

TEQIP-III Action Plan for January, 2021 to March, 2021

Subcomponent : 1.1

Name of the Institute : Dibrugarh University Institute of Engineering & Technology (DUIET)

(Amount in Rs.)

Heads		Sub-Heads		January, 2021 to March, 2021						
				January, 2021		February, 2021		March, 2021		Total Expenditure
				Activities	Expenditure	Activities	Expenditure	Activities	Expenditure	
Procurement of goods	1.1.1.1	Equipments (for hostel, sports and any non academic activity not permitted)	A. CSE 1. Web Camera for Online Activity like Online Classes, meetings and workshops (07 no.s) (5000× 07=35,000) B. ECE 1. Handheld dynamic unidirectional transmitter (1 nos) (15,000) 2. A bodypack transmitter(1nos) (10,000) 3. Table-top receiver with noise squelch circuitry. (01 no.) (40,000) 4. Audio mixer : 2 input, 4 line output (7000.00) 5. PA column speaker: 10 Watt, 8 Ohms, 100 V (4 pieces) (8000.00) C. PE 1. Mud Mixture (Dr.Prasenjit Talukdar) (1,00,000) D. WORKSHOP 1) Spot and Projection welding machine (1 no) (11,50,000) E. TEQIP Office/Institute Level 1. Sanitizer Dispenser (Automatic) (02 units) (10000.00) 2. Tablet for Director, DUIET & Nodal Officer Finance, TEQIP-III (02 no.s) (22,000×2=44,000) 3. CCTV set with four channel DVR and 04 dome cameras (01 unit) (25,000) 4. Web Camera for TEQIP Coordinator & Director, DUIET to attend online activities like meetings, webinars etc. (02 units) (02×5,000=10,000) F. Allied Dept. 1. Mercury Vapor Lamp (10000/-) 2. Sodium Vapour Lamp (10000/-)	1474000.00	A. CSE 1. DataComm Trainer (280000/-) 2. LAN Topology Trainer (280000/-) 3. Embedded System Peripheral Module (90000/-) 4. IOT (220000/-) 5. Switch 3 Layer (350000/-) 6. Server Rack (50000/-) 7. Router (400000/-) 8. Com Network (5,00,000/-) B. ME 1. Experimental set-up for calibration of pressure gauge/ Dead Weight Pressure Gauge Tester (75,000) 2. Experimental set-up for calibration of thermocouple (1,35,000/-) 3. Gas Analyzer (5,00,000) 4. Installing pressure and crank angle sensors in VCR engine of IC lab and converting it to Open ECU (9,00,000/-) 5. Dual, automotive engine with open ECU (1800000/-) 6. Micrometer (38160/-) 7. Oil Bath (12000/-) C. PE 1. Core Flooding Equipment (10,000,00/-) 2. Sand Pack Flooding Equipment (25,000,00/-) 3. Microphone (08) (1200×8=96,000) 4. Web-camera (08) (5000×8=40000) D. BSC 1. Analytical Balance (02 units) (51,000×02=102000) 2. Hot plate magnetic stirrer (02) (75,000×02=1,50,000)	9518160.00	A. All Departments 1. Graphics Tablet for Online classes (43 no.s) (43×15,000=6,45,000) B. CSE 1. Headset with Microphone (07×1600=11,200) 2. Air Conditioner (42,000 × 07 = 2,94,000) C. PE 1. USB Microphone for windows (08×1200=9600) 2. Automatic Laboratory Mechanical Sieve Shaker (02×1,40,000=2,80,000) 3. Sieve Sets (02×93,000=1,86,000) 4. Agate Mortar and Pestle (02×10,000=20,000) D. BSC 1. Magnetic Steerer with Hot Plate (01) (9,500) 2. Ultrasonic Cleaner (01) (25,000) 3. Muffle Furnace (01) (65,000) E. ME 1. Public Address System (03×15,000=45,000) 2. Headset with Mic (11×1600=17600) 3. Web Camera (11×5,000=55,000) F. Library 1. CCTV set with 25 bullet cameras (01) (1,00,000) 2. Multifunction Copier Machine (01) (90,000) 3. Dot Matrix Printer (01) (15,000) 4. Desktop Computers (13×60,000=7,80,000) 5. Bar Code Reader (01) (3,000) 6. AC (08×70,000=5,60,000) G. Examination Cell 1. CCTV set with 04 bullet cameras (25,000) 2. Desktop Computer (04×60,000=2,40,000)	3457900.00	14450060.00	
	1.1.1.2	Learning resources (e-books, e-journals, softwares, text book etc.)	A. CSE Software: Netsim Standard R&D version (5 users) for students' research work (15,00,000)	1500000.00					1500000.00	
	1.1.1.3	Furniture (for hostel, sports and any non academic activity not permitted, but allowed for TEQIP Cell)	A. ECE 12 seater conference table for meeting room/seminar room (48,000) B. CSE (i) Sofa Set (24,000 × 02 = 49,000) (ii) Public Chair Set (22,000 × 04 = 90,000) (iii) Round Table (12,000 × 06 = 72,000) (iv) Chairs (4,000 × 24 = 96,000)	355000.00	A. Library 1. Newspaper stand with storage cabinet (03×15,000=45,000) 2. Check gate cabin (01) (2,00,000)	245000.00	A. Examination Cell 1. Revolving Chair (10 no.s×10,000=1,00,000) B. ME 1. Computer Workstation (32 no.s) (10,20,000) 2. Computer lab Task Chair (32×6000=1,92,000)	1312000.00	1912000.00	
	1.1.1.4	Minor civil works (for hostel, sports and any non academic activity not permitted, no new building), (repair,maintenance & extension allowed)	A. ECE Aluminium window installation(4'x4') 11 numbers (88,000)	88000.00					88000.00	
1.1.2.1	Improve student learning 1. IIT/NIT training at IIT/NIT or in parent institute (training fees, honorarium to faculty, TA/DA of students or resource person); 2. Induction Training for 1st year & lateral entry students in 2nd year - Training of faculty mentors by induction coordinators already trained; lectures on Universal human values, Crash course on communication skills; crash/ bridge courses on conceptual learning on mathematics and physics, expenditure on art and craft training, physical activities (own faculty with honorarium/ hired experts) 3. Expenditure on Student Excellence and Learning Programme (SELP-art of living) 4. GATE Orientation Programme for all students, 5. GATE Preparation Classes from 3rd year onwards; 6. GATE Registration Fee (only for final year students) 7. Career Counselling for Student; appointment of counsellor (internal/external)- honorarium, TA/DA etc. 8. Employability / Psychometric/ Diagnostic Test of all students; 9. Honorarium for Remedial Classes for failure / academically low performing students; 8. Peer Learning- incentivizing students 9. Student Visits to IIT & R&D organizations; 10. Institutional memberships for professional societies	A. PE GATE Registration Fee (only for final year students) (30,000) B. CSE (2,000) Honorarium for Remedial Classes for failure / academically low performing students C. INSTITUTE LEVEL (4,00,000) AICTE Mandate Induction Programme for newly admitted students (session 2020-21)	432000.00			A. ME (30,000) Soft skill / software learning/ Training for student (Faculty in-charge Dr. Madhujya Saikia)	30000.00	462000.00		

Academic Processes	1.1.2.2	Research Assistantships 1. Research Assistantship in engineering & applied science discipline for full time Ph.D. students excluding QIP candidates or any other scheme; 2. Providing contingency as decided by competent authority of institution					0.00		
	1.1.2.3	Graduates employability 1. Awareness drive/ workshops about the idea of 'Innovation' & 'Start-up' 2. Continuous Drive of Competitions: Smart India Hackathon, Idea stage, prototype stage, business plan, etc every month for first to final year students 3. Soft Skill training (Industry Readiness); 4. Remedial coaching for first to final year students in Communication Skills, quantitative ability, logical reasoning as observed in AMCAT employability test 5. Bridge Courses for enhancing employability/placement 6. Conducting training on NASSCOM future skills 7. Specialized industry based training programmes by industry 8. Organising motivational talks by local entrepreneurs 9. E-summits, conferences, seminars and other Entrepreneurship fests (organising as well as attending) 10. Awareness of job potential by arranging alumni talks 11. Formation of students clubs for domain and general areas 12. Operation / maintenance/ Consumables on tinkering labs 13. Student training on interpersonal skills	C. INSTITUTE LEVEL a. Bridge Courses (35,000) b. Softskill Development Workshop for Students (25,000)	60000.00			60000.00		
	1.1.2.4	Faculty/Staff Development and motivation 1. Short Term Training Programmes (STTP) in house; 2. Registration fee and TA/DA for STTP in other reputed institutes; 3. IIT training to faculty at IIT or in parent institute; 4. Attending Conferences/ Seminars / Workshops 5. Support Staff training, 6. Counselling of faculty and staff, particularly for disadvantaged sections of the society 7. Qualification upgradation of faculty and staff 8. Faculty training on NASSCOM future skills 9. Faculty training on digital pedagogy 10. Motivational talks for faculty and staff for improving efficiency and belongingness 11. Faculty and staff training in industry (registration fees, TA/DA, accommodation etc.)	A. ECE Ph.D. REGISTRATION FEE OF A) Ms. PARISMITA GOGOI (6,000) B) MR. JAGANNATH PATRA (16,800) C) MR. ASHIM KUMAR (5,200) D) MR. N. H. SINGH (6,000) E) MR. H. P. MONDAL (17,000) B. PE Mr.Prasun Banik- PhD re-registration fee (5000) C. CSE (5,000) Ph.D Tutition fee -	61000.00	A. PE PhD Research works- Testing of samples - Mr.Prasun Banik (35,000) B. CSE (16,400) 1. Qualification Upgradation- Fees for PhD course and Thesis Submission fees: 2. PhD monthly fees C. INSTITUTE LEVEL FDP on Heteragogy (3,00,000)	351400.00	A. PE IIT training to faculty at IIT or in parent institute (Dr.Prasenjit Talukdar) (25,000) B. ME (20,000) Faculty training/attending workshop (Faculty in-charge Mr. Keshab Biswakarma)	45000.00	457400.00
	1.1.2.5	Research and development 1. Attending Conferences/ Seminars/ Workshops for UG/PG/Ph.D students within or outside institute; 2. Spares and consumables for UG/ PG student research project; 3. Seed Money for R & D for faculty research projects; 4. Providing seed money to students for their projects. (Incentivisation through prizes, appreciation etc.); 4. Publication in peer reviewed journals having citation & impact factor and scopus index; 5. Fees and facilitation charges for patent filing for faculty and students, 6. Workshops on wrting collaborative research proposals 7. Inhouse product development by students 8. Expenses for using infrastructure facilities (rent) in other organizations; 9. Expense on testing/characterization of samples of R&D projects undertaken by faculty/students 10. Appointment of retired teachers from IITs/NITs/other reputed institutions as Senior Research Advisor (salary/honorarium - as approved by competent authority of institution 11. Additional funding for soft activities in collaborative reserch scheme	A. PE One-week online webinar (SDP) (35,000) B. CSE (6,000) Attending Conferences C. BSC (30,000) Spectroscopic Analysis (Chemistry)	71000.00	A. ECE 1. Publication in peer reviewed journals having citation & impact factor and scopus index; (30,000) B. PE (20,000) 1.Publication in peer reviewed journals having citation & impact factor and Scopus index 2. Spares and consumables for UG student research project	50000.00	A. PE (30,000) 1.Publication in peer reviewed journals having citation & impact factor and Scopus index 2. Spares and consumables for UG student research project B. ME (20,000) 1. B. TECH final year project expenses. (faculty in charge Dr. Pranjal Sarmah)	50000.00	171000.00

1.1.2.6	MOOCs and digital learning 1. Appearing for examination and Certification fees for online courses (MOOC's); 2. Development of MOOC's/ Online courses 3. Incentivizing faculty for generating digital learning material, content development etc.				A. ME (10,000) MOOCs courses for faculty/staff (Faculty in-charge Mr. Keshab Biswakarma)	10000.00	10000.00
1.1.2.7	Mentoring/Twinning system 1. Two way faculty, staff and student exchange programs for training and academic activities; 2. Joint R & D; Arranging seminars, academic meetings and conferences for students and faculty; 3. Organising Industry partnerships for joint R&D, internship and placement activities; 4. Learning forums for improving governance practices, institutional management and reforms; 5. Joint Advisory or consultancy services; any other activities as deemed mutually appropriate 6. Joint placement drives				A. ME (1,00,000) Training/ skill development programme for staff in collaboration with mentor institute. (Faculty in-charge Mr. Pankaj Konwar)	100000.00	100000.00
1.1.2.8	Reforms, governance 1. Organizing workshops for faculty so as to implement AICTE model curriculum 2. Meeting expenditure for various authorities like ICC, BoS, Academic Council/ Senate, BoG 3. Accreditation & UGC Autonomy fees, Workshop on OBE/SAR filing, mock visits through experts - TA/DA, honorarium etc. 4. 360 degree Student Feedback & Faculty Appraisal (designing fresh system or operating cost of existing students feedback system) 5. Workshops / meetings / inviting experts for implementation of AICTE examination policy for measuring outcomes						0.00
1.1.2.9	Management Capacity development 1. Management Capacity Building programmes at IIM; 2. Organizing leadership programmes by IIM faculty in parent institute 3. NPIU workshops, etc						0.00
1.1.2.10	Hiring Consultancy Services 1. Three ways for carrying out any academic activity a) internal faculty b) external faculty c) outsourced service provider, 2. External faculty can be invited on remuneration basis (Rs. 700/ per hour or Rs. 4000 to Rs. 5000 per day as the case may be). 3. Use procurement rules for services for outsourced service provider (for which the methods given in procurement shall be adopted) 4. It does not require activity plan (sr. no. 2 & 3 will be required for all academic activities)						0.00
1.1.2.11	Industry-Institute Interaction 1. Expenditure on TA/DA registration fees for Internships; 2. Inviting Industry expert for lectures; 3. Placement Activities & Hospitality for the companies coming for placement 4. TA/DA of students and faculty for Industry Visits, 5. Arranging HR summit for placement 6. Preparation and printing of brochure for placement 7. Expenditure on submission of collaborative research proposals to the industry 8. Conducting workshops for GD/PI, preparation of CV for placement, mock interviews 9. Conduct of Alumni meet for career guidance and placement activities 10. Arranging pool campus 11. Participation of industry experts in curriculum development through ICC. 12. TA/DA and honorarium for industry experts assisting in delivery of curriculum			D. ME (10,000) Alumni meet and talk series (Faculty in-charge Dr. Madhujya Saikia)	10000.00		10000.00

Operating Cost	1.1.3.1	Consumables	A. ECE (15,000) Laboratory consumables, materials like wires, components, battery etc B. PE (10,000) 1.Hand sanitizer 2.Mask 3. Gloves	25000.00	A. BSC (20,000) Laboratory Consumables for Chemistry Lab B. INSTITUTE LEVEL (All Departments) Acetone GR grade Perafin Oil (500 ml) Silica Gel, 10 GRMSX, 30 pcs in 01 packet Tissue paper roll pack containing 10 no.s of rolls Acetone Bottle of 1/2 ltr Methanol bottle of 2.5 ltr (Analytical grade) Nitric acid bottle of 2.5 ltr (Analytical grade) Nitrobenzene bottle of 1/2 ltr (analytical grade) TEOS bottle of 2.5 ltr (Analytical grade) DMF solution, bottle of 1-2 ltr (Analytical grade) Deionized water gallon of 5 ltrs NaOH bottle of 500 gm Ascorbic acid bottle of 100 gm Aminopropyl triethoxysilane bottle of 100 ml High speed Diesel fuel Petrol Lubricating oil 20w40 multi grade Elemental Mercury Polyurethane pipe Drip set Hypodermic needle with metallic base Methanol Iso Propyl Alcohol Potassium Iodide	130013.00	A. INSTITUTE LEVEL (All Departments) Potassium hydroxide Starch Diesel TITANIUM DIOXIDE TBHQ (Tertiary Butyl Hydro quinine) BHA (Butylated hydroxyl anisole) BHT (Butylated Hydroxy Toluene) Sodium hydroxide Sodium Carbonate 99%Pure Chloroform Acetic acid Sodium thiosulphate Iodine monochloride reagent Distilled water Ethanol Cutting Oil SAE 60 Lubricant	43885.00	198898.00
	1.1.3.2	Operation and maintenance of equipments	a. ECE For servicing of smart class room equipments (25,000)	25000.00					25000.00
	1.1.3.3	Office expenses (The activities include: stationary; printing, etc.)	a. ECE (50,000) For the publication expenditure of newsletters, magazines etc b. INSTITUTE LEVEL Bound Register-No. 8 Utility Trays Magnetic White Board Magnetic Button Set of 6 Pymbols Pen Tray for White Board Canon Image Runner 2420L toner cartridge Canon Image Runner 2318L toner cartridge (NPG-28) HP Laser Jet MFP-M427DW 28A Cartridge HP Laser Jet M1005MFP 12-A MOH 57AA GT51 HP Black Ink Brother TN-2060 Printer Cartridge EPSON L565: T6641/42/43/44 HP Laser Jet 12A HP-87A HP-55A Canon Pixma MG-2170:CL-741XL/PG-740XL	163600.00	a. INSTITUTE LEVEL Binder Clip (medium) (Packet) Binder Clip (small) (Packet) Sanitizer (Spray) Sanitizer (Liquid) White Board Marker (Blue & Black) Liquid Handwash Highlighter Pen (Packet) Correction Pen (Packet) Transparent File Cover Desk Organiser Calculator Stappler (Medium) Stappler (Very Big) with stand Stappler Pin (Big) (Packet) Stappler Pin (Small) (Packet) Double Punching Machine (Very Big) with stand Double Punching Machine (Small) Magnetic White Board Duster Pen Stand Page Marker (Flags) (Packet) Sticky Notes (Big) (Packet) Paper Weight Clear Tape-2 inch Sponge Damper Pad Currency Counter Gems Clip Packet Thumb Pin Box with 100 pins	90700.00			254300.00
	1.1.3.4	Meetings (only project related meetings)	Academic Meetings (20,000)	20000.00	Performance Audit (30,000)	30000.00	BoG Meeting (20000)	20000.00	70000.00
	1.1.3.5	Hiring of Vehicles (only for project activities)							0.00
	1.1.3.6	Travel Cost (only for project activities)							0.00
	1.1.3.7	Salary (for TEQIP office staff)	Salary for the Month of January 2021	70000.00	Salary for the Month of February 2021	70000.00	Salary for the Month of March 2021	70000.00	210000.00
		TOTAL	0	4344600.00	0	10495273.00	0	5138785.00	19978658.00