

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

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7	Orientation Session on IIC 5.0	13-14
8	Expert talk on "Process of Innovation Development & Technology Readiness Level (TRL) & Commercialization of lab technologies	15-18
9	Problem Solving and Ideation Workshop	19-21
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# 1. Expert Talk on "Startup & Entrepreneurship



Shreeyash College of Engineering & Technology

Department of Electronics and Telecommunication Engineering

Name of the event: Date of the event: Class: Accompanying Staff:

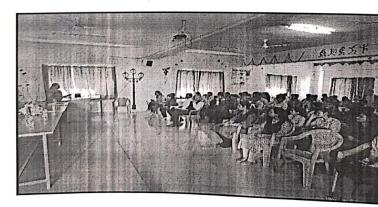
Expert Talk 10<sup>th</sup> December 2022 SE, TE & B.E. Prof. S. S. Sonone, Dr. J. R. Mahajan & ETC Dept.

Expert / Guest of the event: Mrs. Prachi Pathwardhan Joshi (Founder of INNORI by

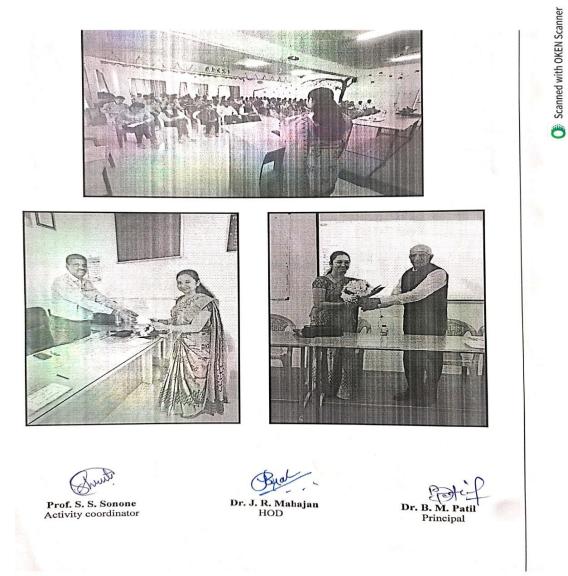
Sankalpana Creations Pvt. Ltd., Aurangabad)

Summary of the event: This is Expert talk on "Startup & Entrepreneurship", delivered by Mrs. Prachi Pathwardhan Joshi. She has got recognized by Government of India through Startup India Initiative on 18 November 2022. She has got selected for Women Entrepreneurship Program by InFED Nagpur, Maharashtra & completed incubation of 6 months in 2021. She was selected amongst top 200 startups from 11000 women lead startups all across the country through Women Startup Program 3.0, organized by Prestigious Institute NSRCEL, IIM Bangalore India; completed three months free incubation and 6 months incubation program in 2020. Currently she is pursuing incubation at Magic Aurangabad. She has focused on three basic principles of Re-think, Re-design, & Re-purpose for Startup ideas. She explained different entering ways for Entrepreneurship. She believes that waste is not waste until we waste it, with having tagline of 'Handicraft Eco-friendly Happiness'. Also she has cleared the queries raised by the students.

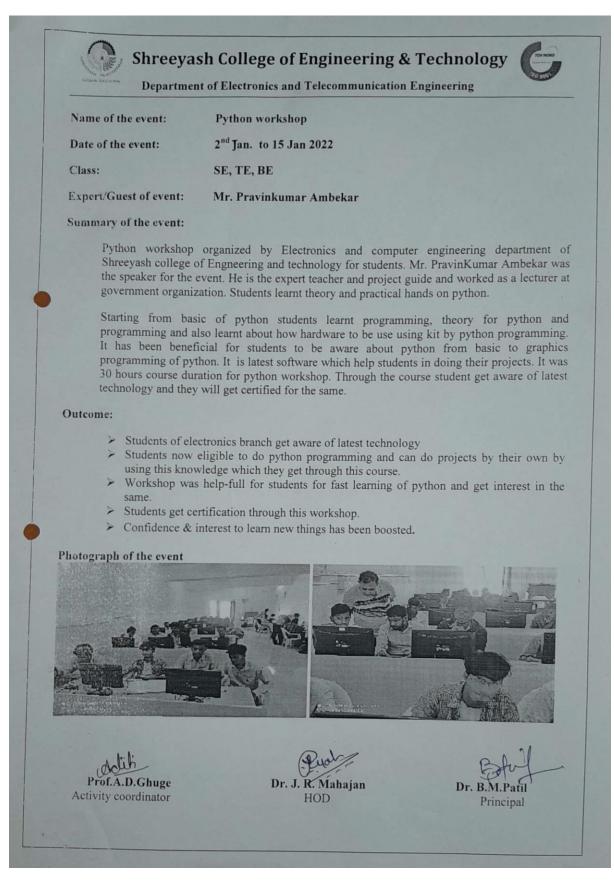
Outcome: Students come to know about various Startup programs & Entrepreneurship. Also they come to know about the ideas of employment, funding agencies & research behind it. Student also got inspired by listening to her success story.



Photographs of the event:

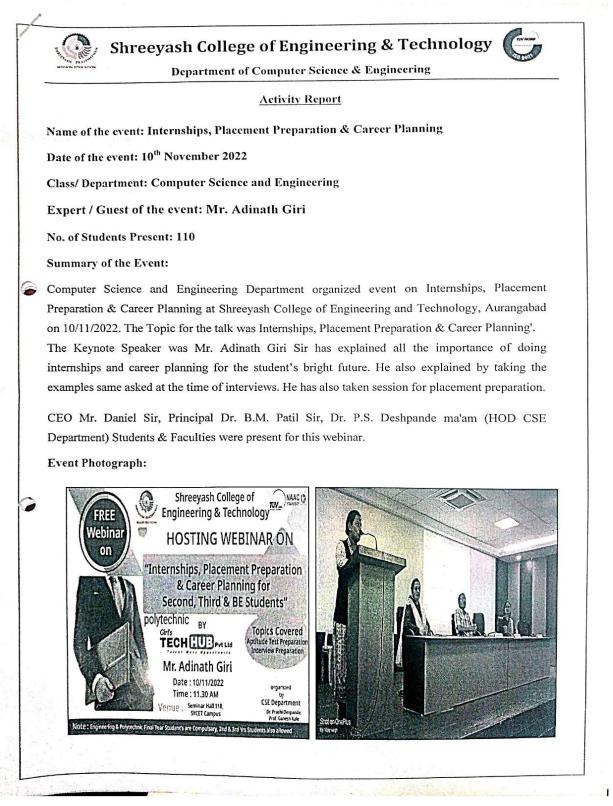


# 2. Workshop on Python





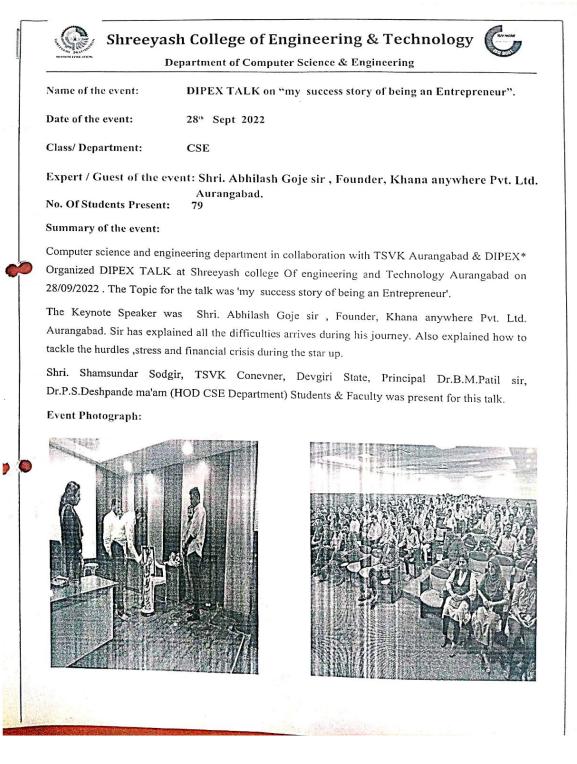
# 3. Internships, Placements & Career Planning



GPS Map Camera SPS M Aurangabad, Maharashtra, India 258, Prem Nagar - Satara Tanda Rd, near SRPF Camp, Aurangabad, Maharashtra 431010, India Lat 19.818189° Aurangabad, Maharashtra, India 258, Prem Nagar - Satara Tanda Rd, near SRPF Camp, Aurangabad, Maharashtra 431010, India Lat 19.818349° Long 75.330451° Long 75.330779° 10/11/22 12:00 PM GMT +05:30 0 10/11/22 12:08 PM GMT +05:30 Prof. S.P. Bagal Dr. P.S Deshpande Dr. B. **Activity Coordinator** HOD Principal 2

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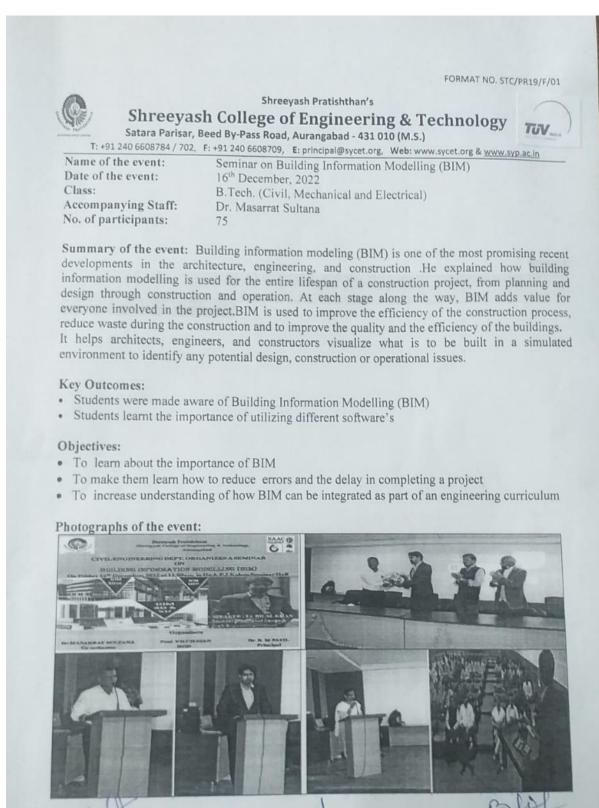
# 4. DIPEX Talk on "My success story of being an Entrepreneur



9/22 Dr. P. S. Deshpande HOD F Aluden. Prof. A. S. Farooqui Activity coordinator Dr. B. M. Patil Principal 0

8

# 5. Seminar on Building Information Modelling (BIM)



Dr.Masarrat Sultana Coordinator

9

Prof. V.B.Chavan

HOD

Dr. B.M.Patil

Principal

# 6. National Start-Up Day

FORMAT NO. STC/PR19/F/01

# MISSION EDUCATION

# 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

Name of the event:	National Startup Day Celebra	ntion	
Date of the event:	16 <sup>th</sup> January 2023	Academic Year:	2022-23
Class of Student participants:	UG & PG students (All Branch)	Number of Student Present:	60
Accompanying Staff:	Dr. A N Shaikh	Number of Faculty Present:	15

Summary of the event:

The Institutions Innovation Council (IIC), Shreeaysh Incubation centre, and all Engineering Departments of Shreeyash Pratishthan's Shreeyash College of Engineering & Technology Aurangabad, celebrated the "National Startup Day" with focus to encourage students to know about start-ups, ventures, entrepreneurship and related frameworks.

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. B. M. Patil, Principal, Shreeyash College of Engineering & Technology Aurangabad.

A session was delivered by Dr. Hulas A Tonday, HOD, Mechanical Engineering and IIC President. He talked about importance of start-ups in the economical growth of country, need of innovation and incubation for start-ups. He also talked about types of start-ups, ventures, and technology start-ups.

The awareness sessions are ended with a round of discussion and vote of thanks by Dr. Masarrat Sultana.

#### **Key Objectives:**

- To encourage students to take up entrepreneurship as a primary career option
- To provide a platform for startup entrepreneurs to discuss innovation for India's youth and their contribution to the economy
- To promote the importance of the startup initiatives and held them to be part of the mainstream.

## **Key Outcomes:**

- Students learned the importance of National Startup day.
- Students were made aware about different opportunities in Innovation and start-ups.
- Students knew about start-ups, ventures, entrepreneurship and related frameworks.

## Social media Link:

https://www.facebook.com/shreeyashengineering/photos/a.438144403034451/2255438167971723/

Dr. Masarrat Sultana IIC Vice- President Dr. H. A. Tonday IIC President



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



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**Photos:** 



Fig. 1: Photographs of the event.

Dr. Masarrat Sultana IIC Vice- President Dr. H. A. Tonday IIC President

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 Shreeyash Pratishthan's INSTITUTION'S INNOVATION COUNCIL Shreeyash College of Engineering & **Technology**, Aurangabad DTE Code:2112 Institution's Innovation Council Celebrating **NATIONAL STARTUP DAY** 

Shreeyash Pratishthan's



Fig. 2: flyer of the event

Dr. Masarrat Sultana IIC Vice- President

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

Dr. B. M. Patil Principal

FORMAT NO. STC/PR19/F/01

INSTITUTION'S

INNOVATION COUNCIL

# 7. Orientation Session on IIC 5.0



The of the country	Orientation Session on H		cutures
Date of the event:	12 <sup>th</sup> Jan. 2023	Academic Year:	2022-23
Class of Student participants:	UG & PG students (All Branch)	Number of student participants:	45
Accompanying Staff:	All IIC Members	Number of Faculty participants:	20

#### Summary of the event:

The Institutions Innovation Council (IIC) at Shreeyash Pratishthan's Shreeyash College of Engineering & Technology Aurangabad, has arranged to watch a session on topic "My Orientation Session on IIC5.0 (2022-23) & Features" through 'Youtube watch' with focus on

This event was organized by Ministry of Education MoE's Innovation Cell, Govt. of India, and uploaded on youtube platform on  $11^{\text{th}}$  January 2023. The eminent speaker was Mr. Dipan Kumar Sahu, Associate Innovation Director, MoE's Innovation Cell.

The IIC members of Shreeyash College of Engineering & Technology Aurangabad have made arrangements for watching this video on youtube. The members have encouraged and gathered the students and faculties in a hall to watch the video through projector.

At end of the session Dr. Hulas A Tonday, IIC President has briefly described about the event. All the available IIC members were present on the event.

#### **Key Objectives:**

- To know the key initiatives of the Institutions Innovation Council, MIC, and
- To understand the features of IIC 5.0.

#### **Key Outcomes:**

- Students have been provided awareness regarding key initiatives of the Institutions Innovation Council, MIC.
- Students have learnt about the features of IIC 5.0.

Use this YouTube link to join the orientation - <u>https://youtu.be/gPx6hqiQVkg</u> Facebook Link: <u>https://www.facebook.com/shreeyashengineering</u>

> Dr. H. A. Tonday IIC President



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



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# **Photos of Event:**



Fig. 1: Participants watching the Orientation Session.



Fig. 2: Orientation Session delivered by Mr. Dipan Kr. Sahu.

Dr. H. A. Tonday IIC President

# 8. Expert talk on "Process of Innovation Development & Technology Readiness Level (TRL) & Commercialization of lab technologies



Prof. J.S. Shastri HOD(EE) Dr. H.A. Tonday IIC President



Name of the event:	Expert talk on "Process of Innova Readiness Level (TRL) & Comme Transfer"		0,
Date of the event:	15 <sup>th</sup> March 2023	Academic Year:	2022-23
Class of Student participants:	UG & PG students (All Branch)	Number of student participants:	45
Accompanying Staff:	Prof. Priya A.Gulbhile	Number of Faculty participants:	24

#### Summary of the event:

The Institutions Innovation Council (IIC) and Electrical Engineering Dept of Shreeyash Pratishthan's, Shreeyash College of Engineering & Technology, Aurangabad, organised a session on topic "Process of Innovation Development & Technology Readiness Level (TRL) & Commercialisation of Lab Technologies & Tech-Transfer". This session with focus on 'what is innovation', 'how is innovation', what is invention', 'what is difference between innovation and invention', what is and how is development' etc.

The resource person was Mr. Sudarshan Dharurkar, Centre In-charge of Marathwada Auto Cluster, Aurangabad, Maharashtra.

An introductory and informative session was started by giving an examples of recent market available inventive and innovative ideas in to product. Mr.Sudarshan Dharurkar sir explained that the invention requires scientific skills. Unlikely innovation, which requires a broad set of marketing, technical and strategic skills. He continued his explanation with the invention occurs when a new idea strikes a scientist and conversely, innovation arises when a need realized for a new product or improvisation in the existing product. He was given guidance to students regarding stages of innovation and development

The session ended with a round of question-answer and discussion and vote of thanks by Dr. Prof. Priya A. Gulbhile, Electrical Engineering Department. All the IIC members were present on the seminar.

#### **Key Objectives:**

- To know what is an innovation and development
- To know why innovation is important for continuous development research
- To learn about TRL and its importance.
- To know what is difference between innovation and invention

**Key Outcomes:** 

- Students have understood the process of innovation and development
- Students have aware that innovation can lead to higher productivity, improve customer
- satisfaction, increase profitability, increase economy growth rate Students have learnt difference between innovation and invention

Prof. J.S. Shastri HOD(EE) Dr. H.A. Tonday IIC President



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



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# **Photos of Event:**



Photo 1. Mr. Sudarshan Dharurkar delivering the talk.



Photo 2. Audience of the event

Prof. J.S. Shastri HOD(EE) Dr. H.A. Tonday IIC President



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



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Photo 3. Felicitation of Mr. Sudarshan Dharurkar by Principal Dr.B.M.Patil

Prof. J.S. Shastri HOD(EE) Dr. H.A. Tonday IIC President

## 9. Session on Problem Solving and Ideation Workshop

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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 Web: <u>http://sycet.org</u> & <u>www.syp.ac.in</u>

Name of the event:	Session on Problem Solving an	nd Ideation Workshop	
Date of the event:	01 <sup>st</sup> February, 2023	Academic Year:	2022-23
Class of Student participants:	UG & PG students (All Branch)	Number of student participants:	35
Accompanying Staff:	Prof. H B Chothe	Number of Faculty participants:	5
Summary of Event:			

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

The resource person was Mr. Naseem Farooui, executive of Inspire Industries, Aurangabad, MH.

The program started with an opening remark delivered by Dr. Hulas Raj Tonday, Associate Professor, Department of Mechanical Engineering, IIC President at Shreeyash College of Engineering & Technology Aurangabad.

For any entrepreneurship and/or start-ups, novel idea is key element. Ideation is the stage where most founders try to identify an idea that they would pursue to make it big. This is a real tricky spot as decisions made at this stage structure the path of the founders for the future. **Mr. Naseem Farooui** discussed that an early-stage startup begins with a scalable idea that attracts funding. This phase covers the time before securing your first Series-A funding round. He describes that innovation is critical for startups. It is what allows them to create new products or services that solve problems for their customers.

The session ended with a round of discussion and vote of thanks by Prof. H B Chothe, Asst. Professor, Department of Mechanical Engineering.

#### **Objectives:**

- To learn about innovation methodology and types of innovation.
- To explore about finding the problems and their solutions.
- To enlighten about early stage startups and formulation.

#### **Key Outcome:**

- · Learnt to find pain points of customer and their solutions.
- Learnt about identification of problems for start-ups.
- Knew about early stage startups and need of innovation.

Dr. H. A. Tonday IIC President



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



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# Social Media link:

https://www.facebook.com/photo/?fbid=220493280355001&set=pcb.220493297021666

# Photos of Event:



Fig: Session delivered by Mr. Naseem Farooui .

Dr. H. A. Tonday IIC President



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



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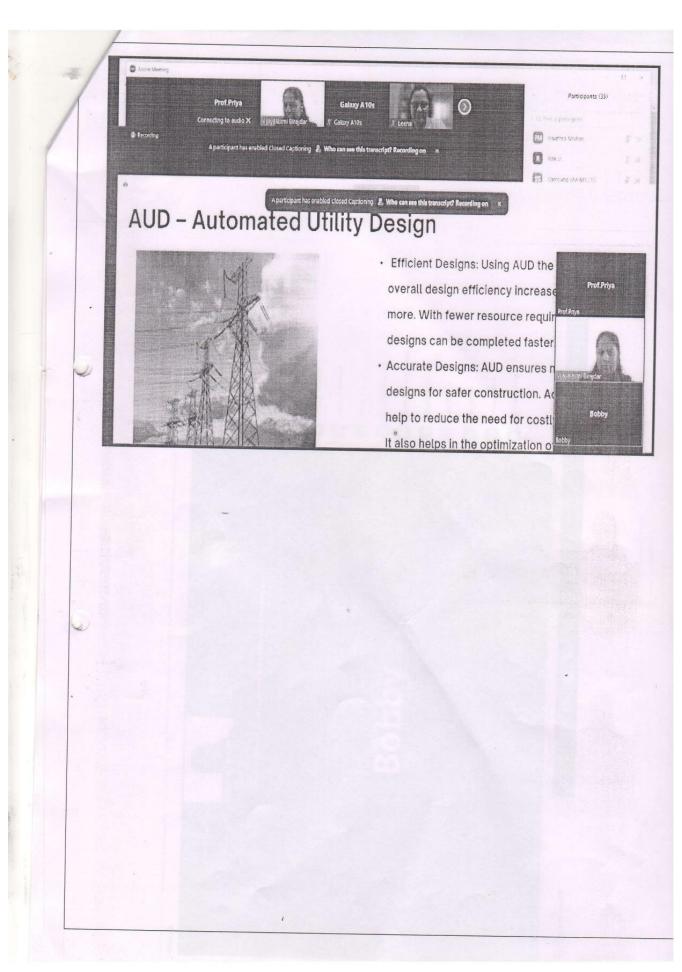


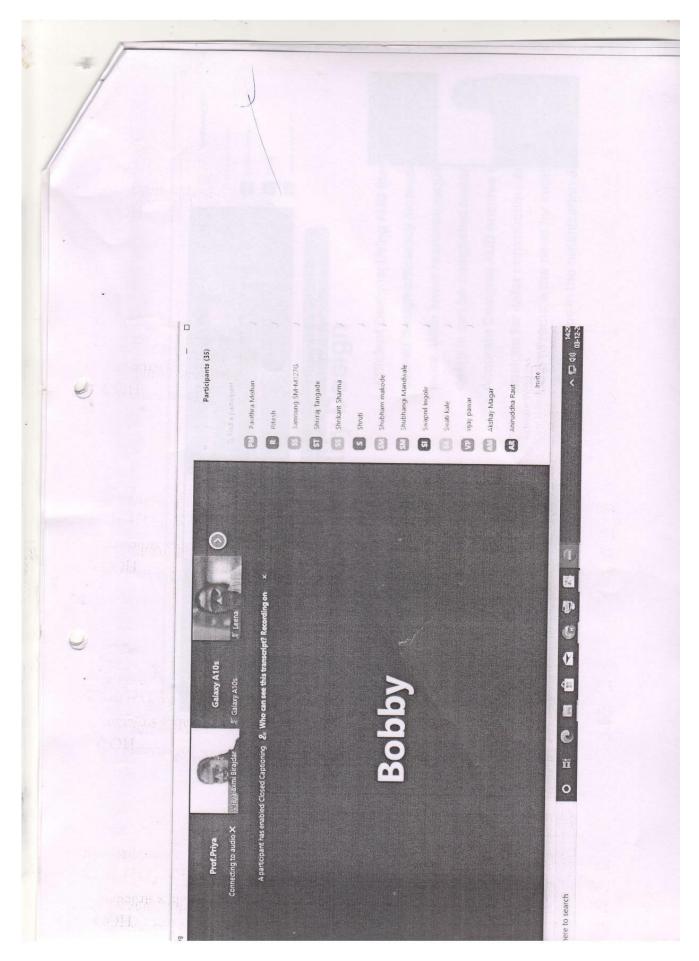
Fig 2: photos of participants in the event.

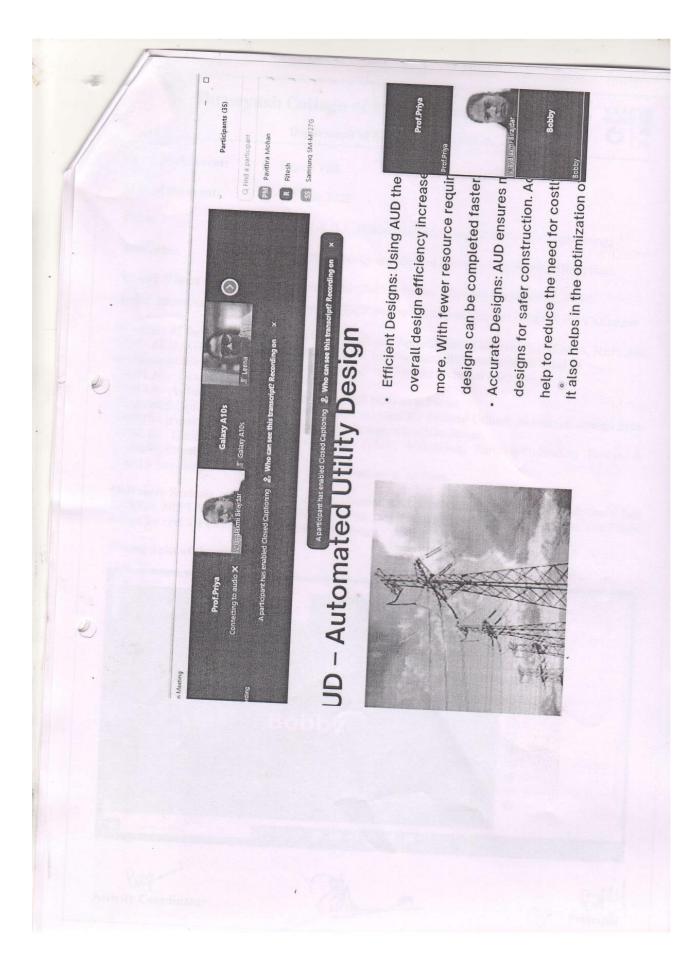
Dr. H. A. Tonday IIC President

# **10. Expert talk on Applications of software**

Shreey	ash College of Engineering & Technology
Name of the event:	Expert Talk.
Date of the event:	03 <sup>th</sup> Dec 2022
Class:	SE, TE & B.E. (Electrical, Electronics & Computer Engineering)
Audience:	Students & faculty members of Circuitry Engineering Disciplines.
Expert / Guest of the ev	ent: Mr. Durgeshan (Bobby) Naiker (Director iEngineering, Pune)
Link: https://us05web.z	oom.us/j/89962647607?pwd=c1BGUzNmNGg0b2JYOEtoZ3E2VXEzdz0
	n for primary and secondary substation design.
Also He has cleared the c Outcome: Students com NEARA, NEPLAN, SD	tic field simulation (EMF) Simulation, Earthing/Grounding Design ueries raised by the students & teachers. e to know about information & applications of simulation software's li S. AUD, XGSlab. Also they come to know about how to use simulati cal installations and design.
Also He has cleared the c Outcome: Students com NEARA, NEPLAN, SD design for real life electri	tic field simulation (EMF) Simulation, Earthing/Grounding Design ueries raised by the students & teachers. e to know about information & applications of simulation software's li S. AUD, XGSlab. Also they come to know about how to use simulati cal installations and design.
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# **11.** One day FDP on Research Patent filing, Innovation and paper writing and book publication

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ALESSON EDUCATION	FORMAT NO. STC/PR15/F/01 Shreeyash College of Engineering & Technology
Name of th	e event: Expert Lecture for Faculty Development
Date of the	event: 02/05/2022
Class: Fac	ulties of all Department
Expert / Control Energy Control	Guest of the event: Dr. S. Devaneyan, Director Techinical, Sathya Narayan Renewable insultancy Coimboture, Tamil Nadu.
	of the event: Dr. S. S. Devaneyan has specially pointed out that focusing on Research
patent fillin	ng, innovation and paper writings and book publication the areas of faculties to address and
	ight resume needs to be updated to brand yourself.
	vledge skills/abilities one acquires will help students to be equipped with applied research
through fac	culties 36 faculties have attended session.
Outcome:	
1 Eccu	ties understood the importance and necessity of patent filling & subsequent activities.
	lties realized the advantages of acquiring deeper more knowledge in one's area o
	ties come to know about upgrading resume highlighting, patents and papers publications a
Photogra	ohs of the event:
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	ivity coordinator Principal

# **12. Innovation Day**

FORMAT NO. STC/PR19/F/01

# Shreeyash Pratishthan's

Shreeyash College of Engineering & Technology Satara Parisar, Beed By-Pass Road, Aurangabad - 431 010 (M.S.)

T: +91 240 6608784 / 702, F: +91 240 6608709, E: principal@sycet.org, Web: www.sycet.org & www.syp.ac.in

Name of the event: Date of the event: Class: Accompanying Staff:

Innovation day 15th October, 2022 B.Tech (All branches) Dr. Hulas Tonday , Dr. Masarrat Sultana and Dr.D. Venkatramana 100

# Summary of the event:

No. of participants:

Innovation day was celebrated on 15th October, 2022 in order to commemorate the birth anniversary of Dr. A. P.J.Abdul Kalam. Innovation day is to raise the awareness of the role of creativity and innovation in all the young minds of the students. Principal Dr. B. M. Patil delivered innovation session related to creative ideas, new start ups and entrepreneurship. Dr. D. Venkatramana highlighted the incredible work, achievements of Missile man of India Dr. A. P.J. Abdul Kalam.

# **Key Outcomes:**

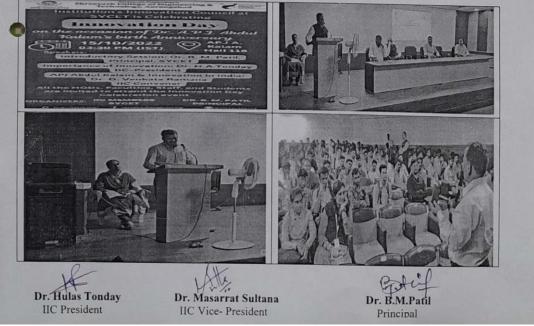
Students were made aware of Innovation day

Students learned the importance of Innovation day and to follow the role model Dr. A. P.J. Abdul Kalam.

## **Objectives:**

- · To learn about the importance of innovation day
- · To inculcate interest among the students to come with innovative ideas and to work in collaboration with different industries, entrepreneurs, startups, mentors and accelerators

## Photographs of the event:



# **13.** Angel Investment/ Venue Capital Funding Opportunity for Early- Stage Entrepreneurs

0	FORMAT NO. STC/PR15/F/0
NUMERAL DAY	Shreeyash Pratishthan's NAAC
Satara P	Sh College of Engineering & Technology arisar, Beed By-Pass Road, Aurangabad-431 010 (M.S.) 12, F: +91 240 6608709, E: <u>principal@sycet.org</u> , Web: www.sycet.org& <u>www.syp.ac.in</u>
	Activity Report
Name of the event:	
Name of the event: Organized by:	Angel Investment / Venture Capital Funding Opportunity for Early
	Angel Investment / Venture Capital Funding Opportunity for Early Stage Entrepreneurs.

Institution Innovation Council & MBA Department organized an online session to guide the students on Angel Investment or Venture Capital Funding opportunity for early stage entrepreneurs. Thus to enlighten the importance of this and to create awareness regarding procurement of these funds, Shri Vijay Deshpande was invited as an eminent speaker who is Trainer, Consultant, Auditor and with past MCED experience. He is a trainer, consultant and auditor associated with MCED as well as a hardcore trainer. Sir has explained how Entrepreneurs need investments for their start-up companies. The investments or the capital that these entrepreneurs receive from wealthy investors is called Venture Capital and the investors are called Venture Capitalists. An angel investor is usually a high-net-worth individual who funds startups at the early stages, often with their own money. Angel investing is often the primary source of funding for many startups who find it more appealing than other, more predatory, forms of funding.

#### **Outcome:**

- Students have learned the importance of Angel Investment & Venture Capital Funding at the early stage of startup.
- Students were well informed regarding the ways of procuring such funds and the methods of approach.
- Students came to know about the financial resources needed to start a new business.

