

9th Edition of Applied Science, Engineering and Technology Virtual

SEPTEMBER 01, 2023



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Webinar
Timings

Speakers
Timings

07:00 – 07:10

Introduction



Keynote Sessions-1

07:10 – 07:45

12:40 – 13:15

Title: Hydrogen Generation through Overall Water Splitting using Functional Nanocatalysts

Tokeer Ahmad, Jamia Millia Islamia, India.

07:45 – 08:20

13:15 – 13:50

Title: Effects of human errors and environmental impact on retailer's ordering policy for imperfect quality items with credit financing

Mandeep Mittal, Amity University Noida, India.

08:20 – 08:55

16:20 – 16:55

Title: New ageless bionanomaterial nanocellulose reinforced Starch Biopolymer Nanocomposites: Innovations in Processing, Properties, and Multifaceted Applications

Ahmad Ilyas Bin Rushdan, University of Technology Malaysia,

08:55 – 09:30

11:55 – 12:20

Title: Improving the Fatigue Design of Mechanical Systems such as Refrigerator

Seongwoo Woo, Ethiopian Technical University, Ethiopia.

09:30 – 10:05

06:30 – 07:05

Title: TBC

TBC

10:05 – 10:40

07:05 – 08:40

Title: Nanoengineering Cement-based Materials

Paulo Cesar de Moraes, Catholic University of Brasília, Brazil.

10:40 – 10:50

REFRESHMENT BREAK



Invited Sessions

10:50 – 11:10

19:50 – 20:10

Title: Thermal Emissivity from p-GaN contact of the 227 nm Far-UVC LED
M Ajmal Khan, Cluster for Pioneering Research, Japan.

11:10 – 11:30

13:10 – 13:30

Title: Synthesis and characterization of organically functionalized nanoscale ionic materials for large-scale CO₂ capture
Cataldo Simari, University of Calabria, Italy.

11:30 – 11:50

17:00 – 17:20

Title: An Advanced Review on the Contaminations of Water in Leather and Footwear Manufacturing Industry and Appropriate Treatment Methods
Suresh Aluvihara, University of Peradeniya, Sri Lanka.



Keynote Sessions-2

11:50 – 12:25

07:50 – 08:25

Title: Enhancing Electrocardiogram Monitoring in Electronic Integrated Knit Garments through a Strategic Simulation-Based Contact Pressure Model
Kavita Mathur, North Carolina State University, USA.

12:25 – 13:00

08:25 – 09:00

Title: A Graph Engine to Visualize the Reconnaissance Tactic of the MITRE ATT&CK Framework Using UWF-ZeekData22
Sikha Bagui, University of West Florida, USA.

13:00 – 13:35

06:00 – 06:35

Title: Nondestructive Testing of Civil Infrastructure Using Ground Penetrating Radar (GPR)
Udaya B Halabe, Arizona State University, USA.

Closing Ceremony