



### 3.2.2 Number of workshops/seminars/conference conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship

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## 1. Webinar on “Devops on Cloud Compute”



Name of the event: Webinar

Date of the event: 5<sup>th</sup> February 2022

Class: SE, TE & B.E.

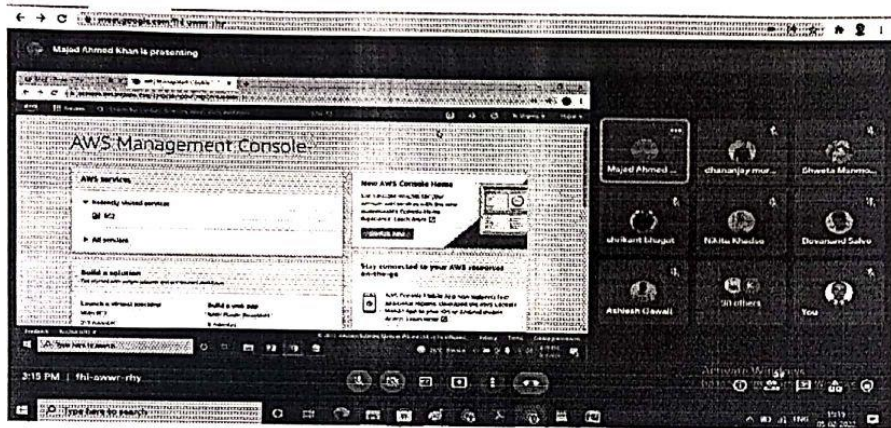
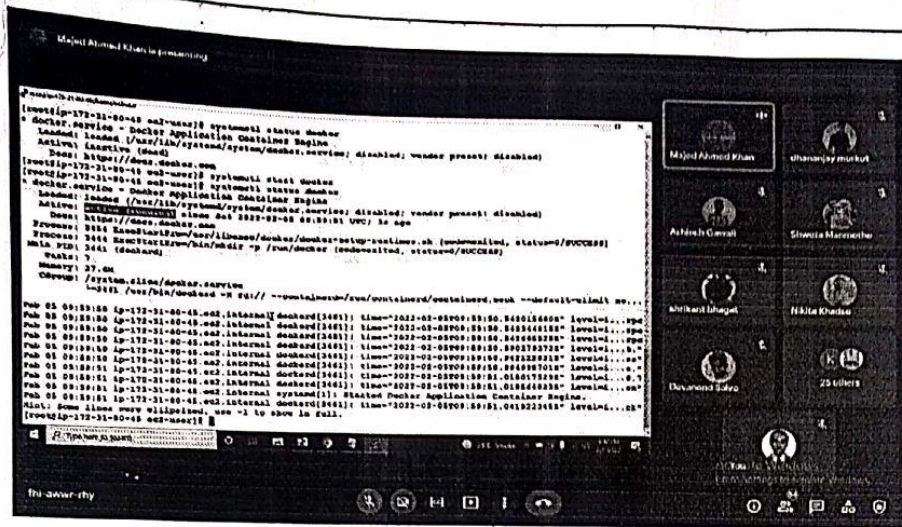
Expert / Guest of the event: Mr. Majed Ahmed Khan (Senior Software Engineer Devops, FAB(First Abu Dhabi Bank) Abu Dhabi)

Summary of the event: This is Expert talk on “Devops on Cloud Compute”, delivered by Mr. Majed Ahmed Khan. He has focused on basics of Devops and how it is important for our students. He reveals the different entering ways in software industries. Sir also explains cloud deployment tools, Jenkin, Kubernet, Ansibel and Docker. He explained the basic of Amazon Elastic Container Service (ECS) and how it usefull by hands on experimentation. He has guided the students thoroughly about the importance & project work implementation with Devops. Also He has cleared the queries raised by the students.

Outcome: Students come to know about the Devops on Cloud Compute. Also they come to know about the basics theory behind it.

Photographs of the event:





*Prof. A.N. Shaikh*  
**Prof. A.N. Shaikh**  
 Activity coordinator

*Prof. S.P. Kharde*  
**Prof. S.P. Kharde**  
 HOD

*Dr. R.S. Pawar*  
**Dr. R.S. Pawar**  
 Principal

## 2. Seminar on “How to plan for start-up & its legal and ethical steps”



**Shreeyash College of Engineering & Technology**



**Department of Electronics and Telecommunication Engineering**

**Name of the event:** Seminar  
**Date of the event:** 17<sup>th</sup> June 2022  
**Class:** SE, TE & B.E.

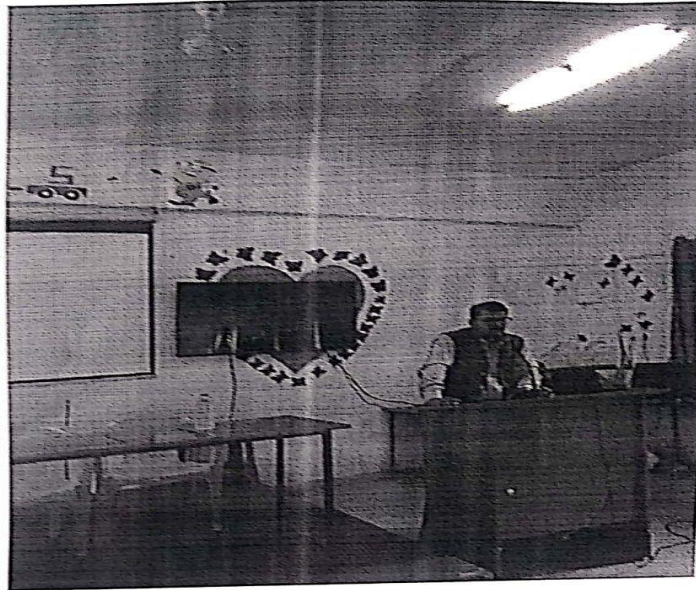
**Expert / Guest of the event:** Shri Amit Ranjan, Chief Executive Officer, AIC-BAMU Foundation, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad

**Summary of the event:** This is a Seminar on “How to plan for Startup & its legal and ethical steps”. Basically, a start-up, is a young company with a business model that supports innovation also a business structure created to solve a problem by delivering a new product or service under conditions of extreme uncertainty. Mr. Amit Ranjan introduced about the AIC incubation center. How it runs and what is the basic idea of incubation. He also discussed on different ideas and startups and how an idea can convert into a business model. Amit sir also discussed about different government and non government agencies which provide funding to students for their startups. He also explains the importance of intellectual property rights and how students can go for patenting. He has guided the students thoroughly about the implementation of project ideas in incubation center. Also He has cleared the queries raised by the students.

**Outcome:** Students come to know about the importance of startups and project idea development in incubation center. Also they come to know about the basics theory behind it.

**Photographs of the event:**





*A.N. Shaikh*  
Dr. A.N. Shaikh  
Activity coordinator

*S.P. Kharde*  
Prof. S.P. Kharde  
HOD

*R.S. Pawar*  
Dr. R. S. Pawar  
Principal



**Shreeyash College of Engineering & Technology**



**Department of Electronics and Telecommunication  
Engineering**

**Organising a One day Workshop on**

**"A PRACTICAL APPROACH FOR DEVELOPMENT OF  
PROJECTS USING ARDUINO UNO"**

**Date: 25<sup>th</sup> May 2022  
Time: 11:00 am**

**Resource Person**  
**Prof. Dr. Zakee Ahmed**  
**Associate Professor,**  
**AIDS Department,**  
**CSMSS College of Engineering, Aurangabad**

Dr. A.N. Shaikh  
Coordinator

Prof. S.P. Kharde  
HOD

Dr. R.S. Pawar  
Principal

### 3. One day workshop on “A practical approach for Development of Projects using Arduino-Uno board”



**Shreeyash College of Engineering & Technology**



**Department of Electronics and Telecommunication Engineering**

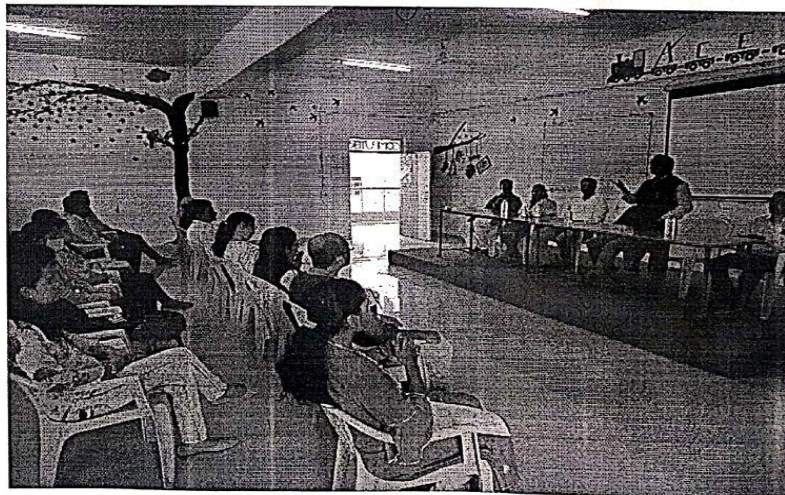
**Name of the event:** Workshop  
**Date of the event:** 25<sup>th</sup> May 2022  
**Class:** SE, TE & B.E.

**Expert / Guest of the event:** Dr. Zakee Ahmed (Associate Professor, AI& Data Science Department, CSMSS Engineering College, Aurangabad)

**Summary of the event:** This is Seminar on “A Practical approach for Development of Projects using Arduino-Uno board”. Arduino is an open-source electronics platform based on easy-to-use hardware and software. Dr. Zakee Ahmed explained the basics of Arduino development board and its functionality. He explains all the key concepts and hardware descriptions in an easy way to get understand by our students. He has focused on how to prepare a project and implement own idea using Arduino-uno board. He has taken hands on session in lab and asks students to develop a mini project using arduino board and performed also in virtual environment. He has guided the students thoroughly about the importance of project work implementation with examples. Also He has cleared the queries raised by the students.

**Outcome:** Students come to know about the importance of project development through Arduino-uno board. Also they come to know about the basics theory behind it.

**Photographs of the event:**





*Shaikh*  
Dr. A.N. Shaikh  
Activity coordinator

*Kharde*  
Prof. S.P. Kharde  
HOD

*Pawar*  
Dr. R. S. Pawar  
Principal



#### 4. An online session on “Creative thinking, Critical thinking and innovative design”

FORMAT NO. STC/PR19/F/01



### Shreeyash Pratishthan's Shreeyash College of Engineering & Technology, Aurangabad



Gut No. 258, Near SRPF Camp, Satara Parisar, Aurangabad - 431010

Tel: (240) 6608701/702/777 Fax: +91 240 6608709, Email: principal@sycet.org, Web: <http://sycet.org> & [www.syp.ac.in](http://www.syp.ac.in)

<b>Name of the event:</b>	An online session on “creative thinking, critical thinking and innovative design”		
<b>Date of the event:</b>	22 <sup>nd</sup> February, 2022	<b>Academic Year:</b>	2021- 22
<b>Class of Student participants:</b>	UG & PG students (All Branch)	<b>Number of student participants:</b>	72
<b>Accompanying Staff:</b>	Prof. H. B. Chothe	<b>Number of Faculty participants:</b>	25

#### Summary of the event:

The Institutions Innovation Council (IIC) of Shreeyash Pratishthan's Shreeyash College of Engineering & Technology Aurangabad, organised a national level one day online session on “Creative thinking, critical thinking and innovative design ” with focus on creative and critical thinking which come hand in hand and can be applied to any subject.

The resource person was Dr. Kasturi Sahay, Asst. Prof. Amity University Jharkhand, Ranchi. She is also having a corporate background related to innovative design.

The programme started with an opening remark delivered by Dr. Masarrat Sultana, Professor, Civil Engineering Department, IIC Vice President, followed by a preamble from Dr. R. S. Pawar, Principal, Shreeyash College of Engineering & Technology Aurangabad.

For any entrepreneurship and/or start-ups, novel idea is creative thinking, **Dr. Kasturi Sahay** highlights creative thinking is a skill which lets you consider things from a fresh perspective and different angles. It's an inventive thought process which results in surprising conclusions and new ways of doing things. She discussed about the importance of innovative ideas for critical and creative thinking in order to have a particular innovative design for start-up. She also discussed about how a critical thinker is not limited to his judgements thoughts where the ability to reason is enhanced.

The session ended with an interactive session and vote of thanks proposed by Dr. H. A. Tonday, Associate Professor, Mechanical Engineering Department, IIC President.

#### Key Outcomes:

- To learn about creative and critical thinking.
- To learn about how to become a creative and critical thinker.
- To know about recognizing and evaluating assumptions made for innovative design.

#### Objectives:

- To ensure that students develop understanding of thinking processes and understand what is meant by creative and critical thinking.
- To make students learn some strategies that they can apply to foster both creative and critical thinking skills
- To understand how they can combine approaches from both critical and creative thinking skills to enrich and deepen their learning experience.
- To enhance skills and learning dispositions that support logical, strategic, flexible and adventurous thinking.

Dr. H. A. Tonday  
IIC President

Dr. R. S. Pawar  
Principal

Photos of Event:



## 5. Workshop on “Entrepreneurship and Innovation as Career Opportunity: Make your Idea Rule”

FORMAT NO. STC/PR19/F/01



### Shreeyash Pratishtan's Shreeyash College of Engineering & Technology, Aurangabad



Gut No. 258, Near SRPF Camp, Satara Parlsar, Aurangabad - 431010

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<b>Name of the event:</b>	Workshop on “Entrepreneurship and Innovation as Career Opportunity: Make your Idea Rule”		
<b>Date of the event:</b>	23 <sup>rd</sup> February, 2022	<b>Academic Year:</b>	2021- 22
<b>Class of Student participants:</b>	UG & PG students (All Branch)	<b>Number of student participants:</b>	95
<b>Accompanying Staff:</b>	Prof. H. B. Chothe	<b>Number of Faculty participants:</b>	27
<b>Summary of the event:</b>			

The Institutions Innovation Council (IIC) of Shreeyash Pratishtan's Shreeyash College of Engineering & Technology Aurangabad, organised a national level one day workshop on “Entrepreneurship and Innovation as Career Opportunity: Make your Idea Rule” with focus on interpersonal skills & entrepreneurship - critical & creative thinking skills - practical entrepreneurial skills & knowledge.

The resource person was Prof. Dheeraj Kumar, Assistant Professor, Amity University Patna & Mentor, Startup Hub, MEITY, Govt of India.

The programme started with an opening remark delivered by Dr. Masarrat Sultana, Professor, Civil Engineering Department & IIC-Vice President, followed by a welcome address from Dr. R.S. Pawar, Principal, Shreeyash College of Engineering & Technology Aurangabad.

The entrepreneurship, start-up, and innovation ecosystem is a strategic asset, Prof. Dheeraj Kumar highlights the key components of start-ups, practical examples of start-ups and entrepreneurship. He discussed about the importance of innovative ideas for creating a start-up/venture. He also enlighten the challenges, success and failure theories of start-ups. He also describe that how to develop entrepreneur mindset among students.


The session ended with a round of discussion and vote of thanks by Dr. Hulas Raj Tonday, Associate Professor, Mechanical Engineering Department, IIC President.

#### Outcome:

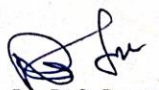
- To create awareness regarding critical & creative thinking skills
- To learn about practical entrepreneurial skills & knowledge.
- To know the real-world examples of start-ups and entrepreneurs.

#### Objectives:

- To learn about fundamentals of start-ups and entrepreneurship.
- To create awareness regarding start-ups and entrepreneurship ecosystem.
- To develop entrepreneurship mindset among students.

  
Dr. H. A. Tonday  
IIC President



  
Dr. R. S. Pawar  
Principal

Photos of Event:



Fig. 1. Talk delivered by Prof. Dheeraj Kumar.

## 6. An online “Session on Problem Solving and Ideation Workshop”

FORMAT NO. STC/PR19/F/01



### Shreeyash Pratishthan's Shreeyash College of Engineering & Technology, Aurangabad



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<b>Name of the event:</b>	An online “Session on Problem Solving and Ideation Workshop”		
<b>Date of the event:</b>	07 <sup>th</sup> March, 2022	<b>Academic Year:</b>	2021-22
<b>Class of Student participants:</b>	UG & PG students (All Branch)	<b>Number of student participants:</b>	45
<b>Accompanying Staff:</b>	Dr. A. N. Shaikh	<b>Number of Faculty participants:</b>	21

#### Summary of Event:

The Institutions Innovation Council (IIC) of Shreeyash Pratishthan's Shreeyash College of Engineering & Technology Aurangabad, organised a national level one day online “Session on Problem Solving and Ideation Workshop” with focus on innovation methodology, framework, and build on skills and tools.

The resource person was Mr. Sachin Kumbhoje, Co-founder & CEO, OpEx Accelerator Pvt. Ltd. Kolhapur, MH, He is also a start-up ecosystem enabler.

The programme started with an opening remark delivered by Dr. Hulas Raj Tonday, Associate Professor, Mechanical Engineering Department, IIC President, followed by a welcome address from Dr. R. S. Pawar, Principal, Shreeyash College of Engineering & Technology Aurangabad.

For any entrepreneurship and/or start-ups, novel idea is key element, Mr. Sachin Kumbhoje highlights 3 types of to-be-entrepreneurs' finding pain points of customers, and finding a solution for problems. He discussed about the importance of innovative ideas for creating a start-up/venture. He also enlighten about the design thinking, and types of innovation.

The session ended with a round of discussion and vote of thanks by Dr. D. Venkata Ramana, Associate Professor, Electrical Engineering Department, IIC Convener.

#### Key Outcome:


- To learn to find pain points of customer and their solutions.
- To learn about identification of problems for start-ups.
- To know about different types of innovation.

#### Objectives:

- To learn about innovation methodology and types of innovation.
- To explore about finding the problems and their solutions.
- To enlighten about framework and build on tools for start-ups.

  
Dr. H. A. Tonday  
IIC President



  
Dr. R. S. Pawar  
Principal

Photos of Event:

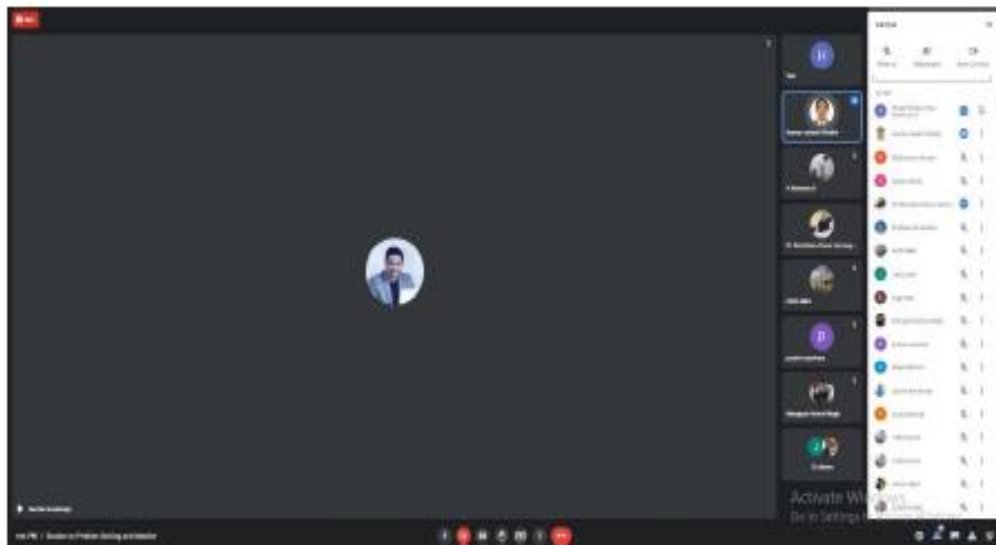


Fig: Session delivered by Mr. Sachin Kumbhoje.

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**SACHIN KUMBHOJE**  
OpEx CEO, OpEx Accelerator Pvt. Ltd.





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Organized by  
Dr. Balraj Towler, BC President | Dr. Manoranjan Sahasra, BC Vice President | Dr. S. S. Prasad, Principal

## 7. An online Session on “Achieving Problem-Solution Fit & Product Product-Market Fit”



### Shreeyash Pratishtan's Shreeyash College of Engineering & Technology, Aurangabad

FORMAT NO. STC/PR19/F/01



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Name of the event:	An online Session on “Achieving Problem-Solution Fit & Product-Market Fit”		
Date of the event:	10 <sup>th</sup> March, 2022	Academic Year:	2021- 22
Class of Student participants:	UG & PG students (All Branch)	Number of student participants:	52
Accompanying Staff:	Prof. G. S. Wayal	Number of Faculty participants:	24
Summary of Event:			

The Institutions Innovation Council (IIC) of Shreeyash Pratishtan's Shreeyash College of Engineering & Technology Aurangabad, organised a national level one day online “Session on Achieving Problem-Solution Fit & Product-Market Fit” with focus on innovation methodology, framework, and build on skills and tools.

The resource person was ~~Dr. Rahulkumar Shivajirao Hingole~~, IPR Consultant and Professor and ex-principal Mechanical Engineering Department, D Y Patil College of Engineering Akurdi, Pune. He is also a start-up ecosystem enabler.

The programme started with an opening remark delivered by Dr. Hulas Raj Tonday, Associate Professor, Mechanical Engineering Department, IIC President, followed by a welcome address from Dr. R. S. Pawar, Principal, Shreeyash College of Engineering & Technology Aurangabad. Dr. Rahulkumar Shivajirao Hingole highlights way to understand whether we should pivot or not, have to measure problem-solution fit. This process allows understanding what customers believe about the product. The better the insights and feedback collected, the better the decisions we make. Figuring out how to get the product to the entire market, how to get dominant market share; He explained Problem-Solution Fit, Product-Market Fit, and Business Model Fit. The session ended with a round of discussion and vote of thanks by Prof. S. A. Shimple, Assistant Professor Mechanical Engineering Department.

#### Key Outcome:

- To learn to find pain points of customer and their solutions.
- To learn about problem identification for start-ups and the innovative ideas.
- To know the scenario in which a company's target customers are buying, using, and telling others about the company's product in numbers large enough to sustain that product's growth and profitability.

#### Objectives:

- To learn about innovation methodology and types of innovation.
- To explore about finding the problems and their solutions.
- To enlighten about framework and build on tools for start-ups.
- To learn about fundamentals of start-ups and entrepreneurship.



  
Dr. H. A. Tonday  
IIC President



Shreeyash Pratishthan's  
**Shreeyash College of Engineering &  
 Technology, Aurangabad**

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Photos of Event:



Fig: Session delivered by Dr. Rahulkumar Shivajirao Hingole.



  
 Dr. H. A. Tondy  
 IIC President



## 8. My story- Motivational Session by Successful Entrepreneur/ Start-up Founder”

FORMAT NO. STC/PR19/F/01



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<b>Name of the event:</b>	My Story - Motivational Session by Successful Entrepreneur/Start-up Founder		
<b>Date of the event:</b>	22 <sup>nd</sup> February, 2022	<b>Academic Year:</b>	2021-22
<b>Class of Student participants:</b>	UG & PG students (All Branch)	<b>Number of student participants:</b>	45
<b>Accompanying Staff:</b>	Prof. H. B. Chothe	<b>Number of Faculty participants:</b>	30

#### Summary of the event:

The Institutions Innovation Council (IIC) of Shreeyash Pratishthan's Shreeyash College of Engineering & Technology Aurangabad, organised a session on topic "My Story - Motivational Session by Successful Entrepreneur/Start-up founder" with focus on 'risk taking opportunity & critical think' 'how to build a team, raise capital, learn from failure'.

The resource person was Ms. Kajal Rajvaidya, CEO & founder of Kajal Innovation and Technical Solution, Akola, Maharashtra.

The programme started with an opening remark delivered by Dr. Masarrat Sultana, Professor, Civil Engineering Department & IIC-Vice President, followed by a welcome address from Dr. R.S. Pawar, Principal, Shreeyash College of Engineering & Technology Aurangabad.

Having the belief that anyone who wants to can be an entrepreneur, Ms. Kajal Rajvaidya speak about her success story of setting up an enterprise in the young age. She talked about idea pitching, team building, fund raising and risk taking courage of an entrepreneur. She discussed about the importance entrepreneurial skills and learn from failure, and how to deal with failure. She also enlighten the practical challenges during creation of start-ups.

The session ended with a round of discussion and vote of thanks by Dr. Hulas Raj Tonday, Associate Professor, Mechanical Engineering Department, IIC President.

#### Outcome:


- To create awareness regarding critical thinking.
- To learn about idea pitching, team building, fund raising.
- To learn from failure, and how to deal with failure as an entrepreneur.

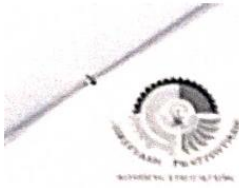
#### Objectives:

- How to learn from successful entrepreneurs.
- To explore about challenges of start-ups and entrepreneurship.

  
Dr. H. A. Tonday  
IIC President



  
Dr. R. S. Pawar  
Principal



FORMAT NO. STC/PR19/F/01

# Shreeyash Pratishthan's Shreeyash College of Engineering & Technology, Aurangabad



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## Photos of Event:




Fig. 1: Ms. Kajal Rajvaidya delivering the session.

  
Dr. H. A. Tonday  
IIC President




  
Dr. R. S. Pawar  
Principal

## 9. Rubicons 7 days programme on "Lifeskills" supported by Barclays



### Shreeyash College of Engineering & Technology



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**Name of the event:** Rubicon's "Lifeskills" Program, supported by Barclays

**Date & duration of the event:** 7 Days & 24<sup>th</sup> to 30<sup>th</sup> September 2021


**Class of students:** Final Year Students (All Branches)

**Expert / Agency for the event:** Rubicon Skill Development Pvt. Ltd., Pune

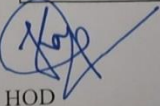
**Summary of the event:** Rubicon's "Lifeskills" Program aims at improving the employability skills of the youth. This initiative is supported by Barclays. Under this 24 hrs program, students were trained by Corporate Trainers to enhance their Lifeskills which would help them significantly to increase their chance of succeeding in a job interview. 55 students were present for the program.

**Outcome:** In the Life Skills training, topics like Organizational Structure, Public Speaking, Presentation Skills, E-mail Etiquette, Grooming, Group Discussion & Personal Interview were covered.

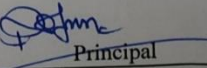
**Photographs of the event:**



Activity coordinator



HOD



Principal

## 10. One day workshop on "Intellectual Property Rights & IP Management for Start-ups"

FORMAT NO. STC/PR19/F/01



### Shreeyash Pratishthan's Shreeyash College of Engineering & Technology, Aurangabad



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Name of the event:	One Day "Workshop on Intellectual Property Rights & IP Management for Start-ups"		
Date of the event:	19 <sup>th</sup> May 2022	Academic Year:	2021- 22
Class of Student participants:	UG & PG students (All Branch)	Number of student participants:	126
Accompanying Staff:	Prof. Y A Kale, Prof. J S Shastri	Number of Faculty participants:	23

#### Summary of the event:

The Institutions Innovation Council (IIC) of Shreeyash Pratishthan's Shreeyash College of Engineering & Technology Aurangabad, organised an "workshop on intellectual property rights & IP management for start-ups" with a focus to aware students and faculties about importance of intellectual properties like patents, trademarks and copy rights and their management using modern technologies.

The resource person was Adv. Asha Sherkhane Katke, Advocate at High Court and IPR Counselor, Aurangabad, MH.

The program started with an opening remark delivered by Dr. Hulas Raj Tonday, Associate Professor, Mechanical Engineering Department, IIC President, followed by a welcome address from Dr. R.S. Pawar, Principal Shreeyash College of Engineering & Technology Aurangabad.

Intellectual property management (IP) is a system that manages intangible creations of the human intellect and primarily encompasses copyrights, patents, and trademarks. It also includes other types of rights, including publicity rights, and rights against unfair competition. Our resource person **Adv. Asha Sherkhane Katke** has delivered the talk to aware the students about the significant of intellectual properties such as patents, trademarks, copy rights, trade secrets, and how the entrepreneurs and start-ups are getting success by using these intellectual property rights. She also talked about the modern techniques and processes of IP management and their importance.

The talk and awareness session has ended with a round of discussion and vote of thanks by Prof. Y. A. Kale, Asst. Prof. at the Electrical Engineering Department.

#### Outcome:

- To learn and create awareness regarding intellectual property.
- To learn about IP management and related tools .
- To develop intellectual properties to become entrepreneur.

#### Objectives:

- To encourage students to participate on IPR activities.
- To use IPR to become entrepreneurs and secure their intellectual properties.
- To teach students about IP management and concerned modern technologies.



  
Dr. H. A. Tonday  
IIC President



Shreeyash Pratishthan's  
**Shreeyash College of Engineering &  
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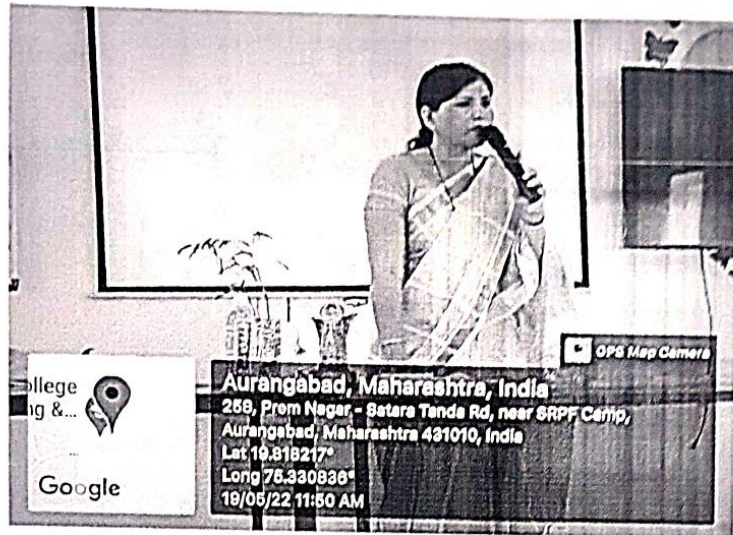
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**Photos of Event:**



Our resource person Adv. Asha Sherkhane Katke was delivering the talk.



Students and Faculties participants in the talk



*H.A.*  
 Dr. H. A. Tonday  
 IIC President



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Shreeyash Pratishthan's  
Shreeyash College of Engineering &  
Technology, Aurangabad



Institution's Innovation Council

*Welcomes you in*



**Workshop on Intellectual  
Property Rights (IPR) and IP  
Management for Start-up**



Save The Date  
19 May 2022  
11.00 AM Onwards

**Speaker**

**Adv. Asha Sherkhane**

B.A, LLB, LLM, DLL, DCYL, DMJ&FS, NET,  
SET, Ph.D Scholar.

Advocate at High Court and IPR  
Counselor



Organized by

**Department of  
Electrical Engineering**

**Dr. R. S. Pawar  
Principal**

Fig.: Banner of the Event.



Dr. H. A. Tonday  
IIC President

## 11. Expert lecture on “Patenting Innovative Ideas- risks involved”



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**Name of the event:** Expert lecture on “ Patenting Innovative Ideas –risks involved ” by  
Dr D. Venkata Ramana, 1-Session conducted for Faculty.

**Date of the event:** 20<sup>th</sup> May, 2022

**participants:** Faculty - All Branches

**Accompanying Staff:** Prof. J S Shastry, HOD, EE

### Summary of the event:

The Electrical engineering department of Shreeyash Pratishthan's Shreeyash College of Engineering & Technology Aurangabad, organised a national level one day Expert lecture on “Patenting Innovative Ideas –risks involved” with focus on battery innovation, threats to be calculated, converting into publication and granting process of patenting.

The resource person was Dr D. Venkata Ramana, Professor, EE department. He is alumni of NIT, and obtained Ph. D from Vel - Tech Dr. Rangarajan and Dr. shaguntala technical university, Chennai

The programme started with an opening remark delivered by Prof. J. S. Shastry, HOD, Electrical Engineering Department, followed by a welcome address from Dr. R. S. Pawar, Principal, Shreeyash College of Engineering & Technology Aurangabad.

For any company/consultancy and/or start-ups, risk for profit oriented innovation is key element, Dr. D. Venkata Ramana has highlighted things to be considered before taking up Patenting, evaluation framework for patenting strategies. He discussed about the importance of Patenting to get/commercialising any innovation with authenticity. He also enlightened about the fund raising issues, design thinking, and types of innovation.

The session ended with a round of discussion and vote of thanks by Prof, J. S. Shastry, HOD, Electrical Engineering Department,.

### Key Outcome:


- To learn to take up patenting innovation idea.
- To learn about requirement of patenting to convert it into commercialisation.
- To know about financial requirements to patenting,

### Objectives:

To learn about attitude and behaviour research, development, patents, consultancy.

To learn about significance of Patenting of innovation.  
To enlighten about innovative idea into business.  
To learn about fundamentals of Patenting;  
To create awareness regarding Patenting;  
How to encourage technical people on Patenting;  
To explore about patenting and consultancy.  
Patent helps for start-up and entrepreneurship process.

  
Patent co-ordinator  
Dr. D V Ramana

  
HOD  
2/8/22  
Prof. J S Shastry

  
Principal  
Dr. B M Patil



## 12. Innovative Idea competition to create Innovators and Entrepreneurs

FORMAT NO. STC/PR19/F/01



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**Shreeyash College of Engineering & Technology, Aurangabad**  
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**431010**



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**Name of the event:** Pitching Event for Ideas Scouted & linkage with Innovation Ambassadors for mentorship support "innovative idea pitching competition"  
**Date of the event:** 16<sup>th</sup> November, 2021  
**Class of Student participants:** UG & PG students (All Branch)  
**Accompanying Staff:** All IIC Team, All HoDs, Faculty members

### Summary of the Event:

The Institutions Innovation Council (IIC) of Shreeyash Pratishthan's Shreeyash College of Engineering & Technology Aurangabad organised a one day pitching event for ideas scouted & linkage with innovation ambassadors for mentorship support "innovative idea pitching competition". This event was organized to engage the students in creative thinking, innovative thinking process. This event is conducted with focus to connect students with innovators and entrepreneurs.

The programme is started with an opening remark delivered by Dr. Masarrat Sultana, Professor, Civil Engineering Department, IIC vice-president, followed by a preamble from Dr. R. S. Pawar, Principal, Shreeyash College of Engineering & Technology Aurangabad.

The innovation ambassador Mr. Kerron Vaishnav, Founder & National Secretary, Disha International Foundation Trust, Aurangabad has delivered his thoughts on innovation, incubation and ideation activities. He was invited as the jury member to judge the innovative ideas pitched by students. The IIC members had also been there for coordination with participants.

There were 25 groups of participants presented their innovative ideas in front of jury members through slide presentation. The feedbacks have been also collected from several students.

The session ended with an interactive session and vote of thanks proposed by Dr. Hulas. A. Tonday, Associate Professor, Mechanical Engineering Department, IIC President.


### Key Outcomes:

To engage the students in creative thinking, innovative thinking process  
To encourage students to involve themselves in innovation and ideation.  
To train students for national and international level hackathons and competitions  
To support students to convert their innovative ideas into businesses.



**Objectives:**

- To connect students with innovators and entrepreneurs.
- To identify and acquire early-stage ideas of students.
- To improve relations between students with innovation ambassadors and funders.
- To train the students that how to pitch their ideas.

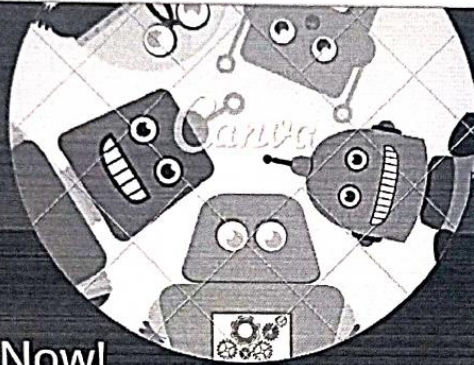
  
IIC President



Banner of Event



Shreeyash Pratishthan's  
**Shreeyash College of Engineering &  
Technology, Aurangabad**



**Register Now!**

*It's time for SYCET IIC's*

# INNOVATIVE IDEA PITCHING COMPETITION

*Transform your Idea into Business*

More Details: <https://sycet.org>

**Venue: Shreeyash College of Engineering & Technology Aurangabad**

**November 16, 2021 • 11AM to 05PM**

Organizer:

**IIC Members  
SYCET**

**Dr. R. S. Pawar  
Principal**

**Hon. P Mashalkar  
Director**

<http://sycet.org/>

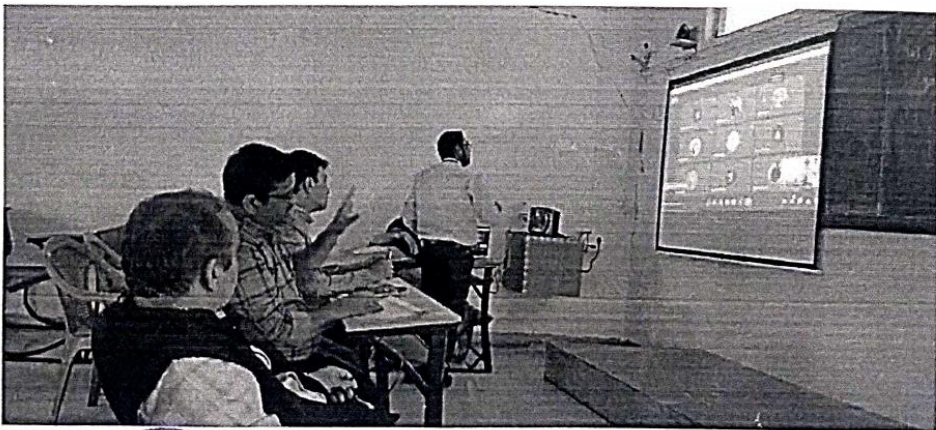
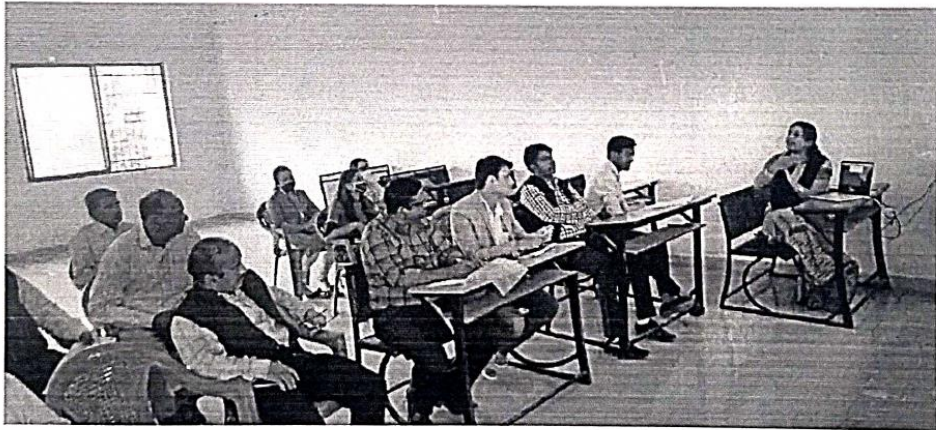
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*HR*  
IIC President



Photo Gallery of Events:



### 13. Motivational Session by Successful Innovators

FORMAT NO. STC/PR19/F/01



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Name of the event: My Story - Motivational Session by Successful Innovators.  
Date of the event: 3<sup>rd</sup> JAN, 2022  
Class of Student participants: UG & PG students (All Branch)  
Accompanying Staff: Prof .S. A. Shimple

#### Summary of the event:

The Institutions Innovation Council (IIC) of Shreeyash Pratishthan's Shreeyash College of Engineering & Technology Aurangabad, organised a national level one day online Expert talk on My Story - Motivational Session by Successful Innovators on 3<sup>rd</sup> JAN, 2022at 02:00 PM.

The resource person was Mr.Ajit karhle from AVRO TECHNOLOGIES Aurangabad. Mr.Ajit karhle started his own Business in field of Healthcare and a Successful Innovator. The programme started with an opening remark delivered by Dr. Hulas Raj Tonday, Associate Professor, Mechanical Engineering Department, IIC President, followed by a welcome address from Dr. R. S. Pawar, Principal, Shreeyash College of Engineering & Technology Aurangabad.

Participant Understand the different opportunities in the field of healthcare business and Innovations in the field of organic food. The session ended with a round of discussion and vote of thanks by Prof.S.A.Shimple Asist. Professor, Mechanical Engineering Department, IIC Convener.

#### Key Outcome:

- To understand the how to become successful businessman.
- Challenges in business
- To learn about how to commercialize innovations.
- Participant lean about different opportunities in Innovation.




  
Dr. H. A. Tonday  
IIC President

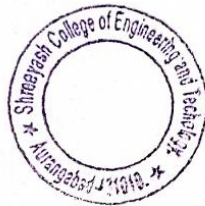
**Objectives:**

To explore about finding the innovative idea

To enlighten about challenges in innovations

To create awareness regarding commercialisation of innovations.

  
IIC President



## 14. Workshop on “Entrepreneurship and Innovation as Career Opportunity: Make the Idea Rule”



### Shreeyash Pratishthan's Shreeyash College of Engineering & Technology, Aurangabad

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<b>Name of the event:</b>	Workshop on “Entrepreneurship and Innovation as Career Opportunity: Make your Idea Rule”		
<b>Date of the event:</b>	23 <sup>rd</sup> February, 2022	<b>Academic Year:</b>	2021- 22
<b>Class of Student participants:</b>	UG & PG students (All Branch)	<b>Number of student participants:</b>	95
<b>Accompanying Staff:</b>	Prof. H. B. Chothe	<b>Number of Faculty participants:</b>	27
<b>Summary of the event:</b>			

The Institutions Innovation Council (IIC) of Shreeyash Pratishthan's Shreeyash College of Engineering & Technology Aurangabad, organised a national level one day workshop on “Entrepreneurship and Innovation as Career Opportunity: Make your Idea Rule” with focus on interpersonal skills & entrepreneurship - critical & creative thinking skills - practical entrepreneurial skills & knowledge.

The resource person was Prof. Dheeraj Kumar, Assistant Professor, Amity University Patna & Mentor, Startup Hub, MEITY, Govt of India.

The programme started with an opening remark delivered by Dr. Masarrat Sultana, Professor, Civil Engineering Department & IIC-Vice President, followed by a welcome address from Dr. R.S. Pawar, Principal, Shreeyash College of Engineering & Technology Aurangabad.

The entrepreneurship, start-up, and innovation ecosystem is a strategic asset, Prof. Dheeraj Kumar highlights the key components of start-ups, practical examples of start-ups and entrepreneurship. He discussed about the importance of innovative ideas for creating a start-up/venture. He also enlighten the challenges, success and failure theories of start-ups. He also describe that how to develop entrepreneur mindset among students.


The session ended with a round of discussion and vote of thanks by Dr. Hulas Raj Tonday, Associate Professor, Mechanical Engineering Department, IIC President.

#### Outcome:


- To create awareness regarding critical & creative thinking skills
- To learn about practical entrepreneurial skills & knowledge.
- To know the real-world examples of start-ups and entrepreneurs.

#### Objectives:

- To learn about fundamentals of start-ups and entrepreneurship.
- To create awareness regarding start-ups and entrepreneurship ecosystem.
- To develop entrepreneurship mindset among students.

  
Dr. H. A. Tonday  
IIC President



  
Dr. R. S. Pawar  
Principal



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**Photos of Event:**

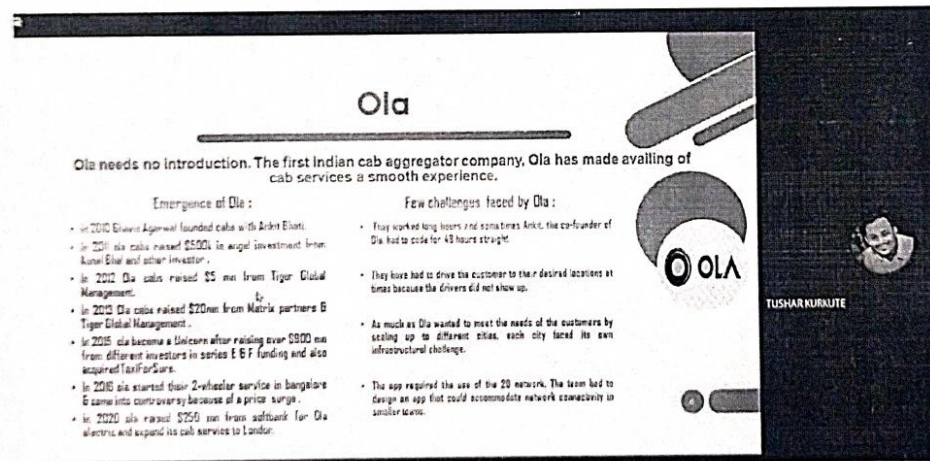


Fig. 1. Talk delivered by Prof. Dheeraj Kumar.

Dr. H. A. Tonday  
IIC President



Dr. R. S. Pawar  
Principal



## 15. Webinar on “Role of Technology in Revolutionizing Construction Industry”



Shreeyash Pratishthan's  
**Shreeyash College of Engineering &  
Technology, Aurangabad**

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<b>Name of the event:</b>	National Science Day Celebration and a Webinar on “Role of Technology in Revolutionizing Construction Industry”		
<b>Date of the event:</b>	28 <sup>th</sup> February, 2022	<b>Academic Year:</b>	2021-22
<b>Class of Student participants:</b>	UG & PG students (All Branch)	<b>Number of student participants:</b>	82
<b>Accompanying Staff:</b>	Prof. V. Nimbhore	<b>Number of Faculty participants:</b>	30
<b>Summary of Event:</b>			

The Institutions Innovation Council (IIC) of Shreeyash Pratishthan's Shreeyash College of Engineering & Technology Aurangabad, organized a National Science Day Celebration and a webinar on "Role of Technology in Revolutionizing Construction. Industry" with a focus to spread the message of the importance of science and its application among the people.

The program started with an opening remark delivered by Dr. Masarrat Sultana, Associate Professor, Civil Engineering Department, IIC-Vice President, followed by a welcome address from Dr. R. S. Pawar, Principal. Shreeyash College of Engineering & Technology Aurangabad. Prof. S A Behere, HoD, Civil Engineering have expressed their thought on the augmentation and utilization of science and technology for real problem-solving. Some of the students have expressed their thought on science and its application. Our Resource person was Ar. Nahida Shaikh, Green building consultant, Greenville.

An online session on "role of technology in revolutionizing construction industry" is delivered by Ar. Nahida Shaikh. She highlights ways to understand the implementation of science in the field of construction industries and interior designing. She also elaborated the need of advanced technology such as robotics, machine learning, sustainable manufacturing, artificial intelligence and data science for betterment. The session ended with a round of discussion with participants and a vote of thanks by Dr. H. A. Tonday, Associate Professor, Mechanical Engineering Department.

### Outcome:


- To focus on scientific concepts for innovative projects.
- To learn about the importance of science in development of modern technology.
- Scenario in which a company's target Construction technology can positively impact the industry and change it for the betterment.

### Objectives:

- To motivate students to take part in the field of science.
- To encourage students to demonstrate various innovative science projects
- To teach students the necessity of scientific principles and concepts.

  
Dr. H. A. Tonday  
IIC President



  
Dr. R. S. Pawar  
Principal



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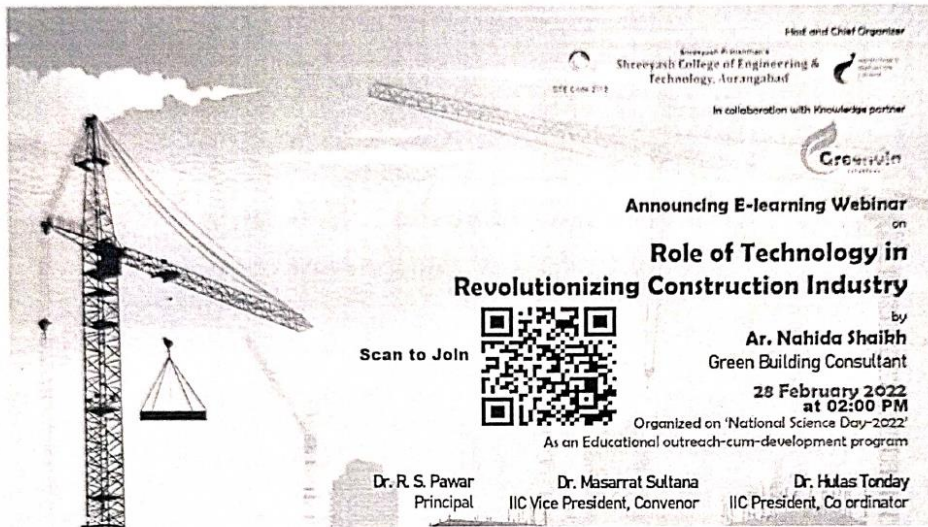



Fig: poster of the event.



  
Dr. H. A. Tonday  
IIC President

  
Dr. R. S. Pawar  
Principal

## 16. Webinar on “Entrepreneurship Skills-Attitude and Behaviour Development

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Name of the event:	An online webinar on “Entrepreneurship Skills- Attitude and Behaviour Development”
Date of the event:	08 <sup>th</sup> March, 2022
Class of Student participants:	UG & PG students (All Branches)
Accompanying Staff:	Dr. D Venkata Ramana

### Summary of the event:

The Institutions Innovation Council (IIC) of Shreeyash Pratishthan's Shreeyash College of Engineering & Technology Aurangabad, organised a national level one day online webinar on “Entrepreneurship Skills- Attitude and Behaviour Development” with focus on adaptive mindset to take up the risk for profit oriented innovation technology, framework, and build on skills and tools.

The resource person was Mr. Sheshnag Chitlur Srinivasa, Co-founder of Sunintown Renewables Pvt Ltd and also winner of First India Solar Hackathon - 2016 powered by new energy nexus and California clean energy fund.

The programme started with an opening remark delivered by Dr. Hulas Raj Tonday, Associate Professor, Mechanical Engineering Department, IIC President, followed by a welcome address from Dr. R. S. Pawar, Principal, Shreeyash College of Engineering & Technology Aurangabad.

For any entrepreneurship and/or start-ups, risk for profit oriented innovation is key element, Mr. Sheshnag Chitlur Srinivasa highlighted things to be considered before taking up entrepreneurship, evaluation framework for market segmentation, and financial tree. He discussed about the importance of innovative ideas for creating a start-up/venture. He also enlightened about the fund raising issues, design thinking, and types of innovation.

The session ended with a round of discussion and vote of thanks by Dr. D. Venkata Ramana, Associate Professor, Electrical Engineering Department, IIC Convener.

### Key Outcome:


- To learn to take up calculated risk to be entrepreneurship.
- To learn about market segmentation.
- To know about Financials & key value drivers.

HR  
IIC President



**Objectives:**

- To learn about attitude and behaviour development for entrepreneurship.
- To learn founder dream and company goals.
- To enlighten about fund raising issues.
- To learn about fundamentals beachhead market;
- To create awareness regarding Customer Value Proposition;
- How to learn from successful entrepreneurs;
- To explore about challenges of start-ups and entrepreneurship;
- Competitive advantages of start-up and entrepreneurship on society.
- To develop a risk for profit oriented entrepreneurship mindset among students;

  
IIC President



## 17. National Start-up Day



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Shreeyash College of Engineering & Technology, Aurangabad  
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**Name of the event:** "National Start-up day"  
**Date of the event:** 17<sup>th</sup> January, 2022  
**Class of Student participants:** UG & PG students (All Branch)  
**Accompanying Staff:** Prof. Vijay H Nimbhore and Dr. Masarrat Sultana

### Summary of the event:

The Institutions Innovation Council (IIC) of Shreeyash Pratishthan's Shreeyash College of Engineering & Technology Aurangabad celebrated "National Start-up day" to catalyse start-up culture and build a strong and inclusive ecosystem for innovation and entrepreneurship. The resource person was Mr. Ajit Karhle, Member, Start ups, Aurangabad. The programme started with an opening remark delivered by Dr. Masarrat Sultana, Professor, Civil Engineering Department, IIC Vice President, followed by a preamble from Dr. R. S. Pawar, Principal, Shreeyash College of Engineering & Technology Aurangabad.

Start ups are the people who are converting their ideas into business models. A start-up is a young company established by one or more entrepreneurs to create unique and irreplaceable products or services. It aims at bringing innovation and building ideas quickly.

Innovations are a process of translating an idea or invention into a good or service that creates value for which customers will pay. Mr. Ajit Karhle discussed start-up can be a company or a limited liability partnership engaged in a business which involves innovation, development, deployment or commercialisation of new products, processes or services driven by technology or intellectual property. He discussed Start ups are young companies founded to develop a unique product or service, bring it to market and make it irresistible and irreplaceable for customers. Rooted in innovation, a start-up aims to remedy deficiencies of existing products or create entirely new categories of goods and services, disrupting entrenched ways of thinking and doing business for entire industries. Start-ups aim to build on ideas very quickly.

The session ended with an interactive session and vote of thanks proposed by Dr. H. A. Tonday, Associate Professor, Mechanical Engineering Department, IIC President.

### Key Outcomes:

To learn about the concept of start ups  
To learn about economic growth, innovation and employment opportunities  
To ease the patent filing approach

### Objectives:

To encourage students to grow by generating capital.  
A start-up aims to create an entirely new template.  
To promote new technology/ knowledge/ innovation based start-ups.  
To provide a platform for speedy commercialisation of technology developed by new entrepreneurs.  
To build a vibrant start-up ecosystem, by establishing a network between academia, financial institutions, industries, and other institutes.



  
Dr. H. A. Tonday  
IIC President

## 18. A National awareness programme (NLAP) on Entrepreneurship

FORMAT NO. STC/PR19/F/01



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Name of the event: "National Innovation day"&  
A National Level Awareness Programme (NLAP) on  
Entrepreneurship  
Date of the event: 26<sup>th</sup> November, 2021  
Class of Student  
participants: UG & PG students (All Branch)  
Accompanying Staff: Dr. Hulas Tonday, Dr. Masarrat Sultana, Prof. Saad Siddiqui

### Summary of the event:

The Institutions Innovation Council (IIC) of Shreeyash Pratishthan's Shreeyash College of Engineering & Technology Aurangabad celebrated "National Innovation day & A National Level Awareness Programme (NLAP) on Entrepreneurship" to create awareness for innovation and motivate students to create enduring products for future generations.

The resource person was Mr. N. N. Estolkar, Joint Director, MSME-DI, Aurangabad. The programme started with an opening remark delivered by Dr. Masarrat Sultana, Professor, Civil Engineering Department, IIC Vice President, followed by a preamble from Dr. R. S. Pawar, Principal, Shreeyash College of Engineering & Technology Aurangabad.

Innovations are a process of translating an idea or invention into a good or service that creates value for which customers will pay. Mr. N. N. Estolkar discussed as Innovation to be considered as one of the overused terms of this generation. It is an action of inventing a new method, product, idea, and so on. On the day young innovators and business leaders come together to celebrate the change in their particular industry and seek solutions for tomorrow's challenges. In an era of increasing complexity and competition, students must have a platform to work face to face and look beyond to solve problems. It's an inventive thought process which results in surprising conclusions and new ways of doing things. He also discussed about how an inventor can create new ideas and solve problems that come across in the day to day life.

The session ended with an interactive session and vote of thanks proposed by Dr. Hulas. A. Tonday, Associate Professor, Mechanical Engineering Department, IIC President.

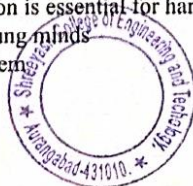
### Key Outcomes:

- To learn about the concept of innovation.
- To raise the awareness of the role of creativity and innovation in all aspects of human development.
- To encourage new inventions and creative ideas from students.
- To come up with their own ideas

### Objectives:

- To encourage students to use new ideas, make new decisions and do creative thinking.
- To embrace the idea that innovation is essential for harnessing the economic potential
- To appreciate the creativity of young minds
- To generate ideas that solve problem

*HR*  
IIC President



## 19. Expert talk on "Incubation Management to Improve Graduate Competency"



### Shreeyash Pratishtan's Shreeyash College of Engineering & Technology, Aurangabad

FORMAT NO. STC/PR19/F/01



Gut No. 258, Near SRPF Camp, Satara Parisar, Aurangabad - 431010

Tel: (240) 6608701/702/777 Fax: +91 240 6608709, Email: principal@sycet.org, Web: <http://sycet.org> & [www.syp.ac.in](http://www.syp.ac.in)

Name of the event:	Expert Lecture on "Incubation Management to Improve Graduate Competency"
Date of the event:	23 <sup>rd</sup> February, 2022
Class of Student participants:	UG & PG students (All Branch)
Accompanying Staff:	Dr. D. Venkata Ramana

#### Summary of the event:

The Institutions Innovation Council (IIC) of Shreeyash Pratishtan's Shreeyash College of Engineering & Technology Aurangabad, organised an online expert lecture on "Incubation Management to Improve Graduate Competency" with focus on development of incubation and pre-incubation centres and their role on nurturing students and entrepreneurs.

The resource person was Dr. G. K. Awari, Head, Automobile Engineering Department, Govt. Polytechnic, Nagpur.

The programme started with an opening remark delivered by Dr. Masarrat Sultana, Professor, Civil Engineering Department & IIC-Vice President, followed by a welcome address from Dr. R.S. Pawar, Principal, Shreeyash College of Engineering & Technology Aurangabad.

The basic purposes of the incubator are to develop new entrepreneurs, to contribute to the economic and social development of the region. Dr. G. K. Awari elaborated the importance of incubation and pre-incubation centres and their functions to create new entrepreneurs. He also describes about types of incubation centres and their features.

The session ended with a round of discussion and vote of thanks by Dr. Hulas Raj Tonday, Associate Professor, Mechanical Engineering Department, IIC President.

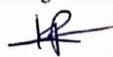
#### Outcome:

- To learn about importance of incubation and pre-incubation centres for nurturing students and new entrepreneurs.
- To know the functions and features of incubation and pre-incubation centres.

#### Objectives:

- To create awareness regarding development of incubation and pre-incubation centres in institutes.
- To learn about fundamentals of incubation and pre-incubation centres.
- To create awareness regarding start-ups and entrepreneurship ecosystem.
- To discuss the importance of college incubators in stimulating academic entrepreneurship



  
Dr. H. A. Tonday  
IIC President

Photos of Event:

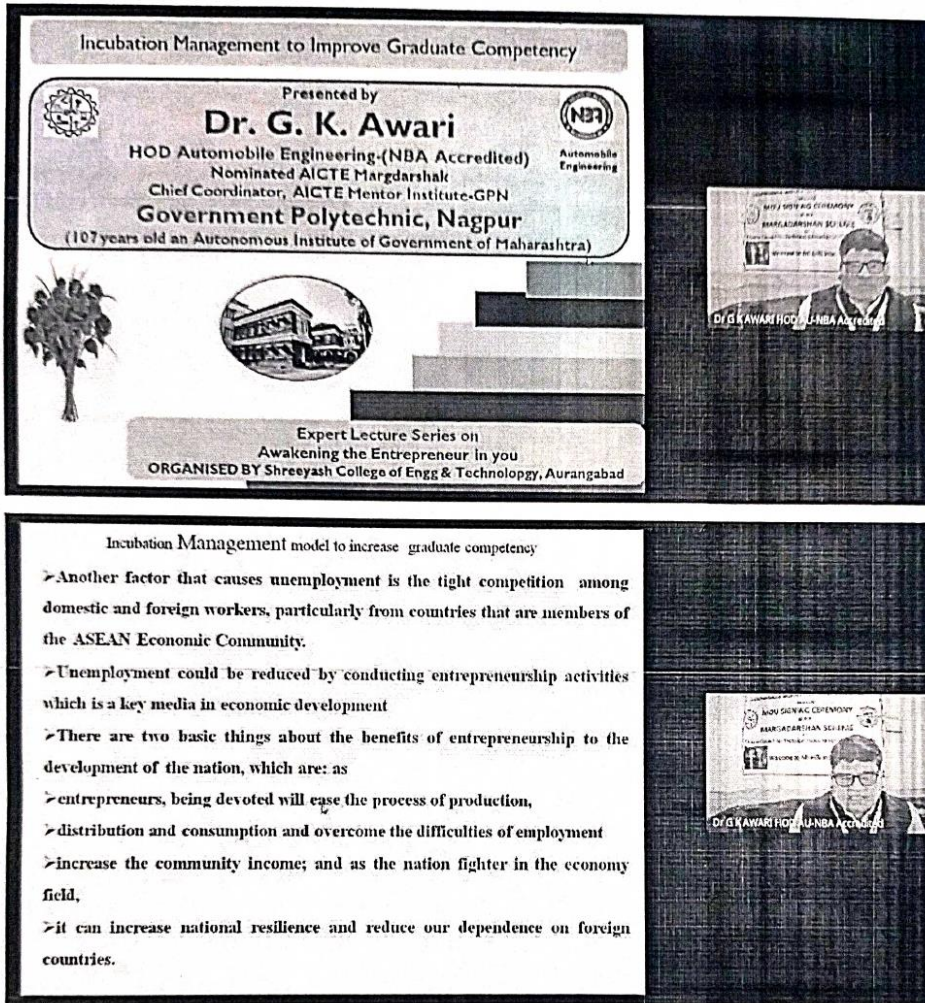


Fig.: Dr. G K Awari delivering lecture on Incubation Management to Improve Graduate Competency.



*HR*

Dr. H. A. Tonday  
IIC President



## 20. Seminar on “How to plan for start-up and legal & ethical steps”

FORMAT NO. STC/PP19/F/01



### Shreeyash Pratishthan's Shreeyash College of Engineering & Technology, Aurangabad



Gut No. 258, Near SRPF Camp, Satara Parisar, Aurangabad -  
431010

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[www.syp.ac.in](http://www.syp.ac.in)

Name of the event:	One Day Seminar on “How to plan for startup and legal & ethical steps”		
Date of the event:	17 <sup>th</sup> June 2022	Academic Year:	2021- 22
Class of Student participants:	UG & PG students (All Branch)	Number of student participants:	84
Accompanying Staff:	Dr. A.N.Shaikh, Prof. S.P.Kharde	Number of Faculty participants:	26

#### Summary of the event:

The Institutions Innovation Council (IIC) of Shreeyash Pratishthan's Shreeyash College of Engineering & Technology Aurangabad, organised an "Seminar on how to plan for startup and legal & ethical steps" with a focus to aware students and faculties about need and importance of start-ups.

The resource persons were Mr. Amit Ranjan, Chief Executive Officer, Atal Incubation Centre, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad and Dr. Naveen Khandare, Manager Incubation, Atal Incubation Centre, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad

The program started with an opening remark delivered by Dr. Masrat Sultana, Associate Professor, Civil Engineering Department, IIC Vice President, followed by a welcome address from Dr. R.S. Pawar, Principal Shreeyash College of Engineering & Technology Aurangabad.

The term startup refers to a company in the first stages of operations. Startups are founded by one or more entrepreneurs who want to develop a product or service for which they believe there is demand.

**Mr. Amit Ranjan** has delivered the talk to aware the students about the significant of startup and its different legal and ethical issues. He talked about the working of incubation center, startup cell and startup ecosystem, also explained with real time examples so student can easily understand the concept of startup.

The talk and awareness session has ended with a round of discussion and vote of thanks by Dr. H.A.Tonday, Associate Prof. at the Mechanical Engineering Department.

#### Outcome:

- To learn and create awareness regarding startup.
- To learn about startup legal and ethical issues.
- To develop incubation center for providing facilities to become entrepreneur.

#### Objectives:

- To encourage students to participate in startup activities.
- To use incubation cell facilities to become entrepreneurs and to avail benefit of government and non government schemes.
- To teach students about legal and ethical issues concerned with startup.



Dr. H. A. Tonday  
IIC President



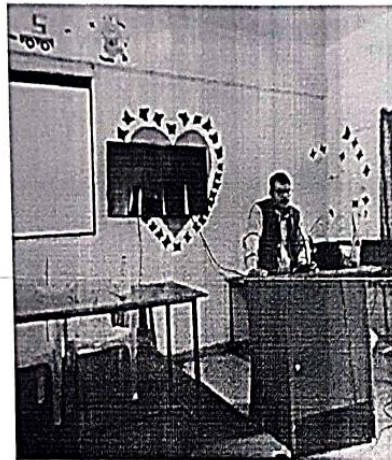
Shreeyash Pratishthan's  
**Shreeyash College of Engineering &  
Technology, Aurangabad**



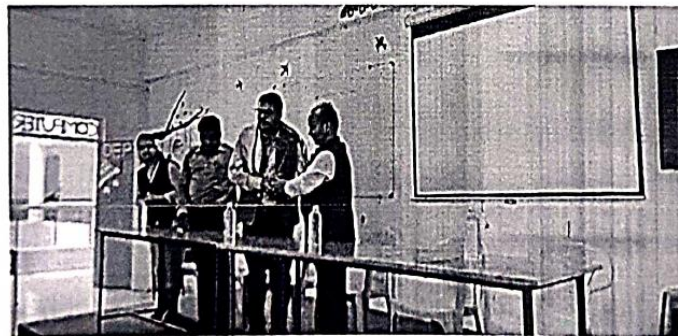
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[www.syp.ac.in](http://www.syp.ac.in)

Photos of Event:



Our resource person Adv. Asha Sherkhane Katke was delivering the talk.



Felicitation of Resource person Mr. Amlt Ranjan by Principal Dr. R.S.Pawar



Dr. H. A. Tonday  
IIC President



Shreeyash Pratishthan's  
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[www.syp.ac.in](http://www.syp.ac.in)



Students and Faculties participants in the seminar



Dr. H. A. Tonday  
IIC President

## 21. Poster Presentation on “Start-ups developed & linkages with Innovation Ambassadors for mentorship support”



### Shreeyash Pratishthan's Shreeyash College of Engineering & Technology, Aurangabad

FORMAT NO. STC/PR19/F/01



Gut No. 258, Near SRPF Camp, Satara Parisar, Aurangabad - 431010

Tel: (240) 6608701/702/777 Fax: +91 240 6608709, Email: principal@syctet.org, Web: <http://syctet.org> & [www.svp.ac.in](http://www.svp.ac.in)

<b>Name of the event:</b>	<b>Demo Day/Exhibition/Poster Presentation of Start-ups developed &amp; linkage with Innovation Ambassadors for mentorship support</b>		
<b>Date of the event:</b>	11 <sup>th</sup> June, 2022	<b>Academic Year:</b>	2021- 22
<b>Class of Student participants:</b>	UG & PG students (All Branch)	<b>Number of student participants:</b>	35
<b>Accompanying Staff:</b>	Dr. Masarrat Sultana, Prof.V.H. Nimbhore, Prof.R.H.Nimbhore	<b>Number of Faculty participants:</b>	18
<b>Summary of the event:</b>			

The Institutions Innovation Council (IIC) of Shreeyash Pratishthan's Shreeyash College of Engineering & Technology Aurangabad, organised an activity "Demo Day/Exhibition/Poster Presentation of Start-ups developed & linkage with Innovation Ambassadors for mentorship support" with a focus to create innovative posters related to environment related entrepreneurship and linkage with innovation ambassador.

The programme started with an opening remark delivered by Dr. Masarrat Sultana, Professor, Department of Civil Engineering & IIC-Vice President, followed by a welcome address from Dr. R. S. Paawar, Principal, Shreeyash College of Engineering & Technology Aurangabad.

The Environment is one of the most important tools for our survival on planet Earth. The Environment nurtures us and helps us to survive. While our individual consumption choices do make a difference, it is collective action that will create the transformative environmental change we need, so we can advance to a more sustainable and just earth, where everyone can flourish. This day aims to inspire more people than ever before to take action to prevent the growing strain on planet Earth's natural environment. Besides, the day is aimed at raising awareness regarding environmental problems and related business ideas. In this perspective the students made models which were displayed at the entrance corridor of the institute. The top three winners and participants of the competition have been distributed certificates.

#### Objectives:

- To identify and learn about the global environmental problems
- To promote students to change their attitude towards the environment
- To raise the awareness amongst the students to take appropriate measures in order to protect the environment

#### Outcome:

- Students have interacted with innovation ambassador.
- Students learned the importance of conservation and protection of environment.

  
Dr. H. A. Tonday  
IIC President



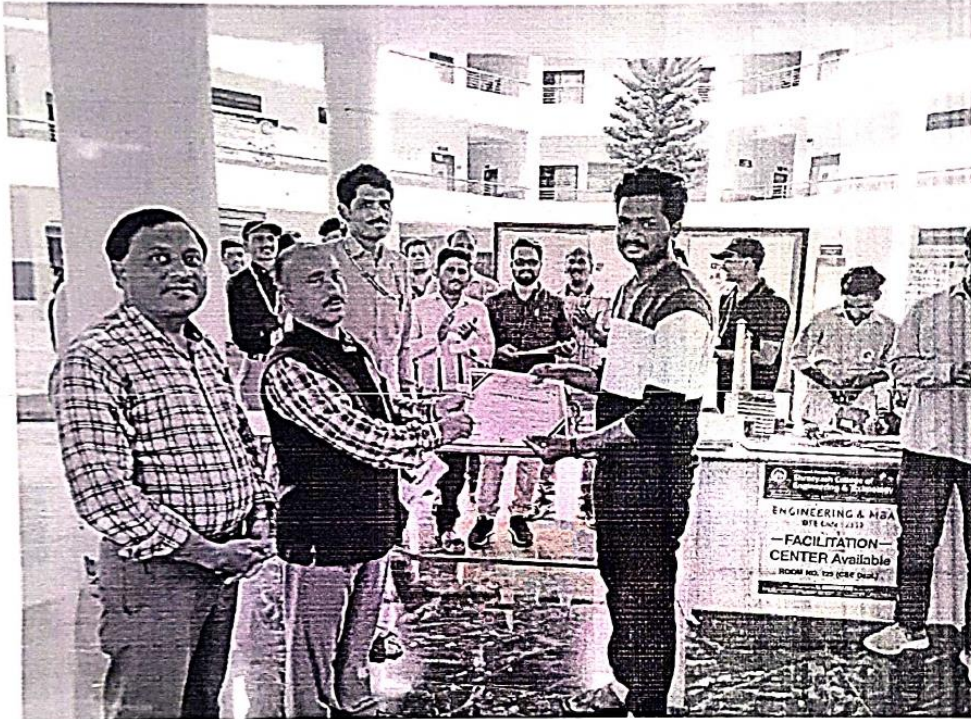
# Shreeyash Pratishthan's Shreeyash College of Engineering & Technology, Aurangabad



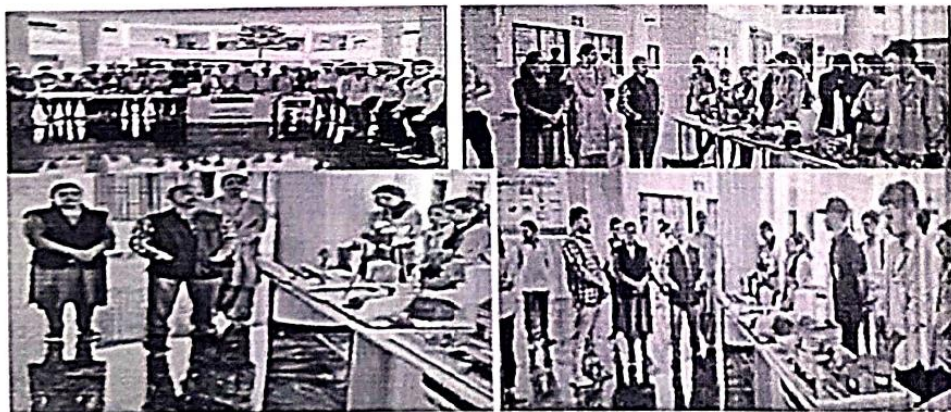
Gut No. 258, Near SRPF Camp, Satara Parisar, Aurangabad - 431010

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### Photos of Event:



Group Photo of Event



Jury members evaluating the models created by students.

Dr. H. A. Tonday  
IIC President

## 22. Session/ Panel discussion on “ Innovation and Start-up Ecosystem Enables from the region/state/national level

FORMAT NO. STC/PR19/F/01



### Shreeyash Pratishthan's Shreeyash College of Engineering & Technology, Aurangabad



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Name of the event:	Session/Panel discussion with innovation and Start-up Ecosystem Enablers from the region/state/national level		
Date of the event:	26 <sup>th</sup> August 2022	Academic Year:	2021- 22
Class of Student participants:	UG & PG students (All Branch)	Number of student participants:	60
Accompanying Staff:	Prof. S A Shimple	Number of Faculty participants:	20

#### Summary of the event:

The Institutions Innovation Council (IIC) and Department of Mechanical Engineering at Shreeyash Pratishthan's Shreeyash College of Engineering & Technology Aurangabad, organised an online “session/panel discussion with innovation and Start-up Ecosystem Enablers from the region/state/national level” with a focus to connect students and faculties with entrepreneurs and Start-up Ecosystem enablers.

The resource person were Mr. N. N. Estolkar, Joint Director, MSME-DI and Mr. Subhash Ingewar, Assistant Director, MSME-DI Aurangabad, MH.

The program started with an opening remark delivered by Dr. Hulas Raj Tonday, Associate Professor, Mechanical Engineering Department, IIC President, followed by a welcome address from Dr. B. M. Patil, Principal Shreeyash College of Engineering & Technology Aurangabad.

India is ranked 19<sup>th</sup> in the global ranking of start-up ecosystem in year 2022. Our country is outperforming in start-ups in the sectors such as education technology, transportation and logistics, E-commerce & retails, food technology, and software & data sciences. There are huge opportunities for start-ups and entrepreneurs. Thus, this event is organized to encourage students to develop entrepreneur mind-set and innovative thinking.

Our resource person **Mr. N. N. Estolkar** and **Mr. Subhash Ingewar** have enlightened about entrepreneurship and start-up ecosystem and role of ecosystem enablers in the growth of startups. They have also talked about start-up proposals, prospects, innovative and alternative solutions and achieving value-addition in businesses. Our resource persons have actively interacted with our students and faculty members and cleared their doubts regarding entrepreneurship and start-ups.

The panel discussion and awareness session has ended with a round of discussion and vote of thanks by Dr. Masarrat Sultana, Professor and Vice-President, IIC.

#### Key Objectives:

- To apprise students and faculties about start-up ecosystems and connect them with ecosystem enablers.
- To encourage students to develop entrepreneur mind-set and innovative thinking.
- To teach students about innovation ecosystem by finding innovative ways for doing conventional works.



  
Dr. H. A. Tonday  
IIC President



**Shreeyash Pratishthan's  
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**Key Outcome:**

- Learning that how the start-up ecosystem enablers guide the start-ups to flourish and grow.
- Understanding the start-up proposals, prospects, innovative and alternative solutions and achieving value-addition in businesses.

**Photos of Event:**

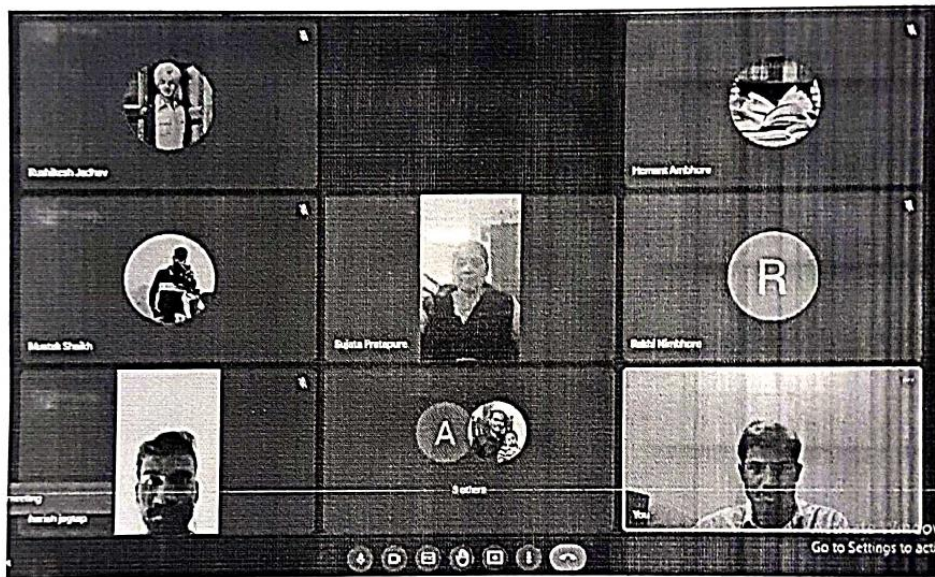


Fig. Screenshot during online panel discussion.



**Dr. H. A. Tonday  
IIC President**



# Shreeyash Pratishthan's Shreeyash College of Engineering & Technology, Aurangabad



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Shreeyash Pratishthan's  
Shreeyash College of Engineering &  
Technology, Aurangabad

DTE Code:2112

**INSTITUTION'S INNOVATION COUNCIL & MECHANICAL  
ENGINEERING DEPARTMENT, SYCET ORGANIZES**

**SESSION/PANEL DISCUSSION WITH  
INNOVATION AND STARTUP  
ECOSYSTEM ENABLERS FROM THE  
REGION/STATE/NATIONAL LEVEL**

**26/08/2022**  
**02:30 PM (IST)**

All the Students, Faculty members and staff are  
invited to join the session by using google meet link

**Organizers:** **DR. H. A. TONDAY** **DR. B. M. PATIL**  
**HOD, MECH. ENGG.** **PRINCIPAL**

Fig.: Banner of the Event.



Dr. H. A. Tonday  
IIC President



## 23. Expert talk on “Angel Investors/ Venture capital funding opportunity for Early Stage Entrepreneurs”

FORMAT NO. STC/PR19/F/01



### Shreeyash Pratishthan's Shreeyash College of Engineering & Technology, Aurangabad



Gut No. 258, Near SRPF Camp, Satara Parisar, Aurangabad - 431010

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<b>Name of the event:</b>	<b>Expert Talk on “Angel Investment/Venture capital Funding opportunity for Early Stage Entrepreneurs”</b>		
<b>Date of the event:</b>	30 <sup>th</sup> August 2022	<b>Academic Year:</b>	2021- 22
<b>Class of Student participants:</b>	UG & PG students (All Branch)	<b>Number of student participants:</b>	42
<b>Accompanying Staff:</b>	Prof. Anil Palve, Prof. Neha Quadri	<b>Number of Faculty participants:</b>	15

#### Summary of the event:

The Institutions Innovation Council (IIC) and MBA Department of Shreeyash Pratishthan's Shreeyash College of Engineering & Technology Aurangabad, organised an online expert talk on “Angel Investment/Venture capital Funding opportunity for Early Stage Entrepreneurs” with a focus to aware students and faculties about importance of angel investment and venture capital funding.

The resource person was **Mr. Vijay Deshpande**, Trainer, Consultant and Auditor (Past MCED Experience), Aurangabad.

The program started with an opening remark delivered by Prof. Anil Palve, HOD, MBA Department, followed by a welcome address from Dr. B. M. Patil, Principal of Shreeyash College of Engineering & Technology Aurangabad.

Angel investors are affluent individuals who invest their own money into startup ventures, whereas venture capital (VC) investors are employed by a risk capital company; where they invest other people's money.

Our resource person **Mr. Vijay Deshpande** has delivered the talk to aware the students about the significant of angel investment and venture capital funding. He talked about the difference between angel investment and venture capital funding and when should an early stage startup choose one between these two. He also talked about pros and cons of angel investment and venture capital funding. He aware about what an angel investor or venture capitalist look into a startup or enterprise before investing or providing funds.

The talk and awareness session has ended with a round of discussion and vote of thanks by Dr. Hulas Raj Tonday, Associate Professor, Mechanical Engineering Department, IIC President.

#### Key Objectives:

- To learn and create awareness angel investment and venture capital funding.
- To know about how prepare proposals for fund raising.
- To teach students about how to pitch their ideas among an angel investors or venture capitalists.

#### Key Outcome:

- Learned about significance of angel investment and venture capital funding.
- Knew the difference between angel investment and venture capital funding.
- Learned about Parameters to be included in an startup proposals during fund raising.



Dr. H. A. Tonday  
IIC President



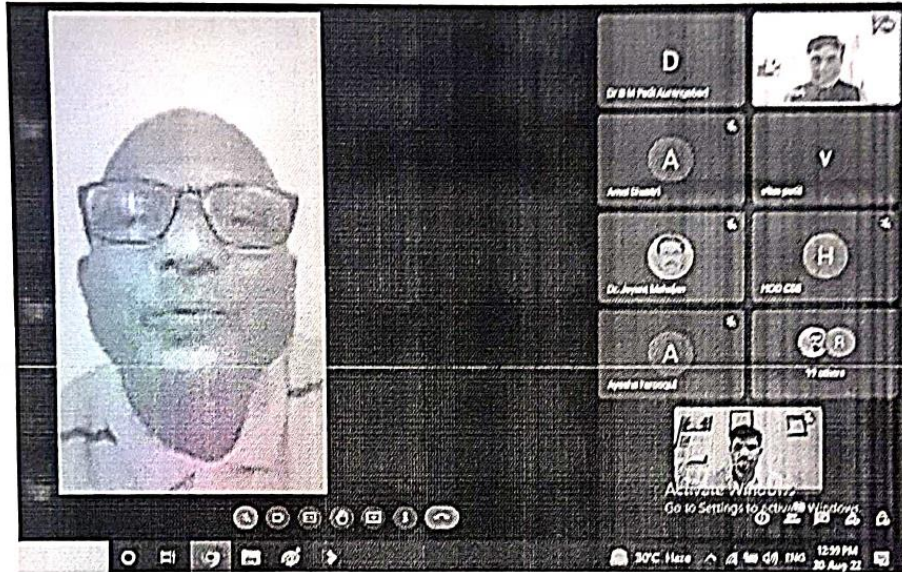
Shreeyash Pratishthan's  
**Shreeyash College of Engineering &  
Technology, Aurangabad**



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Photos of Event:



Our resource person Mr. Vijay Deshpande was delivering the talk.



  
Dr. H. A. Tonday  
IIC President



Shreeyash Pratishthan's  
**Shreeyash College of Engineering &  
Technology, Aurangabad**



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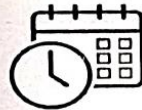


Shreeyash Pratishthan's  
**Shreeyash College of Engineering &  
Technology, Aurangabad**



DTE Code:2112

**Institution's Innovation Council &  
MBA Department of SYCET  
is organizing an online Session on  
Angel Investment/Venture capital  
Funding opportunity for Early Stage  
Entrepreneurs**

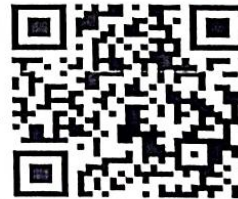


**30/08/2022  
12:00 PM (IST)**

**Eminent Speaker:**  
**Shri. Vijay Deshpande**  
Trainer, Consultant and Auditor  
(Past MCED Experience)



Scan QR to Join  
or Join using the link:  
[https://meet.google.com/  
gjg-praf-gkb](https://meet.google.com/gjg-praf-gkb)



**ORGANIZERS: IIC MEMBERS DR. B. M. PATIL  
SYCET PRINCIPAL**

<http://sycet.org/>

[shreeyashengineering](https://www.facebook.com/shreeyashengineering)

[@shreeyashcoe](https://www.instagram.com/shreeyashcoe)



Fig.: Banner of the Event.

**Dr. H. A. Tonday**  
IIC President

## 24. World Intellectual Property Day- Awareness programme and Essay writing Competition about Intellectual Property

FORMAT NO. STC/PR19/F/01



### Shreeyash Pratishthan's Shreeyash College of Engineering & Technology, Aurangabad



Gut No. 258, Near SRPF Camp, Satara Parisar, Aurangabad - 431010

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Name of the event:	World Intellectual Property Day- Awareness Program and Essay Writing Competition about Intellectual Property		
Date of the event:	26 <sup>th</sup> April 2022	Academic Year:	2021- 22
Class of Student participants:	UG & PG students (All Branch)	Number of student participants:	130
Accompanying Staff:	Dr. Masarrat Sultana	Number of Faculty participants:	27
Summary of the event:			

The Institutions Innovation Council (IIC) of Shreeyash Pratishthan's Shreeyash College of Engineering & Technology Aurangabad, organised an "awareness program and Essay writing competition about Intellectual property" on the occasion of the World Intellectual property day with a focus to apprise students and faculties about importance of intellectual properties like patents, trademarks and copy rights.

The programme started with an opening remark delivered by Dr. Masarrat Sultana, Professor, Civil Engineering Department & IIC-Vice President, followed by a welcome address from Dr. R.S. Pawar, Principal, Shreeyash College of Engineering & Technology Aurangabad.

Dr. R.S. Pawar has also delivered a talk to aware the students about the significant of intellectual properties such as patents, trademarks and copy rights and how the entrepreneurs and start-ups are getting success by using these intellectual property rights.

Prof. Behere, HoD of Civil Engineering Department, has talked on the history of intellectual property rights and encourages students and faculties to develop intellectual properties and use their ideas to become entrepreneurs.

The awareness sessions are ended with a round of discussion and vote of thanks by Dr. Hulas Raj Tonday, Associate Professor, Mechanical Engineering Department, IIC President.

After that essay writing completion has been organized by distributing the question paper and answer-sheets to the participants. The maximum time allowed for essay writing was 40 minutes.

#### Outcome:

- To create awareness regarding intellectual property.
- To learn about different intellectual property rights.
- To develop intellectual properties to become entrepreneur.

#### Objectives:

- To encourage students to participate on IPR activities.
- To use IPR to become entrepreneurs and secure their intellectual properties.



  
Dr. H. A. Tonday  
IIC President



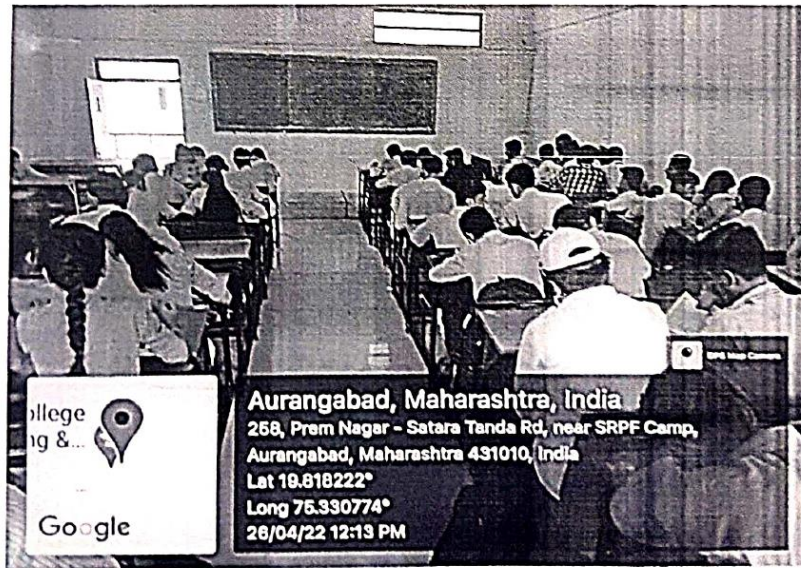
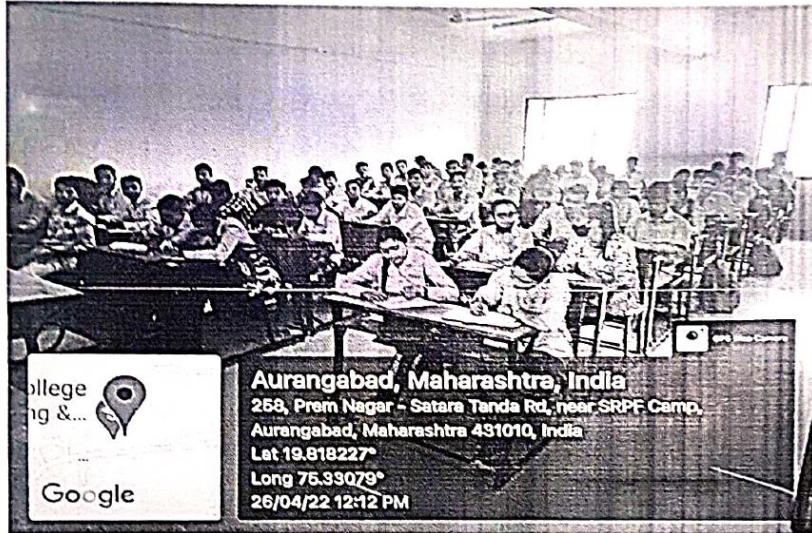
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Photos of Event:



Dr. H. A. Tonday  
IIC President



Shreeyash Pratishthan's  
Shreeyash College of Engineering &  
Technology, Aurangabad



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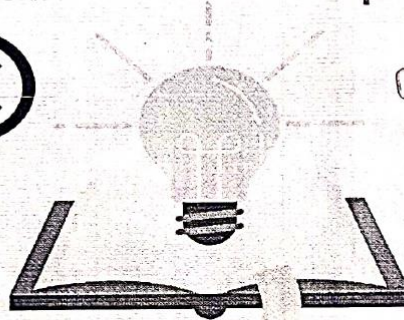


Shreeyash Pratishthan's  
Shreeyash College of Engineering &  
Technology, Aurangabad



DTE Code:2112

Institution's Innovation Council (IIC)  
organizes  
"Awareness Program and  
Essay Writing Competition  
about Intellectual Property"



**INTELLECTUAL  
PROPERTY DAY**



**26th April 2022  
11:15 AM**

Organizer:

Dr. Masarrat Sultana  
IIC Vice-President

Dr. H. R. Tonday  
IIC President

Dr. R. S. Pawar  
Principal

<http://sycet.org/> shreeyashengineering @shreeyashcoe

Fig.: Banner of the Event.



Dr. H. A. Tonday  
IIC President

## 25. Two Days workshop on “Electrical Vehicles-Challenges to be resolved”

FORMAT NO. STC/PR19/F/01



Shreeyash Pratishthan's  
Shreeyash College of Engineering & Technology, Aurangabad  
Gut No. 258, Near SRPF Camp, Satara Parisar, Aurangabad - 431010



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Name of the event:	Two days Workshop on “Electrical vehicles – Challenges to be Resolved”
Date of the event:	30 <sup>th</sup> April, and 2 <sup>nd</sup> May 2022
Class of Student participants:	UG & PG students and Faculty (All Branches)
Accompanying Staff:	Dr. D Venkata Ramana, Dr. Hulas A Tonday

### Summary of the event:

The Institutions Innovation Council (IIC) of Shreeyash Pratishthan's Shreeyash College of Engineering & Technology Aurangabad, organised a national level Two days Workshop on “Electrical vehicles – Challenges to be Resolved” with focus on battery run vehicle, charging infra, swapping, solar powered EVs.

The resource person was Dr. S Devaneyan, Director-Technical, Sathyanarayana Renewable Energy Consultancy and also He is one of the top 20 deans of Wal of fame 2020. He is alumni of NIT, IIT and felicitated by Vice-President of India.

The programme started with an opening remark delivered by Dr. D Venkata Ramana, Professor, Electrical Engineering Department, IIC convener, followed by a welcome address from Dr. R. S. Pawar, Principal, Shreeyash College of Engineering & Technology Aurangabad.

For any company/consultancy and/or start-ups, risk for profit oriented innovation is key element, Dr. S Devaneyan has highlighted things to be considered before taking up Electrical vehicles, evaluation framework for market strategies. He discussed about the importance of electrical vehicle industry and its problems facing presently. He also enlightened about the fund raising issues, design thinking, and types of innovation.

The session ended with a round of discussion and vote of thanks by Dr. Hulas A Tonday, IIC President, Associate Professor, Mechanical Engineering Dept.

### Key Outcome:

- To learn to take up calculated risk in the field of EVs.
- To learn about requirement of EVs in the society.
- To know about funding requirements to promote fleet operation, so that EVs to used by the public.



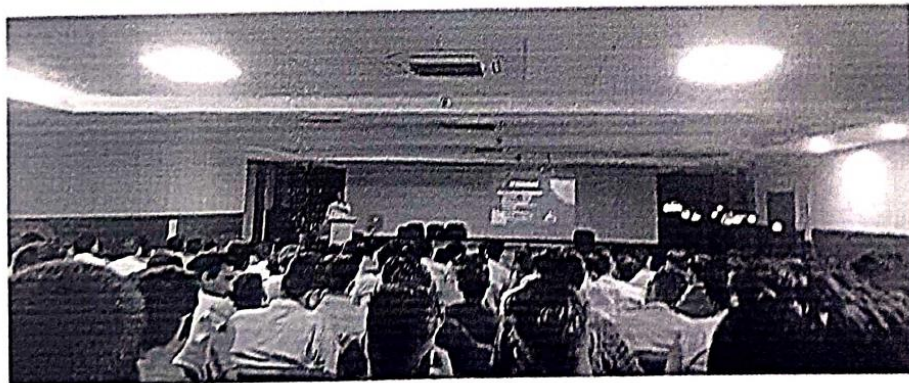
**Objectives:**

- To learn about attitude and behaviour research, development, patents, consultancy.
- To learn pollution reduction by using EVs.
- To enlighten about renewable energy and its significance.
- To learn about fundamentals of Electric vehicles;
- To create awareness regarding Electric vehicles;
- How to encourage public on Electric vehicles;
- To explore about usage and charging and challenges to be faced in running Electric vehicles;
- Competitive advantages of start-up and entrepreneurship on society.
- To develop a risk for profit oriented entrepreneurship mindset among managements, faculty and students;
- To train the students on retrofit of EVs.

**Photos of Events:**



Introduction of guest by Dr. D Venkata Ramana



Dr. S Devaneyan is delivering his talk .



  
IIC President



## 26. World Entrepreneur's day: An online session on "MSME schemes and Policies of Government of India to support Entrepreneurs"

FORMAT NO. STC/PR19/F/01



### Shreeyash Pratishthan's Shreeyash College of Engineering & Technology, Aurangabad



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Name of the event:	World Entrepreneur's Day: An online session on "MSME Schemes and Policies of Govt. of India to Support Entrepreneurs"		
Date of the event:	25 <sup>th</sup> August 2022	Academic Year:	2021- 22
Class of Student participants:	UG & PG students (All Branch)	Number of student participants:	55
Accompanying Staff:	Prof. S A Shimple	Number of Faculty participants:	26

#### Summary of the event:

The Institutions Innovation Council (IIC) and Department of Mechanical Engineering at Shreeyash Pratishthan's Shreeyash College of Engineering & Technology Aurangabad, organised an online session on "MSME Schemes and Policies of Govt. of India to Support Entrepreneurs" on the occasion of World Entrepreneur's Day with a focus to aware students, faculties and budding entrepreneurs about innovation and leadership.

The resource person was Mr. Subhash Ingewar, Assistant Director, MSME-DI Aurangabad, an institute of Ministry of MSME, Govt. of India.

The program started with an opening remark delivered by Dr. Masarrat Sultana, Professor and Vice-President, followed by a welcome address from Dr. B. M. Patil, Principal Shreeyash College of Engineering & Technology Aurangabad.


World Entrepreneurs' Day recognizes innovation and global advancement of entrepreneurship and leadership. It is well established that high-potential entrepreneurship that drives jobs at scale is born out of a culture of innovation and risk-taking. Our resource person Mr. Subhash Ingewar has enlightened about MSME schemes, policies, and funding opportunities by Ministry of MSME, Govt. of India. Our resource persons have actively interacted with our students and faculty members and cleared their doubts regarding entrepreneurship and start-ups.

The panel discussion and awareness session has ended with a round of discussion and vote of thanks by, IIC. Dr. Hulas Raj Tonday, Associate Professor, Mechanical Engineering Department, IIC President

#### Key Objectives:

- To apprise students and faculties about MSME Schemes and Policies of Govt. of India.
- To aware students and faculties about startup and MSME funding by Ministry of MSME, Govt. of India.
- To connect students with startup enabler from reputed organization.



  
Dr. H. A. Tonday  
IIC President



**Shreeyash Pratishthan's  
Shreeyash College of Engineering &  
Technology, Aurangabad**



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**Key Outcomes:**

- Students and faculties came to know about various MSME Schemes and Policies of Govt. of India.
- Students and faculties came to know about startup and MSME funding by Ministry of MSME, Govt. of India.
- Understanding the start-up proposals, prospects, innovative and alternative solutions and achieving value-addition in businesses.

**Photos of Event:**

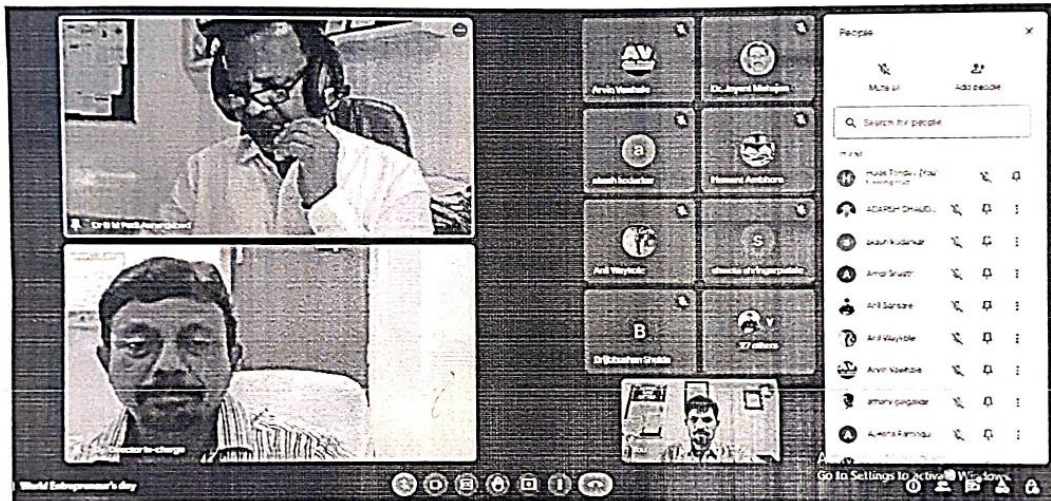


Fig. Screenshot of online webinar on the occasion of World Entrepreneur's Day.



**Dr. H. A. Tonday  
IIC President**



Shreeyash Pratishthan's  
Shreeyash College of Engineering &  
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Shreeyash Pratishthan's  
Shreeyash College of Engineering &  
Technology, Aurangabad

DTE Code:2112

**WORLD  
ENTREPRENEUR'S DAY**

Institution's Innovation Council, SYCET  
is organizing a Session on

**MSME SCHEMES & POLICIES OF GOVT. OF INDIA  
TO SUPPORT ENTREPRENEURS**

25/08/2022  
02:00 PM

Speaker:  
**Mr. Shubhash Ingewar**  
Assistant Director,  
Govt. of India, Ministry of MSME  
MSME Development Institute, Aurangabad

All the students and faculty members are invited to  
join the session by using link:  
<https://meet.google.com/gsv-kehe-mib>

Organizers: IIC MEMBERS DR. B. M. PATIL  
SYCET PRINCIPAL



Fig.: Banner of the Event.

Dr. H. A. Tonday  
IIC President

## 27. MIC driven activity on “Out of the box thinking for problem solving”

FORMAT NO. STC/PR19/F/01



### Shreeyash Pratishthan's Shreeyash College of Engineering & Technology, Aurangabad



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<b>Name of the event:</b>	MIC Driven Activity on "Out of the box thinking for problem solving"		
<b>Date of the event:</b>	28 <sup>th</sup> June 2022	<b>Academic Year:</b>	2021- 22
<b>Class of Student participants:</b>	UG & PG students (All Branch)	<b>Number of student participants:</b>	40
<b>Accompanying Staff:</b>	IIC members	<b>Number of Faculty participants:</b>	20

#### Summary of the event:

Ministry of Education's Innovation Cell (MIC) and AICTE, New Delhi organized an MIC driven activity of quarter 4 titled as "Out of the box thinking for problem solving" in an online mode through Webex and Youtube live. The speaker was Prof. Kamakoti Veezhinathan, Director, IIT Madras, Chennai.

The students, faculty members of IIC members of Shreeyash Pratishthan's Shreeyash College of Engineering & Technology Aurangabad, have watched the live session on Youtube channel of MoE Innovation Cell by clicking on provided link.

The session was very significant for students and faculties to think differently and develop creative mindset. Hon. speaker explained about creative thinking, learning through storytelling, traditional game playing, and knife-apple-stone theory. He also talked about mathematical problem solving through out of the box thinking and alternative thinking.

#### Key Objectives:

- To apprise students and faculties about problem solving through out of the box thinking.
- To encourage students to develop creative and innovative thinking.

#### Key Outcome:

- Learning that how to think creative and engage our brain in problem solving.
- Understanding the normal ways and creative ways of problem solving through mathematics.



  
Dr. H. A. Tonday  
IIC President



# Shreeyash Pratishthan's Shreeyash College of Engineering & Technology, Aurangabad



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## Photos of Event:



Fig. Screenshot of online session.



Fig. Screenshot of online session.



  
Dr. H. A. Tonday  
IIC President