



K.R. MANGALAM UNIVERSITY
THE COMPLETE WORLD OF EDUCATION



**Sustainable
Development
Goals
Annual Report
2024-25**





K.R. MANGALAM UNIVERSITY
THE COMPLETE WORLD OF EDUCATION

Nurturing Eco-Conscious Behavior: Taking a Step Towards Environment Sustainability

Centre of Excellence for Sustainable Development Goals



Eco-Friendly Campus

01

26.4 Acres Lush Green Campus with more than 3000 Trees and plants



02

Solar Panel with Total Capacity: 41850 units/Month



03

70+ CNG Buses



04

In-House Nursery



05

Water Conservation: 17 Rainwater Harvesting Pits



06

100% Plastic Free Campus



07

1 Lakh Ltr Capacity of STP for plant irrigation



08

Carbon Footprint of KRMU 1.66 which is much lower than India & Global Average

Objective



To inculcate a sense of responsibility and a moral duty among students, individuals and communities to foster the behaviour for preservation and conservation of environment.

Eco-Friendly Behaviour

- Eco-Friendly Behaviour
- Centralized 60 CNG Buses & Carpooling
- Solar Energy & Energy Conservation
- Power-Efficient Equipment
- Digital Media for Paper Reduction
- Sustainability Center for Excellence
- In-House Nursery & Green House
- Organic Orchard: Paper Recycling Plant
- Zero Plastic Policy
- Environmental Sustainability Awareness 40+
- Tree Plantation
- QR Coding of Plants and Trees



Facilities for Alternate Sources of Energy and Energy Conservation Measures



Solar Panel

- 984 Solar Panels
- 310 KW Capacity
- 41850 units/month
- Wheeling to the Grid

Bio-Gas Plant



- 2 KLD Capacity



LED Lights

- 17384 KWH annual power requirement for lighting met.
- 2111 LEDs Installed in KRMU Campus

Sensor Based Energy



- All Washrooms
- All Entry gates have Sensor Based operation

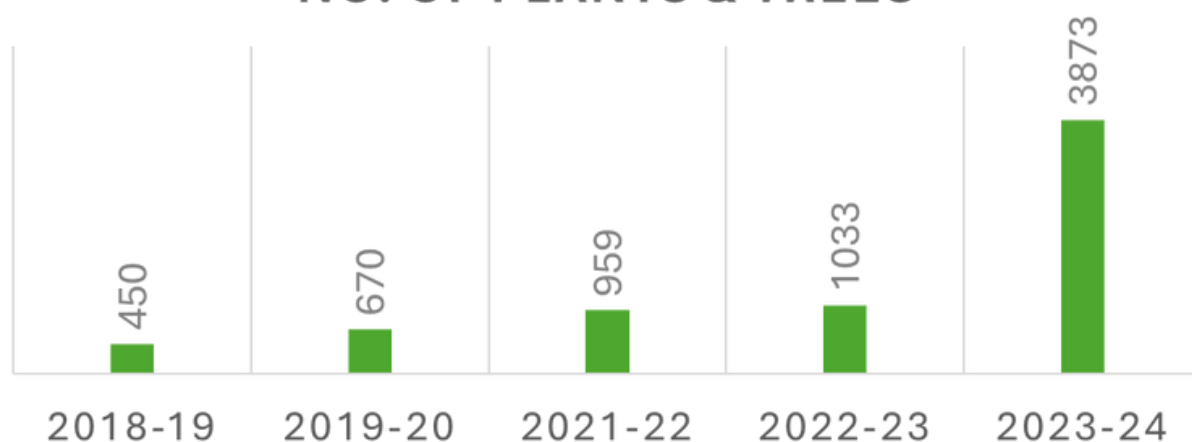


Sustainable Practices

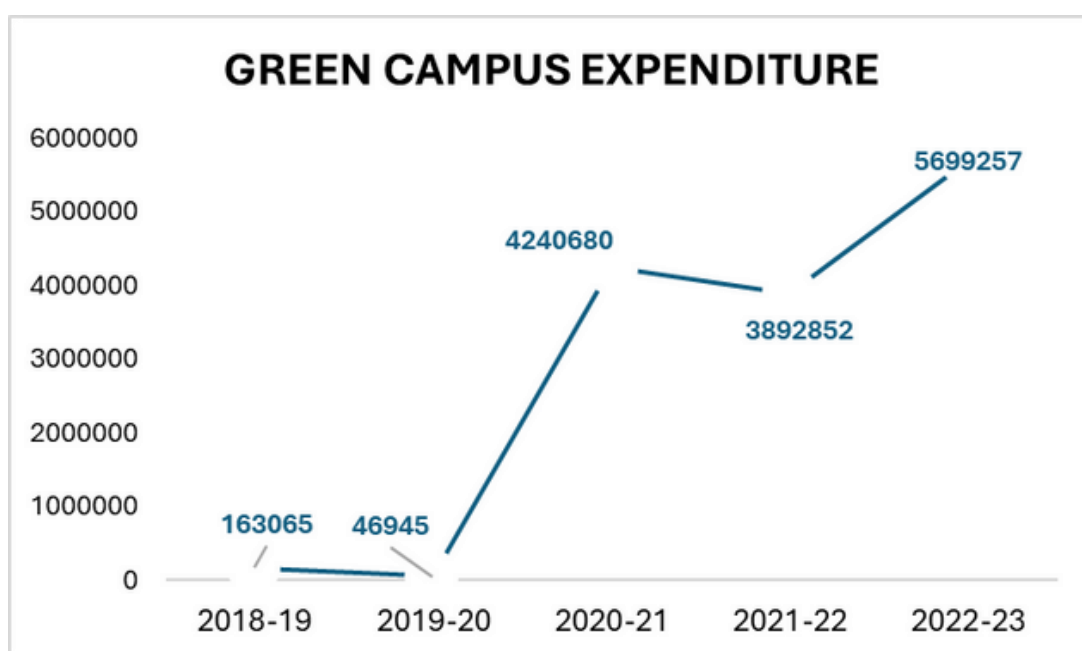


TREE PLANTATION

NO. OF PLANTS & TREES



GREEN CAMPUS EXPENDITURE



Carbon

Footprinting Calculation

2023-24



FUEL ENGINE CATEGORY & TYPES	Commutating Size	Price PER DAY BASIS	ANNUAL BASIS (260 Days a year)
Private Buses, Cab, Private vehicles: DIESEL ENGINE	4,5 max 20 at a time	800 RS/DAY INC.RETURN	208000 RS.
Autos, Private Vehicles: PETROL ENGINE	4,5 max 20 at a time	600 RS/DAY INC.RETURN	156000 RS.
Public Transport CNG BUSES	20	100 RS/DAY INC.RETURN	26000 RS.
SELF University Transport CNG BUSES	40	73 RS/DAY INC.RETURN	18980 RS.

S.N o.	Source	Diesel Generator Consumption	Total Co2 Emission Annual
1	DG Set	275 Litre.	742.5
	in tonnes Total Annual		0.505

FUEL ENGINE CATEGORY	TOTAL KM COVERED IN SINGLE MONTH	PER 100 KM FUEL CONSUMPTION	For Single Bus	BUS COUNT	Annual CO2 Emissions
DIESEL ENGINE	5000	11 LITRES	37 ton Annually	43	1362
CNG BUS	5000	10 KG	32 ton annually	43	1232

Saving earned by using CNG bus annually	Reduction of 130 tons of CO2 Emissions Annually
Saving earned by using CNG bus 4 year	Reduction of 600 tons of CO2 Emissions Annually

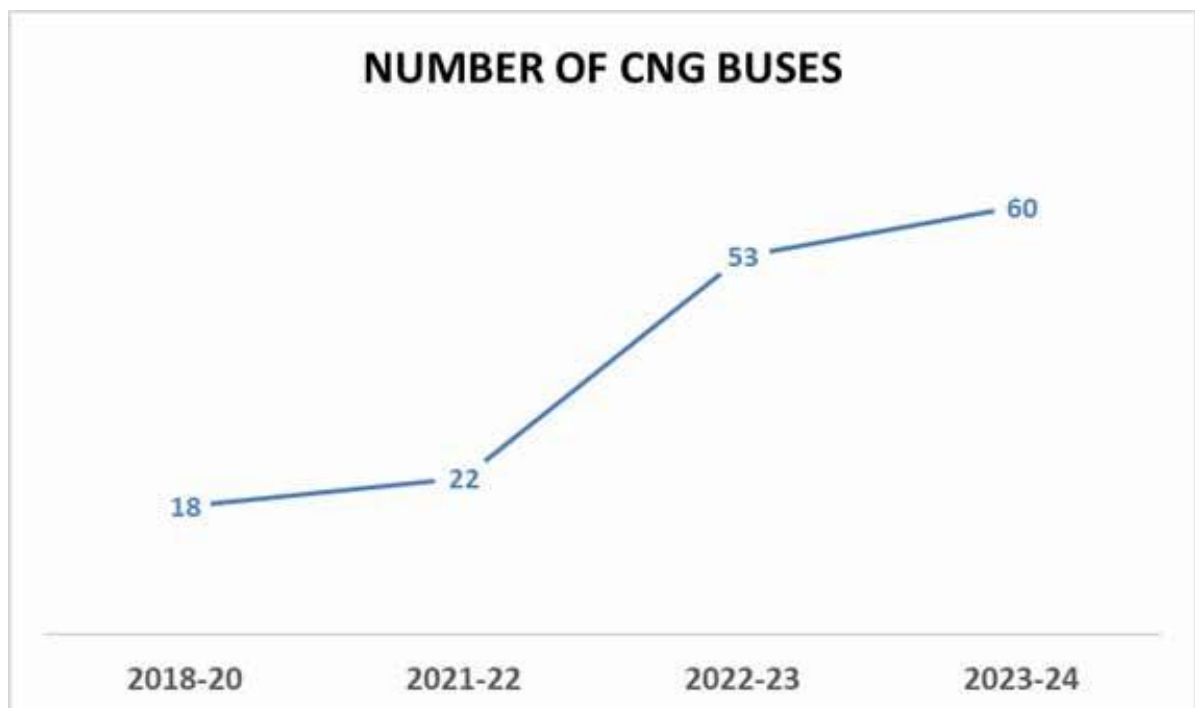
Sustainable Practices



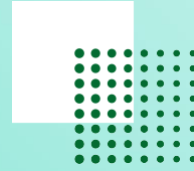
CARBON FOOTPRINT CALCULATION (2023-24)

Country	Carbon Footprint per Person (Tonnes CO ₂ e)
India	1.8-2.0
KRMU	1.66
Global Average	4

CNG BUSES



Sustainable Practices by SOAS



Zero Use of Chemical Fertilizers and Pesticides in Field Crops and Horticulture Farming



✓ Organic Farming

Poly House and Shade Net



✓ Mushroom Cultivation

Poly House and Shade Net



Sustainable Practices by

SMAS

- Open Elective Course on Chemical Hazards of 03 credits with 45 hrs engagement is offered pan university
- Orientation sessions conducted for students & staff regarding handling of chemicals
- Chemical waste management to maintain Environmental Sustainability



SOED



- SOED collaborated with Save Aravali Trust to inculcate the values among students to conserve the environment.
- Students of SOED have completed the field project:
 1. Protection and Conservation of Species in Aravali Range, Faridabad
 2. Wastewater Management

Sustainable Practices by

SOAD

SOAD has introduced green walls on the 1st, 2nd, and 3rd floors of the C Block lobby. These lush installations not only regulate indoor temperatures and enhance the microclimate but also bring a breath of fresh greenery into our built environment.



SOED



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 2. Wastewater Management

Sustainable Practices by

SBAS

- Events conducted by SBAS on environmental sustainability = 09
- Projects conducted by graduated students on Environmental Sustainability = 05
- Conference on Advanced Materials for Green Chemistry and Sustainable Environment, February 15-16, 2024
- Research Articles on Sustainability = 30
- Offering Minors in Environmental Studies (2023 Onwards)



SOMC

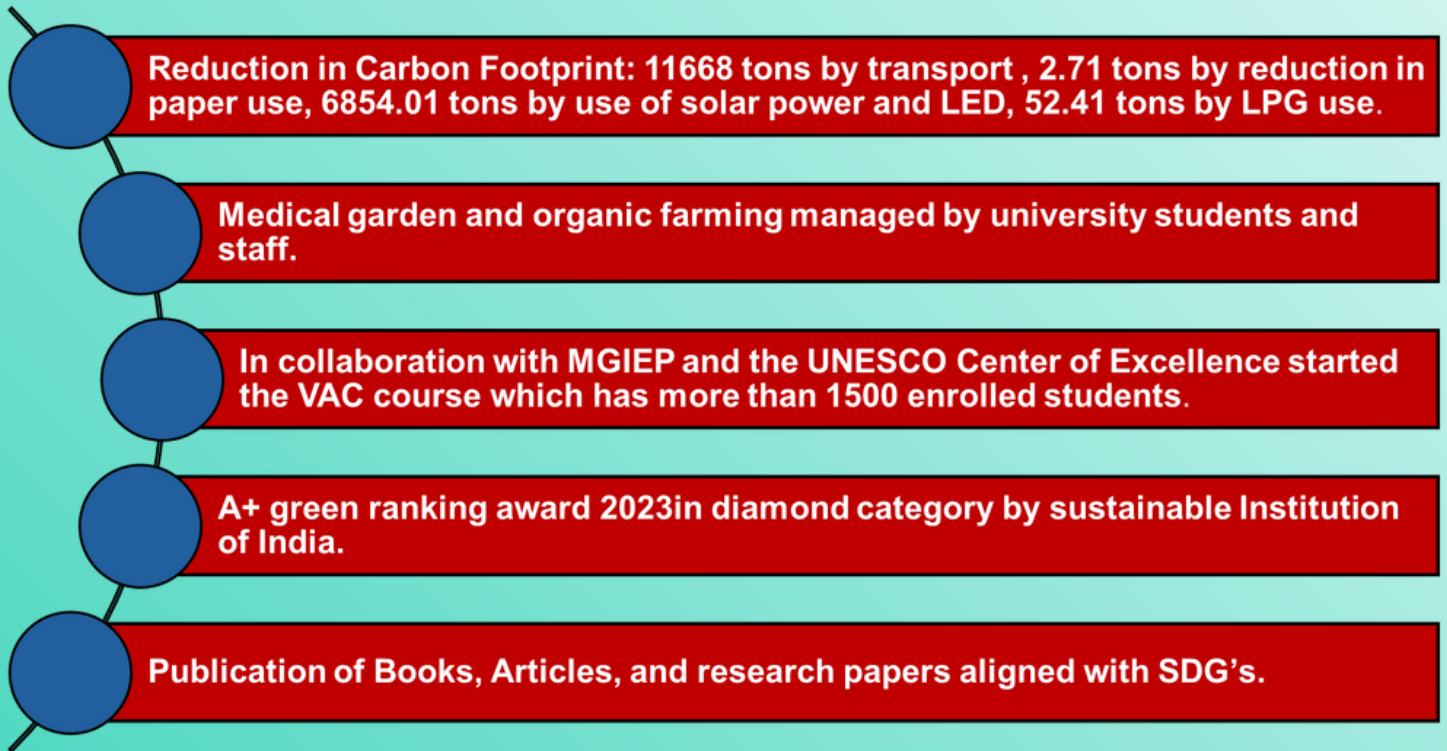
Best Out of Waste Making: The assignment was given to explain green marketing and packaging in course Marketing Management. SOMC plan to take this initiative further with support of Indian Institute of Packaging



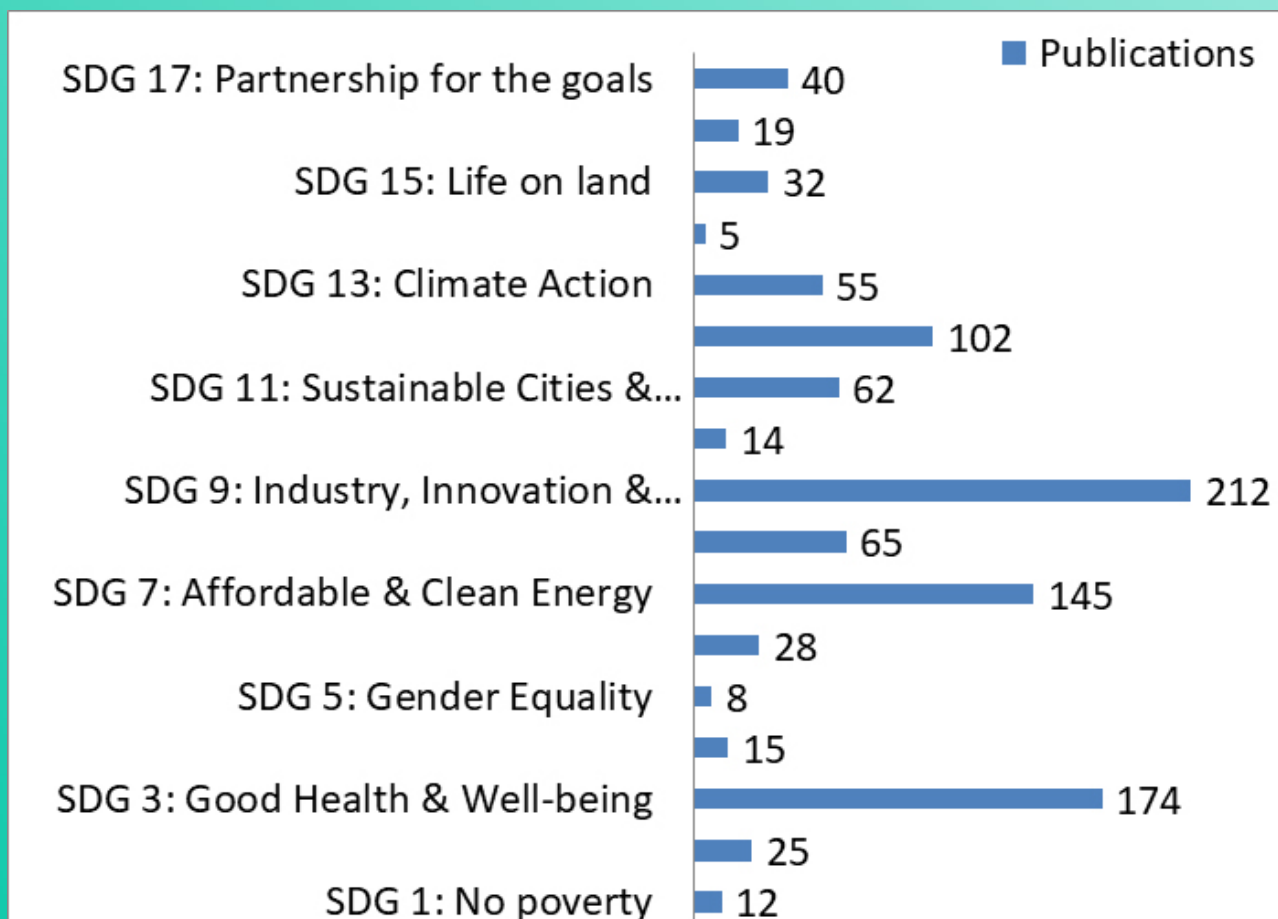
Glimpses of Activities



Outcome & Impact



KRMU Publications on SDG as per SCOPUS database (2014 to May 2025)



Outcome & Impact

Outcome

K.R. Mangalam University has published 17 Books on various Sustainable Development Goals



Awards & Recognition for Sustainable Practice



Sustainable Green Ranking- Diamond and Gold in 2023 and 2024

Conferences Focused on Environment Sustainability

S.NO	School Name	Name of the event	Date of the Event (DD-MM-YYYY)
1	SOET	National Conference Innovation, Entrepreneurship and Sustainable Solution (IESS 2025)	24-03-2025-25-03-2025
2	SOMC	One Day International Conference Innovative Technologies for Sustainable Business Transformation (ITSBT-2025)	12-Apr-25
3	SJMC	3-Day International Conference On Connect 360 Sustainability and Innovation Incorporating Indian Knowledge System	15-04-2025 to 17-04-2025
4	SOAD	2-day International Multidisciplinary Conference on DESIGN 2030 - Developing Efficient and Sustainable Innovations for Global Needs	March 21st – 22nd, 2025
5	SPRS	KRMU PHYSIOCON 2.0, 2025 THEME- TOWARDS HEALTHCARE: INTEGRATING INDIAN KNOWLEDGE SYSTEM	27-03-2025, 29-03-2025
6	SBAS	2nd International Conference on Advanced Materials for Green Chemistry and Sustainable Environment under the ageis IQAC	20-21 March 2025
7	SOHS	International Conference on "Envisioning the Future India: Opportunities and Challenges Ahead for Viksit Bharat 2047"(To be aligned with SDG and Viksit Bharat Centre)	25-26 April 2025
8	SOED	Educational Reforms and Advancements in collaboration with Council for teachers' professional development (CTPD) India	28-29 September 2024

National Conference On Innovation, Entrepreneurship and Sustainable Solution (IESS 2025)

(24th March- 25th March, 2025)

The banner features logos for K.R. Mangalam University, Viksit Bharat, and IQAC. It is organized by the School of Engineering and Technology. The main title is 'NATIONAL CONFERENCE ON INNOVATION, ENTREPRENEURSHIP AND SUSTAINABLE SOLUTIONS IESS 2025'. The dates are 24th - 25th March, 2025, starting at 10:00 AM onwards, at the Multipurpose Hall, KRMU. The Program Chair is Prof. Pankaj Agarwal, Dean, SOET. The Convener is Dr. Shweta Bansal, Associate Professor, SOET, and Dr. Anshu, Associate Professor, SOET. The Co-Convenor is Dr. Tanu Gupta, Assistant Professor, SOET. The banner also includes icons for various fields like AI, IoT, and sustainability, and contact information for the University Gurugram Campus.

K.R. MANGALAM UNIVERSITY
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विकसित भारत
अभियान
2024-25

IQAC
INDIAN QUALITY ASSOCIATION

SCHOOL OF ENGINEERING AND TECHNOLOGY
Organized by

**NATIONAL
CONFERENCE ON
IESS 2025**

**INNOVATION, ENTREPRENEURSHIP
AND SUSTAINABLE SOLUTIONS**

24th - 25th March, 2025 | 10:00 AM onwards | Multipurpose Hall, KRMU

Program Chair
Prof. Pankaj Agarwal, Dean, SOET

Convener
Dr. Shweta Bansal, Associate Professor, SOET
Dr. Anshu, Associate Professor, SOET

Co-Convenor
Dr. Tanu Gupta, Assistant Professor, SOET

University Gurugram Campus: ☎ 011-48884888 / 8800697010-15 📞 8800697012 🌐 www.krmangalam.edu.in ✉ welcome@krmangalam.edu.in

Objectives:

The primary objective of IESS2025 was to foster interdisciplinary collaboration and knowledge exchange on emerging trends in innovation, entrepreneurship, and sustainability.

The conference aimed at:

- Encourage discussions on advancements in technology and sustainable business practices.
- Provide insights into entrepreneurial strategies for economic development.
- Bridge the gap between academia and industry through collaborative engagements.
- Promote research and development in sustainable solutions for contemporary challenges.





Chief Patron

Prof (Dr.) Dinesh Singh
Chancellor
K R Mangalam University, India

Patron

Prof. Raghuvir Singh
Vice-Chancellor,
K R Mangalam University India

Program Chair

Dr. Pankaj Agarwal
K R Mangalam University India

Conference Convenor:

Dr. Shweta Bansal
K R Mangalam University India

Dr. Anshu
K R Mangalam University India

Dr. Tanu Gupta
K R Mangalam University India
India (Co-Convenor)

Organizing Committee:

Prof. (Dr.) Aman Jatain
Dr. Meenu Vijaraina
Dr. Swati Gupta
Dr. Puja Acharya
Dr. Divijay
Dr. Kaushal Kumar
Dr. Surabhi Shankar
Dr. Monika Khatkar
Dr. Amar Saraswat
Dr. Yogita Yashveer Raghav
Dr. Rupesh Kumar Tipu
Dr. Vandana Batra
Dr. Preeti Rathi
Ms. Suman
Ms. Ruchika Bhakhar
Ms. Archana Goyal
Mr. Harsh Vardhan
Mr. Rahul Kumar Singh

Registration Details

Categories	Participants	KRMU Affiliations
Paper Presentation by Students/Research Scholars/Faculties	1000	800
Industry Professional	2000	2000

Publication & Indexing:
Selected papers will be published in peer-reviewed journal.

Guidelines for Paper Submission
Submit full-length paper in IEEE format

Important Dates:

Conference Date: 24.03.2025 - 25.03.2025
Full Paper Submission deadline: 26.02.2025
Notification of Acceptance: 18.02.2025
Camera Ready Paper: 16.03.2025
Registration Deadline: 20.03.2025

Contact Information:

Dr. Shweta Bansal: +91-9354709157

Dr. Anshu: +91-8130780225

Dr. Tanu Gupta: +91-9971199251

For any query, please email at: KRIESS2025@gmail.com



K.R. MANGALAM UNIVERSITY
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NATIONAL CONFERENCE ON

INNOVATION, ENTREPRENEURSHIP
AND SUSTAINABLE SOLUTIONS

IESS 2025 24-25 MARCH, 2025
(HYBRID MODE)

About the Conference:

IESS 2025 serves as a vibrant innovation platform that brings together researchers, innovators, startups, investors, corporations, policymakers, public institutions, academia, financial institutions, and organizations within the startup ecosystem to facilitate discussions, share experiences, and showcase contemporary innovations, practices, and technologies in the fields of entrepreneurship, innovation, and leadership. The conference seeks to foster impactful innovation through knowledge sharing and multidisciplinary collaboration, addressing real-world challenges and paving the way for future-ready solutions. Participants will engage with groundbreaking research, explore cutting-edge applications, and contribute to the advancement of a connected, efficient, and technologically empowered world.

About the University:

K.R. Mangalam University is the fastest-growing higher education institute in Gurugram, India. Since its inception in 2013, the University has been striving to fulfil its prime objective of transforming young lives through ground-breaking pedagogy, global collaborations, and world-class infrastructure. The next-generation institution offers a myriad of Undergraduate, Postgraduate and Doctoral Degree Programs across multiple disciplines, under the mentorship of highly qualified faculty.

KRMU proactively organizes seminars, industrial visits, experts' lectures, internships, symposiums, campaigns and many more activities, providing students with a 360-degree exposure to various trends, helping them build diverse viewpoints. Along with advanced learning, the university gives paramount importance to co-curricular activities such as vibrant festival celebrations, social responsibility activities, tech training, research and many more activities. Recognized for its virtues of quality, equality, inclusiveness, sustainability, and professional ethics, KRMU is synonymous to academic excellence and innovation. K.R. Mangalam University has marked its presence in Delhi NCR as a value-based university, successfully imparting quality education in all domains. Our alumni are working across all sectors of technology, from MNCs to PSUs.

About the School of Engineering and Technology:

The School of Engineering and Technology at K. R. Mangalam University started in 2013 to create a niche of imparting quality education, innovation, entrepreneurship, skill development and creativity. It has excellent infrastructure, state of the art Labs, and a team of qualified and research-oriented faculty members.

The school is offering undergraduate programs (B.Tech, BCA, B.Sc), postgraduate programs (M.Tech, MCA) and Ph.D (all disciplines). We are offering B.Tech programs in recent areas of specializations like AI & ML, Automotive Designs & Electrical

Vehicle, Sustainable Development & Smart Cities, Full stack development, UI/UX development, Cloud Computing etc.

Our curriculum being one of our highlights has been designed in line with the requirements of new National Education Policy 2020, Pedagogy of Employment, Sustainable Development Goals, IR 4.0 etc. The curriculum focuses on problem-solving, design, development, and application of various emerging technologies with focus on innovative teaching learning methodologies. It is our endeavor to constantly evolve curriculum support, so our students stay abreast with the latest updates in this technologically developed world.

SOET aims at transforming the students into competitive engineers with adequate analytical skills, making them more acceptable to potential employers in the country. There is a great focus on experiential & project-based learning with Industry collaborations. Our B.Tech programs are in collaborations with Industries like IBM, Siemens, Samatrix, Xebia, ImaginXP etc. Out student's get an opportunity to learn directly by professionals from industry.

Objective of the Conference:

- Partner with global industry sectors, professional bodies, and clusters to discuss entrepreneurial success stories, leadership insights, and family business achievements.
- Develop strategies to enhance workforce skills and capabilities through education and training programs, preparing individuals for evolving job market demands.
- Promote entrepreneurship and strengthen indigenous innovation to develop domestic alternatives to imports.
- Formulate recommendations for policies and regulatory frameworks that promote the responsible adoption of emerging technologies, addressing ethical, legal, and social considerations while fostering national self-reliance.
- Facilitate collaboration between government bodies, academia, and industry to establish joint initiatives, research projects, and innovation hubs focused on leveraging emerging technologies for sustainable development and self-reliance.
- Explore how emerging technologies can address environmental challenges, contributing to sustainable development through clean energy solutions, waste management, and eco-friendly practices.
- Identify strategic approaches for adopting emerging technologies in manufacturing, agriculture, healthcare, governance, and other key sectors.
- Provide a platform for researchers, innovators, and industry experts to discuss and showcase advancements in cutting-edge technologies such as artificial intelligence, blockchain, robotics, drones, 3D printing, bioinformatics, and quantum computing.

- Cultivate a culture of innovation and entrepreneurship by highlighting success stories, groundbreaking ideas, and case studies of individuals and organizations leveraging emerging technologies to achieve self-reliance across sectors.



PARTICIPANTS CAN WIN SESSION WISE BEST PAPER AWARD*

Topics:

The focus of the conference will be on all the areas for innovative solution. Contributory papers are invited on, but not restricted to, the following broad categories:

- AI/ML, Data Science and Big Data Analytics
- Human-Computer Interaction and User Experience (UX)
- Smart solutions for Sustainable Development
- Blockchain, Cyber Security and Distributed Ledger Technologies
- Internet of Things (IoT) and Edge Computing
- New Business Opportunities, Startup Ecosystem and Entrepreneurship Development

Submission Form Link:

<https://forms.gle/PKc5Ss1AXTeJD3R9A>

Keynote Speakers

1. Prof (Dr.) B. Chandra
Adjunct Professor
Indian Institute of Technology
Delhi





One Day International Conference
on
Innovative Technologies for Sustainable Business Transformation
(ITSBT-2025)

April 12, 2025

Venue: Double Tree by Hilton, Gurugram

Mode: Hybrid

The School of Management and Commerce (SOMC) at K.R. Mangalam University extends its heartfelt gratitude to all the distinguished guests, eminent keynote speakers, session

Title and Objective of the Conference

Title: International Conference on Innovative Technologies for Sustainable Business Transformation (ITSBT-2025)

Objective: To foster a dynamic academic platform for researchers, academicians, industry professionals, and policymakers to engage in discussions on sustainable business practices enabled by technological innovations. The goal was to encourage interdisciplinary collaboration, present research, and inspire ideas that shape resilient, sustainable economic ecosystems.



Pic 1: Prof. (Dr.) Indira Bhardwaj, Dean SOMC and Conference Head, delivering the opening remarks and setting the tone for ITSBT-2025



Pic 2- Inaugural Function



Pic3 - Group Picture



Pic 5: A thought-provoking session by Prof. Arvind Sahay- Director MDI.



Pic 4: A thought-provoking session by Guest of honor Mr. Amit Sinha- Former COO-Paytm

3-Day International Conference On Connect 360 Sustainability and Innovation Incorporating Indian Knowledge System



(April 15–17, 2025)

Title and Objective of the Conference

Title of the Conference: Connect 360: Sustainability and Innovation Incorporating Indian Knowledge System .

1. To elaborate on the discourse around the crucial role of communication and design research in interpreting, preserving, and promoting the principles of Indian Knowledge Systems (IKS) through innovative and engaging storytelling, design thinking, and immersive experiences.
2. To explore the relevance of Indian Knowledge Systems in addressing sustainability challenges in contemporary contexts.
3. To engage design thinking and communication strategies to amplify the global relevance of Indian Knowledge Systems.
4. To foster interdisciplinary collaboration that bridges ancient wisdom with modern sustainable, innovative, and scientific advances through design-driven research, co-creation, and knowledge exchange.
5. To develop actionable recommendations on how to better represent and promote Indian Knowledge Systems through innovative storytelling, design-led approaches, and ethical considerations.



K.R. MANGALAM UNIVERSITY
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विकसित भारत
अभियान
1947 TO 2047

SCHOOL OF JOURNALISM AND MASS COMMUNICATION

In Collaboration With



DEPARTMENT OF DESIGN AND INNOVATION (DDI)

Jamia Millia Islamia, New Delhi

presents

3-Day International Conference

CONNECT 360

**SUSTAINABILITY AND INNOVATION
INCORPORATING INDIAN KNOWLEDGE SYSTEM**

Conference Dates: 15, 16, 17 April 2025 (Tuesday, Wednesday, Thursday)

Time: 10.00 AM to 4.00 PM

Venue: KR Mangalam University, Gurugram & Jamia Millia Islamia, New Delhi

Mode: Hybrid (Online participation option for outstation participants)

Email ID: sjmcconference@krmangalam.edu.in

Phone No.: (+91) 7827785569 | 9654544567

WhatsApp: <https://chat.whatsapp.com/EnSEABet9d4HJaQJRQkPBN>

Registration Scanner



<https://forms.office.com/r/800syM7ypz>

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K.R. MANGALAM UNIVERSITY INNOVATION CENTER



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Study abroad consultants



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Internal Quality Assurance Cell





(Connect 360- 3 days International Conference lamp-lighting ceremony at Multipurpose Hall, KRMU)



Prof. William L. Gannon, University of New Mexico delivered an insightful address emphasizing the critical need for cross-border academic collaborations. He pointed out that in today's increasingly interconnected world, challenges such as sustainability cannot be effectively tackled in isolation. Prof. Gannon argued that knowledge frameworks must transcend geographical, cultural, and political boundaries to foster a truly global exchange of ideas and innovations. He highlighted that the collective sharing of research, resources, and expertise among nations is essential for developing comprehensive solutions to the complex issues confronting humanity. By promoting collaborative knowledge networks, he suggested, the global academic community can make significant strides toward achieving sustainable development goals.



(Prof. (Dr.) K G Suresh, Former VC, MCU, Bhopal; Former DG, IIMC, New Delhi addressing the session)

Prof. (Dr.) Ambrish Saxena, Professor at SAU and Secretary of GMEC, delivered a thought-provoking session on the pivotal role of media education in fostering critical thinking. He emphasized the importance of equipping students with the tools to analyze, evaluate, and interpret media content in today's information-driven world. Prof. Saxena discussed how media education can cultivate a deeper understanding of societal issues and encourage students to approach information critically. By focusing on critical thought, he highlighted that media education plays a central role in empowering individuals to engage meaningfully with the world around them.



(Prof. (Dr.) Ambrish Saxena speaks at the CONNECT 360 conference at K.R. Mangalam University.)



Prof. (Dr.) Anubhuti Yadav, Professor and Head of the Department at IIMC, Delhi, focused her address on the ethics of digital innovation. Dr. Yadav underscored the significance of ethical considerations in the rapidly evolving field of digital technology. She stressed that as digital platforms grow, ethical issues such as data privacy, misinformation, and algorithmic biases must be prioritized. Dr. Yadav called for a balanced approach, where innovation is aligned with ethical standards to ensure that technology benefits society responsibly and equitably.



The Book of Abstracts captured the diversity of ideas and research efforts contributed by participants from various disciplines, offering a snapshot of contemporary scholarly engagement with critical global issues.



(Ms.Archika Arya, Research Scholar, KRMU, Receiving best paper award)



(Photo-6: Participant awarded Best Paper at CONNECT 360 for "Discerning Indian Knowledge System Through Visual Storytelling: Analysing Lootera as a Cross-cultural Adaptation of The Last Leaf.")

2-day International Multidisciplinary Conference on DESIGN 2030 - Developing Efficient and Sustainable Innovations for Global Needs

(March 21st – 22nd, 2025)

In collaboration with



3. TITLE AND OBJECTIVE OF THE CONFERENCE

Title: DESIGN 2030 - Developing Efficient and Sustainable Innovations for Global Needs

Aim:

To foster a global platform for interdisciplinary collaboration and knowledge exchange to advance efficient and sustainable innovations that address pressing global needs, aligning with the vision of a sustainable future by 2030.

Objectives:

- **Promote Sustainable Design Practices:**

Explore and highlight innovative practices in sustainable architecture, urban design, and renewable energy technologies to drive global efforts toward ecological balance and resource efficiency.

- **Advance Climate Resilience and Disaster Management:**

Facilitate the sharing of insights, technologies, and strategies for building climate-resilient urban environments and effective disaster management solutions to mitigate the impacts of climate change.

- **Encourage Integration of Policy and Governance:**

Discuss the role of policy frameworks, governance models, and public-private partnerships in fostering sustainable urban development and implementing smart city initiatives.

- **Enhance Education and Capacity Building:**

Support the development of educational programs and research initiatives that equip professionals, educators, and students with the tools and knowledge to address sustainability challenges effectively.

- **Explore Contemporary Art and Design Practices:**

Investigate the impact of emerging technologies, digital art, and craftsmanship on contemporary design and their potential to inspire sustainability in creative fields.

KRMU PHYSIOCON 2.0, 2025

THEME- TOWARDS HEALTHCARE: INTEGRATING INDIAN KNOWLEDGE SYSTEM

27th-29th March, 2025

DAY-1

PRE-CONFERENCE WORKSHOPS

27th March, 2025

The Significance of Workshops in Personal and Professional Development

Workshops play a vital role in fostering both personal and professional growth. They offer dynamic learning environments that encourage active participation and meaningful engagement. Here are some key reasons why workshops are so important:

1. Skill Development

Workshops provide practical, hands-on experiences that allow participants to learn and apply new skills in real-time. This experiential approach is often more effective than traditional learning methods, as it reinforces understanding through direct application.

2. Opportunities for Networking

By bringing together individuals with shared interests or professional goals, workshops create valuable networking opportunities. Participants can exchange ideas, collaborate on projects, and establish connections that may support their career advancement.

3. Knowledge Sharing from Experts

Workshops are typically led by experienced professionals who share their expertise and real-world insights. This direct interaction allows participants to gain practical knowledge and advice that may not be readily available through conventional learning platforms.

4. Immediate and Constructive Feedback

One of the key benefits of workshops is the opportunity to receive instant feedback from instructors and peers. This enables participants to identify and correct mistakes quickly, leading to faster improvement and a deeper understanding of the subject matter.



FLYER FOR THE WORKSHOP

Hands on workshop on Virtual Reality- Based Rehabilitation – Conducted by Dr. Harpreet Singh, Dr. Zubina Khan (PT), and Dr. Aarohan Niranjana (PT). Dr. Harpreet Singh, Senior Physiotherapist at AIIMS, New Delhi, brings rich experience in neuro physiotherapy and evidence-based rehab. Dr. Zubina Khan, Project Research Scientist at AIIMS, is recognized for her work in virtual reality-based rehabilitation and was recently awarded "Rising Star in Physiotherapy." Dr. Aarohan Niranjana, a stroke rehab specialist, is currently associated with SparshMind Innovations Pvt. Ltd.

FLYER FOR THE WORKSHOP



K.R. MANGALAM UNIVERSITY
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KRMU PHYSIOCON 2.0
Workshop

Time: 9 AM Onwards | Date: 27th March 2025

INTRODUCTION TO PILATES
By RedMatPilates

Benefits of Pilates

- Promotes efficient movement
- Great for Posture
- Promotes deeper mind body connection
- Alleviates pain
- Helps in rehabilitation from injuries
- Everyone can benefit from Pilates

Benefits from the workshop

- Pilates- physiotherapy connection
- Deeper understanding of core muscles and functions
- Functional application to create core stabilisation in patients
- Exercise progression protocol in core strengthening
- Understanding of lumbar pain and clinical application of Pilates in rehabilitation
- Growing Pilates Industry in India & career opportunities for physiotherapist

RESOURCE PERSON

TARU CHADDHA
Founder & Chief Instructor, RedMat Pilates
Expert in Women's Health
TEDx Speaker
Globally certified Pilates Instructor (STOTT School, Canada)

Fees For Workshop
1500/-

Limited seats Available

Scan For Payment

Scan For Registration

Faculty Coordinator
Dr Kangana J Kansal (PT)

University Gurugram Campus: ☎ 011-48884888 / 8800697010-15 📞 8800697012
🌐 www.krmangalam.edu.in 📧 welcome@krmangalam.edu.in

Workshop on Introduction to Pilates by Redmat-Pilates - Conducted by Ms. Taru Chaddha, she is a certified Pilates and Barre instructor and the founder of RedMat Pilates, a premier women-only fitness studio in Gurugram. With over a decade of experience, she specializes in therapeutic movement and has been instrumental in promoting women's health and fitness across various age groups. A TEDx speaker and wellness advocate, she is known for delivering Pilates and Barre training in their most authentic forms, helping individuals achieve strength, balance, and overall well-being.



PIC1 – PRECONFERENCE WORKSHOP ON PILATES



PIC2 – Dr. TARU DISCUSSING PILATES



PIC3- PRECONFERENCE WORKSHOP ON VIRTUAL REALITY



PIC4- STUDENTS AND FACULTY OF SPRS WITH RESOURCE PERSONS

DAY- 2

CULTURALS AND SCIENTIFIC PAPER-POSTER PRESENTATION

28th MARCH, 2025

Day 2 transitioned to academic and artistic domains. Students presented research papers and posters, demonstrating the integration of Ayush practices with modern physiotherapy. A vibrant cultural program, including dance, singing, rangoli, and reel making, highlighted the interconnectedness of physical and artistic well-being, fostering community engagement.

The cultural landscape of Delhi-NCR pulsed with vibrant energy as students from various colleges showcased their artistic prowess in a dazzling display of dance, rangoli, reel making, and solo singing. This inter-collegiate extravaganza provided a platform for budding talents to shine, fostering a spirit of healthy competition and artistic exchange.

Dance: The dance performances were a mesmerizing spectacle of diverse styles and passionate expressions. From the graceful movements of classical forms like Bharatnatyam and Kathak to the energetic beats of Bollywood, hip-hop, and contemporary dance, the participants captivated the audience with their skill and coordination. Group dances often conveyed thematic narratives, while solo performances highlighted individual artistry and technical brilliance.

Rangoli: The rangoli competition transformed designated spaces into breathtaking visual treats. Participants skillfully used colored powders, flower petals, and other materials to create intricate patterns and designs. Themes often ranged from traditional motifs and religious symbols to contemporary social messages and abstract art.

Reel Making: The reel-making segment, a relatively new addition to cultural events, captured the zeitgeist

of the digital age. Students exhibited their creativity and storytelling abilities through short, engaging videos. Themes varied widely, from humorous skits and social awareness messages to artistic montages and promotional content. The participants demonstrated their proficiency in videography, editing, and concise storytelling, utilizing platforms like Instagram Reels to their full potential.

Solo Singing: The solo singing performances resonated with melodious voices and diverse musical genres. From soulful renditions of classical music to energetic pop numbers and heartfelt ballads, the singers captivated the audience with their vocal talent and stage presence.

The scientific paper and poster presentations, categorized into Undergraduate (UG), Postgraduate (PG), and Professional levels, underscored the diverse and innovative research being conducted across academic disciplines. The session witnessed enthusiastic participation from budding researchers eager to present their initial forays into scientific inquiry. The presentations covered a wide spectrum of topics integrating the role of Ayurveda and Physiotherapy in modern day practices, reflecting the diverse curricula and research interests. Poster sessions were particularly engaging, with students utilizing visual aids to effectively communicate their research questions, methodologies, and preliminary findings.

They were judged by various eminent academicians across colleges of Delhi-NCR.



PIC 5- DANCE PERFORMACE BY STUDENTS



PIC 6- JUDGES MODERATING THE RANGOLI PREPARED BY THE STUDENTS



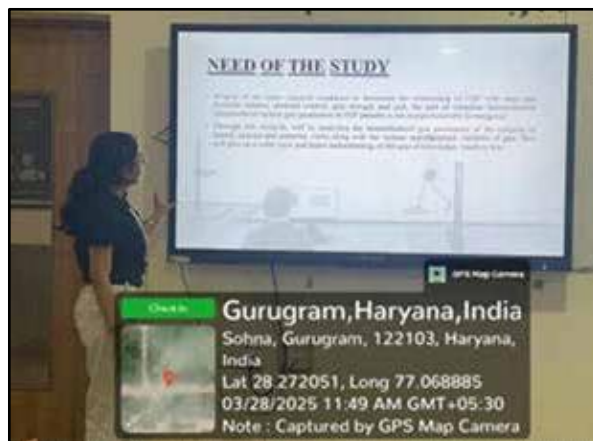
PIC 7- RANGOLI BY STUDENTS OF SGT



PIC 8- QUES ANS SESSION DURING POSTER PRESENTATION



PIC 9- STUDENTS EXPLAINING THEIR POSTER TO THE JUDGE



PIC 10- SCIENTIFIC PAPER PRESENTATION BY ONE OF THE STUDENT



PIC 11- FELICITATION OF ONE OF THE JUDGE OF SCIENTIFIC POSTER PRESENTATION

Two-days International Conference
On
2nd International Conference
on
Advanced Materials for Green Chemistry and Sustainable Environment
(March 20-21, 2025)



Title of the conference: 2nd International Conference on Advanced Materials for Green Chemistry and Sustainable Environment (AMGSE-2025)

Objective of the Conference: The objectives of the 2nd International Conference on Advanced Materials for Green Chemistry and Sustainable Materials is multi-faceted and encompasses several key aims:

- To promote awareness and development of eco-friendly materials and green technologies.
- To foster collaborative research and innovation among national and international scientific communities.
- To encourage young researchers and students to explore sustainable solutions for real-world environmental and industrial challenges.
- To highlight the role of materials science in achieving sustainable development goals (SDGs).
- To bridge the gap between academic research and industrial applications in green chemistry and sustainable technologies.

Overall, the conference aimed to serve as a catalyst for accelerating the transition towards a more sustainable future by promoting the development and adoption of advanced materials and green chemistry principles across various sectors, ultimately contributing to the preservation of natural resources, reduction of environmental pollution, and enhancement of global well-being.



Photo 1: Participants and guests during inauguration session



Photo 2: Lamp lighting ceremony during inauguration session



Photo 3: Conference delegates and convenors during release of abstract book



Photo 4: Dr Meena Bhandari welcomed all the guests



Photo 5: Prof. Mehraj Uddin Mir presented token of gratitude to Prof. V K Agarwal

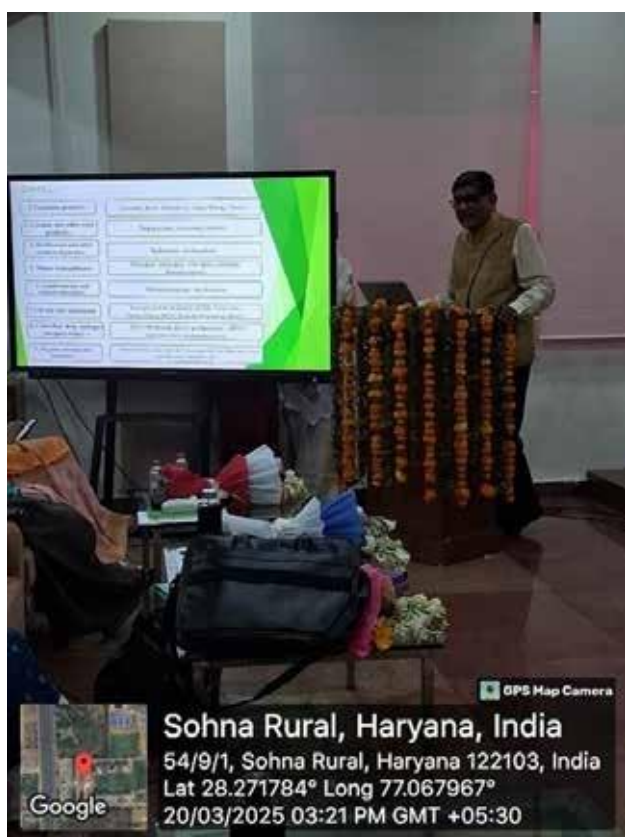


Photo 6: Prof. Rajendra Sarin during his talk



Photo 16: Prof. Yogendra Kumar Mishra during his talk

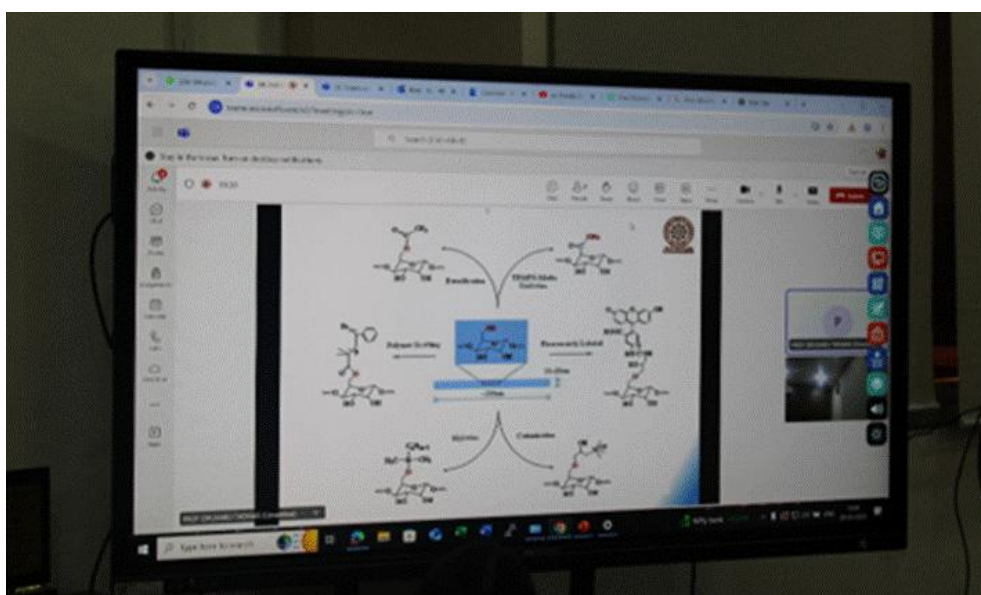


Photo 7: Prof. Sabu Thomas during his talk



Photo 17: Participants during the technical session



Photo 18: Participant during his presentation



Photo 19: Dr Neeraj Kumari gave vote of thanks in the conference



Photo 20: Conference chair and convenor with guests awarded the participants for best oral presentation



