

# **Lokmanya Tilak College of Engineering**

## **ACHIEVEMENTS**

### **Project competition**

#### **1) Project Deep Blue-season 8**

“Project Deep Blue-season 8” project competition provides students a chance to make a difference and solve real world problems. More than 300 groups were participated from India in September 2022. Our 3 groups were selected after submission of proposal and screening. All 3 groups were successfully completed their project in March 2023 under Mastek Ltd. 3 groups were reached up to semi-final. 1 group were reached up to final. Final is scheduled on 22<sup>nd</sup> April 2023.

<b>Group No.</b>	<b>Name of Students</b>	<b>problem statements</b>	<b>Remark</b>
1	Masdekar Harshad Sudhir Mohammad Asib Idrisi Manjiree Yashwant Bansode Aryan Yadav	Maintenance and cleanliness of storage tank / overhead water tanks - STC	Selected in finals
2	Varun Prahlad Chauhan Rahul Ramji Gupta Sagar Memane Aparna Dhivar	IoT based Smart bottle for Healthcare Sectors - ISH	Selected in semi-final
3	Vaibhav manoj gangurde Chirag Sawant Paras Patil Prasad Salunke	Maintenance and cleanliness of storage tank / overhead water tanks - STC	Selected in semi-final

#### **2) Project Deep Blue-season 7**

“Project Deep Blue-season 7” project competition provides students a chance to make a difference and solve real world problems. More than 250 groups were participated from India in September 2021. Our 4 groups were selected after submission of proposal and screening. All 4 groups were successfully completed their project in April 2022 under Mastek Ltd. 2 groups were reached upto semi-final. One of the group is winners of Project Deep Blue Season 7.

<b>Group No.</b>	<b>Name of Students</b>	<b>problem statements</b>	<b>Remark</b>
1	Masdekar Harshad Sudhir Mohammad Asib Idrisi Vikrant Neve Aryan Yadav	Lung capacity check – LCC	Winner and INR 1,50,000 cash prize
2	Shivam Shukla Kaushlendra Gupta Prajakta Wagh Vinita Kashyap	Lung capacity check – LCC	Selected in semi- final
3	Samyakta Sachin Patil Advait Chandorkar Suraj Sahani Akshata Ravindra Dhadambe	Resume match and ranking – RMR	Successfully Completed the project
4	Parth Prabhat Patil Akash Vijay Prasad Sneha Anandprakash Kurmi Shaily Upendra Kumar Sharma	Resume match and ranking – RMR	Successfully Completed the project



### 3) CIIA (CREATIVE IDEAS & INNOVATIONS IN ACTION) 2022-23

The Objective of CIIA (CREATIVE IDEAS & INNOVATIONS IN ACTION) is to encourage the Students participants through Rewards & Awards and build a culture of Innovation at the very grassroots level. CIIA is creating a Platform on which the Innovation Creators, Potential Users of these Innovations and the Innovation Promoters meet on one Platform to explore its utility in Industry, Enterprises, Startups, Research Institutions, Défense, Space and other related fields, and to facilitate the means of Funding viable Projects, helping Inventors in Patenting, Awarding at National level and such other supporting's.

Our 1 group were selected to present their work on 1<sup>st</sup> February to 3<sup>rd</sup> February 2023, Nehru centre Worli.

Sr. No.	Name of students	problem statements
1	Samriddhi Surawade Bhavesh Pawar Rachana Thatitamula Khushal Mishra	Solar Panel Cleaner





#### 4) CIIA (CREATIVE IDEAS & INNOVATIONS IN ACTION) 2021-22

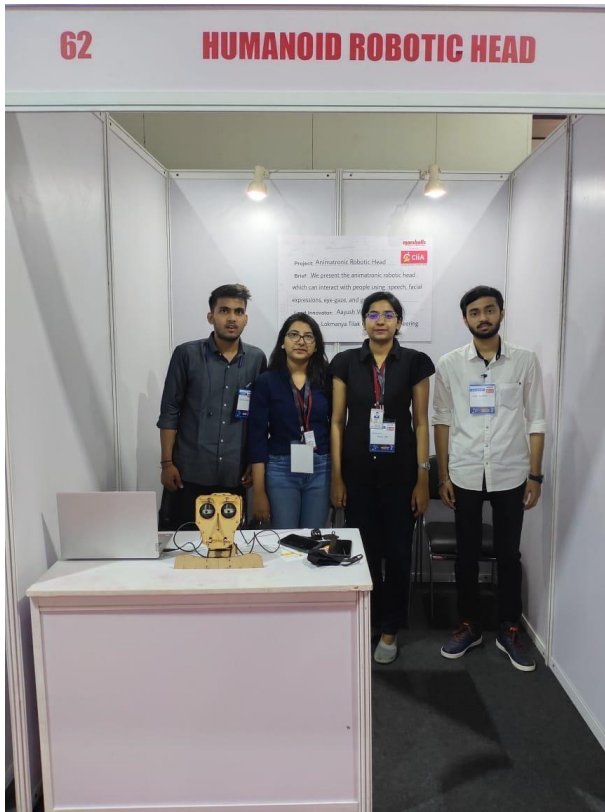
The Objective of CIIA (CREATIVE IDEAS & INNOVATIONS IN ACTION) is to encourage the Students participants through Rewards & Awards and build a culture of Innovation at the very grassroots level. CIIA is creating a Platform on which the Innovation Creators, Potential Users of these Innovations and the Innovation Promoters meet on one Platform to explore its utility in Industry, Enterprises, Startups, Research Institutions, defence, Space and other related fields, and to facilitate the means of Funding viable Projects, helping Inventors in Patenting, Awarding at National level and such other supporting's.

Our 5 groups were selected to present their work on 29<sup>th</sup> and 30<sup>th</sup> March, Nehru centre Worli.

Sr. No.	Name of students	problem statements
1	Aniket Pisal Divyal Dhole Prathmesh Pawar Monish Dehekane	Python based Species classification Wireless camera for Forest survey and Monitoring

2	Shivam Shukla Kaushlendra Gupta Prajakta Wagh Vinita Kashyap	IOT based safety band
3	Pauravi Pardeshi Nida Khan Omshankar Singh Deepesh Sharma	Visual Activity test for eye disease detection
4	Aayush Harish Vijayvergiya Dimple Khandelwal Madhura Yeramwar Yash Thorwe	Animatronic Robotic Head
5	Samriddhi Surawade Bhavesh Pawar Rachana Thatitamula Khushal Mishra	Adriano based Solar tracking system







### **3) Smart India Hackathon 2022**

SIH 2022 brings the next generation evolution by inclusion of new methodology to inculcate the culture of startup and innovation ecosystem across different age groups.

Our 2 groups are selected in final level.

Sr. No.	Team name and Organization	Name of students	problem statements
1	12650 - DEBUG NINJAS Organization: All India Council for Technical Education (AICTE)	Prof. Rajendra D. Gawali Prof. Trupti Harhare Nishant Amol Joshi Arin Prem Singh Mashta Mohanish Pradeep Tripathi Anjali Shivram Kori Aniruddha Sanjay Mahamuni Mohd Hanzala Mohd Imamuddin Ansari	Graphical Password Authentication
2	12446 - HACK ELITES X Organization: Ministry of Electronics and Information Technology (MEITY).	Prof. Shilpa Joshi Prof. Trupti Harhare Sagar Vasant Memane Jaishree Singh Abhay Rane Aditya Jha Devansh Thakker Fahad Shaikh	Automated Notes Maker from Audio Recordings





### **No. of IPs Generated, Published And Granted :1**

Patent titled, “A method for securing low constrained devices of the IoT network” got published and grant is under process,  
Faculty involved- Dr. Smita Ambarkar

# COLLABORATION

## No. of Student & Faculty Start-ups/Ventures Established

Sr. No	Student & Faculty Name	Details
1	Kiran Sherkar	LTCE incubation Center in association with Encore Biomedicals Pvt. Ltd. Infinity Dignochem Registration Date: 20/07/2022 (Udyam Registration Certificate of Govt of India under MSME)
2	Amaan Sayyad Prathmesh Pandey Vishal Pandey	Three students established own startup. Objective is to hyper-scale the deployment of distributed solar and the transition towards 100% renewables by using technology to modernize the way rooftop solar is sold and To enable property owners to enjoy a hassle-free digital solar journey and to act as a neutral advisor to aid them in making a better solar decision. Website <a href="https://getsolar.ai/">https://getsolar.ai/</a>
3	Darshan Khaniya Kunal Katharani Vinay Vanwari	Khaniya Mobility is a new-age start-up involved in the design and development of sustainable and affordable electric mobility. Our motive is "MOBILITY FOR ALL." Based in Mumbai, India, our team consists of smart engineers who can develop the products which can fulfil our moto. Khaniya Mobility is an initiative to promote Start-Up India and Make in India.
4	Rajashree sanas Sneha patil Sakshi takalkar Priyanka singh	@second_Ambition is a Thrift store of fashion stuff, Accessories .sells used goods donated by anonymous people. Store sells product at affordable prices to make available forte everyone. Reuse, Reduce and Recycle the Moto of store.
5	Aditya A. Jawale	Govardhan Dairy Farm. Registration Date: 10/08/2021 (Udyam Registration Certificate of Govt of India under MSME)
6	Akash Dwivedi	Anant Engineering Services. Registration Date: 15/05/2021 (Udyam Registration Certificate of Govt of India under MSME)
7	Shyam Gupta	Founder of Urban Digital Pro. Certificate of Registration of Trademark dated 31/03/2021 by Govt. of India under Intellectual Property(iP) India.
8	Kaustubh Pathak	Tvashtra Group of Industries. Registration Date: 17/02/2021 (Udyam Registration Certificate of Govt of India under MSME)
9	Shubham Mhapankar	Product- e-Vehicle by LTCE incubation Center in association with EvoltZ Karts He along with his team developed powerful, eco-friendly, and effective product to createthemost efficient racing and utility platform on the planet in terms of energy, ecology, and business.

भारत सरकार  
Government of India  
विद्युत, सूक्ष्म, लघु और मध्यम उद्यम विभाग  
Ministry of Micro, Small and Medium Enterprises

### UDYAM REGISTRATION CERTIFICATE

Our small hands to make you LARGE

TYPE OF ENTERPRISE	MSME	MANUFACTURING										
UDYAM REGISTRATION NUMBER	UDYAMMH-43-8241349											
NAME OF ENTERPRISE	ENCORE BIOMEDICALS PRIVATE LIMITED											
SOCIAL CATEGORY OF ENTERPRISE	General											
NAME OF UNITS	<table border="1"> <tr> <th>Sl. No.</th> <th>Unit Name</th> <th>Address</th> <th>State</th> <th>Pin Code</th> </tr> <tr> <td>1</td> <td>Encore Biomedicals Pvt. Ltd. Unit</td> <td>Plot No. 10, Sector 10, Gurgaon</td> <td>Haryana</td> <td>122002</td> </tr> </table>		Sl. No.	Unit Name	Address	State	Pin Code	1	Encore Biomedicals Pvt. Ltd. Unit	Plot No. 10, Sector 10, Gurgaon	Haryana	122002
Sl. No.	Unit Name	Address	State	Pin Code								
1	Encore Biomedicals Pvt. Ltd. Unit	Plot No. 10, Sector 10, Gurgaon	Haryana	122002								
OFFICIAL ADDRESS OF ENTERPRISE	<table border="1"> <tr> <th>Sl. No.</th> <th>Address</th> <th>State</th> <th>Pin Code</th> </tr> <tr> <td>1</td> <td>Encore Biomedicals Pvt. Ltd. Unit</td> <td>Haryana</td> <td>122002</td> </tr> </table>		Sl. No.	Address	State	Pin Code	1	Encore Biomedicals Pvt. Ltd. Unit	Haryana	122002		
Sl. No.	Address	State	Pin Code									
1	Encore Biomedicals Pvt. Ltd. Unit	Haryana	122002									
DATE OF INCORPORATION/REGISTRATION OF ENTERPRISE	21/07/2022											
DATE OF COMMENCEMENT OF PRODUCTION/BUSINESS	21/07/2022											
NATIONAL INDUSTRY CLASSIFICATION CODE(S)	31300											
DATE OF UDYAM REGISTRATION	21/07/2022											

Disclaimer: This is a computer generated certificate. No signature required. Please visit <http://udiyamregistration.gov.in>

For any assistance, you may contact:  
1. DDC: MUMBAI CITY  
2. MSME-8: MUMBAI

BE A CHAMPION WITH THE MINISTRY OF MSME



## Encore Biomedicals Private Limited

### Infinity Diagonochem

Mr. Kiran Sherkar  
Batch 2013-14  
Mechanical Engineering  
LTCE Entrepreneurship  
Date of Registration- 20-07-2022



भारत सरकार  
Government of India  
विद्युत, सूक्ष्म, लघु और मध्यम उद्यम विभाग  
Ministry of Micro, Small and Medium Enterprises

### UDYAM REGISTRATION CERTIFICATE

UDYAM REGISTRATION NUMBER	UDYAMMH-43-8241349										
NAME OF ENTERPRISE	ENCORE BIOMEDICALS PRIVATE LIMITED										
TYPE OF ENTERPRISE	MSME (Based on PY 2020-21)										
MAJOR ACTIVITY	MANUFACTURING										
SOCIAL CATEGORY OF ENTERPRISE	GENERAL										
NAME OF UNITS	<table border="1"> <tr> <th>Sl. No.</th> <th>Unit Name</th> <th>Address</th> <th>State</th> <th>Pin Code</th> </tr> <tr> <td>1</td> <td>Encore Biomedicals Pvt. Ltd. Unit</td> <td>Plot No. 10, Sector 10, Gurgaon</td> <td>Haryana</td> <td>122002</td> </tr> </table>	Sl. No.	Unit Name	Address	State	Pin Code	1	Encore Biomedicals Pvt. Ltd. Unit	Plot No. 10, Sector 10, Gurgaon	Haryana	122002
Sl. No.	Unit Name	Address	State	Pin Code							
1	Encore Biomedicals Pvt. Ltd. Unit	Plot No. 10, Sector 10, Gurgaon	Haryana	122002							
OFFICIAL ADDRESS OF ENTERPRISE	<table border="1"> <tr> <th>Sl. No.</th> <th>Address</th> <th>State</th> <th>Pin Code</th> </tr> <tr> <td>1</td> <td>Encore Biomedicals Pvt. Ltd. Unit</td> <td>Haryana</td> <td>122002</td> </tr> </table>	Sl. No.	Address	State	Pin Code	1	Encore Biomedicals Pvt. Ltd. Unit	Haryana	122002		
Sl. No.	Address	State	Pin Code								
1	Encore Biomedicals Pvt. Ltd. Unit	Haryana	122002								
DATE OF INCORPORATION/REGISTRATION OF ENTERPRISE	20/07/2022										
DATE OF COMMENCEMENT OF PRODUCTION/BUSINESS	20/07/2022										
NATIONAL INDUSTRY CLASSIFICATION CODE(S)	31300										
DATE OF UDYAM REGISTRATION	20/07/2022										

भारत सरकार  
Government of India  
विद्युत, सूक्ष्म, लघु और मध्यम उद्यम विभाग  
Ministry of Micro, Small and Medium Enterprises

### UDYAM REGISTRATION CERTIFICATE

UDYAM REGISTRATION NUMBER	UDYAMMH-43-8241349										
NAME OF ENTERPRISE	ENCORE BIOMEDICALS PRIVATE LIMITED										
TYPE OF ENTERPRISE	MSME (Based on PY 2020-21)										
MAJOR ACTIVITY	MANUFACTURING										
SOCIAL CATEGORY OF ENTERPRISE	GENERAL										
NAME OF UNITS	<table border="1"> <tr> <th>Sl. No.</th> <th>Unit Name</th> <th>Address</th> <th>State</th> <th>Pin Code</th> </tr> <tr> <td>1</td> <td>Encore Biomedicals Pvt. Ltd. Unit</td> <td>Plot No. 10, Sector 10, Gurgaon</td> <td>Haryana</td> <td>122002</td> </tr> </table>	Sl. No.	Unit Name	Address	State	Pin Code	1	Encore Biomedicals Pvt. Ltd. Unit	Plot No. 10, Sector 10, Gurgaon	Haryana	122002
Sl. No.	Unit Name	Address	State	Pin Code							
1	Encore Biomedicals Pvt. Ltd. Unit	Plot No. 10, Sector 10, Gurgaon	Haryana	122002							
OFFICIAL ADDRESS OF ENTERPRISE	<table border="1"> <tr> <th>Sl. No.</th> <th>Address</th> <th>State</th> <th>Pin Code</th> </tr> <tr> <td>1</td> <td>Encore Biomedicals Pvt. Ltd. Unit</td> <td>Haryana</td> <td>122002</td> </tr> </table>	Sl. No.	Address	State	Pin Code	1	Encore Biomedicals Pvt. Ltd. Unit	Haryana	122002		
Sl. No.	Address	State	Pin Code								
1	Encore Biomedicals Pvt. Ltd. Unit	Haryana	122002								
DATE OF INCORPORATION/REGISTRATION OF ENTERPRISE	20/07/2022										
DATE OF COMMENCEMENT OF PRODUCTION/BUSINESS	20/07/2022										
NATIONAL INDUSTRY CLASSIFICATION CODE(S)	31300										
DATE OF UDYAM REGISTRATION	20/07/2022										

भारत सरकार  
Government of India  
विद्युत, सूक्ष्म, लघु और मध्यम उद्यम विभाग  
Ministry of Micro, Small and Medium Enterprises

### UDYAM REGISTRATION CERTIFICATE

Our small hands to make you LARGE

TYPE OF ENTERPRISE	MSME	MANUFACTURING										
UDYAM REGISTRATION NUMBER	UDYAMMH-43-8241349											
NAME OF ENTERPRISE	ENCORE BIOMEDICALS PRIVATE LIMITED											
SOCIAL CATEGORY OF ENTERPRISE	General											
NAME OF UNITS	<table border="1"> <tr> <th>Sl. No.</th> <th>Unit Name</th> <th>Address</th> <th>State</th> <th>Pin Code</th> </tr> <tr> <td>1</td> <td>Encore Biomedicals Pvt. Ltd. Unit</td> <td>Plot No. 10, Sector 10, Gurgaon</td> <td>Haryana</td> <td>122002</td> </tr> </table>		Sl. No.	Unit Name	Address	State	Pin Code	1	Encore Biomedicals Pvt. Ltd. Unit	Plot No. 10, Sector 10, Gurgaon	Haryana	122002
Sl. No.	Unit Name	Address	State	Pin Code								
1	Encore Biomedicals Pvt. Ltd. Unit	Plot No. 10, Sector 10, Gurgaon	Haryana	122002								
OFFICIAL ADDRESS OF ENTERPRISE	<table border="1"> <tr> <th>Sl. No.</th> <th>Address</th> <th>State</th> <th>Pin Code</th> </tr> <tr> <td>1</td> <td>Encore Biomedicals Pvt. Ltd. Unit</td> <td>Haryana</td> <td>122002</td> </tr> </table>		Sl. No.	Address	State	Pin Code	1	Encore Biomedicals Pvt. Ltd. Unit	Haryana	122002		
Sl. No.	Address	State	Pin Code									
1	Encore Biomedicals Pvt. Ltd. Unit	Haryana	122002									
DATE OF INCORPORATION/REGISTRATION OF ENTERPRISE	21/07/2022											
DATE OF COMMENCEMENT OF PRODUCTION/BUSINESS	21/07/2022											
NATIONAL INDUSTRY CLASSIFICATION CODE(S)	31300											
DATE OF UDYAM REGISTRATION	21/07/2022											

Disclaimer: This is a computer generated certificate. No signature required. Please visit <http://udiyamregistration.gov.in>

For any assistance, you may contact:  
1. DDC: MUMBAI CITY  
2. MSME-8: MUMBAI

BE A CHAMPION WITH THE MINISTRY OF MSME



भारत सरकार  
Government of India  
विद्युत, सूक्ष्म, लघु और मध्यम उद्यम विभाग  
Ministry of Micro, Small and Medium Enterprises

### UDYAM REGISTRATION CERTIFICATE

Our small hands to make you LARGE

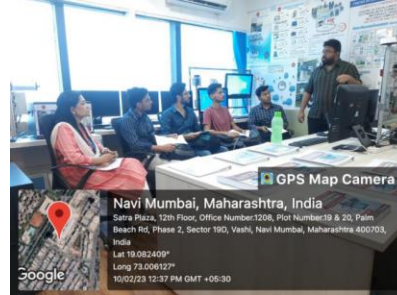
TYPE OF ENTERPRISE	MSME	MANUFACTURING										
UDYAM REGISTRATION NUMBER	UDYAMMH-43-8241349											
NAME OF ENTERPRISE	ENCORE BIOMEDICALS PRIVATE LIMITED											
SOCIAL CATEGORY OF ENTERPRISE	General											
NAME OF UNITS	<table border="1"> <tr> <th>Sl. No.</th> <th>Unit Name</th> <th>Address</th> <th>State</th> <th>Pin Code</th> </tr> <tr> <td>1</td> <td>Encore Biomedicals Pvt. Ltd. Unit</td> <td>Plot No. 10, Sector 10, Gurgaon</td> <td>Haryana</td> <td>122002</td> </tr> </table>		Sl. No.	Unit Name	Address	State	Pin Code	1	Encore Biomedicals Pvt. Ltd. Unit	Plot No. 10, Sector 10, Gurgaon	Haryana	122002
Sl. No.	Unit Name	Address	State	Pin Code								
1	Encore Biomedicals Pvt. Ltd. Unit	Plot No. 10, Sector 10, Gurgaon	Haryana	122002								
OFFICIAL ADDRESS OF ENTERPRISE	<table border="1"> <tr> <th>Sl. No.</th> <th>Address</th> <th>State</th> <th>Pin Code</th> </tr> <tr> <td>1</td> <td>Encore Biomedicals Pvt. Ltd. Unit</td> <td>Haryana</td> <td>122002</td> </tr> </table>		Sl. No.	Address	State	Pin Code	1	Encore Biomedicals Pvt. Ltd. Unit	Haryana	122002		
Sl. No.	Address	State	Pin Code									
1	Encore Biomedicals Pvt. Ltd. Unit	Haryana	122002									
DATE OF INCORPORATION/REGISTRATION OF ENTERPRISE	21/07/2022											
DATE OF COMMENCEMENT OF PRODUCTION/BUSINESS	21/07/2022											
NATIONAL INDUSTRY CLASSIFICATION CODE(S)	31300											
DATE OF UDYAM REGISTRATION	21/07/2022											

Disclaimer: This is a computer generated certificate. No signature required. Please visit <http://udiyamregistration.gov.in>

For any assistance, you may contact:  
1. DDC: MUMBAI CITY  
2. MSME-8: MUMBAI

BE A CHAMPION WITH THE MINISTRY OF MSME





**76th INDEPENDENCE DAY**

Navi Mumbai, Maharashtra, India  
4244-95R, Sector 4, Koper Khairane, Navi Mumbai, Maharashtra 400709, India  
Lat: 19.105991°  
Long: 73.007364°  
24/08/23 11:29 AM GMT +05:30

**Lokmanya Tilak College of Engineering**  
Navi Mumbai

**Institution's Innovation Council & IQAC**  
Organises a Session on

**Incubation - Industrial Opportunities for Students & Faculties**

Focusing on latest technologies including:

- Cloud Computing
- Blockchain
- AI/ML
- Cyber Security

**EMINENT SPEAKER**

**Yogesh Rajee**  
Hedgapur, Pune

- Intel Certified Instructor for Machine Learning using One API
- Evaluator for Smart India Hackathon (SIH)

Wednesday, 26 July 2023  
11 AM  
C-SIO Seminar Hall

Advised Sponsor: Dr. Rajee Walabadi, IC Convener  
Co-ordinator: Dr. Subhash Shinde, Vice-Principal, IC Head  
Dr. Vivek Sunnapwar, Principal, IC Head

**LOKMANYA TILAK COLLEGE OF ENGINEERING**  
Navi Mumbai

**Institution's Innovation Council**  
Organizes a Workshop on

**Make Learn Play : Innovation Learning Tech toys**  
24th April 2023  
at 4:00 pm  
Maharashtra Mulund Sewa Sangh, Airoli

Prof. Nimisha Shirbhate  
Prof. Snehal Junmarka  
Prof. Ujwala Pandharkar

Dr. Subhash Shinde  
IIC Vice-President  
Vice Principal

Dr. Vivek Sunnapwar  
IIC President  
Principal

**Lokmanya Tilak College of Engineering**  
Sector-4, Vikas Nagar, Koperkhairane, Navi Mumbai

**INSTITUTION'S INNOVATION COUNCIL & IQAC**  
ORGANISES A SESSION ON

**INNOVATION / PROTOTYPE VALIDATION - CONVERTING INNOVATION INTO A START-UP**

THURSDAY, 24th AUG 2023  
10:30 AM  
A BUILDING - MAIN AUDITORIUM

**FOCUSING ON**

- INNOVATION INTO STARTUP
- PROTOTYPE DEVELOPMENT
- INDUSTRIAL PROPERTY PROTECTION

**EMINENT SPEAKER**

**ADV. ANAND MAHURKAR**

- REGISTERED WITH BAR COUNCIL OF INDIA
- MEMBER OF LAW FIRM AND LEGAL ASSOCIATES
- FOUNDER ATTORNEY AT LAW, ACTIVE OFFICE OF GOVT OF INDIA
- MEMBER OF BAR INDIAN SOCIETY FOR TECHNICAL EDUCATION

www.amlegalassists.com