

**TEQIP-III Annual Action Plan: 2018**

**Subcomponent 1.3: Twinning Arrangement**

**Name of the Institute : DR. SSB University Institute of Chemical Engineering and Technology, Panjab University, Chandigarh**

**(Amount in Rs.)**

Heads		Sub-Heads	Quarter-6						Total Expenditure Estimates
			July, 2018		August, 2018		September, 2018		
			Specific Activities	Estimated Exp.	Specific Activities	Estimated Exp.	Specific Activities	Estimated Exp.	
	1.3.1.1	<b>Equipments</b> (for hostel, sports and any non academic activity not permitted)			Laptops (7 number)	734930.00			734930.00
					Desktop (1 number)	70000.00	Digital ph meter	20000.00	90000.00
					Dekstop (1 number)	99000.00	Lypholizer	400000.00	499000.00
					Printers (ID 558289) (2 number)	29400.00			29400.00
					Desktop Computer (1 number)	91000.00	Teflon lined autoclave	32000.00	123000.00
					Nikon d810 digital slr camera (01 each)	280000.00	Overhead Stirrer (02 number)	50000.00	330000.00
					Ion plus combined plastic liquid membrane Ca ion electrode	93580.00	Muffle furnace with and heating as well as cooling along with nitrogen inert atmosphere (2 number)	200000.00	293580.00
					Fixed volume pipette	15000.00	Borosil multi position stirrers	204000.00	219000.00

Procurement of goods			Multifunctional printer	18611.00			18611.00	
			ISA for Ca ISE ref soln	12000.00			12000.00	
			Traceable Ca ion standard	12520.00			12520.00	
			<b>Total</b>	<b>0.00</b>	<b>Total</b>	<b>1,456,041.00</b>	<b>Total</b>	<b>906,000.00</b>
	1.3.1.2	Learning resources (e-books, e-journals, softwares, text book etc.)	books , e-books	10,000.00	Simualtion games and databases	5,000.00	15000.00	
			HBR one year all access subscription	7,000.00			7000.00	
			Wolfram Mathematica (software) (1 users) (1 year subscription)	100,000.00			100000.00	
			ExceLab (software), 1 year subscription	26,000.00			26000.00	
			Maple 2018 Academics software	129,000.00			129000.00	
			Software for texture analyser	50,000.00			50000.00	
			<b>Total</b>	<b>0.00</b>	<b>Total</b>	<b>322,000.00</b>	<b>Total</b>	<b>5,000.00</b>
	1.3.1.3	Furniture (for hostel, sports and any non academic activity not permitted, but allowed for TEQIP Cell)			Computer table (02)	17,840.00	17840.00	
					Stools for food technology lab	20,000.00	20000.00	
					Revolving chair (02)	16,500.00	16500.00	
			<b>Total</b>	<b>0.00</b>	<b>Total</b>	<b>0.00</b>	<b>Total</b>	<b>54,340.00</b>
	1.3.1.4	Minor civil works (for hostel, sports and any non academic activity not permitted, no new building).			Earthing of PURSE lab	40,000.00	40000.00	

		(repair,maintenance & extension allowed)			Sanitary tanks (02)	46,000.00	Submersible pump	25,033.00	71033.00
			<b>Total</b>	0.00	<b>Total</b>	86,000.00	<b>Total</b>	25,033.00	<b>111033.00</b>
		<b>Total 1.3.1.</b>	<b>Total Check</b>	0.00	<b>Total Check</b>	1,864,041.00	<b>Total Check</b>	990,373.00	<b>2854414.00</b>
1.3.2.1	<b>Improve student learning</b> (The activities include: IIT/ NIT training to students at IIT/NIT or in parent institute; Induction Training; GATE Preparation Classes; Career Counselling, Student Counselling; Psychometric/ 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, Automotive Engineering, 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/NIT; GATE Orientation			0.00	Induction Programme for 1st Year students	200,000.00			200000.00
			<b>Total Check</b>	0.00	<b>Total Check</b>	200,000.00	<b>Total Check</b>	0.00	200000.00
1.3.2.2	<b>Research Assistantships</b> (The activities include: Research Assistantship for full time Ph.D. students excluding QIP candidates, etc.)	Fellowship to 8 PhD students @ 25000 pm plus 20% HRA	240,000.00		Fellowship to 8 PhD students @ 25000 pm plus 20% HRA	240,000.00	Fellowship to 8 PhD students @ 25000 pm plus 20% HRA	240,000.00	720000.00
		<b>Total</b>	240,000.00	<b>Total</b>	240,000.00	<b>Total</b>	240,000.00	<b>Total</b>	720000.00



1.3.2.6	<b>MOOCs and digital learning</b> (The activities include: Certification fees for online courses (MOOC's); Development of MOOC's/ Online courses, etc.)						0.00	
		<b>Total</b>	0.00	<b>Total</b>	0.00	<b>Total</b>	0.00	
1.3.2.7	<b>Mentoring/Twinning system</b> (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)			Exchange of students, advisory committee meeting	50,000.00	3 day Workshop on Research Methodology for mentor and mentee institution	400,000.00	450000.00
		Hospitality of faculty visiting host institution	10,000.00					10000.00
		<b>Total</b>	10,000.00	<b>Total</b>	50,000.00	<b>Total</b>	400,000.00	460000.00

1.3.2.8	<b>Reforms, governance</b> (The activities include: Academic Reforms (ICC, BoS, Academic Council/ Senate, BoG); Accreditation & UGC Autonomy; Student Feedback & Faculty Appraisal, etc)	BOG Meeting	50,000.00	Upgradation of institute website	25,000.00	BOG meeting	50,000.00	125000.00
		<b>Total</b>	<b>50,000.00</b>	<b>Total</b>	<b>25,000.00</b>	<b>Total</b>	<b>50,000.00</b>	<b>125000.00</b>
1.3.2.9	<b>Management Capacity development</b> (The activities include: Management Capacity Building programmes at IIM; NPIU workshops, etc.)	Workshops/ Mandatory meetings/ NPIU meetings	10,000.00	Workshops/ Mandatory meetings/ NPIU meetings	10,000.00	Workshops/ Mandatory meetings/ NPIU meetings	10,000.00	30000.00
		<b>Total</b>	<b>10,000.00</b>	<b>Total</b>	<b>10,000.00</b>	<b>Total</b>	<b>10,000.00</b>	<b>30000.00</b>
1.3.2.10	<b>Hiring Consultancy Services</b> It does not require activity plan (It will be required for all above activities for which the methods given in procurement shall be adopted)	Hiring of internal auditor	30000.00	Hiring of internal auditor	30000.00	Hiring of internal auditor	30000.00	90000.00
		<b>Total</b>	<b>30,000.00</b>	<b>Total</b>	<b>30,000.00</b>	<b>Total</b>	<b>30,000.00</b>	<b>90000.00</b>
1.3.2.11	Industry-Institute Interaction (The activities include: Internships; Industry expert lectures; Placement Activities & Hospitality; Industry Visits, etc.)	Placement activities/ hospitality of companies visiting for placement	10000.00	Expert lecture for UG and PG students	30,000.00	Expert lecture in Food technology	30,000.00	70000.00
		<b>Total</b>	<b>10,000.00</b>	<b>Total</b>	<b>30,000.00</b>	<b>Total</b>	<b>30,000.00</b>	<b>70000.00</b>
<b>Total 1.3.2.</b>		<b>Total Check</b>	<b>540,000.00</b>	<b>Total Check</b>	<b>920,000.00</b>	<b>Total Check</b>	<b>1,080,000.00</b>	<b>2540000.00</b>
1.3.3.1	Consumables			Reference Fill Solution A for CalSE 5*60 ml pack	15,750.00			15750.00

Operating Cost	1.3.3.2	Operation and maintenance of equipments		Replacement of old batteries for UPS/ lanterns	50,000.00	Maintenance of sophisticated instruments	40,000.00	90000.00	
	1.3.3.3	<b>Office expenses</b> (The activities include: stationary; printing, etc.)	Stationary/ printing/ photocopies/ file maintenance etc.	15,000.00	Stationary/ printing/ photocopies/ file maintenance etc.	25,000.00	Stationary/ printing/ photocopies/ file maintenance etc.	25,000.00	65000.00
			<b>Total</b>	<b>15,000.00</b>	<b>Total</b>	<b>25,000.00</b>	<b>Total</b>	<b>25,000.00</b>	<b>65000.00</b>
	1.3.3.4	<b>Meetings</b> (only project related meetings)	Project Meetings	10,000.00	Project Meetings	10,000.00	Project Meetings	10,000.00	30000.00
	1.3.3.5	<b>Hiring of Vehicles</b> (only for project activities)		0.00		0.00		0.00	0.00
	1.3.3.6	<b>Travel Cost</b> (only for project activities)	Visit of faculty members to mentee institution	150,000.00		0.00		0.00	150000.00
	1.3.3.7	<b>Salary</b> (for TEQIP office staff)	Salary (for TEQIP office staff) Accounts officer @ Rs. 35000 pm, 1 Project officer @ 50000, 1 Computer Information Assistant @ Rs. 20500	105,500.00	Salary (for TEQIP office staff) Accounts officer @ Rs. 35000 pm, 1 Project officer @ 50000, 1 Computer Information Assistant @ Rs. 20500	105,500.00	Salary (for TEQIP office staff) Accounts officer @ Rs. 35000 pm, 1 Project officer @ 50000, 1 Computer Information Assistant @ Rs.	105,500.00	316500.00
			<b>Total</b>	<b>105,500.00</b>	<b>Total</b>	<b>105,500.00</b>	<b>Total</b>	<b>105,500.00</b>	<b>316500.00</b>
		<b>Total 1.3.3.</b>	<b>Total</b>	<b>280,500.00</b>	<b>Total</b>	<b>206,250.00</b>	<b>Total</b>	<b>180,500.00</b>	<b>667250.00</b>
<b>TOTAL</b>			<b>820,500.00</b>		<b>2,990,291.00</b>		<b>2,250,873.00</b>	<b>6061664.00</b>	<b>6061664.00</b>