



12th IEEE International Women in Engineering (WIE) Conference on Electrical and Computer Engineering 2026 (IEEE WIECON-ECE 2026)

30-31 October 2026 • Southeast University, Dhaka, Bangladesh • Hybrid (Physical & Online)

CONFERENCE PROGRAM AT A GLANCE

DAY 1 - FRIDAY, 30 OCTOBER 2026

8:00 AM - 8:30 AM	Breakfast & Registration
8:45 AM - 10:30 AM	Parallel Technical Sessions (Physical) - TS 1-5
10:30 AM - 10:45 AM	Tea Break
10:45 AM - 12:00 PM	Inaugural Session
12:00 PM - 1:00 PM	Keynote / Invited Session
1:00 PM - 2:30 PM	Prayer & Lunch
2:30 PM - 4:15 PM	Parallel Technical Sessions (Physical TS 6-10, Online TS 21-23); IEEE WIE Summit; BDS MD Event
4:15 PM - 4:30 PM	Tea Break
4:30 PM - 6:15 PM	Parallel Technical Sessions (Physical TS 11-15, Online TS 24-26); BDS MD Event
6:00 PM - 8:00 PM	Keynote / Invited Session & BDS MD Event

DAY 2 - SATURDAY, 31 OCTOBER 2026

8:00 AM - 9:00 AM	Breakfast
8:45 AM - 10:30 AM	Parallel Technical Sessions (Physical TS 16-20, Online TS 27-29)
10:30 AM - 11:00 AM	Tea Break
11:00 AM - 1:00 PM	Keynote / Invited Session
1:00 PM - 2:00 PM	Prayer & Lunch
2:00 PM - 4:15 PM	Parallel Keynote / Invited Sessions
4:15 PM - 4:45 PM	Tea Break
4:45 PM - 5:45 PM	Closing Ceremony & Award Giving
6:30 PM - 7:30 PM	Networking
7:30 PM - 9:30 PM	Conference Dinner



HOSTED BY
Southeast University
Dhaka, Bangladesh



ORGANIZED BY
IEEE Bangladesh Section
IEEE WIE Affinity Group, Bangladesh Section



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TECHNICAL PROGRAM SCHEDULE

DAY 1 - FRIDAY, 30 OCTOBER 2026

PHYSICAL (ON-SITE)

TS	CODE	SESSION	TIME	ROOM	PAPER IDs
1	SAPD	Smart Agriculture & Plant Disease Detection	8:45 AM - 10:30 AM	Hall-1	89, 213, 503, 570, 105 [5]
2	CRPM	Clinical Risk Prediction & Explainable Medical ML - I	8:45 AM - 10:30 AM	Hall-2	27, 48, 129, 196, 323 [5]
3	OCPN	Optical Communications & Photonic Networks	8:45 AM - 10:30 AM	Hall-3	69, 183, 367, 389, 391 [5]
4	SCMD	Solar Cells, Semiconductor Materials & Device Simulation	8:45 AM - 10:30 AM	Hall-4	278, 357, 359, 571, 137 [5]
5	PEPD	Power Electronics, Power Systems & Nano-Devices	8:45 AM - 10:30 AM	Hall-5	284, 292, 546, 148, 375 [5]
6	BNMI	Brain MRI & Neuro-Imaging with Deep Learning	2:30 PM - 4:15 PM	Hall-1	78, 141, 215, 377, 579, 593 [6]
7	MIOD	Medical Imaging: Ophthalmic, Dental, ENT & Wound Care	2:30 PM - 4:15 PM	Hall-2	172, 604, 578, 518, 249, 365 [6]
8	BNLP	Bangla NLP, Language Models & LLM Safety	2:30 PM - 4:15 PM	Hall-3	232, 309, 387, 551, 163, 457 [6]
9	REPS	Renewable Energy, PV Systems & Grid Resilience	2:30 PM - 4:15 PM	Hall-4	256, 285, 349, 354, 474, 600 [6]
10	ISHC	IoT, Smart Systems, Robotics & HCI	2:30 PM - 4:15 PM	Hall-5	465, 20, 413, 240, 182, 173 [6]
11	EEGV	EEG & Voice Biosignal Analysis	4:30 PM - 6:15 PM	Hall-1	25, 268, 469, 542, 144, 274 [6]
12	MITG	Medical Imaging: Thoracic, GI, Surgical & Microscopic	4:30 PM - 6:15 PM	Hall-2	511, 555, 438, 461, 541, 545 [6]
13	CSMD	Cybersecurity, Malware & Intrusion Detection	4:30 PM - 6:15 PM	Hall-3	332, 433, 435, 446, 493, 601 [6]
14	HIPH	Health Informatics & Public Health Analytics - II	4:30 PM - 6:15 PM	Hall-4	345, 116, 408, 498, 164, 440 [6]
15	BICB	Bioinformatics & Computational Biology	4:30 PM - 6:15 PM	Hall-5	238, 417, 426, 456, 603, 260 [6]

ONLINE (VIRTUAL)

TS	CODE	SESSION	TIME	ROOM	PAPER IDs
21	OMI1	Medical Image Classification with CNN-Transformer Hybrids	2:30 PM - 4:15 PM	VR-1	80, 97, 103, 204, 307, 313 [6]
22	OBSH	Biosignal Analysis & Sleep Health	2:30 PM - 4:15 PM	VR-2	67, 77, 93, 218, 280, 161 [6]
23	OARW	Antennas, RF Circuits, Photonics & Wireless Systems	2:30 PM - 4:15 PM	VR-3	187, 188, 193, 399, 524, 56 [6]
24	OREF	Renewable Energy, PV Fault Diagnosis & Energy Forecasting	4:30 PM - 6:15 PM	VR-1	318, 486, 513, 534, 569, 135 [6]
25	OSMI	Smart Mobility, EV, Industrial & Environmental Intelligence	4:30 PM - 6:15 PM	VR-2	190, 350, 347, 322, 325, 168 [6]
26	OCST	Cybersecurity, Authentication & Zero-Trust Systems	4:30 PM - 6:15 PM	VR-3	353, 468, 476, 507, 523, 557 [6]

DAY 2 - SATURDAY, 31 OCTOBER 2026

PHYSICAL (ON-SITE)

TS	CODE	SESSION	TIME	ROOM	PAPER IDs
16	ECSS	ECG, Sleep & Stress Monitoring Systems	8:45 AM - 10:30 AM	Hall-1	111, 344, 528, 384, 185, 154 [6]
17	CVPR	Computer Vision & Pattern Recognition	8:45 AM - 10:30 AM	Hall-2	95, 364, 484, 478, 398 [5]
18	DABS	Data Analytics for Business, Finance & Society	8:45 AM - 10:30 AM	Hall-3	74, 131, 370, 432, 386 [5]
19	ASAM	Antennas, Sensors, Energy Harvesting & Materials	8:45 AM - 10:30 AM	Hall-4	234, 380, 517, 473, 242 [5]
20	AESS	AI for Environment, Sustainability & Fairness	8:45 AM - 10:30 AM	Hall-5	522, 516, 170, 430, 403 [5]

ONLINE (VIRTUAL)

TS	CODE	SESSION	TIME	ROOM	PAPER IDs
27	OMI2	Medical Imaging & Assistive Vision	8:45 AM - 10:30 AM	VR-1	361, 576, 587, 610, 3 [5]
28	OCDS	Clinical Decision Support & Trustworthy Health AI	8:45 AM - 10:30 AM	VR-2	214, 217, 320, 488, 537 [5]
29	OLTA	Language Technologies & Agricultural AI	8:45 AM - 10:30 AM	VR-3	223, 489, 279, 289 [4]

IMPORTANT - REGISTRATION: Listing of a paper in this schedule does NOT confirm its registration. Any paper listed here whose registration payment is not confirmed will NOT be allowed to be presented at the conference. In a few cases, due to banking holidays, the final registration status is still pending; authors of such papers must ensure their payment is verified before the session.



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