



SCHOOL OF ARTS AND SCIENCE (SAS), AV CAMPUS, PAIYANOR – 603104
ENTREPRENEURSHIP DEVELOPMENT CELL & INSTITUTION'S INNOVATION
COUNCIL

SAS/EDCIC/CIR/2023-24/007

CIRCULAR

DATE:16/11/2023

The Entrepreneurship Development Cell & Institution's Innovation Council (EDC-IIC) of School of Arts and Science, Paiyanor will organize an international webinar on 17/11/2023 through Zoom link. All heads and faculties are requested to attend the virtual event.


DIRECTOR (SAS) 16/11/2023

CIRCULATED TO	1. All Departments/Classes
	2. Notice Board
	3. File

SCHOOL OF ARTS AND SCIENCE
Vinayaka Mission's Chennai Campus, Paiyanoor
ENTREPRENEURSHIP DEVELOPMENT CELL &
INSTITUTION'S INNOVATION COUNCIL (EDC-IIC)

REPORT OF THE INTERNATIONAL WEBINAR (DATED:17/11/2023)

Name of the Event : Problem Solving and Ideation Workshop

Date & Time : 17.11.2023 & 2:30 p.m.

Mode : Online Zoom Meet

Total Participants : 135



Cordially invites you all for the

SAS
SCHOOL OF ARTS AND SCIENCE

International Webinar on Problem-Solving & Ideation

Topic **Automated Synthesis of Manufacturing Process Plans**

17th November 2023

02:30 pm - 03:30 pm (Indian Time)
10:00 am - 11:00 am (U.K Time)

Mode: Online

Resource Person
Dr. Daniele Scrimieri
Assistant Professor
Faculty of Engineering & Digital Technologies
University of Bradford UK

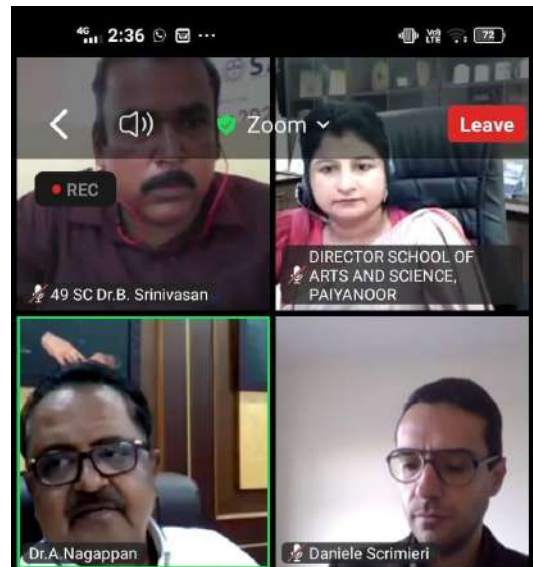
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Organised by:
Entrepreneurship Development Cell & Institution's Innovation Council

VINAYAKA MISSION'S RESEARCH FOUNDATION
NAAC
INSTITUTION'S INNOVATION COUNCIL

The Entrepreneurship Development Cell and Institution's Innovation Council (EDC-IIC) of School of Arts and Science, Vinayaka Mission's Chennai Campus, Paiyanoor organized a one-day International Webinar on 17/11/2023. The event was organized as a part of organizing a session on Problem Solving and Ideation Workshop under Quarter-I, IIC 6.0 activities. During the virtual presence, eminent processors, research scholars, entrepreneurs, and industrialists from various countries like Kenya have embellished the occasion.

Dr.A.Nagappan, Registrar, Vinayaka Mission's Research Foundation, Deemed to be University, Salem, delivered a perspective presidential address and quoted the importance of awareness of innovation skills among the students.





Dr T. H. Nazeema, Director, School of Arts and Science, gave an insightful keynote address at the noble gathering. She insisted that students have to use their problem-solving and innovative skills to become successful innovators in their respective fields.

Dr. Daniele Scrimieri, Assistant Professor, Faculty of Engineering & Digital Technologies, University of Bradford, UK, delivered a stunning virtual presentation on “Automated Synthesis of Manufacturing Process Plan”. During his session, *he highlighted the role of Artificial Intelligence (AI) and Finite Automata (FA) in various applications, sighted the importance of Machine Learning techniques, and gave inputs towards innovation and problem-solving ideas.*

Simulation of Manufacturing Process Chains: Mesh Indexing

Source mesh with FE data Destination mesh Destination mesh with mapped FE data Spatial Index

- Spatial indexing techniques to transfer quickly simulation results across different models
- Open source software – FEDES Finite Element Data Exchange System
<https://github.com/dscrimieri/FEDES>
- Used by the Manufacturing Technology Centre for additive manufacturing in aerospace

Future research

- Error analysis, improved algorithms, integration with other FE software

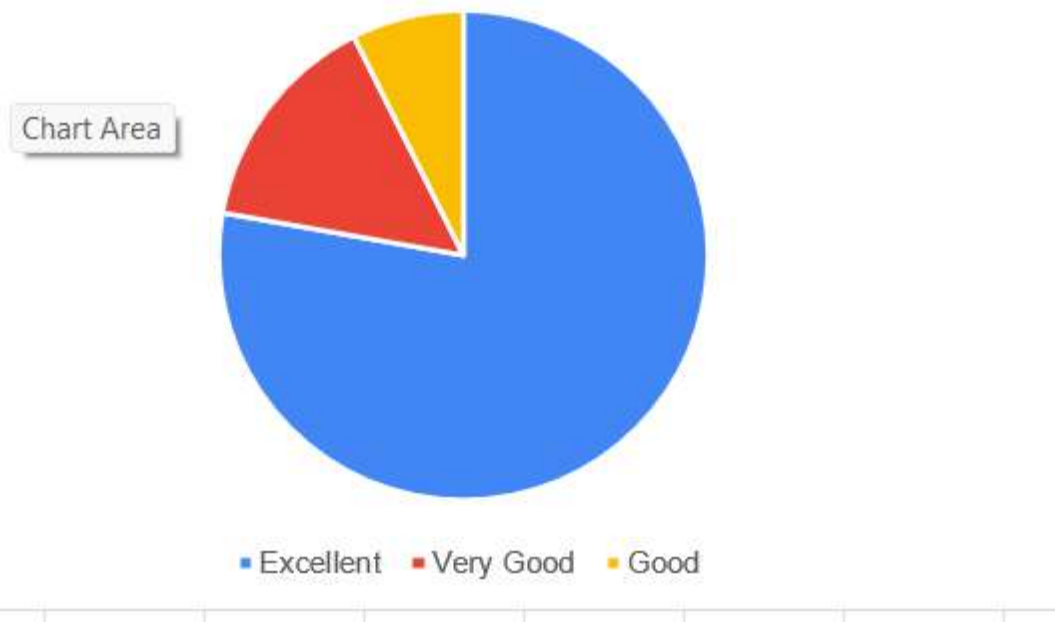
In the opening session, **Dr.B.Srinivasan, President**, EDC-IIC, SAS welcomed the virtual gathering, and in the closing minutes **Dr. R. Jayaprakash, Convener**, EDC-IIC<SAS, proposed the vote of thanks.

OUTCOME OF THE EVENT:

- 1. **Problem Ideation:** All participants got the knowledge of how to form an ideation for any sort of given problem
- 2. **Awareness on AI:** Got an idea about the applications of Artificial Intelligence in various fields.
- 3. **Knowledge in Innovative Ideas:** Got a deeper knowledge of innovative ideas

FEEDBACK:

Feedback of Participants



FEEDBACK FORM SCREENSHOT

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	F	G	H	I	J	K
	Institution Name (with Address)	State	Country	Presentation Delivered by	How useful the session is	Arrangements of webinar
1						
2	Sri Sarada college for women Tirunelveli	Tamil Nadu	India	Very Good	Extremely Helpful	Excellent
3	Ayya Nadar Janaki Ammal College	Tamil Nadu	India	Excellent	Very much Helpful	Excellent
4	Ayya nadar janaki ammal college, sivakasi.	Tamilnadu	India	Excellent	Very much Helpful	Excellent
5	Khadir Mohideen College, Adirampattinam	Tamil Nadu	India	Excellent	Very much Helpful	Excellent
6	Avinashilingam Institute for Home Science and Higher Education for Women	Tamil nadu	India	Excellent	Extremely Helpful	Excellent
7	School of Arts and Science -VMRF	Tamilnadu	India	Excellent	Extremely Helpful	Excellent
8	SRM UNIVERSITY OF SCIENCE AND TECHNOLOGY, TRICHY	Tamilnadu	India	Excellent	Extremely Helpful	Very good
9	HINDUSTHAN COLLEGE OF ARTS AND SCIENCE, COIMBATORE	TAMILNADU	INDIA	Excellent	Extremely Helpful	Excellent
10	Quaid-e-millath Government College for Women (Autonomous), Anna salai, Chennai 600 002	Tamil Nadu	India	Excellent	Extremely Helpful	Excellent
11	School of Arts and Science, Chennai	Tamilnadu	India	Excellent	Very much Helpful	Excellent
12	St John's College Palayamkottai	Tamilnadu	India	Excellent	Extremely Helpful	Excellent
13	School of Arts and Science, VMRF-DU	Tamilnadu	India	Excellent	Very much Helpful	Good
14	School of Arts and sciences, VMRF	Tamilnadu	India	Very Good	Very much Helpful	Excellent
15	AYYA NADAR JANAKI AMMAL COLLEGE, SIVAKASI	Tamil Nadu	India	Very Good	Extremely Helpful	Very good
16	SAS VMRF chennai	Tamil nadu	India	Very Good	Extremely Helpful	Excellent
17	Periyar university ,salem 636011	Tamil nadu	India	Excellent	Extremely Helpful	Excellent
18	SAS VMRF	Tamil nadu	India	Good	Helpful	Good
19	Old no 19/1 new no Pusanagar 2nd Street, Nungambakkam	Tamil Nadu	India	Excellent	Extremely Helpful	Excellent
20	School of arts and science,AV Campus	Tamil Nadu	India	Excellent	Very much Helpful	Very good
21	VELLALAR COLLEGE FOR WOMEN, THINDAL, ERODE DISTRICT, TAMILNADU 638 012	Tamil Nadu	India	Excellent	Extremely Helpful	Excellent
22	Avinashilingam institute for home science and higher education for women	Tamil Nadu	India	Excellent	Very much Helpful	Very good
23	HINDUSTHAN COLLEGE OF ARTS AND SCIENCE, COIMBATORE	TAMIL NADU	INDIA	Excellent	Very much Helpful	Very good
24	Sri Sarada College for women Autonomous Tirunelveli	Tamilnadu	India	Excellent	Extremely Helpful	Very good
25	Ayya Nadar Janaki Ammal College (Autonomous), Sivakasi	Tamil Nadu	India	Excellent	Extremely Helpful	Excellent

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	F	G	H	I	J	K	L
	Institution Name (with Address)	State	Country	Presentation Delivered by	How useful the session is	Arrangements of webinar	Like
110	Hindustani College of Arts and Science	Tamilnadu	India	Excellent	Extremely Helpful	Excellent	Yes
111	S. T. E. T. Women's College (Autonomous)	Tamilnadu	India	Excellent	Extremely Helpful	Excellent	Yes
112	Kongunadu Arts and Science College (Autonomous), G. N. Mill post, Coimbatore- 29	Tamilnadu	India	Excellent	Extremely Helpful	Excellent	Yes
113	Nehru memorial college (Autonomous) Puthanampatti	Tamilnadu	India	Excellent	Very much Helpful	Very good	Yes
114	Vivekanandha College of arts and Sciences for Women Autonomous Tiruchengode -637205	Tamilnadu	India	Excellent	Extremely Helpful	Very good	Yes
115	Annai velankanni arts and science College Thanjavur	Tamil Nadu	India	Excellent	Extremely Helpful	Excellent	Yes
116	Kongunadu Arts and Science College	Tamil Nadu	India	Very Good	Very much Helpful	Very good	Yes
117	Ayya Nadar Janaki Ammal College, Sivakasi	Tamil Nad	India	Good	Very much Helpful	Very good	Yes
118	Invertis University Bareilly, Bareilly Lucknow Highway Bareilly.	Uttar Pradesh	India	Very Good	Helpful	Very good	Yes
119	Bareilly College, Bareilly	Uttar Pradesh	India	Excellent	Extremely Helpful	Excellent	Yes
120	Bharath college of science and management , Thanjavur - 613001	Tamil nadu	India	Very Good	Very much Helpful	Very good	Yes
121	Invertis University Bareilly	Uttar Pradesh	India	Excellent	Extremely Helpful	Very good	Yes
122	Khadir Mohideen College Adirampattinam	Tamil Nadu	India	Very Good	Helpful	Very good	Yes
123	Bon Secours College for Women, Vilar Bypass, Thanjavur-613006	Tamilnadu	India	Excellent	Extremely Helpful	Excellent	Yes
124	School of Arts and Science	Tamil Nadu	India	Excellent	Extremely Helpful	Excellent	Yes
125	Khadir Mohideen College, Adirampattinam	Tamil Nadu	INDIA	Excellent	Extremely Helpful	Excellent	Yes
126	SAS (VMRF) CHENNAI	TAMILNADU	INDIA	Excellent	Extremely Helpful	Very good	Yes
127	Saraswathi Narayanan College (Autonomous)	Tamilnadu	India	Excellent	Extremely Helpful	Excellent	Yes
128	Khadir Mohideen College	Tamil Nadu	India	Excellent	Extremely Helpful	Excellent	Yes
129	Periyar Maniammai Institute of Science and Technology	Tamil Nadu	India	Excellent	Extremely Helpful	Excellent	Yes
130	Sri Sarada College for Women, Tirunelveli	Tamilnadu	India	Good	Helpful	Good	Yes
131	Sri Sarada College for women (Autonomous) Tirunelveli	Tamilnadu	India	Very Good	Very much Helpful	Good	Yes
132	Sri sarada college for women (Autonomous) Tirunelveli	Tamil nadu	India	Very Good	Very much Helpful	Good	Yes
133	Sri Sarada college for womens Tirunelvel	Tamil nadu	India	Good	Very much Helpful	Excellent	Yes