



**EAST WEST UNIVERSITY**  
**CENTER FOR RESEARCH AND TRAINING**

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**141<sup>st</sup> Research Seminar**

**20 August 2026**

| Time                    | Sessions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Venue                                                                                                    |
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|                         | <b>Chair:</b><br><b>Professor Dr. Shams Rahman</b><br>Vice Chancellor<br>East West University (EWU)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>EWUCRT<br/>Seminar Room,<br/>Room no- 560,<br/>4<sup>th</sup> floor,<br/>East West<br/>University</b> |
| <b>9.00 am-9.05 am</b>  | <b>Introduction:</b><br><b>Professor Dr. Md. Sohel Rana</b><br>Executive Director<br>East West University Center for Research and Training (EWUCRT)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                          |
| <b>9.05 am -9.35 am</b> | <b>Seminar Title:</b> <i>Numerical Simulation of Targeted Pulmonary Drug Delivery in Patient-based Human Lung Model Under Physiological Conditions</i><br><br><b>Investigators:</b><br><br><b>1. Dr. Md. Sahidul Islam</b><br>Assistant Professor<br>Department of Mathematics and Data Science<br>East West University, Dhaka, Bangladesh<br><br><b>2. Dr. Kazi Ekramul Hoque</b><br>Associate Professor<br>Department of Arts and Sciences<br>Ahsanullah University of Science and Technology<br>Dhaka, Bangladesh<br><br><b>3. Dr. S M Afzal Hoq</b><br>Assistant Professor<br>Department of Science in Engineering<br>International Islamic University Malaysia (IIUM)<br>Gombak Campus, Malaysia |                                                                                                          |
| <b>9.35 am- 9.45 am</b> | <b>Discussant:</b><br><b>Professor Dr. Mostak Ahmed</b><br>Department of Mathematics<br>Jagannath University<br>Dhaka, Bangladesh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                          |
| <b>9.45 am- 9.55 am</b> | <b>Floor Discussion</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                          |
| <b>9.55 am</b>          | <b>Vote of Thanks</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                          |