

I-STEM-Equipment-Approved

Sr. No.	Equipment code	Equipment	Make	Model No.	Facility	Department
1	2460100	NVIDIA H100 NVL GPU SERVER	NVIDIA and Tyrone (Netweb Technologies India Limited)	Tyrone Camarero SDA200A2N-212S10F250235 S/N-202158080725		Department of Artificial Intelligence
2	2460332	Gas Chromatography Mass Spectrometry	Agilent Technologies India Pvt. Ltd.	G3540A Agilent 8890 Series	Analytical Lab	Department of Chemical Engineering
3	2460331	Gas Sorption Analyzer	Anton Par India Pvt. Ltd.	Autosorb iQ-C-XR -XR (2 stat)EPDM	Analytical Lab	Department of Chemical Engineering
4	2460330	Super Critical Fluid Extraction System	Chemtron Science Laboratories Pvt. Ltd., Mumbai	KHM514PQG-B3086N	MO Lab	Department of Chemical Engineering
5	2421504	Ultrasonic Processor with accessories Ultrasonic Bath with Variable Power Variable Frequency Ultrasonicator Unit	Inkarp Instrument Pvt Ltd	VCX 750	MTO Lab	Department of Chemical Engineering
6	2460329	High-Performance Liquid Chromatography	Shimadzu	LC-2030C 3D+ PDA	Analytical Lab	Department of Chemical Engineering
7	2460328	Metal Organic Chemical Vapour Deposition	VB Ceramic Consultants, Chennai	NA	MO Lab	Department of Chemical Engineering
8	2460101	Zeta and Particle size analyzer	HORIBA	SZ-100V2	Sophisticated Instrument Lab	Department of Chemistry
9	2420495	Attenuated Total Reflection Fourier Transform Infrared Spectrometer (ATR-FTIR)	LabIndia Analytical Instruments Pvt Ltd	Alpha II		Department of Chemistry
10	2420479	Compression Testing Machine 250 kN			Cement Laboratory	Department of Civil Engineering
11	2460354	Rheometer	M/s Anton Paar India Pvt. Ltd.	14902143701		Department of Civil Engineering
12	2460355	MIKE Software	M/s DHI Instrument	-		Department of Civil Engineering
13	2460357	MIKE 21 C License & MIKE SHE License	M/s DHI Instrument	-		Department of Civil Engineering
14	2460360	ABAQUS Software	M/s EDS Technologie s Pvt. Ltd.	2053		Department of Civil Engineering
15	2460358	Dynamic testing Systems for Bituminous Mixture	M/s Geotran	0046		Department of Civil Engineering
16	2460359	Training of travel time measurement system software, cabinet with UPS & Network Switch	M/s IPS Planners & Engineers Pvt. Ltd.	DOCE/SSACTJJ-MOHUA/21-22/3439		Department of Civil Engineering
17	2460104	High-End NVIDIA H-100 GPU Server	NetWeb Technologies	Tyron Camarero SDA200A2N-212 UV	HPC Lab	Department of Computer Science and Engineering
18	2460617	Customized Robotic System and Accessories	NUGENIX Robotics	RTH 236	Research	Department of Computer Science and Engineering
19	2421489	GW INSTEK DC Power Supply	Automate process control	GW-INSTEK	Electrical Vehical Lab	Department of Electrical Engineering
20	2451227	Grid Emulator	ITECH ELECTRONIC CO.,LTD	IT7915P-350-90	Energy Lab	Department of Electrical Engineering
21	2460269	Wavect WCU400 powered by DFIG based Wind Energy Emulator Module	Wavect	WCU 400	Energy Lab	Department of Electrical Engineering
22	2450124	Laser Spectrum Analyzer	Angstrom High Finesse	Angstrom High Finesse	Sensor Research Lab	Department of Electronics Engineering
23	2450130	Vector Network Analyzer	Anritsu corporation	1 MHz to 43 GHz Anritsu Make	Basic Communication Lab	Department of Electronics Engineering
24	2450131	RF/DC sputtering and thermal Evaporation unit	Auto 500	Auto 500	VLSI Lab	Department of Electronics Engineering
25	2450085	Raman Spectroscopy setup	Enwave Optronics Inc	Raman Spectroscopy setup	VLSI Lab	Department of Electronics Engineering
26	2450123	SCS parameter analyser system	Kenthley 4200A SCS	Kenthley 4200A SCS	VLSI Lab	Department of Electronics Engineering
27	2450129	RF vector signal generator	N5172B	N5172B	Communication Research Lab	Department of Electronics Engineering
28	2460605	Laser Weling Machine with accessories	Aaradhana	AR 4000	Processing/Manufacturing/Research facility	Department of Mechanical Engineering
29	2460604	Plasma Transferred Arc Welding Machine with Positioner and Digital Oscillator	ARCRAFT	PTA_400	SIC Lab	Department of Mechanical Engineering
30	2460600	SPLIT HOPKINSON PRESSURE BAR System (SHPB) with accessories	ARTIS	ATS-SHPB-05	Testing Lab	Department of Mechanical Engineering
31	2460603	Pulse Tube Cryo Generator with Accessories	Cryomech	PT-407	Research	Department of Mechanical Engineering
32	2420459	Scanning Electron Microscope (SEM)	Hitachi	S-3400N	SIC Lab	Department of Mechanical Engineering
33	2420460	CHNS Analyzer TruSpec CHN	LECO	630-100-400	SIC Lab	Department of Mechanical Engineering
34	2420458	Proximate Analyzer Thermo Gravimetric Analyzer (TGA)	LECO	604-100-700	SIC Lab	Department of Mechanical Engineering
35	2420461	CHNS Analyzer TruSpec S	LECO	630-100-700	SIC Lab	Department of Mechanical Engineering
36	2460599	Laser Camera with Synchronization and Accessories	Litron & Dantec Dynamics	Nano L 200-15, 9081N201, 9080X0951, 9081C0841	Research	Department of Mechanical Engineering
37	2460601	Advanced Metallurgical Microscope with Image Analyser	Olympus	DSX2000	Testing Facility	Department of Mechanical Engineering
38	2420462	XRF Analyzer	Rigaku	ZSX Mini II	SIC Lab	Department of Mechanical Engineering
39	2460598	Servo Electro-Mech Creep Testing Machine	Star Testing Systems	STS-9018	Testing Facility	Department of Mechanical Engineering
40	2460602	Fully Automatic Liquid Nitrogen Plant with Accessories	Sterling	StirLIN-1 Economy	Research	Department of Mechanical Engineering

41	2451224	PID Controlled Coupled Furnace (Arc-melt furnace)	Excel Instruments	customized and design registered at the Patent Office, Govt. of India	Research Lab	Department of Physics
42	2451225	Thermal Properties Measurement System	LCGC Bio Analytic Solution	TR-TRIDENT-B1	DoP	Department of Physics