

TEQIP-III Action Plan for July, 2020 to September, 2020

Subcomponent : 1.1

Name of the Institute : Dibrugarh University Institute of Engineering and Technology

(Amount in Rs.)

Heads	Sub-Heads	July 2020 to September 2020						Total Expenditure
		July 2020		August 2020		September 2020		
		Activities	Expenditure	Activities	Expenditure	Activities	Expenditure	
1.1.1.1	Equipments (for hostel, sports and any non academic activity not permitted)	Core Flooding Equipment	5110000.00	Gas Analyzer and Installing pressure and crank angle sensors in VCR engine of IC lab and converting it to Open ECU	5885496.00	Binocular Polarizing Microscope	12890000.00	23885496.00
		Sand Pack Flooding Equipment		Dual, automotive engine with open ECU		Contact and surface/interfacial tension measuring Equipment		
		Mercury Vapor Lamp		Mechanical Sieve shaker, Brass Frame Sieves and Agate Mortar & pestle		Proximate Analyzer		
		Sodium Vapor Lamp Stabilizer		Micrometer		Vaccum Oven		
				Oil Bath		Distillation Assembly		
		Digital Vernier Caliper, Experimental set-up for calibration of pressure gauge/ Dead Weight Pressure Gauge Tester and Experimental set-up for calibration of thermocouple		Data comm Trainer		SOXHLET Apparatus		
		Spot and Projection Welding Machine		LAN Topology Trainer		Workstation for simulation lab (2 CPU + 4 LCD)		
				Embedded System Peripheral Module		High Pressure High Temperature (HPHT) Viscometer		
				IOT		Mud Mixers		
				switch 3 layer		High Pressure Gas Adsorption Isotherm System		
Router								
	Server Rack							
	Com Network							
1.1.1.2	Learning resources (e-books, e-journals, softwares, text book etc.)							
1.1.1.3	Furniture (for hostel, sports and any non academic activity not permitted, but allowed for TEQIP Cell)							
1.1.1.4	Minor civil works (for hostel, sports and any non academic activity not permitted, no new building), (repair,maintenance & extension allowed)							

1.1.2.1	<p>Improve student learning</p> <ol style="list-style-type: none"> 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; 7. 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 	<p style="text-align: center;">1. CSE Honorarium for Remedial Classes</p> <p style="text-align: center;">2. ME Honorarium for Remedial Classes</p> <p style="text-align: center;">3. PE Student summer training and reimbursement</p>	105000.00	2. ME Honorarium for Remedial Classes	4000.00	<p style="text-align: center;">1. CSE Honorarium for Remedial Classes</p> <p style="text-align: center;">2. ME Honorarium for Remedial Classes</p>	14000.00	123000.00
---------	--	--	------------------	---	---------	--	-----------------	------------------

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							
1.1.2.3	Graduates employability 1. Awareness drive/ workshops about the idea of 'Innovation' & 'Start 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			Softskill Training for Pre Final Year and Final Year Students	215055.00			215055.00
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.)	1. CSE A. Publishing of IEEE Conference Paper B .PhD Tutition Fee 2. Basic Science A. AICTE approved NITTT FDP course (Communication Skills, modes & Knowledge Dissemination) B. Virtual International FDP on Essentials of Good Research organized by Faculty of Engineering and Technology, Assam Down Town University	19900.00	1. CSE Registration fees for conference 2. ECE Ph.D. Registration Fee Of A) Ms. Parismita Gogoi, Asst. Professor B) Mr. Jagannath Patra, Asst. Professor C)Mr. Ashim Kumar, Asst. Professor D) Mr. N. H. Singh, Asst. Professor 3. PE Attending Seminar/Conference /Work-Shop/STTP etc 4. ME PhD registration fee and thesis printing fee of Mr. Dipankar Das	201000.00	1. CSE Attending conference 2. PE A. Ph.D submission fee and thesis printing for Mr. Prasun Banik and Miss. Bondita Robidas B. Ph.D monthly fee for three faculties	76800.00	297700.00

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 projectp; 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. 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					1. ME Fees/charges for pattent filling of Dr. Pranjali Sarmah	40000.00	40000.00
1.1.2.6	MOOCs and digital learning 1. Appearing for examination and Certification fees for online courses 2. Development of MOOC 3. Incentivizing faculty for generating digital learning material, content development etc.	1. Basic Science A. Online MOOC course on Semiconductor Optoelectronics B. Online MOOC course on Solar Photovoltaics Fundamentals, Technology And Applications C. Online MOOC course on Solid State Physics	3000.00	Swayam Registration Fees for students (all department)	158000.00			161000.00
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	1. Online FDP on "Techniques for online assessment and pedagogy"	25000.00	1. Staff development programme 2. SDP on Effective Strategies for Professional Development of Students 3. FDP on "E-content development and deliverance"	375000.00			400000.00
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 expetrs - 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							

	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							
	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)							
	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							
Operating Cost	1.1.3.1	Consumables							
	1.1.3.2	Operation and maintenance of equipments							
	1.1.3.3	Office expenses (The activities include: stationary; printing, etc.)			1. TEQIP-III office Cartridge/A4 paper/stapler pins/highlighter/pens etc.	10000.00	1. PE Cartridge/A4 paper/ White board marker	12000.00	22000.00
	1.1.3.4	Meetings (only project related meetings)	1. TEQIP Coordinator Reimbursement against recharge of Internet pack used for the online video conferencing with the officials during work from home period	1000.00	Academic and Procurement Meetings	50000.00	Academic and Procurement Meetings	50000.00	101000.00
	1.1.3.5	Hiring of Vehicles (only for project activities)							
	1.1.3.6	Travel Cost (only for project activities)	TA/DA	10000.00	TA/DA	10000.00	TA/DA	10000.00	30000.00
	1.1.3.7	Salary (for TEQIP office staff)	Staff Salary	70000.00	Staff Salary	70000.00	Staff Salary	70000.00	210000.00
	TOTAL							25485251.00	