

Subcomponent 1.3: Twinning Arrangement

Name of the Institute : INDIAN INSTITUTE OF ENGINEERING SCIENCE AND TECHNOLOGY, SHIBPUR

Heads	Sub-Heads	Quarter-4						Total Expenditure Estimates
		January, 2018		February, 2018		March, 2018		
		Specific Activities	Estimated Exp.	Specific Activities	Estimated Exp.	Specific Activities	Estimated Exp.	
Procurement of goods	1.3.1.1	Equipments (for hostel, sports and any non-academic activity not permitted)	20,00,000.00	i)Micro Hardness Tester; ii)High Performance Liquid Chromatography; iii)Desktop Computer; iv)Cascade wind tunnel with compressor and turbine blade; v) LCD screen projector; vi)Isolation transformer	60,00,000.00	i)Micro Hardness Tester; ii)High Performance Liquid Chromatography; iii)Desktop Computer; iv)Cascade wind tunnel with compressor and turbine blade; v) LCD screen projector; vi)Isolation transformer	16,50,000.00	86,50,000.00
	1.3.1.2	Learning resources (e-books, e-journals, software, text book etc.)	-	i)Xilinx Vivado; ii)ARM DS-5 Development Studio (Xilinx System Edition)	8,50,000.00	i)Xilinx Vivado; ii)ARM DS-5 Development Studio (Xilinx System Edition)	-	8,50,000.00
	1.3.1.3	Furniture (for hostel, sports and any non academic activity not permitted, but allowed for TEQIP Cell)	-	NIL	-	NIL	-	-
	1.3.1.4	Minor civil works (for hostel, sports and any non academic activity not permitted, no new building), (repair, maintenance & extension allowed)	-	NIL	-	NIL	-	-


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Academic Processes

<p>1.3.2.1</p> <p>Improve student learning (The activities include: IIT/ NIT training to students at IIT/NIT or in parent institute; Induction Training; GATE Preparation Classes; Career Counselling; Student Diagnostic Test; Remedial Classes; Peer Learning; Student Visits to IIT & R&D organizations; GATE Registration Fee (only for final year students); Institutional memberships for professional societies eg, IEEE, ACM, IETE, CSI, ISTE, IE(I), ASCE, ASME, for student chapters; Sponsorship of 20% on academic activities in Tech Fest; Registration Fees and TA/DA for students participating in Tech Fest of IIT/MIT; GATE Orientation Programme, etc.)</p>	<p>i) Internship, industrial training and tour for UG/PG students; ii) Remedial classes for weaker group of UG students</p>	<p>4,00,000.00</p>	<p>i) Internship, industrial training and tour for UG/PG students; ii) Remedial classes for weaker group of UG students</p>	<p>3,00,000.00</p>	<p>i) Internship, industrial training and tour for UG/PG students; ii) Remedial classes for weaker group of UG students</p>	<p>4,00,000.00</p>	<p>i) Internship, industrial training and tour for UG/PG students; ii) Remedial classes for weaker group of UG students</p>	<p>2,00,000.00</p>	<p>9,00,000.00</p>
<p>1.3.2.2</p> <p>Research Assistantships (The activities include: Research Assistantship for full time Ph.D. students excluding QIP candidates, etc.)</p>	<p>Expense on testing/ Characterization of samples of R&D project undertaken by students/ Research assistantship to full time doctoral students registered in the institutions in engineering as per AICTE or UGC norms including contingency charges that do not get scholarship through any other scheme of Gol</p>	<p>2,00,000.00</p>	<p>Expense on testing/ Characterization of samples of R&D project undertaken by students/ Research assistantship to full time doctoral students registered in the institutions in engineering as per AICTE or UGC norms including contingency charges that do not get scholarship through any other scheme of Gol</p>	<p>2,00,000.00</p>	<p>Expense on testing/ Characterization of samples of R&D project undertaken by students/ Research assistantship to full time doctoral students registered in the institutions in engineering as per AICTE or UGC norms including contingency charges that do not get scholarship through any other scheme of Gol</p>	<p>2,00,000.00</p>	<p>Expense on testing/ Characterization of samples of R&D project undertaken by students/ Research assistantship to full time doctoral students registered in the institutions in engineering as per AICTE or UGC norms including contingency charges that do not get scholarship through any other scheme of Gol</p>	<p>2,00,000.00</p>	<p>6,00,000.00</p>


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1.3.2.3	Graduates employability (The activities include: Start up activity; Soft Skill training (Industry Readiness); Finishing Schools, etc.)	In house and off campus training for UG and PG students to improve soft skills (to improve employability);	3,00,000.00	In house and off campus training for UG and PG students to improve soft skills (to improve employability);	2,00,000.00	In house and off campus training for UG and PG students to improve soft skills (to improve employability);	1,00,000.00	6,00,000.00
1.3.2.4	Faculty/Staff Development and motivation (The activities include: Short Term Training Programmes (STTP) in house; Refistration fee and TA/DA for STTP in other reputed institutes; IIT training to faculty at IIT or in parent institute; Attending Conferences/ Seminars/Workshops; Qualification Upgradation; Support Staff training, etc.)	Funding patent applications for faculties; Attending Pedagogical training; Organizing national and international conference, seminar, symposium etc. on R&D topics or themes	2,00,000.00	Funding patent applications for faculties; Attending Pedagogical training; Organizing national and international conference, seminar, symposium etc. on R&D topics or themes	2,00,000.00	Funding patent applications for faculties; Attending Pedagogical training; Organizing national and international conference, seminar, symposium etc. on R&D topics or themes	2,00,000.00	6,00,000.00
1.3.2.5	Research and development (The activities include: Attending Conferences/ Seminars/ Workshops for UG/PG/Ph.D students within or outside institute; Spares and consumables for UG/ PG student research project; Seed Money for R & D for faculty research projects; Publication in peer reviewed journals having citation & impact factor and scopus index; Fees for patent filing for faculty and students, etc.)	To attend national/international conference, seminar, symposium within India for PG and Research Scholars; Organizing subject area training programmes	8,00,000.00	To attend national/international conference, seminar, symposium within India for PG and Research Scholars; Organizing subject area training programmes	6,00,000.00	To attend national/international conference, seminar, symposium within India for PG and Research Scholars; Organizing subject area training programmes	6,00,000.00	20,00,000.00
1.3.2.6	MOOCs and digital learning (The activities include: Certification fees for online courses (MOOC's); Development of MOOC's/ Online courses, etc.)	NIL	-	NIL	-	NIL	-	-

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1.3.2.7	<p>Mentoring/Twinning system (should at least spend 5% of the PLA, include non-remunerative activities like: Two way faculty, staff and student exchange programs for training and academic activities; Joint R & D; Arranging seminars, academic meetings and conferences for students and faculty; Organising industry partnerships for joint R&D, internship and placement activities; Learning forums for improving governance practices, institutional management and reforms; Joint Advisory or consultancy services; any other activities as deemed mutually appropriate)</p>	<p>Twinning arrangements with sub-component 1.1 to build capacity and improved performance (exchange of faculty, officers and technical staffs); Individuals institutional mentors</p>	4,00,000.00	4,00,000.00	<p>Twinning arrangements with sub-component 1.1 to build capacity and improved performance (exchange of faculty, officers and technical staffs); Individuals institutional mentors</p>	2,00,000.00	10,00,000.00
1.3.2.8	<p>Reforms, governance (The activities include: Academic Reforms (ICC, BoS, Academic Council/ Senate, BoG); Accreditation & UGC Autonomy; Student Feedback & Faculty Appraisal, etc)</p>	NIL	-	-	NIL	-	-
1.3.2.9	<p>Management Capacity development (The activities include: Management Capacity Building programmes at IIM; NPIU workshops, etc.)</p>	NIL	-	-	NIL	-	-
1.3.2.10	<p>Hiring Consultancy Services It does not require activity plan (It will be required for all above activities for which the methods given in procurement shall be adopted)</p>	NIL	-	-	NIL	-	-

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		Operating Cost							
1.3.2.11	Industry-Institute Interaction (The activities include: Internships; Industry expert lectures; Placement Activities & Hospitality; Industry Visits, etc.)	Travel costs hospitality and honorarium to industry personnel for delivering expert lectures	4,00,000.00	4,00,000.00	Travel costs hospitality and honorarium to industry personnel for delivering expert lectures	4,00,000.00	1,20,000.00	9,20,000.00	
1.3.3.1	Consumables	Students training materials and other consumables	3,00,000.00	3,50,000.00	Students training materials and other consumables	3,50,000.00	2,93,000.00	9,43,000.00	
1.3.3.2	Operation and maintenance of equipments	Maintenance of equipment including computers and related devices through AMC	15,000.00	15,000.00	Maintenance of equipment including computers and related devices through AMC	15,000.00	15,000.00	45,000.00	
1.3.3.3	Office expenses (The activities include: stationary; printing, etc.)	consumables in TEQIP office; External financial audit for TEQIP funds	50,000.00	50,000.00	consumables in TEQIP office; External financial audit for TEQIP funds	50,000.00	40,000.00	1,40,000.00	
1.3.3.4	Meetings (only project related meetings)	Committee meetings	12,000.00	10,000.00	Committee meetings	10,000.00	10,000.00	32,000.00	
1.3.3.5	Hiring of Vehicles (only for project activities)	NIL	-	-	NIL	-	-	-	
1.3.3.6	Travel Cost (only for project activities)	TA & DA for faculty and staff attending workshops and meeting/training in the procedures as arrange by the NPIU or SPIU	1,00,000.00	1,00,000.00	TA & DA for faculty and staff attending workshops and meeting/training in the procedures as arrange by the NPIU or SPIU	1,00,000.00	1,00,000.00	3,00,000.00	
1.3.3.7	Salary (for TEQIP office staff)	Salaries of full time contact staff only appointed in TEQIP cell for implementation of project	60,000.00	60,000.00	Salaries of full time contact staff only appointed in TEQIP cell for implementation of project	60,000.00	60,000.00	1,80,000.00	
TOTAL								1,77,60,000.00	

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