

Date: 30th June, 2021 | Time: 12:00 – 14:30 (BST)

Link: <https://bdren.zoom.us/j/67821513875>

Patrons



Professor Hajime Shirai

Head of RESE Program, Saitama University



Professor Abu Bakar Md. Ismail

Head of Solar Energy Lab, Rajshahi University

Speakers:



Md. Ferdous Rahman

Ph.D. Fellow, Solar Energy Lab, University of Rajshahi

Md. Faruk Hossain
(Ph.D. Fellow, Shirai Lab, Saitama University)



Arifuzzaman Rajib
(Ph.D. Fellow, Shirai Lab, Saitama University)

Abdul Kuddus
(Ph.D. Fellow, Shirai Lab, Saitama University)



Kojun Yokoyama
(M.Sc. Student, Shirai Lab, Saitama University)

Shamim Ahammed
(RA, Solar Energy Lab, Rajshahi University)



Host



Dr. Sinthia Shabnam Mou
(Associate Professor, EEE, Rajshahi University)

Jointly organized by:

- Renewable Energy System Engineering (RESE), Saitama University, Japan
- Solar Energy Lab, Dept. of EEE, Rajshahi University, Bangladesh, &
- Power and Energy Society, IEEE, Rajshahi University SB, Bangladesh.

Webinar on Advanced Functional Materials and Electronic Devices

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Program Schedule

- 12:00 – 12:05** Welcome speech: Dr. Sinthia Shabnam Mou
- 12:05 – 12:10** Speech: Prof. Hajime Shirai
Head of RESE Program, Saitama University, Japan.
- 12:10 – 12:15** Speech: Prof. Abu Bakar Md. Ismail
**Head of Solar Energy Lab, Dept. of EEE
University of Rajshahi, Bangladesh.**
- 12:20 – 12:35** Presentation: Md. Ferdous Rahman, “Role of Annealing Environment on Thiol-capped Spin Coated CdTe Thin Films.”
- 12:35 – 12:50** Presentation: Md. Faruk Hossain, “Preparation and Characterization of Antimony (Sb) Doped Tin Dioxide (SnO₂) Thin Films”
- 12:50 – 13:05** Presentation: Arifuzzaman Rajib “Al_{1-x}Ti_xO_y Thin Films Synthesized by Mist-CVD and Applied as a Gate Insulating Layer”
- 13:05 – 13:20** Presentation: Abdul Kuddus “Mist Chemical Vapor Deposition of Crystalline MoS₂ Atomic Layer Films for Field-Effect Transistors”
- 13:20 – 13:35** Presentation: Shamim Ahmed
“Synthesis of Highly Efficient Copper Oxide Photocathode Using a Facile Chemical Route”
- 13:35 – 13:50** Presentation: Kojun Yokoyama “Effect of Mesh Bias Supply During Synthesis of TiO_x Thin Films by a Mist Chemical Vapor Deposition”
- 13:50 – –** Open discussion