



SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY ,KARUKUTTY

ACADEMIC YEAR MAY 2021-JUNE2022

3.2.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

Sl No:	Name of the workshop/ seminar/ conference	Number of Participants	Date From – To	Department	Activity Held
1	Entrepreneurship opportunities in AI	20	30-11-2021	ECE	ENTREPRENEURSHIP
2	An overview of importance of IPR Protection	56	01-06-2021	CSE	RESEARCH SEMINAR
3	How to review manuscripts	66	30-01-2022	CSE	RESEARCH SEMINAR
4	One day Seminar on research methodology : How to write a research article	16	22-07-2021	BSH	RESEARCH SEMINAR
5	3D Printing-Techniques,modern applications and scope of research	17	13-09-2021	ME	RESEARCH SEMINAR
6	Introduction to composite materials- A research perspective	25	29-10-2021	ME	RESEARCH SEMINAR
7	One day workshop on How to write a Scientific Article	35	22-03-2022	ME	RESEARCH SEMINAR
8	Research Talk :Response Prediction of hydrokinetic Energy Harvester-Research Perspective	12	30-06-2021	ME	RESEARCH SEMINAR
9	Webinar on ON HOW TO CREATE AN ENTREPRENEURIAL MINDSET	100	03-05-2021	ME	RESEARCH SEMINAR
10	Entrepreneurship Awareness	25	23/06/2021	CE	ENTREPRENEURSHIP
11	The art of Technical writing_Thesis and Journals	20	2/11/2021	AU	RESEARCH SEMINAR

12	Research level approach and hands On Workshop on 3D printing	20	22/03/2022	AU	RESEARCH SEMINAR
13	Patent Filing_ Facts and Myths	36	24/03/2022	AU	RESEARCH SEMINAR
14	The Art of Proposal Writing- A Research Approach	18	26/03/22	AU	RESEARCH SEMINAR
15	Two day workshop on ECU Remapping and On Board Diagnostics	18	18-04-2022	AU	ENTREPRENEURSHIP
Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year 2021-2022					15



Principals
 PRINCIPAL
 VIDYANAGAR PALLISERY, KARUKUTTY
 ERNAKULAM, KERALA-683 576
 SCMS SCHOOL OF ENGINEERING & TECHNOLOGY

SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY

VIDYA NAGAR, KARUKUTTY, ERNAKULAM - 683 582

DEPARTMENT OF MECHANICAL ENGINEERING

ASSOCIATION OF MECHANICAL ENGINEERS FOR RESEARCH AND INNOVATION (ARiME)

WEBINAR ON HOW TO CREATE AN ENTREPRENEURIAL MINDSET

The Department of Mechanical Engineering, SSET has conducted a webinar on 'How To Create An Entrepreneurial Mindset' on 3rd May 2021 at 11.00 am IST. The objective of the webinar was to create awareness, to explore business opportunities to students by bringing together experts from industries to provide ideas and information for becoming an entrepreneur as an alternative career option and to highlight the merits and need of pursuing such an option. For some, the thought of starting up a business at college might sound impossible. The program was aimed to establish that even it might be very tough, but it is not impossible, and more and more students are indeed taking the plunge and setting up their own business. After all, the most successful entrepreneurs are those who find any way they can to get their business off the ground, regardless of how much time they have available. The "How To Create An Entrepreneurial Mindset" was an easy-to-follow talk to some of the most important steps students need to take to set up their own business from the ideas stage to registering their business.

The webinar speaker was Mr. Varghese Varghese, Managing Director, Walco Middle East, Doha which had an overwhelming response with 157 registrations and more than 100 participants including the HOD Mechanical SSET, 2 from VIT and 8 from other departments of SSET. The speaker said that campuses are where the best dreams and the finest startups take wing. He explained about major Stages of Entrepreneurship viz; Converging on the idea, Business plan, Business Formation and Growth in detail.

WEBINAR on
"HOW TO CREATE AN ENTREPRENEURIAL MINDSET"

Mr. SHANAVAS BAVA
Chartered Accountant
SB and Partners
Parker & Russel Chartered Accountants
Doha

Mr. VARGHESE VARGHESE
Managing Director
Walco Middle East
Doha

REGISTER WITH - <https://bit.ly/3vh7kKR>

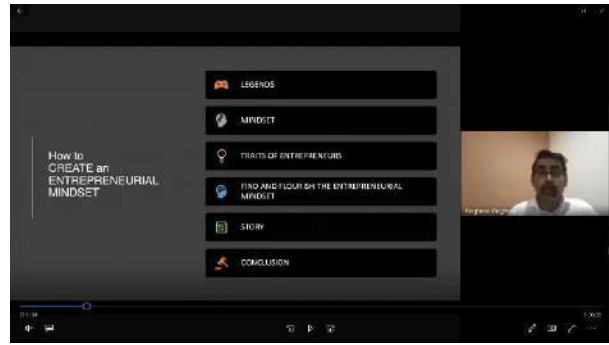
DEPARTMENT OF MECHANICAL ENGINEERING
SSET SCMS School of
Engineering & Technology
Canon: Vidya Nagar, Karukutty, Ernakulam - 683582. Tel: 91 84 282288 / 191

Faculty Coordinators
Mr. Sanju A C and Mr. Manoj Kalathil
Department of Mechanical Engineering, SSET

03 MAY 2021 | **11:00 AM**
GOOGLE MEET

He has clarified

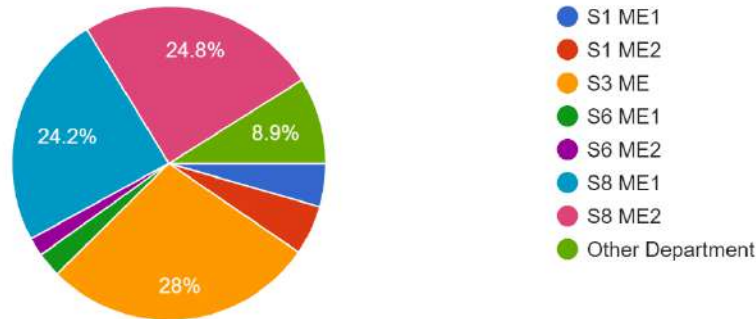
various myths regarding Startups. The participants (both faculty and students) have opined that the session was highly motivational as it includes some inspirational examples like Vandana Luthra (VLCC), P C Musthafa (ID fresh foods), Warren Buffett (Berkshire Hathaway) and Elon Musk (Tesla). The webinar promoted motivational impetus in students thereby developing interest and engaging them in life-long learning in the context of necessary steps to be taken by students to fill the student entrepreneur gap.



Registration summary -

Semester & Class

157 responses



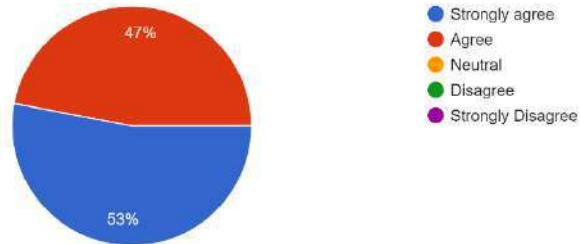
Attendance and Feedback report (based on responses from Google Form) - 83 responses

Blessen Varghese	S8 ME I
Gopikrishna Premchand	S3 ME
Aravind.S	S8 ME I
Bharath Jairaj	S8 ME I
Nadeem Ahmed V A	S8 ME II
Govind V Menon	S3 ME
Abin Pauly	S1 ME I
Anandhukrishna O.P	S8 ME I
Aswin B Mohan	S8 ME I
Abhilash C C	S8 ME I
Kalidas.M	S3 ME
Akhil P Saji	S3 ME
Saffin Joshy P F	S8 ME II
Athul M	S3 ME
Shadin	S8 ME II
Aswathy Sairam	S8 ME I
Rahul Krishnan K	S8 ME II
Dheeshna M D	S8 CSE 1
Alvin Mathew	S1 ME I
Athul M	S8 ME I
Ashby Babu	S8 CS1
Pribin Geo Baby	S1 ME II
Paul Tomy	S2 ME 2
Aswin Remesh	S8 CS1
Ardra Nair	S8 CS1
Kiran Sanath	S8 ME II
Ashwin.B	S8 ME I
Albin Tomy	S6 ME I
Hariprasad K	S8 ME I

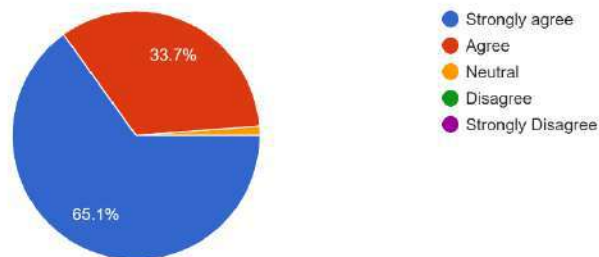
Muhammed Samin	S3 ME
Bony Jose	S4ME
Bryne Tom Simon	S8 ME I
Nihal Abdul Rasheed	S3 ME
Amal K R	S6 ME I
Abhinav Baby	S3 ME
Mohammed Fahim	S3 ME
Arun M S	S3 ME
Sreehari M	S3 ME
Sanjay E	S3 ME
Ashwin T S	S3 ME
Aswin Harishkumar	S3 ME
P Sashank	S3 ME
Aswin Jagadeesan	S3 ME
Richu Shaju	S3 ME
Althaf K A	S3 ME
Sandeep Biju	S3 ME
Evin Xavier	S3 ME
Sanjaykrishna K Menon	S3 ME
Shiva Suresh	S3 ME
Yadu R Varma	S3 ME
Shyam Sankar K R	S3 ME
Avinash T G	S3 ME
Gokul Ramesh	S3 ME
Jithin Raj K	S3 ME
Nawjyoth Madhav	S3 ME
Aswin Girish	S3 ME
Nihas Muhammed	S3 ME
Ranjith P R	S8 ME II

Kamaljith Pn	S8 ME II	Roshith K V	S3 ME
Gokul Unnikrishnan	S1 ME I	Athul Subhash	S3 ME
Mohammed Jaseem	S1 ME II	Berton Simon	S8 ME I
R K Sabesan	S8 ME II	Muhammed Haseeb N N	S2ME2
Arshik Antony	S8 CSE I	Muhammed Farzeen	S2 ME II
P. Sabari Vishnu	S8 ME II	Joyal Thankachan	S1 ME II
Jibin R	S8 ME I	S Sabarish	S1 ME II
Allen Issac	S8 ME I	Anirudh Sasi	S8 CSE I
Jeswin K Thomas	S8 ME I	Aswin Surendran	S3 ME
Surya Narayanan A S	S3 ME	Jerrin Jordan	S3 ME
Pisharody Abhay Haridas	S3 ME	Avinesh V	S8 ME I
Kurian Paul Puthussery	S8 ME II	John K Loyson	S8 ME II
Nandini Menon	Winter semester (VIT)		

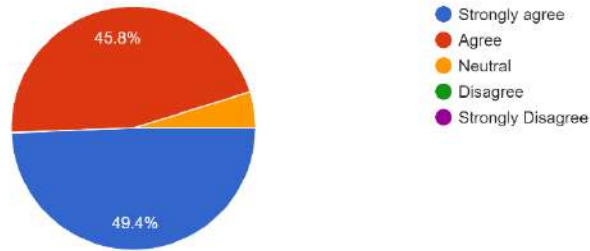
The program was well organised and structured.
83 responses



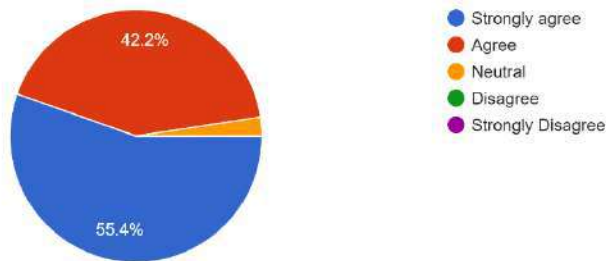
The resource person was knowledgeable, organised and effective in his presentation.
83 responses



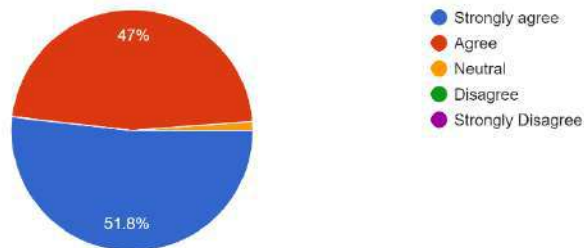
The resource person provided information useful for my career development.
83 responses



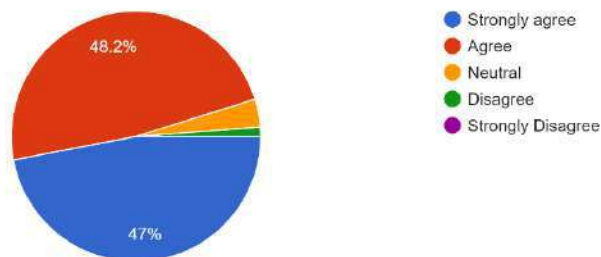
Participation and interaction of the students were encouraged during the session.
83 responses



The event covered contents encouraging innovations and entrepreneurship for the benefit of the society and environment.
83 responses



The event enabled the students to understand the need to engage in independent and life-long learning in the broadest context of entrepreneurship.
83 responses



What was the most interesting aspect about this session?

- Resource person was well knowledgeable.
- Q&A section after the presentation
- The session was easy to understand and very informative.
- About start up
- Informations
- Guidelines
- knowledge person was amazing
- Session was greatly interactive
- Very understandable
- Way of his presentation
- Stories of different entrepreneurs
- Understood the different aspects and possibilities of entrepreneurship
- Was to the point and beneficial
- The resource person's ability to explain everything with an example and thus providing a clear idea
- The event enabled the students to understand the need to engage in independent and life-long learning in the broadest context of entrepreneurship
- It gives us a basic idea on entrepreneurship. It also provided us an knowledge on tackling situations while building your idea.
- Well explained all the aspects
- The event helped us to understand the need to engage in independent and life-long learning in the broadest context of entrepreneurship
- Motivation
- Well experienced hosts
- Building business mind
- His motivational speech
- The points to be kept in mind when starting an entrepreneurship career
- Qualities that needed for entrepreneurship
- Interactive session
- The activity of setting up a business.



Dr Rag R L
HOD/ MECH

ENTREPRENEURSHIP ORIENTED WORKSHOP

SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY
VIDYA NAGAR, KARUKUTTY, ERNAKULAM - 683 576

DEPARTMENT OF AUTOMOBILE ENGINEERING


TWO DAYS WORKSHOP ON ECU REMAPPING & ON BOARD DIAGNOSIS

The SAE India Collegiate Club of SCMS in association with Torque department association, Automobile Engineering SSET conducted a 2-days workshop on ECU REMAPPING & ON BOARD DIAGNOSIS for the 8th Semester and second semester students of the Department of Automobile Engineering, SSET. The workshop was coordinated by Mr Aravind P V and Mr. Koshy P Joseph Assistant Professor, Department of Automobile Engineering with support from Mr Vinoj P G, Assistant Professor, Mrs Smitha P C, Lab Instructor, Electronics and Communication, SSET. The workshop included hands-on training on ECU remapping and familiarization of various sensors and Actuators. The sessions are handled by Lal Bharathan, MD, Lap47 and Livin Varghese. The participants received certificates on successful completion of the workshop.



SAEINDIA
COLLEGIATE CLUB OF SCMS

**A TWO DAY WORKSHOP ON
ECU REMAPPING &
ON-BOARD DIAGNOSTICS**

 Lal Bharathan	 Livin Varghese	 Vinoj P G	 Koshy P Joseph
M D Lap47 Performance Studio Ernakulam	Technical Trainer Volkswagen Group Academy, Group Aftersales	Assistant Professor Dept. of Electronics and Communication Engineering SSET	Assistant Professor Dept. of Automobile Engineering SSET

DATE: 18-04-2022 & 19-04-2022

   **Department of Automobile Engineering
SCMS School of
Engineering and Technology**
Campus: Vidya Nagar, Karukutty, Ernakulam- 683576
Tel 91 484 2882900 / 901

Day 1

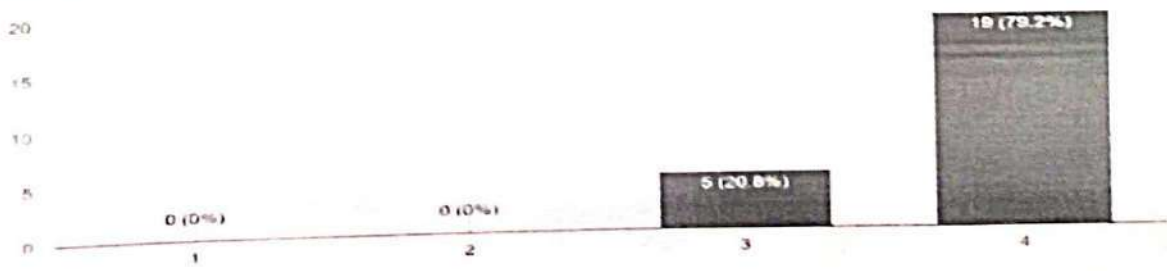


Day 2



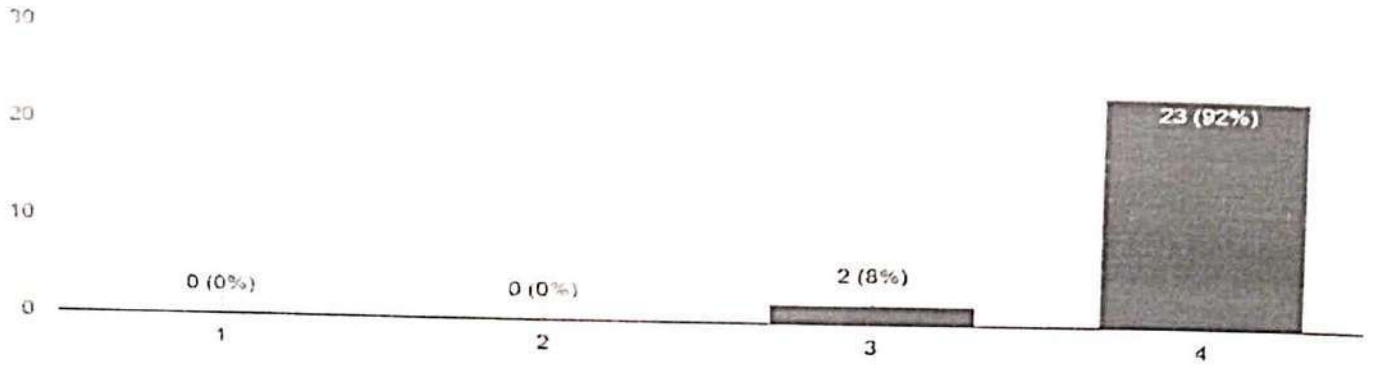
Feedback

The workshop content was Comprehensive
24 responses



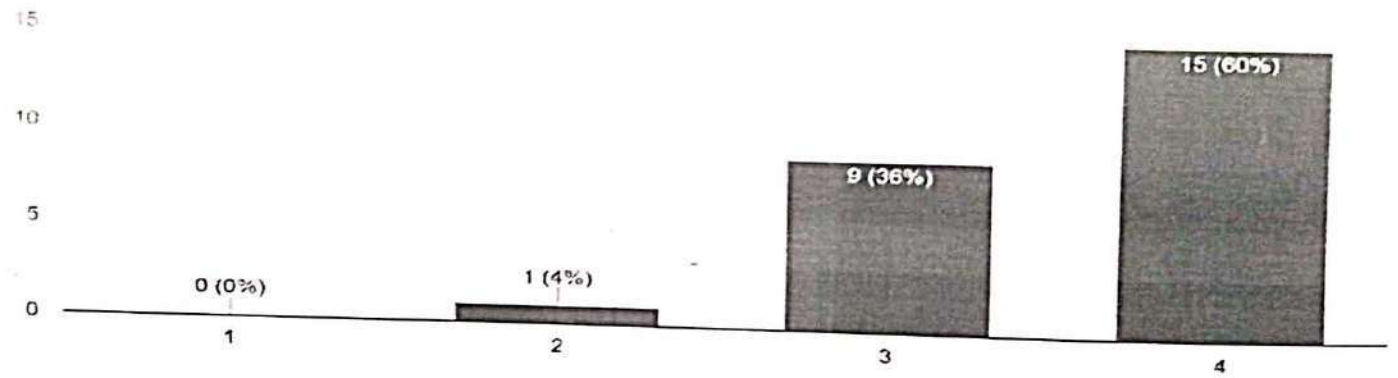
The workshop content was Relevant

25 responses



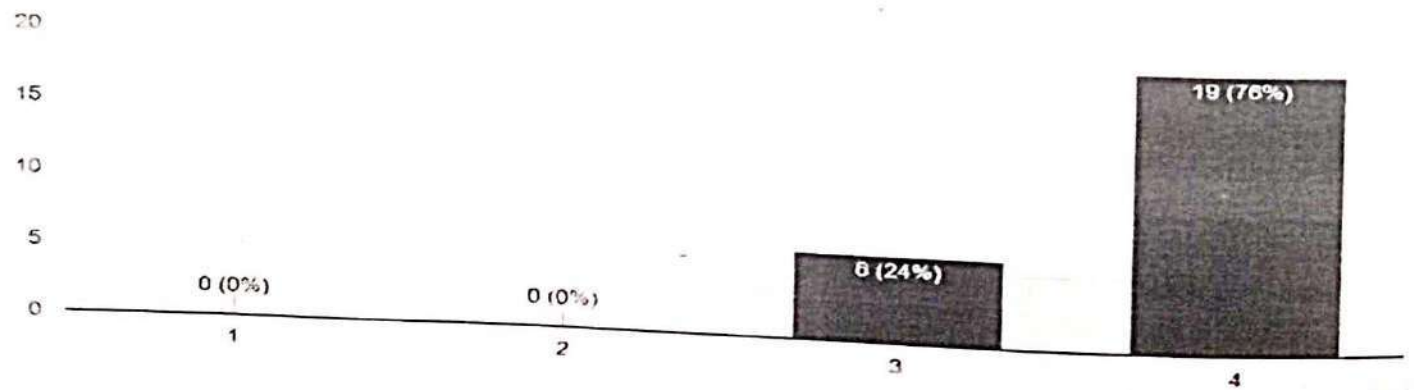
The workshop content was Easy to understand

25 responses



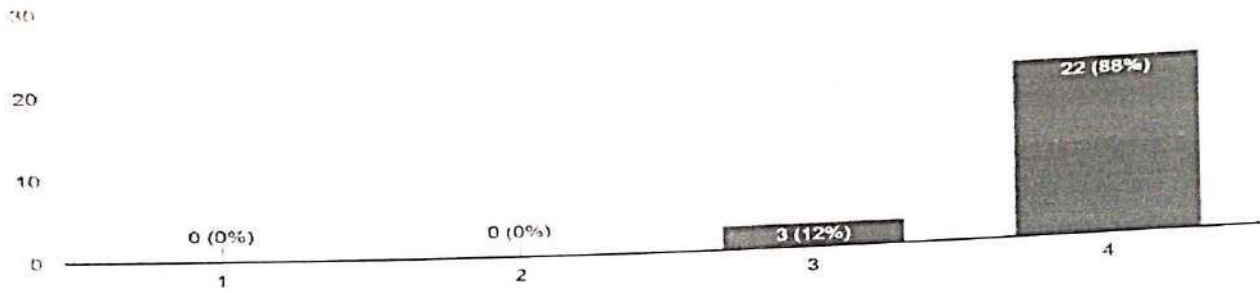
The workshop was Well paced

25 responses



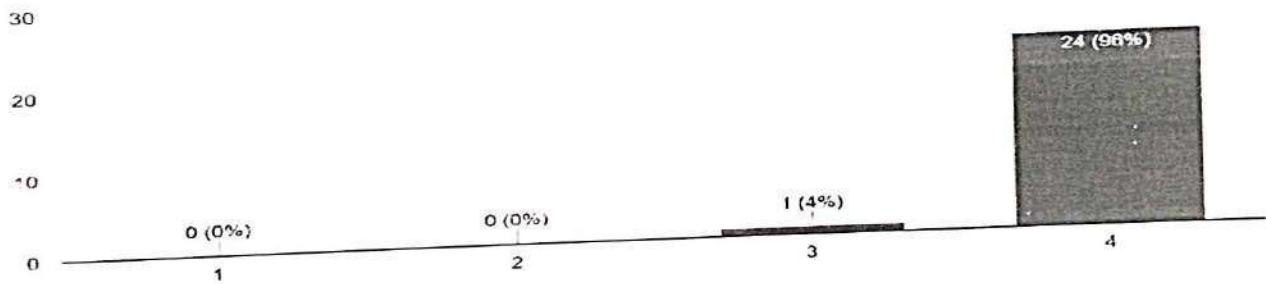
The facilitator is Knowledgeable

25 responses



The facilitator is Responsive to participants' questions

25 responses



Suggestions

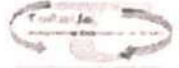
Good

- Very Useful workshop
- More days required
- Need more hands on experience
- Hoping much more similar programs
- Need more sessions like these to understand about modern vehicle techniques

Certificate – Sample

SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY
VIDYA NAGAR, KARUKUTTY, ERNAKULAM- 683576

No:



CERTIFICATE OF PARTICIPATION

*This is to certify that Mr..... of
..... has participated in
'ECU Remapping & On – Board Diagnostics' a two – day workshop organized by TORQUE
(Automobile Association of SCMS) in association with SAEIndia Collegiate club of SCMS, SCMS School
of Engineering and Technology, Karukutty from 18th April 2022 to 19th April 2022.*

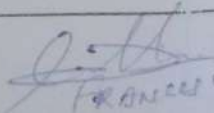
H O D
AUTOMOBILE ENGG

Principal
SSET

Mr. Aravind P V
Assistant Professor
Department of Automobile Engineering
SSET

Dr. Jenson Joseph E
Head of the Department
Department of Automobile Engineering
SSET

Sl.No.	Class No.	Roll No.	Student Name	Signature
1	1	SAU/8956/20	ACHUTH K I	
2	2	SAU/8917/20	ADITH VENU	
3	3	SAU/8785/20	AFTHAB SALIM	
4	4	SAU/8998/20	AKSHAI K SURESH	
5	5	SAU/8942/20	AMAL A	
6	6	SAU/8987/20	BACHENDRA KARTHIK	
7	7	SAU/9105/20	C SANCHJUAL SAJEEV	
8	8	SAU/8786/20	GAUTAM GOPAL M	
9	9	SAU/8995/20	GOPAL KRISHNA D G	
10	10	SAU/9161/20	HISHAM ABDUL SALAM	
11	11	SAU/8794/20	JONATHAN C JACOB	
12	12	SAU/9176/20	MELVIN C JOSHY	
13	13	SAU/8980/20	NABHAN CHINGATHOTTATHIL KELOTH	
14	14	SAU/8771/20	ROHIL RAJ	
15	15	SAU/8879/20	THOUSIF SULFIKER	
16	16	SAU/9001/20	VIGNESH S NAIR	
17	17	SAUL/9562/21	I BHARATH GOPAL	
18	18	SAUL/9602/21	JYOTHISS C	


FRANCES

SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY
VIDYA NAGAR, KARUKUTTY, ERNAKULAM - 683 576
DEPARTMENT OF AUTOMOBILE ENGINEERING

Workshop on proposal writing
The Art of Proposal Writing

The Department of Automobile Engineering, SSET has conducted one-day workshop on proposal writing, *The Art of Proposal Writing* on 26th March 2022. The venue of the program was Main conference hall, Admin block, SSET Karukutty. The objective of the program was to give awareness on how to write proposals for various projects. The workshop was targeted to faculty and research scholars.

The program was inaugurated by Dr. Jenson P Joseph. The workshop was spanned on three sessions and the first session was handled by Dr. Nisha L, HoD, Department of Civil Engineering, SSET. She talked about the fundamental of a proposal and its structure. The talk gave a detailed insight to the technical structure of a proposal. The session was followed by a talk on How to Write Proposals for Projects, by Dr. Sunny George, Director, SCMS Water Institute. He explained in detail about the technical terms and recent trends in the proposal

writing. The afternoon session was handled by Dr. Rathish Menon, Associate professor, Department of Civil Engineering, SSET on Sources and Tips to Secure Research Funding. He talked about various funding agencies and guidelines one has to follow to secure funding from various agencies.



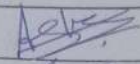
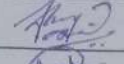


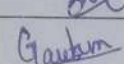
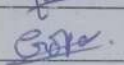
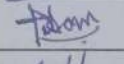
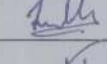
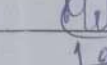
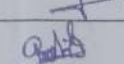
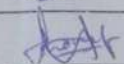

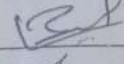



The speakers pointed out the necessity of interdisciplinary collaboration, collaboration with various research organization and MoU with outside agencies. In all sessions the audience were actively participated in the discussion. The speakers were felicitated with memento as a token of

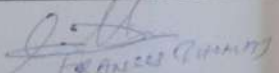
The poster for the workshop is titled "ONE DAY WORKSHOP ON THE ART OF PROPOSAL WRITING". It is scheduled for "26th March, 2022 Saturday" at the "Main Conference Hall Admin Block". The event is "Open to all faculty members of SSET". The poster lists three resource persons: Dr. Nisha L (HoD, Department of Civil Engineering, SSET) on "Writing A Research Proposal"; Dr. Sunny George (Director, SCMS Water Institute) on "How To Write Proposals For Projects"; and Dr. Rathish Menon (Associate Professor, Department of Civil Engineering, SSET) on "Sources And Tips To Secure Research Funding". The poster also features logos for the Department of Automobile Engineering, SCMS School of Engineering and Technology, and the National Board of Accreditation (NBA) for CE, CS & ME. Contact information for the department is provided at the bottom: "Department of Automobile Engineering, SCMS School of Engineering and Technology, Campus: Vidya Nagar, Karukutty, Ernakulam - 683576, Tel: 91 484 2882900 / 901".

appreciation for accepting the invitation and certificates are delivered to the participants who attended at least two sessions.



Attendance:

Sl. No.	Class No.	Roll No.	Student Name	Signature
1	1	SAU/8956/20	ACHUTH K I	
2	2	SAU/8917/20	ADITH VENU	
3	3	SAU/8785/20	AFTHAB SALIM	
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7	7	SAU/9105/20	C SANCHJUAL SAJEEV	
8	8	SAU/8786/20	GAUTAM GOPAL M	
9	9	SAU/8995/20	GOPAL KRISHNA D G	
10	10	SAU/9161/20	HISHAM ABDUL SALAM	
11	11	SAU/8794/20	JONATHAN C JACOB	
12	12	SAU/9176/20	MELVIN C JOSHY	
13	13	SAU/8980/20	NABHAN CHINGATHOTTATHIL KELOTH	
14	14	SAU/8771/20	ROHIL RAJ	
15	15	SAU/8879/20	THOUSIF SULFIKER	
16	16	SAU/9001/20	VIGNESH S NAIR	
17	17	SAUL/9562/21	I BHARATH GOPAL	
18	18	SAUL/9602/21	JYOTHISS C	


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PROGRAM SCHEDULE

Venue: Main Conference Hall Admin Block

Date: 26-03-2022

The schedule of the program is

Inauguration – 9:15 AM

Dr. Jenson Joseph, HoD Automobile Engineering, SSET.

First Session – 9:30 AM

Writing a Research Proposal _ Dr. Nisha L, HoD, Department of Civil Engineering, SSET.

Tea Break

Second Session _ 10:45 AM

How to Write Proposals for Projects _ Dr. Sunny George, Director, SCMS Water Institute.

Lunch Break

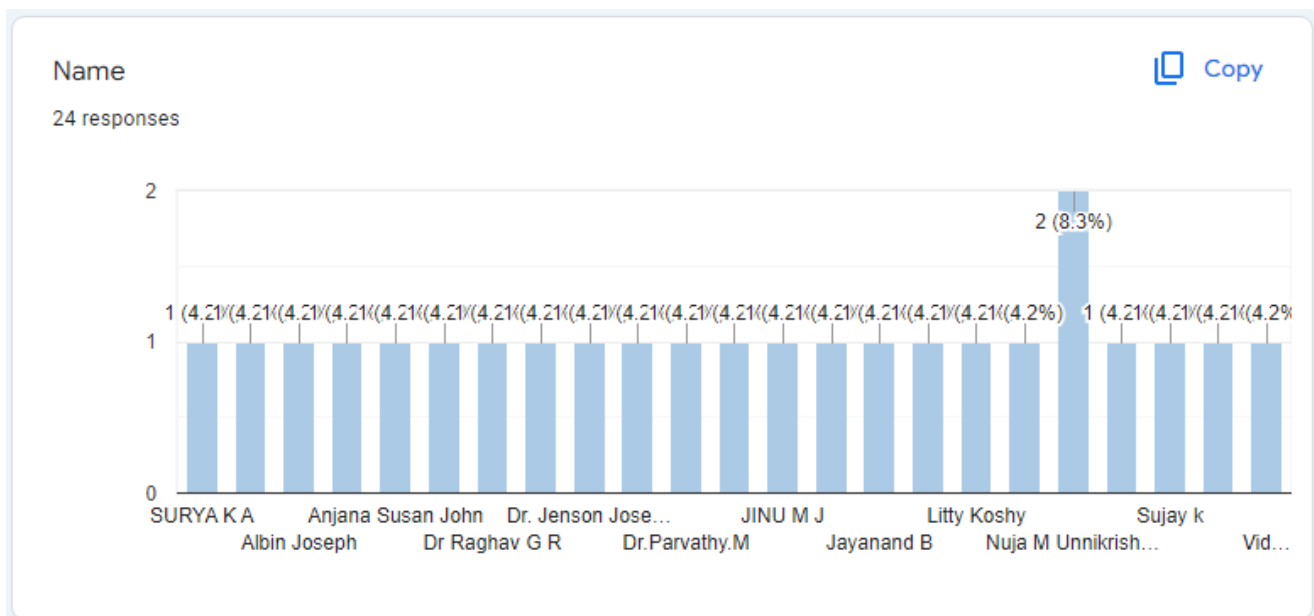
Third Session _ 1 PM

Sources and Tips to Secure Research Funding _ Dr. Rathish Menon, Associate Professor Department of Civil Engineering SSET.

Compering : Mr. Koshy P Joseph

Staff Coordinator : Dr. Jayadevan P C

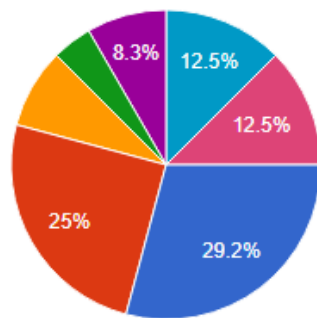
Feedback



Department

24 responses

 Copy

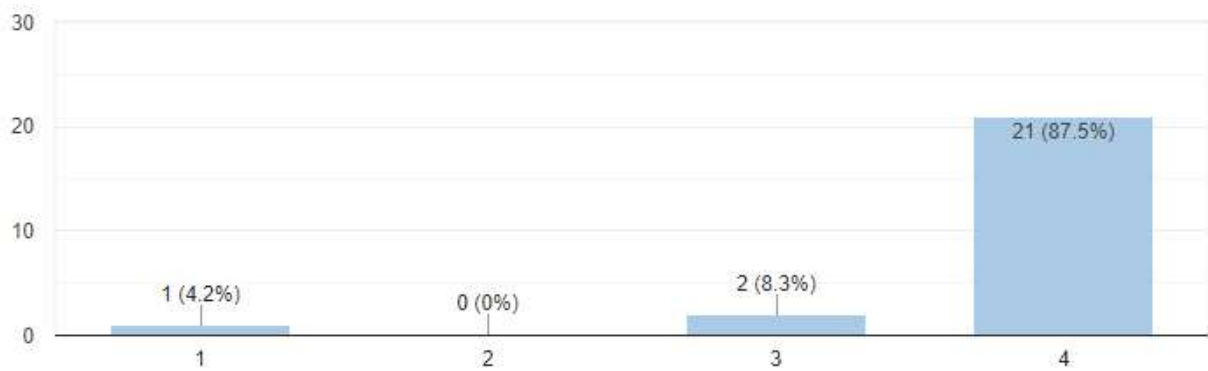


- AUTOMOBILE ENGINEERING
- BASIC SCIENCE AND HUMANITIES
- CIVIL ENGINEERING
- COMPUTER SCIENCE ENGINEERING
- ELECTRICAL AND ELECTRONICS ENGINEERING
- ELECTRONICS AND COMMUNICATION ENGINEERING
- MECHANICAL ENGINEERING

The workshop content was Comprehensive

24 responses

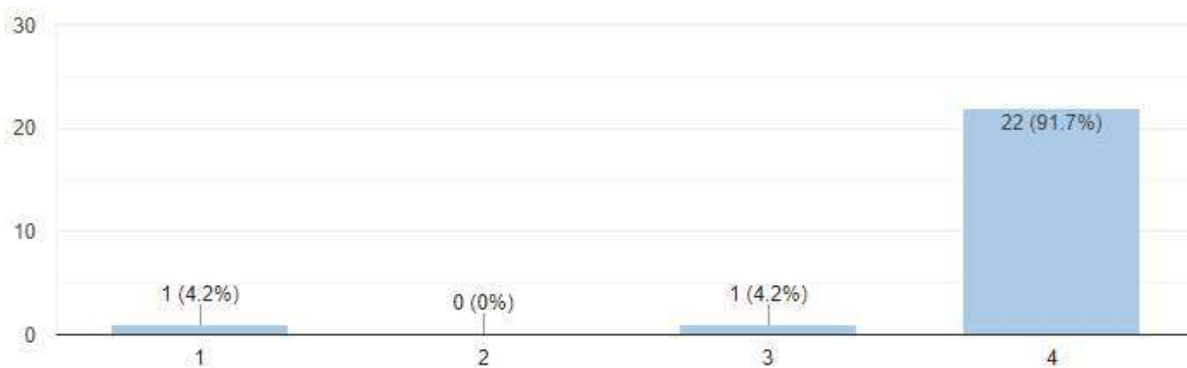
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The workshop content was Relevant

24 responses

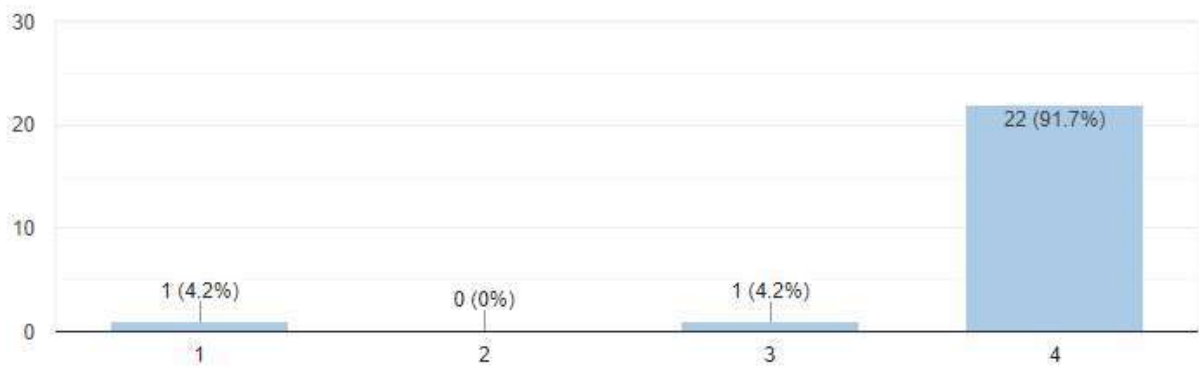
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The workshop content was Easy to understand

 Copy

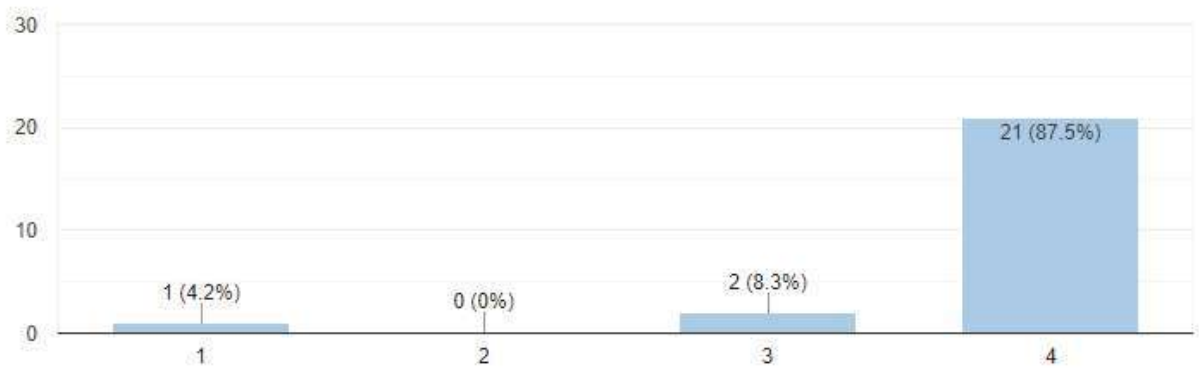
24 responses



The workshop was Well paced

 Copy

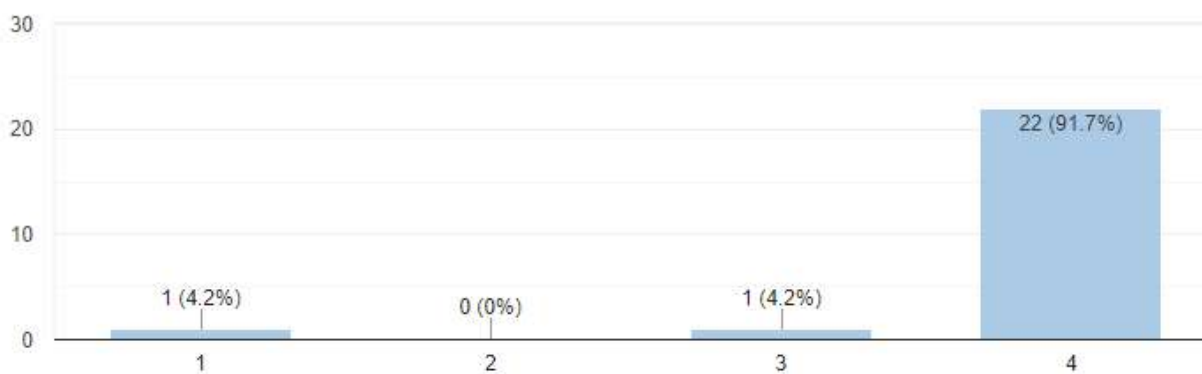
24 responses



The facilitators were Knowledgeable

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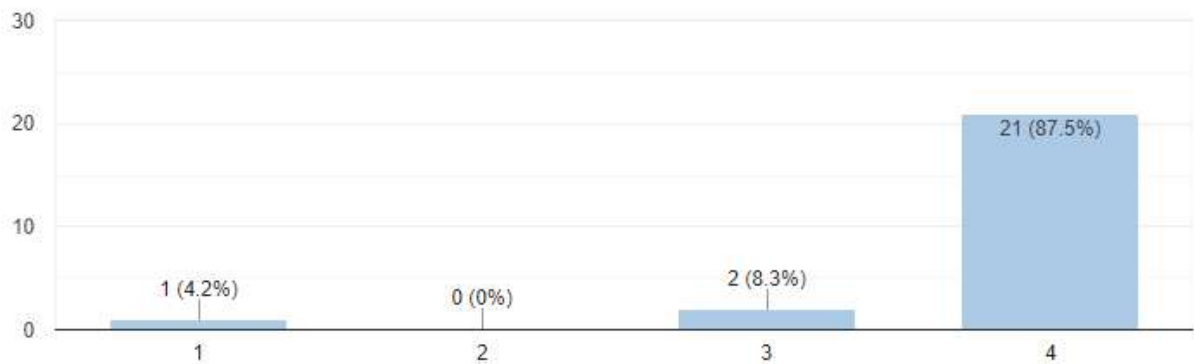
24 responses



The facilitators were Responsive to participants' questions

 Copy

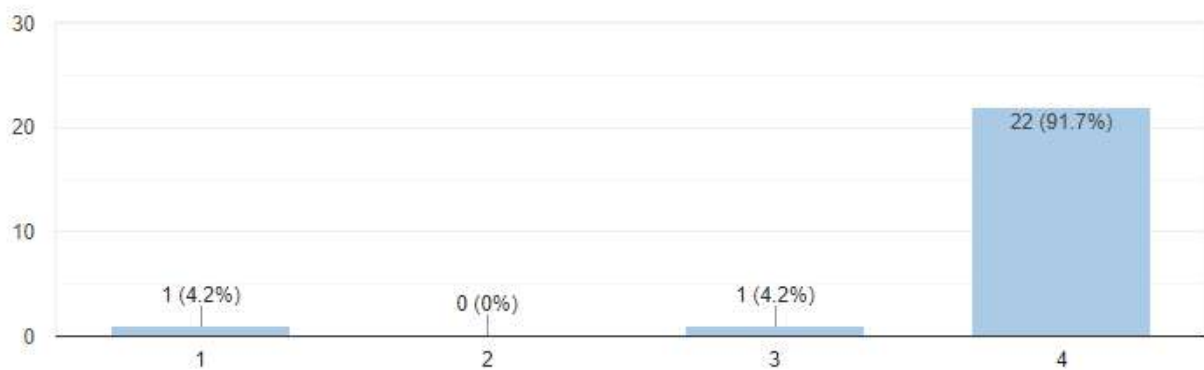
24 responses



The programme was well organised and structured.

 Copy

24 responses



Dr. Jayadevan P C
Assistant Professor, Coordinator(KSP)
Department of Automobile Engineering
SSET

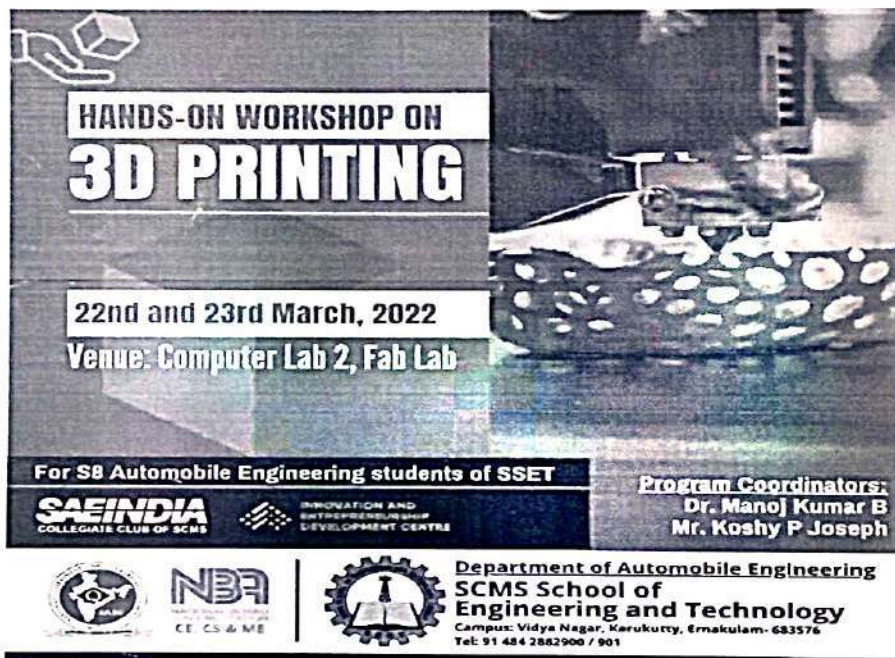
Dr. Jenson Joseph E
Head of the Department
Department of Automobile Engineering
SSET

SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY
VIDYA NAGAR, KARUKUTTY, ERNAKULAM - 683 576

DEPARTMENT OF AUTOMOBILE ENGINEERING

HANDS ON "WORKSHOP ON 3D PRINTING" – 22ND & 23RD March 2022

The SAEIndia Collegiate Club of SCMS in association with IEDC, SSET conducted a 2-day hands on "Workshop on 3D Printing" for the 8th Semester students of the Department of Automobile Engineering, SSET. The workshop was conducted by Mr Amal P Dev and Sujay K, Assistant Professor, Department of Automobile Engineering with support from Mr Vinoj P G, Assistant Professor, Mrs Smitha P C, Lab Instructor, Electronics and Communication, SSET and with the assistance of Mr Jebin Lukose, PG scholar, Department of Electronics and Communication, SSET. The workshop included hands-on training on using an online CAD software "Onshape" and how to use open-source libraries for design. The completed models were exported to the 3D printer for prototyping. The participants received certificates on successful completion of the workshop.



The poster features a central image of a 3D printer printing a white, lattice-like object. The text is arranged in a structured layout with various logos and contact information.

**HANDS-ON WORKSHOP ON
3D PRINTING**

22nd and 23rd March, 2022
Venue: Computer Lab 2, Fab Lab

For S8 Automobile Engineering students of SSET

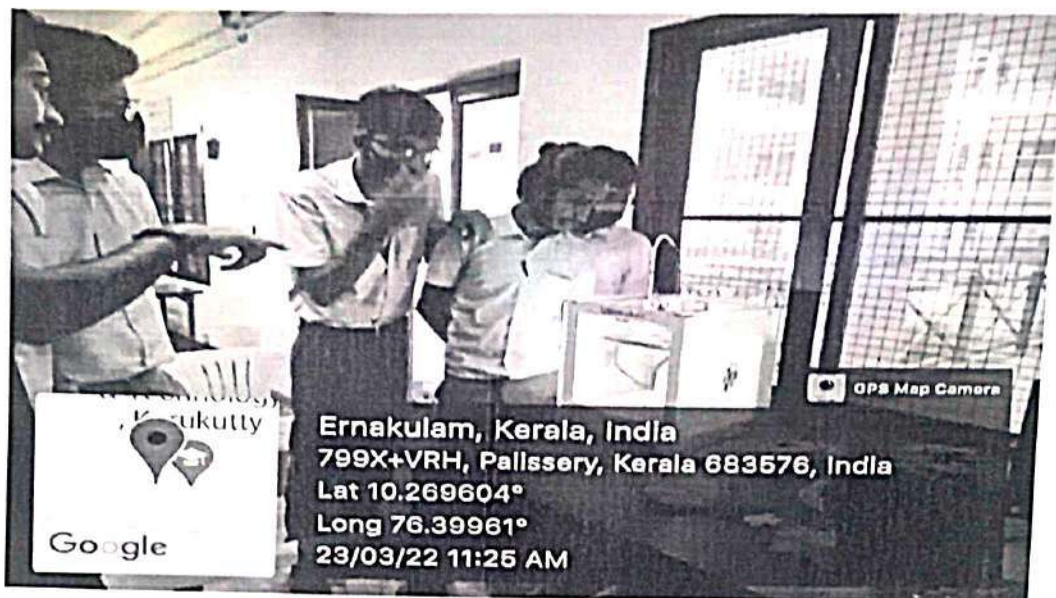
SAEINDIA
COLLEGIATE CLUB OF SCMS

**INNOVATION AND
ENTREPRENEURSHIP
DEVELOPMENT CENTRE**

Program Coordinators:
Dr. Manoj Kumar B
Mr. Koshy P Joseph

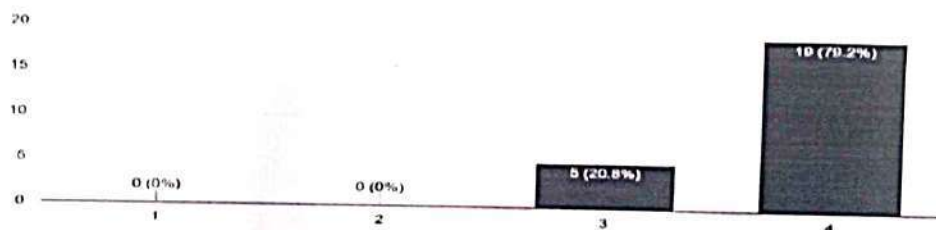
Department of Automobile Engineering
**SCMS School of
Engineering and Technology**
Campus: Vidya Nagar, Karukutty, Ernakulam-683576
Tel: 91 484 2862900 / 901

NBA
CE, CS & ME



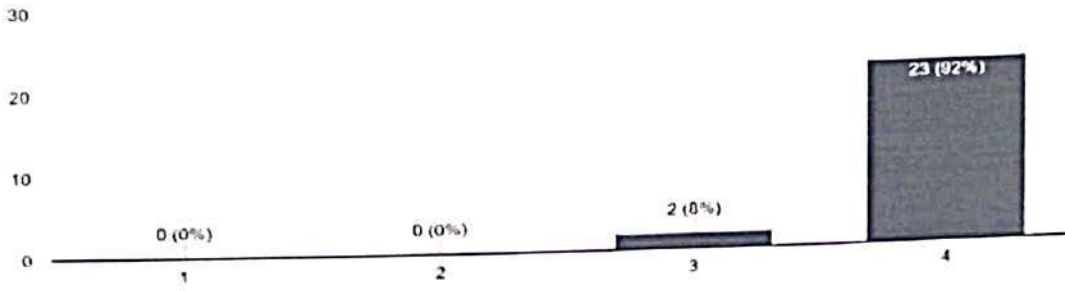
Feedback

The workshop content was Comprehensive
24 responses



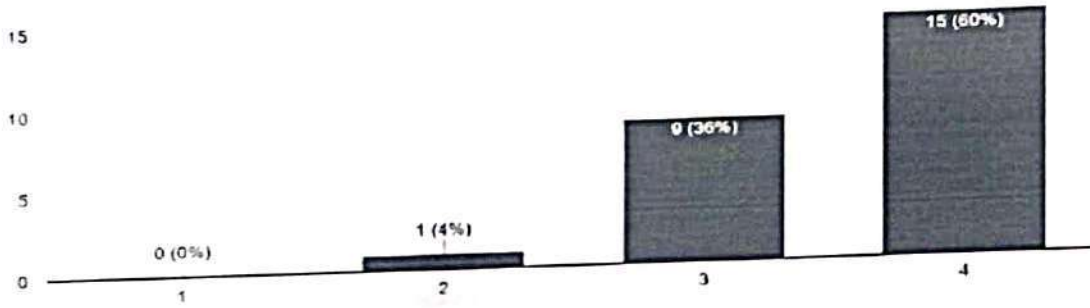
The workshop content was Relevant

25 responses



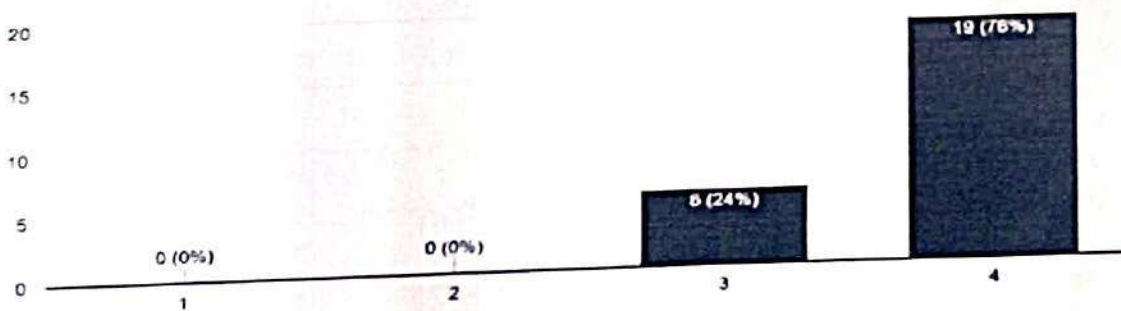
The workshop content was Easy to understand

25 responses

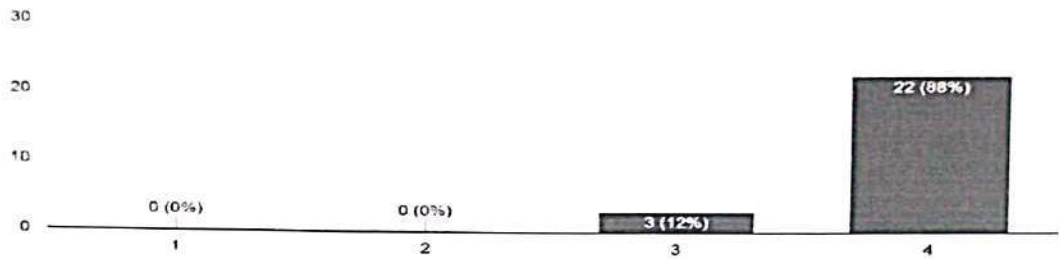


The workshop was Well paced

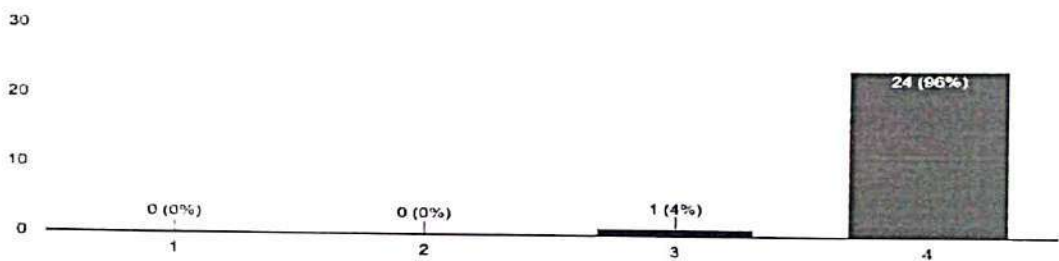
25 responses



The facilitator is Knowledgeable
25 responses



The facilitator is Responsive to participants' questions
25 responses



Suggestions

Good

need more sessions like this

These work shops are helpful

Very good workshop. Need more workshops like this.

Hoping for more such programs for increasing our skills

Need more sessions in future

Need more hands on experience

Nice workshop

Need more sessions like these to understand about modern manufacturing methods

Certificate – Sample

SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY
VIDYA NAGAR, KARUKUTTY, ERNAKULAM- 683576

No:



CERTIFICATE OF PARTICIPATION

This is to certify that Mr. /Ms of
..... has participated in
'Hands-on Workshop on 3D Printing' organized by SAE India Collegiate club of SCMS, SCMS
School of Engineering and Technology, Karukutty in association with Innovation and
Entrepreneurship Development Centre, SSET (supported by Kerala Startup Mission) on 22nd & 23rd
March 2022 .

H O D
AUTOMOBILE ENGG

Principal
SSET

Koshy P Joseph

Mr. Koshy P Joseph
Assistant Professor
Department of Automobile Engineering
SSET

Jenson Joseph E
25/3

Dr. Jenson Joseph E
Head of the Department
Department of Automobile Engineering
SSET



**SCMS SCHOOL OF ENGINEERING AND
TECHNOLOGY Vidya Nagar, Palissery, Karukutty,
Cochin - 683 576, Kerala**

REPORT

Patent Filing_Facts and Myths

Dr. Albin Joseph, Assistant Professor, AU

24 March 2022

Programme:

Patent Filing_Facts and Myths, a seminar by Dr. Albin Joseph, Assistant Professor, Department of AU

Objective:

The objective of the seminar is to give an overview about patents and the procedure to file a patent.

Target:

Students and Faculty

Venue:

Seminar hall, Admin Block

Time:

24/03/2022, 2:00 pm.

Programme Coordinator:

Dr. Jayadevan P C, Assistant Professor, Department of AU

SEMINAR

PATENT FILING - FACTS & MYTHS

THURSDAY | **TIME**
24 MAR 2022 | 02.00 PM

MONDAY: SEMINAR HALL



Programme Coordinator:
Dr. Jayadevan P.C., Asst. Professor,
Dept. of Automobile Engineering

DR. ALBIN JOSEPH
ASSISTANT PROFESSOR
DEPT. OF AUTOMOBILE ENGINEERING



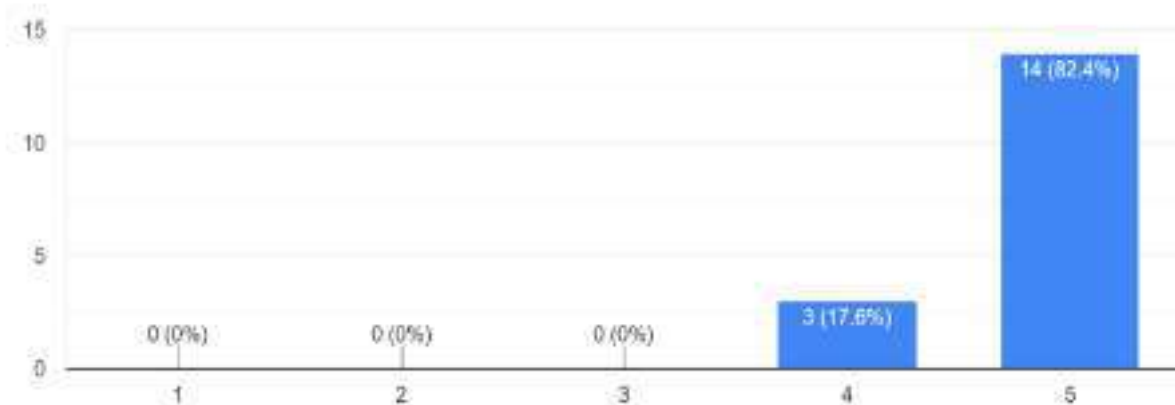
SCMS School of Engineering & Technology
Campus: Vidya Nagar, Karsikkatt, Ernakulam-682576
Tel: 91-484-2458338, 70347 88072, 70347 88072

A total of 36 participants attended the program, including students of various departments and faculty. The event was well appreciated by the audience. Dr. Albin Joseph explained the process and procedure to file a patent and some misconceptions about the patent. He interacted well with the audience by clearing their doubts and concerns.

FEEDBACK OF PARTICIPANTS

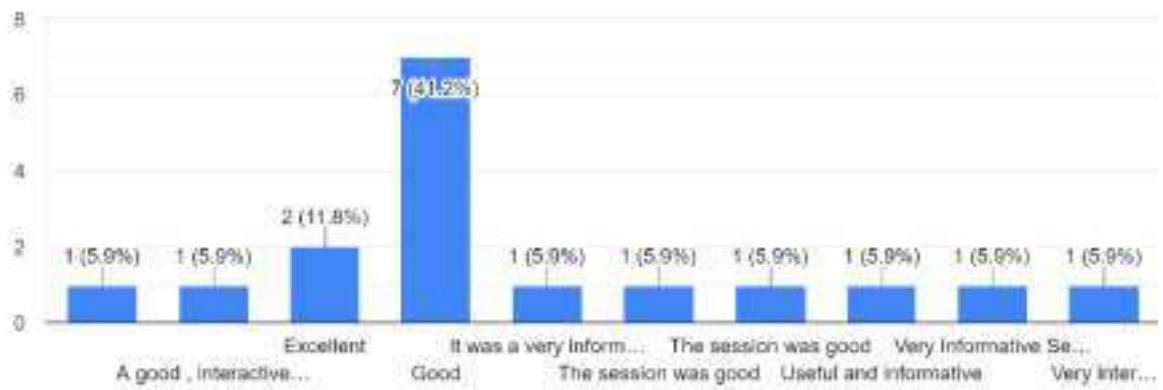
How satisfied were you with the event?

17 responses



Any overall feedback for the event?

17 responses



Dr. Jayadevan P C
Coordinator
HoD, Department of AU

SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY
VIDYA NAGAR, KARUKUTTY, ERNAKULAM - 683 582
DEPARTMENT OF AUTOMOBILE ENGINEERING

KNOWLEDGE SHARING PROGRAM ON
THE ART OF TECHNICAL WRITING: THESIS AND JOURNALS

The Department of Automobile Engineering, SSET has conducted a Knowledge Sharing Program on 'The Art of Technical Writing: Thesis and Journals' on 02nd November 2021 at 02.30 pm IST online through Google Meet. The objective of the program was to give a basic awareness about how to write a journal or technical paper or thesis.

The speaker was Dr. Jayadevan P C, Assistant Professor, Department of Automobile Engineering, SCMS School of Engineering and Technology, Paliserry, Karukutty. He discussed from the very basics of technical writing. He discussed the importance of writing a journal precise to the matter, and the importance of using simple language in the writing. The presentation was simple and the talk was from the heart. Dr. Gibin George and Dr. Raghav G R from the Department of Mechanical Engineering were involved in the discussion.

Mr. Amal P Dev, Assistant Professor, Department of Automobile Engineering, SSET coordinated the event.



The banner features a portrait of Dr. Jayadevan P C on the left. To the right, the text reads: "Knowledge Sharing Program", "The Art of Technical Writing: Thesis and Journals", "Dr. Jayadevan P C", "Assistant Professor", "Department of Automobile Engineering". Below this, it states "02 NOVEMBER 2021" and "02.30 PM IST JOIN ON GOOGLE MEET" with the URL "https://meet.google.com/rzz-cjxf-wsm". At the bottom, it lists "Faculty Coordinator: Mr. Amal P Dev", "Department of Automobile Engineering", "SCMS School of Engineering and Technology", and contact information: "Campus: Vidya Nagar, Karukutty, Ernakulam- 683578", "Tel: 91 484 2882900 / 901". Logos for AICTE, NBA, and SCMS are also present.

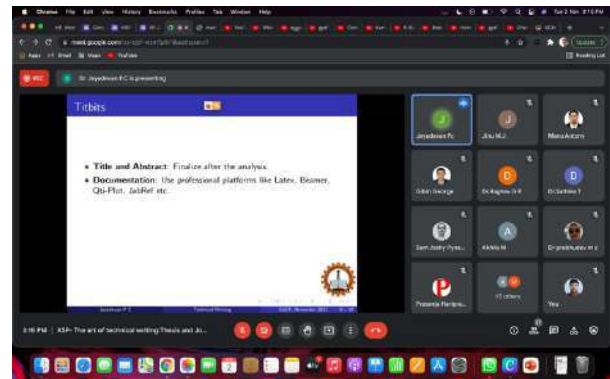
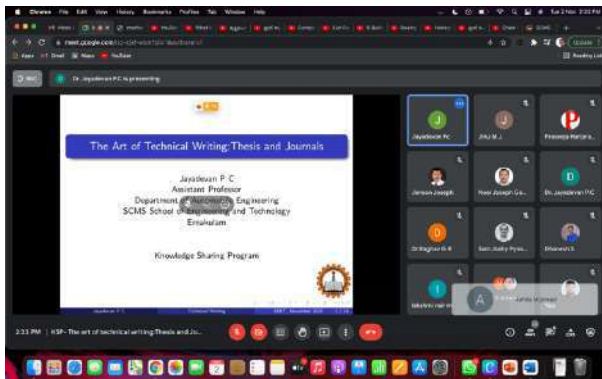
PROGRAM SCHEDULE

Topic: The Art of Technical Writing: Thesis and Journal

Time: 2.30 pm to 3.30 pm

Platform: Google Meet <https://meet.google.com/rzz-cjxf-wsm>

Welcome Address and Introduction	Mr. Amal P Dev Assistant Professor Department of Automobile Engineering SSET
Expert Talk	Dr. Jayadevan P C, Assistant Professor, Department of Automobile Engineering SSET

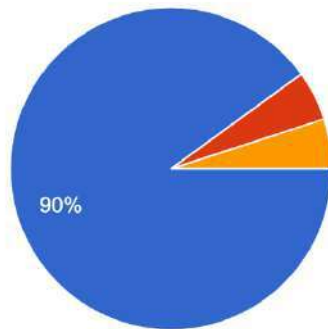


Responses collected from the Feedback form (Google Form)

1	Aravind P V
2	Albin Joseph
3	Raghav G R
4	Lakshmi Priya
5	Dr. Jenson Joseph.E
6	Dhanesh s
7	Amal P Dev
8	Retty George
9	Akhila M
10	VIPIN RAJ P G
11	KOSHY P JOSEPH
12	Praseeja A V
13	Sujay k
14	SAM JOSHY
15	Dr MANOJ KUMAR B
16	Dr. Prabhudev M S
17	Manu Antony
18	Nisha L
19	Dr. T. Sathies
20	Dr. Gibin George

College

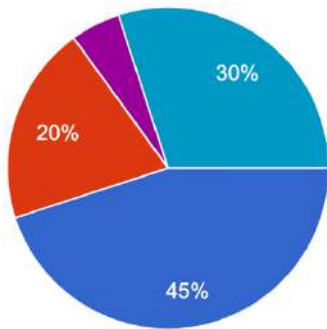
20 responses



- SCMS School of Engineering and Technology
- government Polytechnic Kalgi
- Sri Shanmugha College of Engineering and Technology

Department

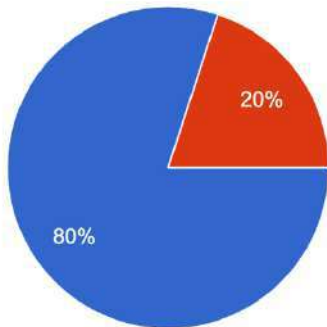
20 responses



- Automobile Engineering
- Civil Engineering
- Computer Science Engineering
- Electrical and Electronics Engineering
- Electronics and Communication Engineering
- Mechanical Engineering

The programme was well organised and structured.

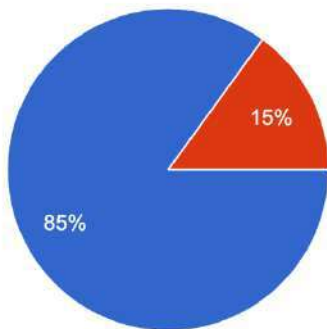
20 responses



- Strongly agree
- Agree
- Neutral
- Disagree
- Strongly disagree

The resource person was knowledgeable, organised and effective in his presentation.

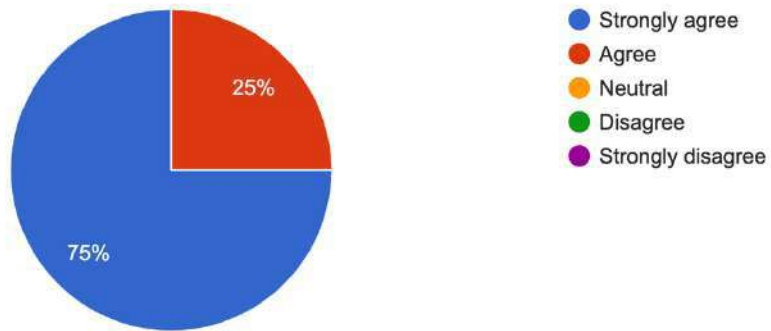
20 responses



- Strongly agree
- Agree
- Neutral
- Disagree
- Strongly disagree

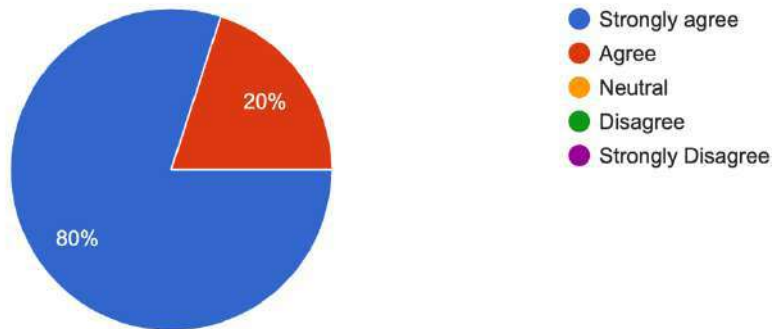
The resource person provided information useful for my career/self development.

20 responses



The presentation delivery system was stable and met the needs of the attendees.

20 responses



Suggestions:

- Nice presentation, Very informative
- Very useful presentation
- Super presentation
- GREAT WEBINAR .
- no
- Nice Presentation, Informative

Mr. Amal P Dev
Department Secretary
Department of Automobile Engineering
SSET

Head of the Department
Department of Automobile Engineering
SSET

SCMS School of Engineering and Technology

Department of Civil Engineering

Specification: Seminar

IPR/RM/ENTERPRENEURSHIP: Entrepreneurship

Seminar Topic: Entrepreneurship Awareness

Date: 23rd June, 2021

Mr. Jerry Anto gave a brief overview of “entrepreneurship” as a part of seminar organized by the Department of Civil Engineering on 23/06/2021. The session held through Google meet was attended by almost 25 participants, including students and faculty of the department. Some important points from the session are listed below:

- Entrepreneurship is the process of creating or starting a new business venture with the aim of making a profit.
- Characteristics of Successful Entrepreneurs:
 - Passion and Persistence
 - Creativity and Innovation
 - Vision
 - Flexibility and Adaptability
 - Financial Savvy
- Challenges Faced by Entrepreneurs:
 - Access to Capital
 - Market Competition
 - Regulatory Compliance
 - Staffing and Talent Acquisition
 - Time Management

At the end of session, the participants had an interaction with the resource person.



Mr. Jerry Anto

Assistant Professor
Dept. of Civil Engineering
SCMS School of Engineering and
Technology

Entrepreneurship Awareness

23 JUN
2021



On Google meet

*For B. Tech and M.Tech
students*

Co-ordinators:
Dr. Akhila M and Ms. Merin Mathew



DEPARTMENT OF CIVIL ENGINEERING

SSET SCMS School of
Engineering & Technology

Campus: Vidya Nagar, Karukutty, Ernakulam-683576, Tel: 91 484 2882900 / 901

Zoom Meeting

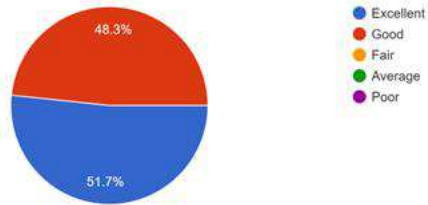
Meaning of Entrepreneurship

- ▶ The word entrepreneurship originates from the French word *entreprendre*, which means "**to undertake**".
- ▶ Entrepreneurship is the key to innovation, **productivity and effective competition**.
- ▶ When a person realizes his ability or capacity and makes its practical use and **establishes new business unit** this activity is known as **entrepreneurship**.

Seminar on "Entrepreneurship Awareness" by Mr. Jerry Anto (23-06-2021)

FEEDBACK FROM PARTICIPANTS

How useful did you find the session?



Prepared by,

Dr. Akhila M

Co-ordinator

Verified by,

Dr. Nisha L

HOD, CE

SCMS School of Engineering and Technology

Department of Mechanical Engineering

A Report on one day workshop on How to write a Scientific Article

Objective of the awareness talk:

Writing a Scientific article **gives you a head start to future scholarly works**. The student not only learns the process of research that is selecting a topic, reviewing the literature, collecting data and evaluation of data but it also helps you understand how to find answer of a question scientifically. Studies reveal that research helps restore and protect memory and enhances mathematic and problem-solving skills. Therefore, it prepares the mind for a better understanding of concepts and theories. A person's learning capacity is improved and they can perform better in comparison who is reluctant to research.

In this context the department of Mechanical Engineering organized an awareness talk on “**How to write a Scientific Paper on March 22 at 11 AM IST**” at the Mechanical Department Seminar hall. The program was organized and coordinated by Dr Raghav G R. The program was specifically organized for S8 ME students. Around 35 Students have attended the awareness talk. **Dr Gibin George, Assistant Professor**, Department of Mechanical Engineering, SSET was the resource person. He has published nearly 44 research articles and have 8 years of research experience, hence his knowledge in writing research article will have great impact among final year students.

This awareness talk started with sharing the knowledge about research articles and then followed by sharing us about the different types of research articles that are available in academic research. Dr Gibin George also explained about how a research article should be structured and hinted how a research article should be written in a pleasing and acceptable manner. Then he also provided insights about various reference styles and shared his knowledge in reference manager software's such as Mendely Desktop and Zotero. Finally, he ended the talk thanking the Management, principal and HOD for giving him this opportunity to share his expertise with the students.

Photographs of the awareness talk







[One day workshop on How to write a scientific article.jpg](#)

Attendance

S.No	Name	Department
1	ABDUL BASITH THAZHE VELERI	
2	ABHIJITH T S	

3	ABHIRAM	
4	ABHIRAM K T	
5	ABHIROOP	
6	ABHISHEK S NAMBIAR	
7	ABIN ANTONY	
8	ADARSH CHANDRAN	
9	ADITHYAN MENON M	
10	AGHIL A	
11	AJAIKAPAT U	
12	AKSHAY P	Mechanical
13	ALBERT ZAVIER	
14	ALBIN TOMY	
15	ALFIN MARTIN	
16	ALINS BENNY	
17	ALPHIN SEBASTIAN	
18	AMAL JAMES	
19	AMAL K R	
20	ANAKH VALSAN	
21	ANANDHU AJAY	
22	ANIL DENNY	
23	ARJUN MOHAN	
24	ARUN RAJU	
25	ATHUL P PRAKASAN	
26	ATHUL S	
27	BADAREEKRISHNA	
28	BHARATH J MENON	
29	BHARATH MUKESH	

30	BIBIN A M
31	CHRISTOPHER XAVIER THATTIL
32	DEEPAK P MENON
33	ESTHER ALEXANDER
34	FEBIN A P
35	FEBIN SHAJU



Dr Rag R L
HOD/ MECH

SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY
VIDYA NAGAR, KARUKUTTY, ERNAKULAM - 683 582

DEPARTMENT OF MECHANICAL ENGINEERING

INTRODUCTION TO COMPOSITE MATERIALS- A RESEARCH PERSPECTIVE

The lecture series for the **month of October 2021** was given by **Dr. Raghav G R. Associate Professor**, Department of Mechanical Engineering, SSET. The welcome address was given by the organizer, Mr. Dhanesh S, Assistant professor, Department of Mechanical Engineering, SSET. Total of **25 faculties** attended the session online.



ARiME presents
Teachers Initiative Programs on
"Introduction to
Composite Materials
– A Research
Perspective"



Dr. RAGHAV G R
Associate Professor
Department of Mechanical Engineering

29 OCT 2021 | **03:00 PM IST**
Join on Google Meet

Faculty Coordinator – Mr. Dhanesh S



Department of Mechanical Engineering

SSET SCMS School of
Engineering & Technology

Campus: Vidya Nagar, Karukutty, Ernakulam – 683576, Tel: 91 484 2682900 / 901

An overview of the topics

The introduction to composites materials was presented in this session. The presentation deals with the research areas that can be explored in composites materials. The lecture also covers lot of basic about materials characterization techniques which an be utilized for studying the composite materials. The lecture also let us know various testing methods for composite materials and their principles. The lecture also let us understand the steps involved in powder metallurgy process.

Participants from various departments of SSET participated in the session. The knowledge sharing session was conducted in online mode and screenshots are shown below. The session was concluded by vote of thanks by the organizer.

The screenshot shows a Google Meet interface. At the top, the browser address bar displays the meeting URL: `meet.google.com/hnh-umv-v-thp?pli=1&authuser=1`. The meeting title is "TIPS-Introduction to Composite Materials...". The presenter is identified as "Raghav G R".

The main content is a presentation slide titled "Classification of Composite materials". The slide features a hierarchical tree diagram:

- Composite materials
 - Matrix types
 - Polymeric matrix
 - Thermo-plastic (Nylon, PP, ABS, PC, PPS, PPO)
 - Thermoset (Polyester, Vinylester, Epoxy, Phenolic)
 - Metal matrix (Al, Cu, Ni, Ti)
 - Ceramic matrix (Glas, Cenent)
 - Reinforcement types
 - Whisker-reinforced
 - Particle-reinforced
 - Large particle
 - Dispersion strenghted
 - Fiber-reinforced
 - Continuous
 - Uni-directional
 - Bidirectional
 - Shole
 - Hybrid
 - Aligned
 - Oblique
 - Orthogonal
 - Structural
 - Laminats
 - Sandwich

The bottom of the screen shows a grid of participant avatars, including Raghav G R, Anupkumar T.M., Dhanech S, Nool Joseph G..., Anjana Viswan..., Gibin George, Koshy Joseph P, and 11 others. A notification for "VIPIN RAJ (outside SCMS Group of Institutions) joined" is visible. The system tray at the bottom shows the time as 3:05 PM on 29-10-2021.

Mathrubhumi News Live HD | M... | Holy Grace Academy of Engineer... | Meet - TIPS - Introduction to ...

meet.google.com/hnh-umwv-thp?pli=1&authuser=1

REC Raghav G R is presenting

5 Classification of Composite materials

3:05 PM | TIPS - Introduction to Composite Materials...

REC Raghav G R is presenting

People: Raghav G R, Anupkumar T.M., Dhaneesh S, Nool Joseph G..., Anjana Viswan..., Giblin George, Koshy Joseph P, 11 others, You. VIPIN RAJ (outside SCMS Group of Institutions) joined.

Windows taskbar: Type here to search, 03:05 PM 29-10-2021

Mathrubhumi News Live HD | M... | Holy Grace Academy of Engineer... | Meet - TIPS - Introduction to ...

meet.google.com/hnh-umwv-thp?pli=1&authuser=1

REC Raghav G R is presenting

5 Classification of Composite materials

Mathrubhumi News Live HD | M... | Holy Grace Academy of Engineer... | Meet - TIPS - Introduction to ...

meet.google.com/hnh-umwv-thp?pli=1&authuser=1

REC Raghav G R is presenting

10 Solid State Processes

- The solid-state composite fabrications consist of following types of processes such as
- powder metallurgy process,
- Diffusion bonding,
- vapour deposition processes and
- spray deposition.

People: Raghav G R, Anupkumar T.M., 18 others. Mute all, Add people, Host controls. Dr. Jayadevan P.C., Dr. Rag R.L., Giblin George, Gopalakrishnan K., Jenson Joseph.

A handwritten signature in black ink, consisting of a large, stylized letter 'G' followed by a series of loops and a long horizontal stroke ending in an arrowhead.

HOD

Department of Mechanical Engineering

SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY
VIDYA NAGAR, KARUKUTTY, ERNAKULAM - 683 582

DEPARTMENT OF MECHANICAL ENGINEERING

**ASSOCIATION OF MECHANICAL ENGINEERS FOR RESEARCH AND
INNOVATION (ARiME)
RESEARCH TALK**

The lecture series for the month of **September 2021** was given by **Dr. Jenson Joseph E, Associate Professor, Department of Mechanical Engineering, SSET.** The welcome address was given by the organizer, Mr. Dhanesh S, Assistant Professor, Department of Mechanical Engineering, SSET.



ARiME presents
Teachers Initiative Programs on
"3D Printing:
Techniques, Modern
Applications and
Scope of Research"

Dr. Jenson Joseph E
Associate Professor
Department of Mechanical Engineering

13 SEP 2021 | **03:00 PM IST**
Join on Google Meet

Faculty Coordinator – Mr. Dhanesh S

ACCREDITED BY
 **NBA**
NATIONAL BOARD
OF ACCREDITATION

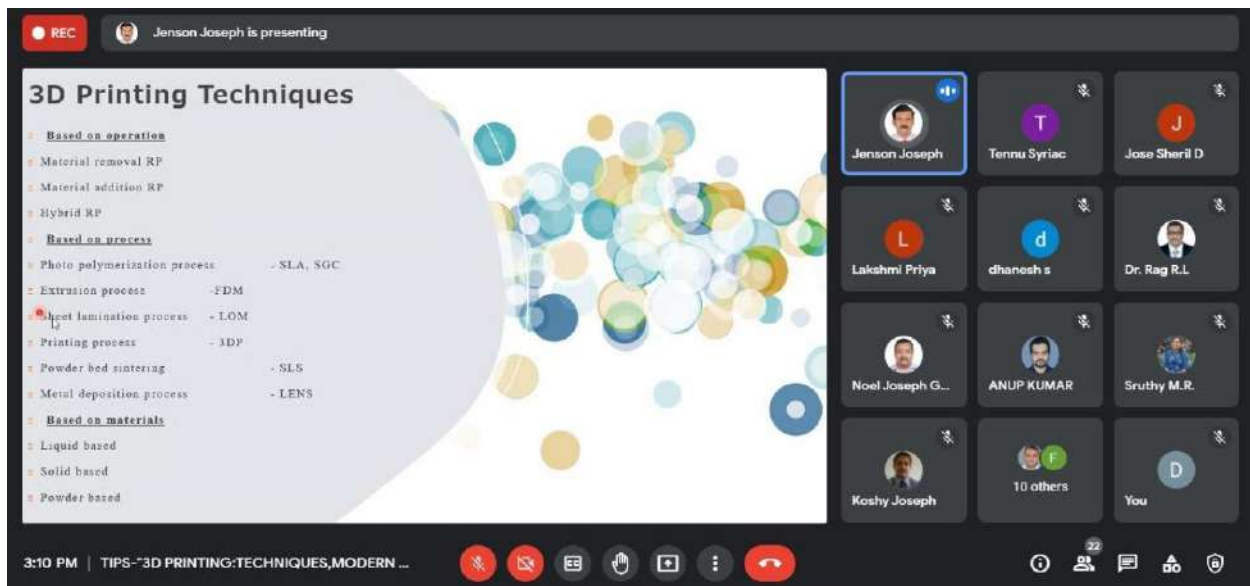
 **Department of Mechanical Engineering**
SSET SCMS School of
Engineering & Technology
Campus: Vidya Nagar, Karukutty, Ernakulam - 683576. Tel: 91 494 2582909 / 981

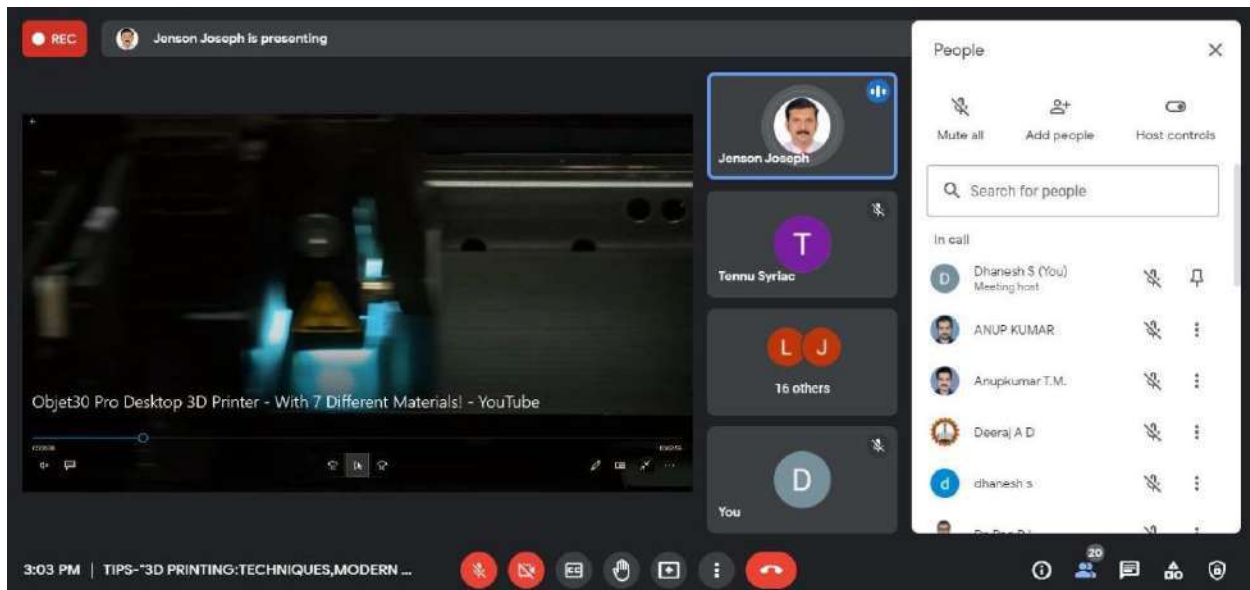
3D Printing is the main component in Industry 4.0 and hence a knowledge awareness about the technology and its insight is mandatory for the faculty members. An overview of the topics discussed in the presentation titled "**3D Printing: Techniques, Modern Applications and Scope of research**" is given below.

- This program aims to create awareness about the applications of 3D printers and the various techniques associated with them.

- The program describes the various 3D printing techniques that are already existing.
- It also shares information about the modern applications of 3D Printing technology.
- Also, this program gives a unique feature about the research scope associated with the 3D printing techniques.

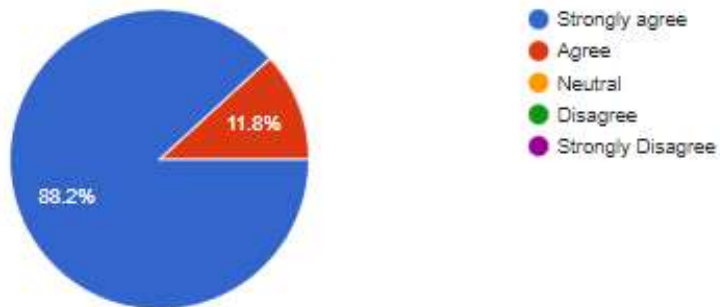
25 participants from various departments of SSET participated in the session. The knowledge sharing session was conducted in online mode and screenshots are shown below. Feedback of the session are also attached below. The session was concluded by vote of thanks by the organizer.





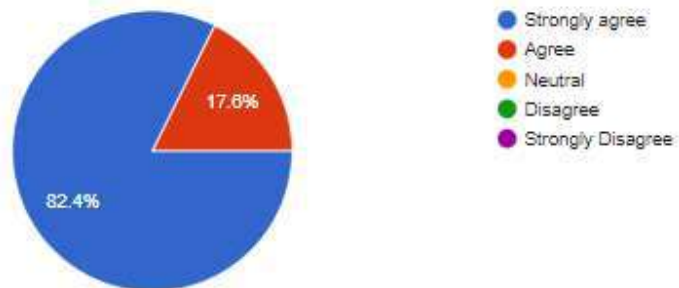
The program was well organised and structured.

17 responses



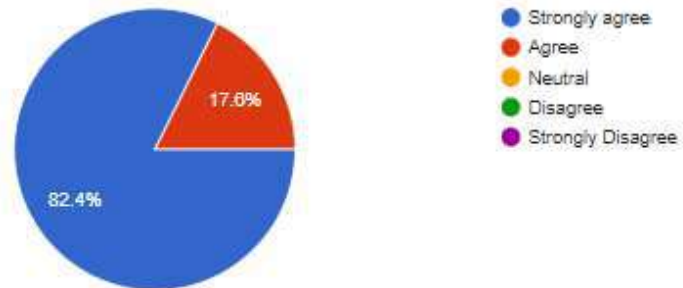
The resource person was knowledgeable, organised and effective in his presentation.

17 responses



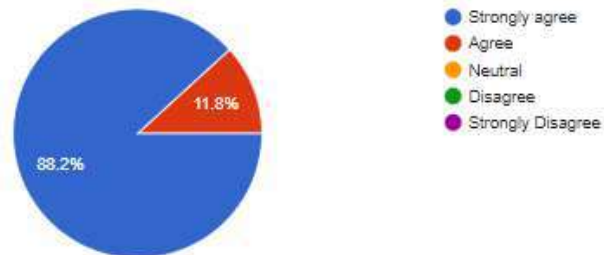
The resource person provided information useful for my career development.

17 responses



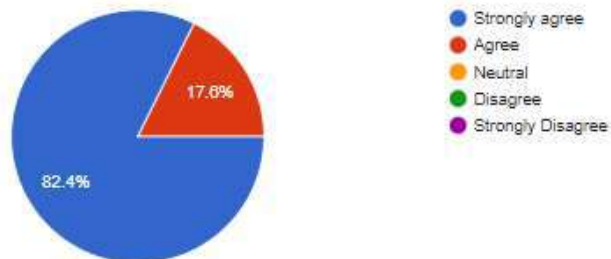
The event covered contents encouraging innovations and technologies for the benefit of the society and environment.

17 responses



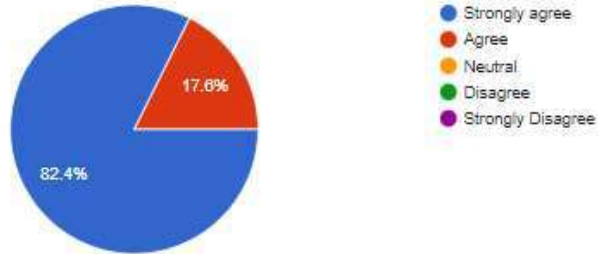
The resource person provided a platform to demonstrate the knowledge of, and need for sustainable development.

17 responses



The event enabled the participants to understand the need to engage in independent and life-long learning in the broadest context of technological change associated with sustainable environment.

17 responses



What was the most interesting aspect about this session?

17 responses

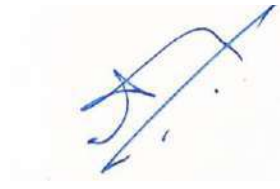
- Delivery
- Presentation
- new 3D printing methods and applications
- Nil
- 3D Printing
- Content of presentation
- Use of visual aids were very informative
- Printing applications
- The use of visual aids was well done

Attendance and Feedback based on response from Google Form (17 responses) –

Name of faculty	Department
Dr.Rag R.L	Mechanical Engineering
Dr Mahesha Rengaraj	
Dr Raghav G R	
Mr Francis Thomas	
Mr Jose Sheril De Cotha	
Mr Noel Gomez	
Mr Vishnu	

Mr Sanju A C	
Mr Dhanesh S	
Mr Suraj	
Dr Anjana Viswanath	
Dr Gibin George	
Mr Nikhil Ashok N	
Mr Ajith Kumar R	
Dr Manoj Kumar B	Automobile Engineering
Mr Anoop M.S	Automobile Engineering
Mr Albin Thomas	Automobile Engineering

A handwritten signature in black ink, consisting of a stylized 'G' followed by a series of loops and a horizontal line ending in an arrowhead.



T. M. Anup Kumar
Secretary
ARiME

Dr. Rag R L
Head of Department
Department of Mechanical Engineering

DEPARTMENT OF BASIC SCIENCE AND HUMANITIES

One day Seminar on **Research Methodology**

**RESEARCH MANUSCRIPT TO PUBLICATION
PROCESS-AN OVERVIEW**



Dr Geethu R

Assistant Professor
Basic Science and
Humanities Department
SSET, Karukutty

21

SEPT 2021

09:30AM-03:30PM



Break
the
chain

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Website: www.scmsgroup.org/sset Tel: 0484 2882900/041 : 2450330

SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY,
KARUKUTTYBASIC SCIENCE AND HUMANITIES DEPARTMENT

One day Seminar on **Research Methodology**

“Research Manuscript to Publication Process – An Overview”

Basic Science and Humanities Department organised third KSP session on **21st September 2021, 10:30 am**. The program was started at the time given through google meet with the welcome address by Ms Reshma R. The speaker of the program was Dr. Geethu R, Assistant Professor, Basic Science and Humanities department. She shared her experiences that she had gained through the Research Program from CUSAT, Kerala during the period 2011-2021



The talk started with a brief explanation about the importance of research in present academics and the importance about to register in Research gate, Google scholar etc. She divided the sessions into two parts where in the first session she explained about the Science direct, Scifinder, impact factor, h- index etc.



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Tel: 7034680074 ,7034680073 , +91 484 2882900

Department of Basic Science & Humanities

Name of the Program : KNOWLEDGE SHARING PROGRAM 3
Date & Time : 21/09/2021 10:30 AM - 11:30 AM
Topic : RESEARCH MANUSCRIPT TO PUBLICATION PROCESS - AN OVERVIEW
Speaker : Dr GEEETHU R Convenor: Ms. Jesna K Sebastian
Mode of Presentation: Online (Google Meet)

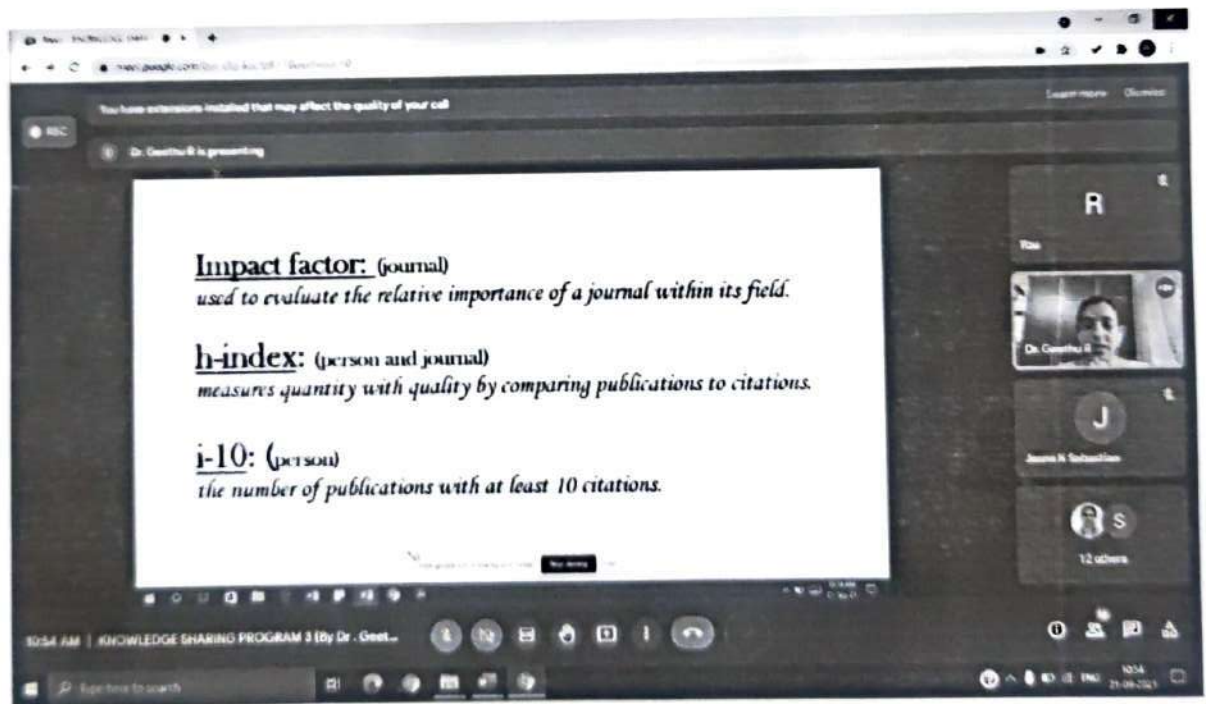
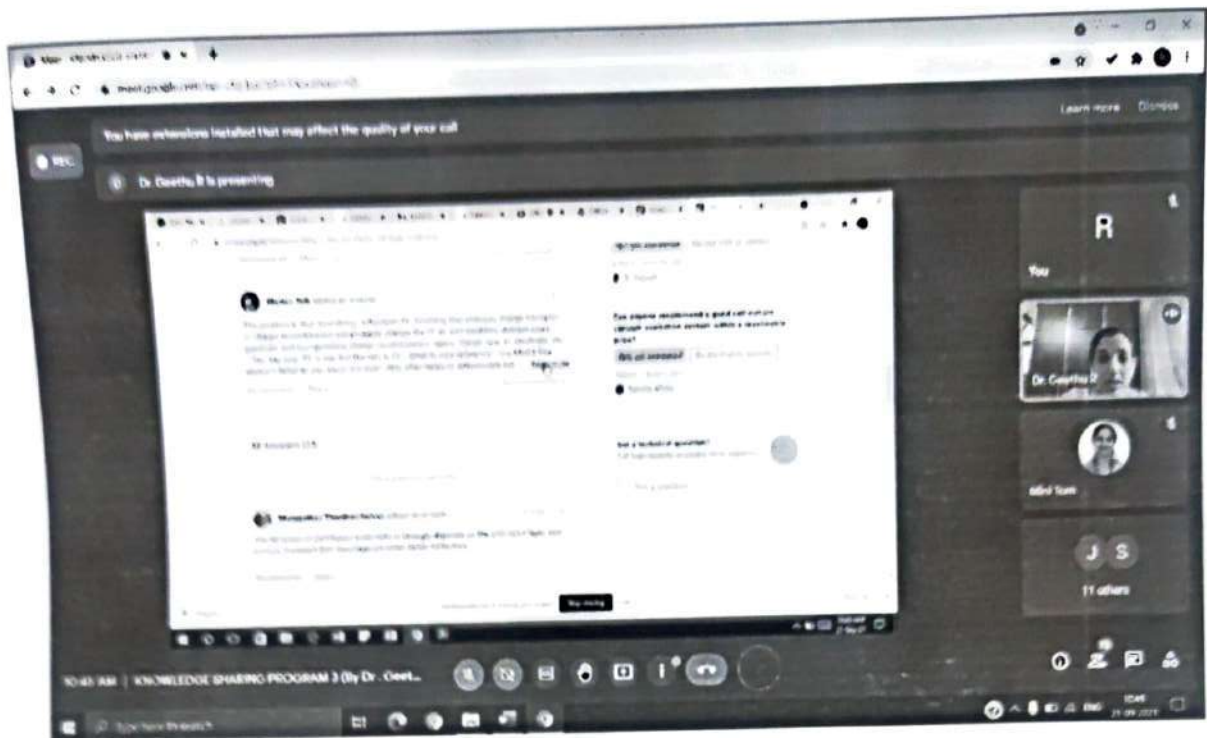
Attendance Report

SrNo	Name of Faculty	Designation	Signature
1	DR. MINI TOM	Professor	<i>Mini Tom</i>
2	DR. SREELEKHA B	HOD, Associate Professor	<i>Sreelekha</i>
3	SURYA K A	Asst.Professor	<i>Surya</i>
4	RESHMA .R.	Asst.Professor	<i>Reshma</i>
5	NUJA M. UNNIKRI SHNAN	Asst.Professor	<i>Nuja</i>
6	SOPHIA CLEETUS	Asst.Professor	<i>Sophia</i>
7	PREEMA SHINOJ	Asst.Professor	<i>Preema</i>
8	NITTY ROSE AUGUSTINE	Asst.Professor	<i>Nitty</i>
9	JESNA K SEBASTIAN	Asst.Professor	<i>Jesna</i>
10	RESMI N	Asst.Professor	<i>Resmi</i>
11	JANE THERESA	Asst.Professor	<i>Jane</i>
12	DIVYA M S	Asst.Professor	<i>Divya</i>
13	SUBBAIYA M	Asst.Professor	<i>Subba</i>
14	DR. GEETHU R	Asst.Professor	<i>Geethu</i>
15	ATHIRA SUBASH	Lab Staff	<i>Athira</i>
16	SIJI JOY	Lab Staff	<i>Siji</i>

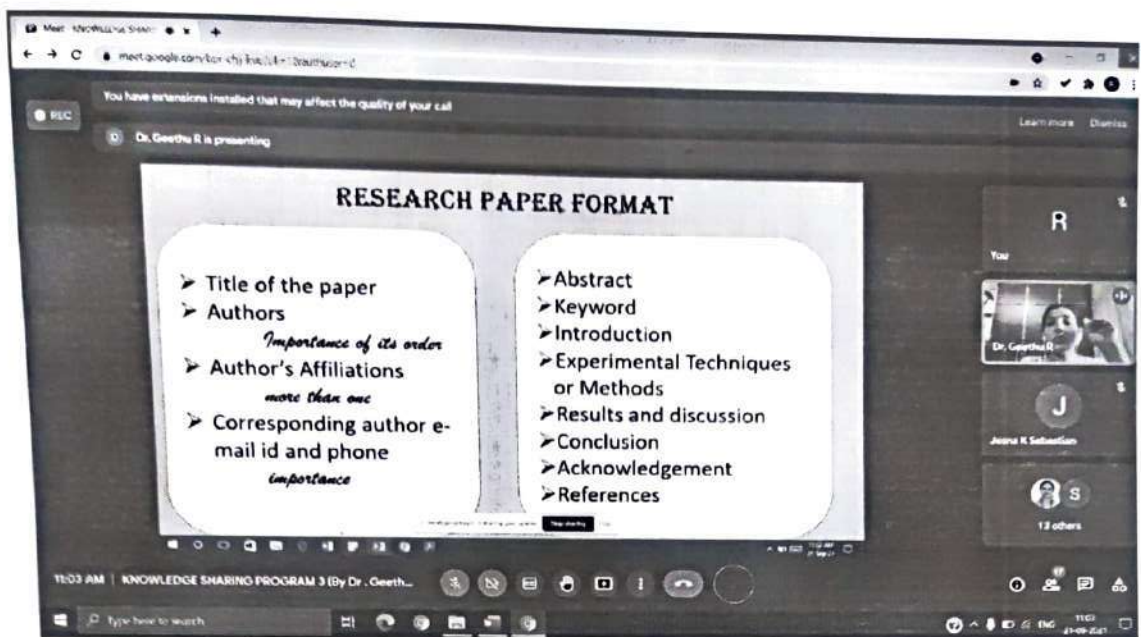
Approved by

HOD

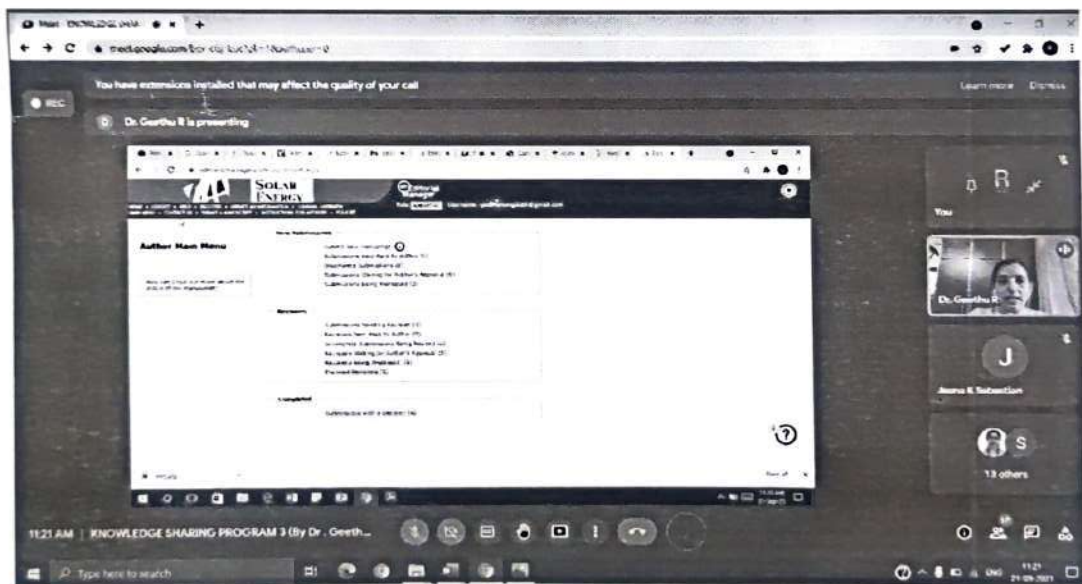
Sreelekha



In the second part of the discussion, she mentioned about how to write a research paper. In that she included the points such as abstract preparation, selection of key words, relevance of introduction, experimental parts, results and discussion, significance of conclusions and references.



She concluded her talk by sharing her own journal papers with the participants and described about the path she had followed to publish them.



The session was interactive, thought provoking, interesting and clear. The speaker was able to create an insight about Journal publication process and its relevance among all the participant. The faculty members of Basic Science and Humanities were attended the program.



Vote of thanks was proposed by the coordinator Ms Jesna K Sebastian, Assistant Professor, Basic Science and Humanities Department.

Thank You

Dr Sreelekha B

Associate Professor & HoD

Dept. of Basic Science and Humanities, SSET, KARUKUTTY

[Handwritten signature]
30/09/2021

Jesna
30/09/21
Jesna K. Sebastian
Coordinator

Report

Title: How to review manuscripts in Research

Date: 31-01-2022

Time: 2:30 PM

Summary:

A talk on the importance of reviewing manuscripts for research finding and projects.

Poster

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

KNOWLEDGE SHARING SERIES-10

TOPIC:
How to Review a Manuscript in Research

Dr. Varun G Menon

Head of the Department
Department of Computer Science and Engineering
SCMS School of Engineering and Technology



31 JAN 2022 | 2:30 PM

<https://meet.google.com/vzd-gjqn-kxi>

Faculty Coordinator
Ms. Josna Philomina




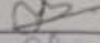


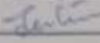
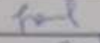

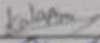




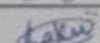
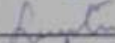

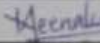




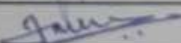


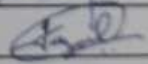

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54	SHIVADUTH S THAMPI	SCM20CS116	
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56	SHOUN BENNIS	SCM20CS118	
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60	SOORYA KIRON JOHN	SCM20CS122	<i>Soorya</i>
61	SOUMYA SUNIL	SCM20CS123	<i>Soumya</i>
62	SOURAV K	SCM20CS124	<i>Sourav</i>
63	SREEDARSANA AJAY	SCM20CS125	<i>Sreedarsana</i>
64	SREENIKTHA VALSAN	SCM20CS126	<i>Sreeniktha</i>
65	TOM GEORGE KAPPIL	SCM20CS127	<i>Tom George</i>
66	VAISHNAV M V	SCM20CS128	<i>Vaishnav</i>

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

KNOWLEDGE SHARING SERIES-10

TOPIC:

How to Review a Manuscript in Research

Dr. Varun G Menon

Head of the Department

Department of Computer Science and Engineering
SCMS School of Engineering and Technology



31 JAN 2022 | 2:30 PM

<https://meet.google.com/vzd-gjqn-kxi>

Faculty Coordinator
Ms. Josna Philomina



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Tel: 7034680074, 7034780073, +91 484 2882900

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Mrs. Neenu Sebastian
Event Coordinator

Dr. Varun G Menon
HOD-CSE

Report

Title: How to review manuscripts in Research

Date: 31-01-2022

Time: 2:30 PM

Summary:

A talk on the importance of reviewing manuscripts for research finding and projects.

Poster

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

KNOWLEDGE SHARING SERIES-10

TOPIC:
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

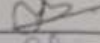


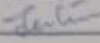
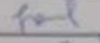

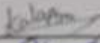




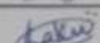
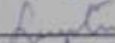

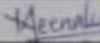




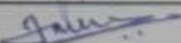


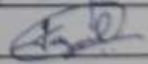

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51	SANDRA SATHYAN M	SCM20CS113	<i>Sandra</i>
52	SAVIO VINU ABRAHAM	SCM20CS114	<i>Savio</i>
53	SEBIN TOMY	SCM20CS115	<i>Sebin</i>
54	SHIVADUTH S THAMPI	SCM20CS116	
55	SHIVANG VIDYADHARAN	SCM20CS117	<i>Shivang</i>
56	SHOUN BENNIS	SCM20CS118	
57	SHREYA SAHAJAN	SCM20CS119	<i>Shreya</i>
58	SIDHARTH N S	SCM20CS120	
59	SOORAJ S	SCM20CS121	
60	SOORYA KIRON JOHN	SCM20CS122	<i>Soorya</i>
61	SOUMYA SUNIL	SCM20CS123	<i>Soumya</i>
62	SOURAV K	SCM20CS124	<i>Sourav</i>
63	SREEDARSANA AJAY	SCM20CS125	<i>Sreedarsana</i>
64	SREENIKTHA VALSAN	SCM20CS126	<i>Sreeniktha</i>
65	TOM GEORGE KAPPIL	SCM20CS127	<i>Tom George</i>
66	VAISHNAV M V	SCM20CS128	<i>Vaishnav</i>

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

KNOWLEDGE SHARING SERIES-10

TOPIC:

How to Review a Manuscript in Research

Dr. Varun G Menon

Head of the Department

Department of Computer Science and Engineering
SCMS School of Engineering and Technology



31 JAN 2022 | 2:30 PM

<https://meet.google.com/vzd-gjqn-kxi>

Faculty Coordinator
Ms. Josna Philomina



SSET SCMS School of
Engineering and Technology

Campus: Vidya Nagar, Karukutty, Ernakulam- 683 576

Tel: 7034680074, 7034780073, +91 484 2882900

ACCREDITED BY



Mrs. Neenu Sebastian
Event Coordinator

Dr. Varun G Menon
HOD-CSE

EXPERT TALK

Entrepreneurship Opportunities in AI



30th NOV
2021



Time
6:00 PM



Venue

Seminar Hall, Academic Block - 1



Mr. Ashok T Kumar

AI Technology Systems Research

Massachusetts Institute of Technology Labs, USA

Faculty Coordinator
Ms. Sreeja K S
ECE Department



SSET SCMS SCHOOL OF
ENGINEERING AND TECHNOLOGY

Campus: Vidya Nagar, Karukutty, Ernakulam - 683576 Kerala

Website: www.scmsgroup.org/sset Tel: 0484 2882900/0484 2450330

— Accredited by —



SCMS School of Engineering and Technology

Department of Electronics and Communication Engineering

A Report on the talk on “Entrepreneurship Opportunities in AI Technologies”

Objective of the talk:

Department of Electronics and Communication, SSET organised an expert talk on ‘Entrepreneurship Opportunities in AI Technologies’ for faculties and students. The resource person Mr. Ashok T Kumar is currently working for AI Technology Systems Research at Massachusetts Institute of Technology Labs specialised in Advanced AI Based System Development for Cyber Security. The session was conducted on 30/11/2021, 6.00pm via zoom meeting.

The talk began by explaining the basics of Machine Learning Techniques. The three types of learning techniques ,Supervised, Unsupervised and Regression methods was compared. More focus was done in the supervised learning methods. The importance of data acquisition and collection of samples for training and testing the system was explained. The possible issues related to overfit, underfit and optimal fit based on sample collection was discussed briefly. An overview on Neural networks and the learning methods were shared with the participants. An insight into the evaluation techniques based on F1 score, Accuracy, Precision and Recall was given during the session. The speaker discussed many entrepreneurship opportunities in AI, as the technology continues to advance and transform various industries. Some of them were:

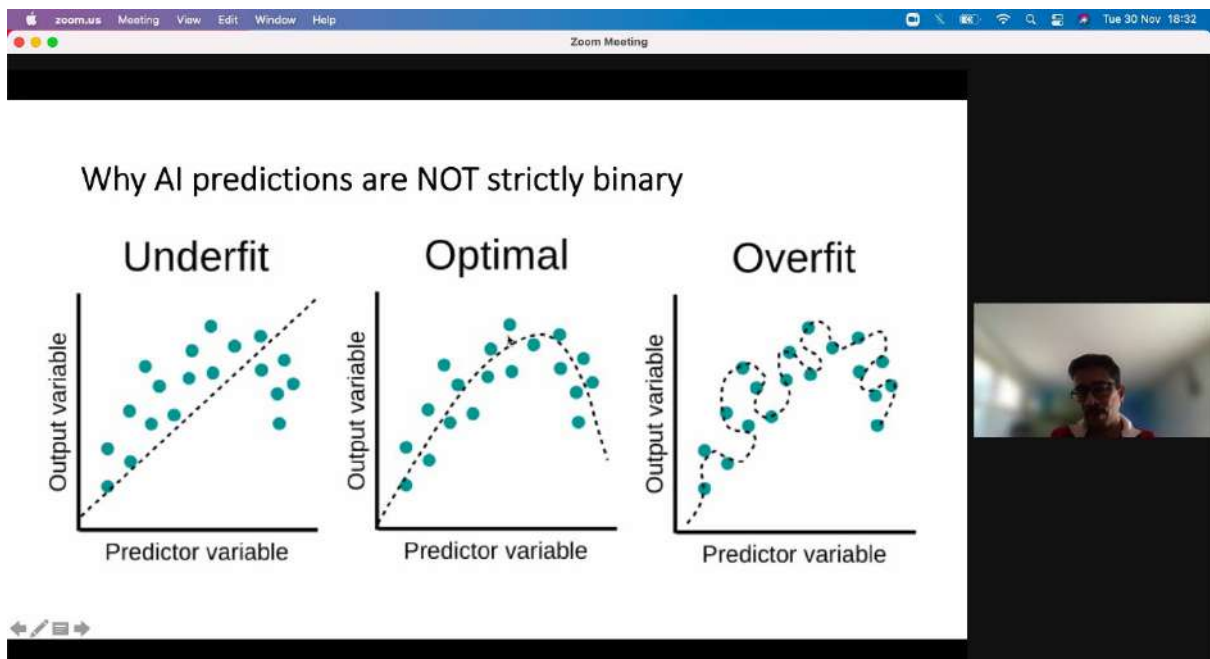
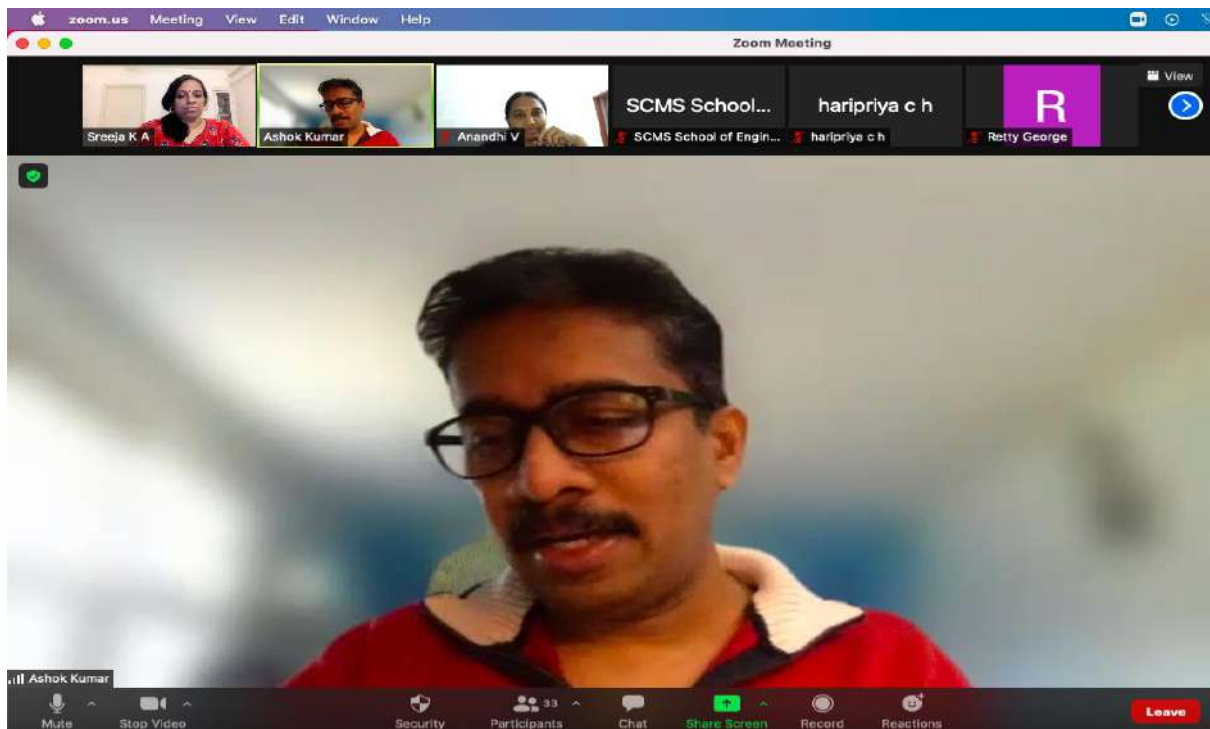
1. AI-powered chatbots and virtual assistants
2. AI-driven cybersecurity solutions
3. AI-powered personalized e-commerce experiences
4. AI-based customer service and support
5. AI-enhanced supply chain and logistics optimization
6. AI-driven content creation and curation

The session was attended by seventh semester and fifth semester B. Tech ECE students. Ms Anandhi. V, HOD- in- Charge, Electronics and Communication department proposed the vote of thanks.

Ms. SREEJA K A

FACULTY COORDINATOR

Screenshots of the program:



zoom.us Meeting View Edit Window Help

You are viewing Ashok Kumar's screen View Options

Tue 30 Nov 18:58

Explainable AI – Evaluation Methods

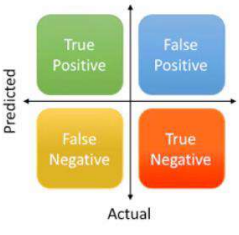
•F1 Score

$$F1 = 2 * \frac{1}{\frac{1}{precision} + \frac{1}{recall}}$$

Precision = $\frac{\text{True Positive}}{\text{Actual Results}}$ or $\frac{\text{True Positive}}{\text{True Positive} + \text{False Positive}}$

Recall = $\frac{\text{True Positive}}{\text{Predicted Results}}$ or $\frac{\text{True Positive}}{\text{True Positive} + \text{False Negative}}$

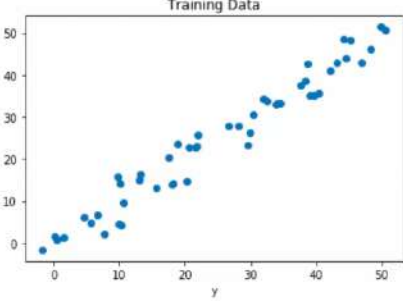
Accuracy = $\frac{\text{True Positive} + \text{True Negative}}{\text{Total}}$



Ashok Kumar

Unmute Start Video Security Participants Chat Share Screen Record Reactions Leave

Machine Learning – Regression Problems



- Continuous values
- Price Trends, Sales Charts etc

Ashok Kumar

SCMS School of Engineering And Technology, Karukutty
Department of Electronics and Communication Engineering

FEEDBACK RESPONSE

Question	The program was well organized and structured	The resource person was knowledgeable ,organized and Effective in his presentation.	The resource person provide information useful for my career development	Did the speaker engage the audience
	Good	Ok	Good	Ok
	Good	Ok	Ok	Good
	Good	Poor	Good	Ok
	Good	Good	Good	Ok
	Good	Good	Good	Good
	Good	Good	Good	Good
	Good	Good	Good	Ok
	Good	Good	Good	Good
	Good	Good	Ok	Good
	Good	Good	Ok	Good
	Good	Good	Ok	Good
	Good	Ok	Ok	Good

HOD
ANANDHI V



SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY
VIDYA NAGAR, KARUKUTTY, ERNAKULAM - 683 582

DEPARTMENT OF MECHANICAL ENGINEERING

**ASSOCIATION OF MECHANICAL ENGINEERS FOR RESEARCH AND
INNOVATION (ARiME)**

RESEARCH ORIENTED-TEACHERS INITIATIVE PROGRAM

The lecture series for the month of June 2021 was given by **Dr. Vidya Chandran**, Associate Professor, Department of Mechanical Engineering, SSET. The welcome address was given by the organizer, Mr. Dhanesh S, Assistant professor, Department of Mechanical Engineering, SSET.



ARiME presents
Teachers Initiative Programs
on "Response
Prediction of
Hydrokinetic Energy
Harvester"



Dr. Vidya Chandran
Associate Professor
Department of Mechanical Engineering

30 JUNE 2021 | **12:00 PM IST**
Join on Google Meet



Department of Mechanical Engineering
SSET SCMS School of
Engineering & Technology
Campus: Vidya Nagar, Karukutty, Ernakulam - 683576, Tel: 91 484 2882900 / 901

An overview of the topic-

A simplified method for understanding the interaction between in-line and cross-flow responses using computational fluid dynamics simulations is presented in the session. Interaction between the responses in the in-line and cross-flow directions in vortex induced vibrations of

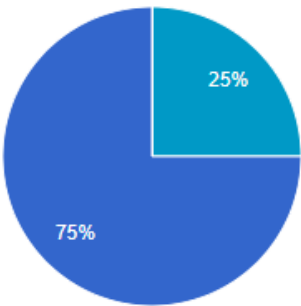
cylindrical risers in the marine environment is still not fully understood. The trends of variation of hydrodynamic and structural parameters as well as pattern of shedding have been determined numerically to understand the effect of the in-line degree of freedom as well on the riser response and hydrodynamic force coefficients and the results show that a single degree of freedom riser is more susceptible to lock in vibration. Vortex induced vibration (VIV) of marine risers poses all the challenges in the deployment and operation of marine risers.

Participants from various departments of SSET participated in the session. The knowledge sharing session was conducted in online mode and screenshots are shown below. Feedback of the session are also attached below. The session was concluded by vote of thanks by the organizer.

Attendance and Feedback based on response from Google Form (12 responses) –

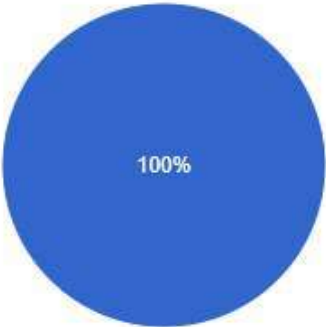
Name of faculty	Department
Dr.Rag R.L	Mechanical Engineering
Dr Mahesha Rengaraj	
Dr Raghav G R	
Mr Francis Thomas	
Mr Jose Sheril De Cotha	
Mr Noel Gomez	
Mr Vishnu	
Mr Sanju A C	
Mr Dhanesh S	
Mr Suraj	
Dr Anjana Viswanath	
Dr Gibin George	
Mr Nikhil Ashok N	
Mr Ajith Kumar R	
Dr Sreelekha Menon	BSH
Ms Divya M S	BSH
Ms. Febini Joseph	BSH

Department



- Mechanical Engineering
- Civil Engineering
- Computer Science and Engineering
- Electrical and Electronics Engineering
- Electronics and Communication Engineering
- Basic Science and Humanities
- Automobile Engineering

The program was well organised and structured.



- Strongly agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

The resource person was knowledgeable, organised and effective in his presentation.



The resource person provided information useful for my career development.



The event enabled the participants to understand the need to engage in independent and life-long learning in the broadest context of technological change associated with sustainable environment.



The event covered contents encouraging innovations and technologies for the benefit of the society and environment.

4



The resource person provided a platform to demonstrate the knowledge of, and need for sustainable development.



What was the most interesting aspect about this session?

Topic

It discloses a new method of power generation

Hydrodynamic simulations

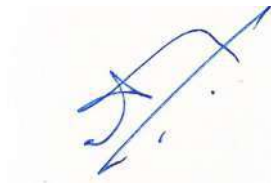
A method to harness residual energy from waters not suitable to be turbined.

Which topic would you like to hear in future from such programs?

Renewable energy based devices

yes

quantum computing



T. M. Anup Kumar
Secretary
ARiME



Dr. Rag R L
Head of Department
Department of Mechanical Engineering