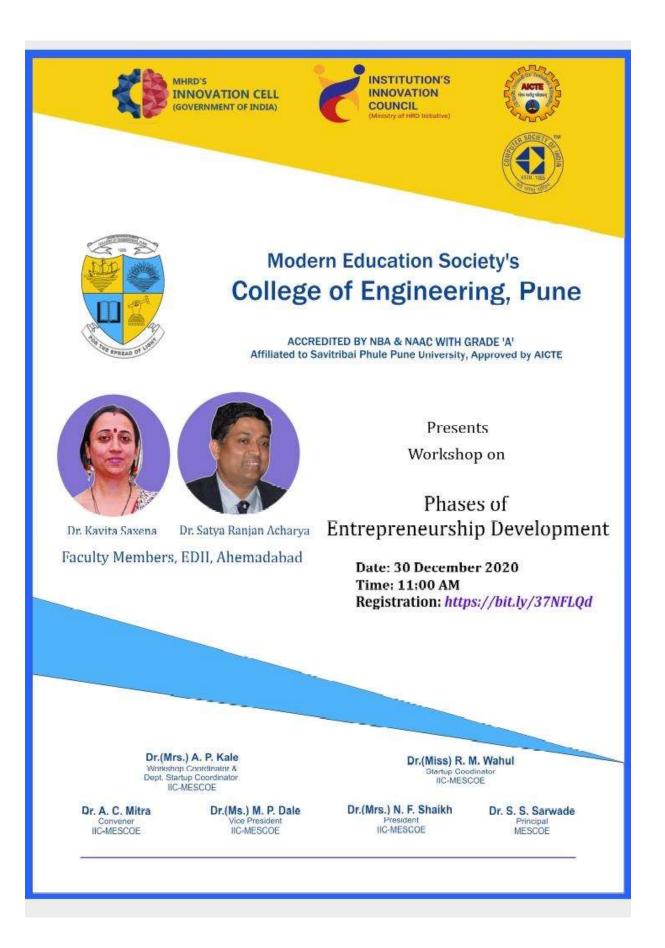
Convener IIC MESCOE

Dr. S.S. Sarwade

Principal MESCOE

Registration link :https://forms.gle/ZVmLMpQ5mVxKCRPY9







### Institution's Innovation Council (IIC), Modern Education Society's College of Engineering, Pune

ACCREDIATED BY NBA & NAAC GRADE 'A' Affiliated to Savitribai Phule Pune University, Approved by AICTE, New Delhi

## Organizes Webinar on "Intellectual Property and Patent Life Cycle"



## by Adv. Anand Mahurkar

Date & Time: 5 th January, 2020 3:30 PM Registration Link:

Dr. P. N. Kota IPR Coordinator IIC MESCOE Dr. A. C. Mitra Convener IIC MESCOE

Dr. (Ms.) M. P. Dale Vice President IIC MESCOE Dr. (Mrs.) N. F. Shaikh President IIC MESCOE





INSTITUTION'S INNOVATION COUNCIL (Ministry of HRD initiative)







## Modern Education Society's College of Engineering, Pune

ACCREDITED BY NBA & NAAC WITH GRADE 'A' Affiliated to Savitribai Phule Pune University, Approved by AICTE



Mr. Abhishek Kar

Department of Computer Engineering Organizes

Expert Session on "Financial Tips for Entrepreneurs Launching a Startup"

Date : 24<sup>th</sup> Dec, 2020

Time : 04:00 pm

Registration Link: <u>https://bit.ly/2WGIENK</u>

Dr.(Mrs.) A. P. Kale Dept. Startup Coordinator IIC, MESCOE

Dr.(Mrs.) N. F. Shaikh HoD, Dept. of Computer Engg. & President, IIC MESCOE Dr. (Miss) R. M. Wahul Startup Coordinator IIC, MESCOE



