JSS Mahavidyapeetha

Sri Jayachamarajendra College of Engineering Mysore – 570 006

(Autonomous institution under Visvesvaraya Technological University, Belgaum)

Proceedings for 2nd BoG Subcommittee Meeting
Scheduled on 02.05.2018

S2.1. Dr. T.N. Nagabhushan, Principal welcomed members of Sub-committee of Board of Governors of Technical Education Quality Improvement Programme (TEQIP) Phase - III, a World Bank assisted project under NPIU. Principal made presentation on amount allocated and expenditure made for Quarter-4 of 2017-18 and Quarter-1 of 2018-19. He also apprised the committee on progress made in TEQIP-III till date. This was followed by discussion on agenda & notes.

S.2.2 REPORT ON PROGRESS TOWARDS TEQIP-III FUNDING TILL DATE

2.2.1   Report on Financial Status of TEQIP-III Grants

Summary of Expenditure under Permissible Components of TEQIP-III

Components	Q4 2017-18 Jan-March in Rs.	Q1 2018-19 April in Rs.	Components wise Total in Rs.
1. 3.1 - Procurement of Goods	0.00	0.00	0.00
1. 3.2 - Academic Processes	7,18,598.00	2,44,661.00	9,63,259.00
1. 3.3 - Operating Costs	86,020.00	1,04,488.00	1,90,508.00
Total	**8,04,618.00**	**3,49,149.00**	**11,53,767.00**

For the Fourth quarter (Q4) from Jan – March of the year 2017-18, the amount released from NPIU was **Rs. 48,62,600.00.** The details of expenditure made through PFMS are shown in the following table.

	Components of allocation Q4 of 2017-18	Allocation Amount in Rs.	Expenditure Amount through PFMS
1.3.1 - Procurement of goods	1.3.1.1 - Equipments	0.00	0.00
	1.3.1.2 - Learning resources	9,84,000.00	0.00
	1.3.1.3 - Furniture	20,500.00	0.00
	1.3.1.4 - Minor civil works	0.00	0.00
1.3.2 - Academic Processes	1.3.2.1 - Improve Students Learning	2,87,000.00	1,52,666.00
	1.3.2.2 - Assistantships	0.00	0.00
	1.3.2.3 - Graduates Employability	2,13,200.00	16,655.00
	1.3.2.4 - Faculty/Staff Development and Motivation	11,48,000.00	5,24,277.00
	1.3.2.5 - Research and development	7,46,200.00	0.00
	1.3.2.6 - MOOCs and digital learning	0.00	0.00
	1.3.2.7 - Mentoring/Twinning system	5,74,000.00	0.00
	1.3.2.8 - Reforms and Governance	1,80,400.00	0.00
	1.3.2.9 - Management Capacity Development	1,23,000.00	0.00
	1.3.2.10 - Services	0.00	0.00
	1.3.2.11 - Industry-Institute Interaction	1,51,700.00	25,000.00
1.3.3 - Operating Costs	1.3.3.1 - Consumables	20,500.00	8,732.00
	1.3.3.2 - Operation & Maintenance of Equipments	0.00	0.00
	1.3.3.3 - Office Expenses	12,300.00	8,086.00
	1.3.3.4 - Meetings	57,400.00	1,702.00
	1.3.3.5 - Hiring of vehicles	1,23,000.00	0.00
	1.3.3.6 - Travel cost	1,23,000.00	0.00
	1.3.3.7 - Salary	98,400.00	67,500.00
Total		**48,62,600.00**	**8,04,618.00**

For the first quarter (Q1) from April to June 2018 of the year 2018-19 the amount released from NPIU is Rs. **1,00,15,000.00**. The details of expenditure made through PFMS in the month of April 2018 are shown in the following table.

	Components of allocation Q1 of 2018-19	**Allocation Amount in Rs.**	**Expenditure Amount through PFMS April 2018**
1.3.1-Procurement of goods	1.3.1.1 - Equipments	40,00,000.00	0.00
	1.3.1.2 - Learning Resources	17,00,000.00	0.00
	1.3.1.3 - Furniture	50,000.00	0.00
	1.3.1.4 - Minor civil works	0.00	0.00
1.3.2 - Academic Processes	1.3.2.1 - Improve Students Learning	3,25,000.00	0.00
	1.3.2.2 - Assistantships	5,00,000.00	0.00
	1.3.2.3 - Graduates Employability	1,90,000.00	9723.00
	1.3.2.4 - Faculty/Staff Development and Motivation	12,00,000.00	1,00,451.00
	1.3.2.5 - Research and Development	1,00,000.00	0.00
	1.3.2.6 - MOOCs and digital learning	50,000.00	0.00
	1.3.2.7 - Mentoring/Twinning System	5,00,000.00	1,34,467.00
	1.3.2.8 - Reforms and Governance	1,25,000.00	0.00
	1.3.2.9 - Management Capacity Development	3,00,000.00	0.00
	1.3.2.10 - Services	0.00	0.00
	1.3.2.11 - Industry-Institute Interaction	3,50,000.00	0.00
1.3.3 - Operating costs	1.3.3.1 - Consumables	75,000.00	0.00
	1.3.3.2 - Operation & Maintenance of Equipments	35,000.00	408.00
	1.3.3.3 - Office Expenses	15,000.00	0.00
	1.3.3.4 - Meetings	1,00,000.00	74,385.00
	1.3.3.5 - Hiring of vehicles	75,000.00	13,149.00
	1.3.3.6 - Travel cost	75,000.00	1,546.00
	1.3.3.7 - Salary	2,50,000.00	15,000.00
Total		**1,00,15,000.00**	**3,49,129.00**

2.2.2 Action taken on relevant points of previous BoG Sub-Committee Meeting:

Procurement:

The following equipments and learning resources have been entered in PMSS and sent for approval to NPIU. NPIU suggested to plan for procurement of equipments and learning resources to an amount not less than Rs. 150 lakhs. Accordingly, procurement plan has been prepared after receiving the requirements from different departments.

Department of Civil Engineering:

1. Total Stations – 4 Nos.   Estimated Cost: Rs. 17,00,000.00
2. Highway Materials Testing Equipment   Estimated Cost: Rs. 5,00,000.00

Library and Information Centre:

1. E- Shodhsindhu Consortium - J Gate for AICTE   Rs.   60,000.00
2. E journals package renewal
   (ASTM, ASME, Science Direct, VTU consortium membership fee)
   ASTM Digital Library – Estimate Cost is   Rs.1,05,556.00
   ASME e - Journals   Estimate cost is   Rs. 2,28,483.00
   Science Direct
   a. Bio Technology   - 70 Journals Estimated cost is   Rs. 4,22,247.00
   b. Environmental Engg   - 60 Journals Estimated cost is   Rs. 4,75,057.00
   c. Chemical Engg   - 30 Journals Estimated cost is   Rs. 3,16,705.00
   Total   **Rs.16,08,048.00**

The above packages have been entered in PMSS except VTU consortium membership fee of Rs. 2,00,000.00 which is considered now under **"Improve Student Learning"** head.

The committee informed the TEQIP to establish smart class room/studio for webcasting of Video lectures. A proposal in this regard has been prepared and kept for approval.

Academic Activities

The following are the activities carried out so far under TEQIP-III:

➢ Students of E&C department participated in a competition held at IISc, Bangalore between 17th to 19th Jan 2018.

➢ Students of E&C department participated in an entrepreneur workshop held at IIT, Bombay between 27th and 28th Jan 2018.

➢ Final year students of PST presented a Technical Paper at 3rd International conference (I-DAD 2018) to be held at Vel-Tech University, Chennai during 22nd to 25th Feb 2018.

➢ Dr. T.H. Udayashankara coordinator of startup cell attended a workshop on "Start Up activities and preparation of action plan" held at MNIT, Jaipur between 8th and 9th Jan 2018.

- Dept of Instrumentation Technology conducted a finishing school on "Health Care Technology" between 17th Feb to 24th March 2018. The event was Coordinated by Dr. Shailaja K and Dr. Umarani K.

- Training and Placement Cell conducted campus recruitment training for M.Tech batch students on 21.02.2018.

- Gayathri H. M, Asst. Professor, Dept of Electronics and Communication attended GIAN Course on "Development of Micro Structure and Nano Structure by vapour deposition and its Electrical and Optical Characterization" held at NIT, Durgapura between 22.01.2018 to 26.01.2018.

- Supreetha M. Asst. Professor, Dept of Electronics and Communication attended GIAN Course on Development of Micro structure and Nano structure by vapour deposition and its Electrical and optical characterization held at NIT, Durgapura between 22.01.2018 to 26.01.2018

- Dr. Siddaramaiah, Professor & Head, Dept of PST delivered an invited talk at the international Conference on Design, Materials and Manufacture (ICDEM 2018) held at NITK, Surathkal on 30th and 31st Jan 2018.

- Mr. M.P Chandresh attended International Conference and Exhibition on "PLASTINDIA 2018" held at Gandhinagar, Gujarat between 7th to 12th Feb 2018.

- Dr. Pushpa Tuppad, Associate Professor, Dept of Environmental Engg, has made institutional registration with IMD for Meteorological Data access for research work related to hydrology and water resource management.

- Dr. Siddaramaiah, Professor & Head, Department of PST applied for file patent search from ALMT, Bengaluru.

- Students of Civil Engineering visited Water Treatment Plant at Thorekadanahalli on Construction Material Industry around Mysore on 17.10.2017.

Research Assistantship

As per the recommendations of BoG Sub Committee, a committee has been formed to prepare the norms for providing Research Assistantship for full time Ph.D. registrants and providing seed money for R&D projects as well as selection of peer reviewed journal papers for funding.

Following workshops/symposia and GIAN course were conducted under TEQIP – III

SI No	Event Name & Coordinator	Dates	Department
1.	Distinguish Lecture (Special Lecture) on "Established Emerging and Non Conventional 2D Materials Devices and Technology" Coordinator: Dr. Rudraswamy S B, Dept of E&C	05.01.2018	E&C
2.	Recent trends in "Nano Materials for Energy and Electronic Applications" Coordinator: Dr. Veena M.G Dept of E&C	11.01.2018 & 12.01.2018	E&C
3.	Symposium on "Water Safety and Sanitation Value", Coordinator: Dr. B Manoj Kumar, Dept of ENV	16.01.2018	ENV
4.	Distinguish Lecture (Special Lecture) on "Material and Device Challenges for future CMOS Technologies" Coordinator: Dr. Rudraswamy S B Dept of E&C	19.01.2018	E&C
5.	Workshop on "Advanced Analytical Techniques for Polymer Characterization" Coordinator: Dr. Siddaramaiah Dept of PST	29.01.2018	PST
6.	National Conference on "Advanced Materials for Health & Environment" Coordinator: Dr. P Mallu, Dept of Chemistry	23.03.2018 To 24.03.2018	Chemistry
7.	Workshop on "Internet Design Evolution from Data to Multimedia Applications" Coordinator: Dr. Shreekanth . T Dept of E&C	16.03.2018 To 17.03.2018	E&C
8.	National workshop on "Recent Advances in Geo Techniques for Infrastructure (RAGI-18)" Coordinator: Dr. S.K Prasad, Dept of Civil	06.03.2018	Civil
9.	Guest lecture on "Construction Equipments Management" Coordinator: Dr. P.S. Raghuprasad, Dept of CTM	19.03.2018	CTM
10.	Technical lecture on "Mechanical Aspects of Electrical Machine Design" Coordinator: Dr. K.T Veeramanju, Dept of E&C	22.02.2018	E&EE
11.	GIAN course on "Interactive Machine Translation" Coordinator: Dr. M. A Anusuya Dept of Physics	19.12.2017 to 30.12.2017	CS
12.	GIAN course on "Neuromorphic Architectures" Coordinator: Dr. S.K. Padma Dept of IS	19.12.2017 to 30.12.2017	IS
13.	GIAN course on "Applied electrostatics and Non Thermal Plasma for Environmental Application and Control of Bio Particles" Coordinator: Dr. A. D. Srinivasan Dept of E&EE	21.12.2017 to 25.12.2017	E&EE

SI No	Event Name & Coordinator	Dates	Department
14.	GIAN course on "Radiomics, Pthomics and Deep Learning for Disease Diagnosis, Prognosis and Treatment Evaluation on Digital Pathology, CT and MRI Scans" Coordinator: Dr. P.M Shivamurthy, Dept of IS	26.12.2017 to 30.12.2017	CS
15.	GIAN course on "Advanced Bio Medical Signal Processing" Coordinator: Dr. Anil Kumar K M , Dept of CS	02.01.2018 to 13.01.2018	CS
16.	GIAN course on "Natural Language Processing and Text Analytics" Coordinator: Dr. Anil Kumar K M , Dept of CS	15.01.2018 to 26.01.2018	CS

2.2.3 Mentoring/Twinning System and Project Related Meetings

Dr. B Manoj Kumar visited NPIU office and attended a meeting on 12th Jan 2018 to discuss on progress made on Twinning arrangements between Mentor and Mentee Institute.

A team comprising of Dr. T.N. Nagabhushan, Principal, Dr. B Manoj Kumar, TEQIP coordinator and Dr. Srinath, Nodal officer (Procurement) visited NPIU office and Mentee institute between 23rd to 25th Jan 2018 to discuss twinning system and prepared an action plan for two quarters commencing from Jan to June 2018.

Dr. T. N. Nagabhushan, Principal, attended workshop on "Outcome based education and National Board of Accreditation" held on 8th and 9th Feb 2018 at AICTE Auditorium, New Delhi.

A Team comprising of Principal Dr. A. K. Chaturvedi, Prof. Ajit Kumar Joshi, HOD (Mech.) Prof. Shailender Sharma, Associate Professor & TEQIP-III Coordinator, MLV Textile and Engineering College, Bhilwara, Rajasthan Mentee institute visited SJCE on 27th and 28th March 2018. The team visited different departments and had discussion with Head of the departments on joint activities to be done under twinning system of TEQIP-III. The team also had discussion with the Vice Chancellor, Registrar and Principal regarding progress made under twinning system and proposed possible activities.

S2.3 Agenda Notes:

S 2.3.1 Head: Procurement of Goods and Learning Resources
(**Equipments** (for hostel, sports and any non academic activity not permitted); **Learning resources** (e-books, e-journals, softwares, text book etc.); **Furniture** (for hostel, sports and any non academic activity not permitted, but allowed for TEQIP Cell); **Minor civil works** (for hostel, sports and any non academic activity not permitted, no new building), (repair, maintenance & extension allowed))

A detailed procurement plan for equipment and learning resources was invited for the entire institution from different engineering departments. The details are as follows:

Sl No	Equipments details	Equipment /learning resources	Quantity	Approximate amount in Rs.
**Department of Electronics and Communication**
1.	Dell Desktop optiplex 7050 MT	Equipment	20	*
2.	Visual TCAD & Genius Devices Simulator	Learning resource	01 Licence +01 GUI	7,00,000.00
3.	ARM Cortex M3 1768 Evaluation Board	Equipment	10	1,00,000.00
4.	Cadence UG /3 years /10 users Analog & Digital FE & BE *UG3Y10L	Learning resource	10 Licenses	7,90,600.00
5.	Digital Communication Trainer kits	Equipment	11	2,42,000.00
6.	DC, Micro voltmeters	Equipment	4	8,000.00
7.	Optical Fiber Trainer Kit	Equipment	1	1,60,000.00
8.	Multimeters	Equipment	10	50,000.00
9.	Function Generator	Equipment	5	1,50,000.00
10.	Regulated Power Supplies	Equipment	5	1,50,000.00
11.	Microwave bench set in the X band with accessories	Equipment	1	1,50,000.00
12.	Digital Electronics Lab equipments Patch chords and Digital IC trainer Kit (10 Kits)	Equipment	100 pairs 10 kit	1,17,500.00
13.	IOT Kit		15	1,05,000.00
\multicolumn{4}{c	}{**Total**}	**27,23,100.00**
**Department of Electrical and Electronics Engineering**
1	Desktop computers	Equipment	20	*
2	Server	Equipment	01	1,25,000.00
3	Projector	Equipment	02	*
\multicolumn{4}{c	}{**Total**}	**1,25,000.00**

Sl No	Equipment	Equipment /learning resources	Quantity	Approximate amount in Rs.
**Department of Environmental Engineering**				
1	COD Digester with Vials (300 numbers	Equipment	6	320000.00
2	Turbidity Meter	Equipment	02	30,000.00
3	Digital conductivity Meter	Equipment	02	30,000.00
4	BOD incubator	Equipment	02	1,20,000.00
5	Magnetic Stirrer with Hot Plate	Equipment	04	80000.00
6	Auto clave	Equipment	01	1,50,000.00
7	Refrigerator	Equipment	02	1,20,000.00
8	DC Power Supply units	Equipment	02	1,00,000.00
9	Desk Top Computers	Equipment	30	*
10	LCD Projectors	Equipment	02	*
**Total**				**9,50,000.00**
**Department of Instrumentation Technology**				
1.	Desktop Computers	Equipment	40	*
2.	LCD Projectors	Equipment	2	*
3.	Embedded Systems 1.Raspberry Pi 3 model B 2. Arduino Uno R3 Board Tarter kit 3. Sensors	Equipment	10 10 10	2,00,000.00
4.	PLC	Equipment	02	3,00,000.00
5.	Bottle Filling	Equipment	01	
6.	Elevator	Equipment	01	
7.	8051Flashboard ED 2 Kits with P5	Equipment	5	30000.00
8.	Key Board interface	Equipment	2	3000.00
9.	LED interface	Equipment	02	3000.00
10.	Multi output power supply	Equipment	10	160000.00
11.	Dual channel Cathode ray Oscilloscope	Equipment	10	195000.00
12.	Multimeter	Equipment	10	25000.00
13.	Function generator	Equipment	10	100000.00
14.	Digital IC trainer kits	Equipment	10	100000.00
15.	Milli-Ammeter table top	Equipment	10	25000.00
16.	Micro-Ammeter table top	Equipment	10	25000.00
17.	Bio medical simulator	Equipment	01 set	55000.00
**Total**				**12,21,000.00**

Sl No	Equipment	Equipment /learning resources	Quantity	Approximate amount in Rs.
Department of Industrial Production				
1.	Desktop Computers	Equipment	30	*
2.	Calipers (Digital) L.C:0.01 mm, L.C:0.01mm	Equipment	3	**108000.00**
3.	Depth Gauge (digitalL.C0.01	Equipment	2	
4.	Height Gauges (Digital)	Equipment	1	
5.	External Micrometers of Analog	Equipment	2	
6.	Stick Micrometer	Equipment	2	
7.	Internal Micrometer	Equipment	2	
8.	Depth Micro meter	Equipment	3	
9.	Dial Gauge Punger Type	Equipment	2	
10.	Dial comparator	Equipment	1	
11.	Dial Gauge	Equipment	9	
12.	Bore Gauge	Equipment	2	
13.	Dial Thickness Gauge	Equipment	2	
14.	Micrometer Head	Equipment	1	
15.	Glass scale	Equipment	1	
16.	Bevel Protractor	Equipment	1	
17.	Combination set	Equipment	4	
18.	Steel Scale	Equipment	4	
19.	Floating Carriage Diameter mach.	Equipment	1	
20.	Pistol calliper	Equipment	5	
21.	Leg calliper	Equipment	5	
22.	Comparator /Dial stand	Equipment	1	
23.	slip gauge	Equipment	1 set	
24.	Calliper checker	Equipment	1	
25.	Optical flats	Equipment	2	
Total				**1,08,000.00**
Department of Computer Science and Engineering				
1.	Computers Intel I7 Processor	Equipment	45	*
2.	Portable Projector	Equipment	2	*
Department of Information Science and Engineering				
3.	Computers Intel I7 Processor	Equipment	40	*
4.	High End Computational Device 7th Generation Intel	Equipment	45	*
Department of Physics				
5.	Desktop Computers		04	*
6.	Multimedia Projector		01	*
Department of Chemistry				
1.	pH meter	Equipment	04	32000.00
2.	Potentio Meter	Equipment	04	32000.00
3.	Conductivity meter	Equipment	04	36000.00
4.	Electronic Balance	Equipment	01	1,20,000.00
5.	UV- visible spectro meter	Equipment	01	8,00,000.00
6.	Ultra probe sonicator	Equipment	01	4,00,000.00
7.	Centrifuge	Equipment	01	1,00,000.00
Total				**15,20,000.00**
Library and information center (Equipment)				
1.	Computers Intel i5 Processor	Equipment	20	*
2.	Bluetooth Scanner	Equipment	20,355	20,355.00
Total				**20,355.00**

Summary of fund request for Equipment and Learning resources from different departments
Fund available under Procurement in Indian Rupees: 350,00,000.00 (3.50 Crore)

Table 1 Procurement of Equipment and learning resources from different dept. (Except Computers, projectors and laptops)

Sl. No.	Department	Fund requested
1.	Civil Engineering (Approved in the first BoG Sub Committee Meeting)	22,00,000.00
2.	Library (Learning Resource) (Approved in the first BoG Sub Committee Meeting)	16,08,048.00
3.	Electronics and Communication	27,23,100.00
2.	Electrical and Electronics Engineering	1,25,000.00
3.	Environmental Engineering	9,50,000.00
4.	Instrumentation Technology	12,21,000.00
5.	Industrial Production	108000.00
6.	Computer Science and Engineering	*
7.	Information Science and Engineering	*
	Library and Information Center (Equipment)	20,355.00
8.	Physics	*
9.	Chemistry	15,20,000.00
	Total	**104,75,503.00**

* Desktop computers and LCD projectors considered at institution level.

Desktop computers, LCD projectors, Smart Seminar Hall Equipments and laptops will be procured under institution level. The details are as follows:

Table 2: Procurement of equipments at institution level

Sl No	Equipment	Quantity	Rate per unit	Approximate amount in Rs.
1.	Desktop Computers	300	50,000.00	150,00,000.00
2.	LED Projectors	20	60,000.00	12,00,000.00
3.	Laptop	8	90,000.00	7,20,000.00
4.	Smart Seminar Hall with Audio/Video editing facility	1 Setup	57,30,000.00	57,30,000.00
5.	Office Chairs	5	15,000.00	75,000.00
6.	Presenter(slide changer) and audio recorder	2 Numbers each	10,000.00	20,000.00
7.	File Case rack	1	20,000.00	20,000.00
	Total			**227,65,000.00**

Fund Available under Procurement Head   **: Rs. 350,00,000.00**
Total amount for procurement is (sum of Table 1&2)   **: Rs. 332,40,503.00**

Details are provided in Annexure -1

Recommendation:
The committee members discussed in length about procurement to be made for different Departments. The committee members discussed about procurement of computers and suggested that detailed specification along with justification is required.

The members also discussed about procurement of learning resources (Software) and suggested that the department should follow SJCE guidelines for purchase of softwares. They also suggested that routine equipments required by different departments should be avoided. They suggested that the procurement should lead to generation of IRG, utilization for consultancy as well as for R&D and academic related activities. The committee members suggested to establish a full pledged smart class room/ studio with provisions of recording, editing etc. The Committee approved the proposal from Department of Information Science and Engineering (DATA Science and Machine Learning Laboratory). The Committee members suggested to take up the proposal from Departments of Mechanical Engineering and Industrial Production Engineering (Modernization of Metrology Laboratory and CAD/CAM/PLM Laboratories) for the next meeting. The committee suggested that a revised procurement plan needs to be prepared and submit for approval in the next BoG Sub Committee Meeting.

 Approved with suggestions mentioned in recommendation.

S2.3.2 Head: Academic Processes

S2.3.2.1 Improve Student Learning
(Activities include: IIT/ NIT training to students at IIT/NIT or in parent institute; Induction Training; GATE Preparation Classes; Career Counseling, Student Counseling; 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 Programme, etc.)

Training and Placement office has conducted a 4 day workshop on **"Julia computing"** for 3rd year CS/IS/ECE students totaling to 40 students. The program was conducted between 02.03.2018 to 05.03.2018. The estimated cost is Rs. 40,000/-.

Dept of E&C conducted NOKIA Tech Talk, a training programme for students of SJCE on 16th March 2018. Around 120 students from circuit branches attended the programme. The estimated cost is Rs. 10,000/-

Dept of Computer Science and Engineering arranged an invited talk for students on "Advances in Compilers and Research Avenues" by Mr. Prashanth, IISc, Bangalore on 24.03.2018.   The estimated cost is Rs. 10,000/-

Library and Information Center has made a request for payment of VTU Consortium fee for the year 2018. The cost is Rs. 2,00,000.00.

Library and Information Center has made a request for payment of DELNET Annual Intuitional Membership renewal fees for the year 2018-19. The cost is Rs. 13,570.00

SJCE has been identified as National Cyber Defence Resource Center. The registration fees for annual subscription is Rs. 17,700/-

Library and Information Center has made request for payment of membership fees of Rs. 100000.00 (One Lakh) to Current Science Association, Bangalore (as per VTU letter No. D.O No.1-12/2017(CM), Dt: 19.12.2017)

Department of CTM conducted a National Level Symposium on "Tantragyaan –2018" on 9th and 10th April 2018 coordinated by Dr. G.P. Chandradhara, Professor & Head. The estimated cost is Rs. 1,12,000.00

Recommendation

The committee suggested to prepare activities on priority under this head. The committee approved the proposals from different departments for conducting training programmes, symposium, invited talks as well registration and membership.

Approved

S2.3.2.2 Research Assistantships
(*Activities include: Research Assistantship for full time Ph.D. students excluding QIP candidates, etc.*)

As per the recommendations of first BoG Sub-Committee the following committee has been formed to prepare the norms for providing Research Assistantship for full time Ph.D. and providing seed money for R&D projects as well as selection of peer reviewed Journal papers for funding.

Dr. K Prakash, Professor & Head Dept of Civil Engineering	-	Chairman
Dr. K T Veeramanju, Professor & Head Dept of Electrical and Electronics Engineering	-	Member
Dr. Srinidhi, Professor & Head Dept of Mechanical Engineering	-	Member
Dr Siddaramaiah, Professor & Head Dept of Polymer Science and Technology	-	Member
Dr. Nagendraprasad, Associate Professor & Head Dept of Bio Technology	-	Member
Dr. S. K Prasad, Professor Dept of Civil Engineering	-	Member
Dr. Sudarshan Patil Kulkarni, Professor, Dept of Electronics and Communication Engg	-	Member

Recommendation

The committee suggested to prepare the expenditures involved for research assistantship for full time Ph.D students by considering present student and students who will be admitted in the year 2018-19 & 2019-2020. The committee approved the formation of a subcommittee to prepare the norms for providing research assistantship for full time Ph.D and providing seed money for R& D projects as well as selection of pre reviewed journal papers.

S2.3.2.3 Graduates employability
(*Activities include: Start up activity; Soft Skill training (Industry Readiness); Finishing Schools, etc.)*

An inaugural workshop of SJCE Start-up cell was conducted on 06.04.2018 to sensitize the students and faculty of SJCE about the cell's activity. The estimated cost for conducting this workshop is Rs. 13,950.00.

Recommendations

The committee approved the conduction of the above said workshop.

S2.3.2.4 Faculty/Staff Development and motivation
(*Activities include: Short Term Training Programmes (STTP) in house; Registration 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 Up gradation; Support Staff training, etc.)*

For the following workshops and courses organized at SJCE, the actual amount spent is more than the approved budgeted amount as shown below:

SI No	Event Name & Coordinator	Date	Dept.	Budgeted Amount in Rs	Actual Amount Spent in Rs
1.	Workshop on Advanced Analytical Techniques for Polymer Characterization Dr. Siddaramaiah	29.01.2018	PST	34,000.00	38,489.00
2.	Mechanical Aspects of Electrical Machine Design Dr. K.T. Veeramanju	Feb – 2018	E&EE	10,000.00	10,152.00

GIAN courses:

Sl No	Title of the Course and Name of the course co-ordinator	Date	Estimated Budget	Actual amount Spent in Rs
1.	Interactive Machine Translation Dr. M. A. Anusuya	19.12.2017 to 30.12.2017	95,000.00	95,220.00
2.	Advanced Bio Medical Signal Processing Dr. Anil Kumar K. M.	02.01.2018 to 13.01.2018	95,000.00	97,920.00
3.	Natural Language Processing and Text Analytics Dr. Anil Kumar K. M.	15.01.2018 to 26.01.2018	95,000.00	1,15,311.00

Recommendations

Approval was accorded for considering the actual amount spent for different activities mentioned in the above table.

WORKSHOPS ORGANIZED/ PROPOSED

Proposals were received from different departments for conducting workshops/ conferences/ GIAN course/Symposia under TEQIP-III assistance. The details are shown below:

SI No	Coordinator Name & Dept	Event Title	Resource person details	Date	Amount in Rs
			Courses already conducted		
1.	Dr. Siddaramaiah Dept of PST	X-ray diffractometer a tool to characterize crystalline material	Kriss Leftwich Application Scientist, M/s PROTO Manufacturing, Canada	12.02.2018	2400.00
2.	Dr. Siddaramaiah Dept of PST	Technical Talk and interaction session on Engineering Application of Materials	Dr. S.K De, Former Professor at IIT Kharagpur and Dr. Anil K Bhowmich former Director of IIT Patna	17.02.2018	3000.00
3.	Dr. S.K Padma Dept. of IS& E	TCS Tech Bytes programme	TCS officials	08.03.2018	25200.00
4.	Dr. K.M Anil Kumar Dept of CS&E	FDP Cyber Security and internet of Things	Dr. Rajan , Dr. Prasanat Misra, TCS, Bangalore	10.03.2018	10,000.00
5.	Dr. V Udyashankar Dept of IT	Technical ELITES – 2018	Smt. Sowmya Achar, IAS, Income tax department Bangalore	24.03.2018	10162.00
6.	Dr. Siddaramaiah Dept of PST	workshop on Injection molding and Beyond	Mr. Ameresh, Mr. Ravishankar, Mr. Udayashankar	24.03.2018	15000.00
7.	Dr. Harish B S Dept. of IS& E	One day National Seminar on Indian Language Computing		27.03.2018	60000.00
8.	Dr.G.P. Chandradhara Dept of CTM	Building Information Modeling (BIM)	Chetan V Asst. Manager, L&T, Mysuru	17.04.2018	2300.00

		Courses to be conducted			
9.	Dr. K.T Veeramanju Dept of E&EE	Optimization Techniques Applications to Power Management	Dr. M.T Arvind, Amplebit Energy Solutions Pvt. Ltd, Bangalore	25.04.2018	10,000.00
10.	Dr. K.M Anil Kumar Dept of CS&E	FDP on Data Science and Big Data Analytics		23.04.2018 & 24.04.2018	16,000.00
11.	Dr. M. P Pushpalatha Dept of CS&E	National Workshop on Capacity Building of Women Managers in Higher Education	Prof. Reicha Tanwar, Kurukshetra University Prof. Ramsshri, &Usha Rani, SV University, Tirupathi, K G Uma, Bangalore University, Bangalore Etc.,	04.06.2018 To 08.06.2018	2,60,000.00
12.	Dr. B S Harish Dept of IS&E	Workshop on Data Analytics and Learning	Sr. Manjunath S & Dr. Dinesh R Samsung Bengaluru	10.06.2018	1,00,000.00
13.	Dr. Siddaramaiah Dept of PST	GAIN course on "Emerging Intelligent Polymer Materials from Science to Industrial Application"	Prof.Prashantha Kalappa, Institute Mines –Telecom, Lille Douai, France	16.07.2018 To 27.07.2018	1,20,000.00
14.	Dr. G Mallesh Dept of Mechanical Engg	GAIN course on "Application of Finite Element Methods in Design and Development Of Mechanical Components"	Li. Shimane Japan	July- 2018	1,20,000.00

Proposals have been received from faculty and staff members of different departments for permission to attend the training programmes/symposia/workshops/conferences as well as to present technical talks.

SL No	Name of the faculty & Dept	Date	Title of Training	Venue	Estimated Amount in Rs
1.	Basappa K.L Librarian	16.02.2018 & 17.02.2018	KSCLA National Conference on Libraries with no boundaries	Kuvempu University Shakaragatta, Shivamogga.	4000.00
2.	Vinay M Dept of E&EE	20.02.2018	A View platform	VTU, E- learning Centre, Bangalore	1090.00
3.	Deepa S N Dept of E&EE	20.02.2018	A View platform	VTU, E- learning Centre, Bangalore	1090.00
4.	Dr Siddaramaiah Dept of PST	21.02.2018 & 22.02.2018	Outcome based Education to deliver the Lecture	Govt. Engg College, Banswara, Rajastan	7500.00
5.	Basappa K.L Librarian	17.03.2018 To 25.03.2018	Cloud computing application in libraries	NITTTR, Chandigarh	25500.00
6.	Dr. S.K. Padma Dept of IS	25.02.2018 To 28.02.2018	Workshop on Outcome Based Education	Government Engg College, Ajmer, Rajasthan	6700.00

7.	M Pradeep Training & Placement office	09.03.2018 & 10.03.2018	CII take pride annual event	Mumbai	22200.00
8.	Shivaprasad N Dept of E&C	23.03.2018 & 24.03.2018	National finals of e-Yantra competition and e- Yantra symposium	IIT, Bombay	8000.00
9.	Puneeth K M Dept of E&C	16.04.2018 & 17.04.2018	FDP as part of University Relations	BOSCH India Pvt. Ltd Bangalore	5700.00
10.	Chandrashekar Murthy B N Dept of E&C	16.04.2018 & 17.04.2018	FDP as part of University Relations	BOSCH India Pvt. Ltd Bangalore	5700.00
11.	Yashwanth S D Dept of E&C	16.04.2018 & 17.04.2018	FDP as part of University Relations	BOSCH India Pvt. Ltd Bangalore	5700.00

The committee suggested to include the resource persons details for the training programmes/ symposia/ workshops/ conferences to be conducted in the agenda notes.

Recommendation
The committee approved the proposals from different departments for conducting training programmes, symposium, invited talks which were conducted and yet to be conducted as well as registration fee paid by faculty for attending the programmes.

S2.3.2.5 Research and Development

(Activities include: Attending Conferences/ Seminars/ Workshops for UG/PG/Ph.D students within or outside institute; Spares and consumables for UG/ PG student research projects 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.)

Two students from Department of E&C Ms. Krithika Govindaraj and Ms. Bhargavi Vaidya attended the 2nd International Conference On Computing On Communication and presented a technical paper on "Vision based Inspection System for Cylindrical Metallic components", held on 23.03.2018 and 24.03.2018 at Sikkim Manipal Institute of Technology. Estimated cost is Rs. 13,800/-

Yeshwanth K T and team from Department of E&C made a request for developing a prototype product for participating in India Innovation Challenge Design contest 2017 in collaboration with Texas Instrument and IIM Bangalore. The estimated cost is Rs. 30,000/-

Students of Dept of E&EE has made a request for funding of equipment under student project on Fabrication of High voltage test rig for break down voltage analysis of liquid insulator. The estimated cost is Rs. 15,000/-

Students of E&C have developed a primitive working prototype under the project titled "Automated page turner Machine with blow and low pressure techniques", and applied for competition "Pravega Innovation Summit" held at IISc Bangalore. The estimated cost is Rs. 5,000/- for procuring components.

6th Semester students of Dept of E&EE attended a 2 day workshop on ANN and Fuzzy Logic – New Technologies and Implementation in MATLAB at UVCE, Bangalore on 12th and 13th April 2018 Bangalore. Estimated cost is Rs. 6,000/-.

6th Semester student of Dept of IS &E is attending an International Conference on "Computer networks and innovative communication technologies (ICCNCT-2018)" to be held on 26th and 27th of April 2018 at RVS Technical campus, Coimbatore. Estimated cost is Rs. 9,000/-

Dr. Siddaramaiah, Professor, & Head, Dept. of Polymer Science and Technology has requested for financial support towards patent search on the research topic "Biodegradable Polymer based fruit packaging materials with improved shelf life". The estimated cost is Rs. 10,000/-

Dr. Sudarshana Patil Kulakarni, Professor, Department of E&C attended a meeting at Bangalore related to "JSS Cubesat" a research project to build satellite for JSS STU. TA/DA cost is Rs.1500.00.

Recommendation

The committee approved the proposals from different departments mentioned above.

S2.3.2.6 Mentoring/Twinning System
(Should at least spend 3% 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; Organizing 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)

Mentoring/Twinning System and Project Related Meetings

Approval was given for a team comprising of Dr. T.N Nagabhushan, Principal, Dr. B Manoj Kumar, TEQIP coordinator and Dr. Srinath, Nodal officer (Procurement) to visit NPIU and Mentee institute between 23rd to 25th Jan 2018 to discuss on twinning system and to prepare an action plan for two quarters commencing from Jan to June 2018. The approved budget estimate for the visit is Rs. 1, 00,000.00. The actual expenses incurred was Rs. 1,27,067.00.

Approval was given to Dr. B Manoj Kumar, for visiting NPIU office to attend a meeting on 12th Jan 2018 to discuss on   progress made on Twinning arrangements between Mentor and Mentee Institute. The approved budget amount is Rs. 20,000/-. The actual expenses incurred was Rs 26,307.00

Dr.T. N. Nagabhushan, Principal, SJCE attended a workshop on Outcome Based Education and National Board Accreditation held on 8th and 9th Feb 2018 at AICTE Auditorium, New Delhi. The approved budget amount is Rs. 40,000.00. The actual expenses incurred was Rs 58,215.00/-.

Members from Mentee Institute visited SJCE on 27.03.2018 and 28.03.2018. The hospitality expenditure incurred is Rs.4778.00.

An amount of Rs.4,00,000.00 is reserved for the first quarter of 2018-19 period in connection with forthcoming SJCE officials visit to mentee institute for interaction, guidance and to organize training program for mentee institute faculty and students.

Recommendation
The committee approved the expenses incurred for the above mentioned project related meetings.

Approved

S2.3.2.7 Reforms, governance
(Activities include: Academic Reforms (ICC, BoS, Academic Council/ Senate, BoG); Accreditation & UGC Autonomy; Student Feedback & Faculty Appraisal, etc)

The expenses incurred for conducting the first BoG Sub Committee Meeting on 12th Feb 2018 is Rs. 1,702.00.

Recommendation
The committee approved the expenses incurred for the above mentioned project related meetings.

Approved

S2.3.2.8 Industry-Institute Interaction

(Activities include: Internships; Industry expert lectures; Placement Activities & Hospitality; Industry Visits, etc.)

Students of various departments have made a request for Industrial visits. Following are the details of the visit along with estimated cost:

SI No	Coordinator Name & Dept	Event Title	No. of Students	Date	Amount in Rs
1	H. M. Mahendra Kumar Asst. Professor Dept of Civil Engg	8th Sem Students visited Varahi Dam, Varahi Under Ground Power Plant, Mani Dam and other Technical related sites. Sharavathi Power Generation Station, Linganamakki Dam, Linganamakki Power Generation station and other Technical related sites	12	20.03.2018 and 21.03.2018	24,000.00
2	Dr. K.T. Veeramanju Professor & Head Dept of E&EE	8th Sem students of E&EE made an Industrial visit to Kali Nadi Nagjhari Power house and West Coast Paper Mill	72	27.02.2018 To 28.02.2018	1,10,000.00
4	H.G Vivek Prasad & Pushpa K Dept of CTM	6th Sem students of CTM made a Technical visit to Varahi underground Power Plant and New Mangalore Port.	55	15.02.2018 To 16.02.2018	85,000.00
5	Dr. Rudraswamy S B Dept of E&C	4th Sem Students of E&C visited Indian Institute of Science, Bangalore on the occasion of institute open day	42	10.03.2018	25,000.00
6	M. Pradeep Training and Placement	Student of E&C made an industrial visit Samukshita -2018 at Bangalore	10	02.03.2018	8100.00
7	Dr. Ravishankar B.S & Mrs Deepa Dept of E&C	6th Sem students of E&E visited MT Division (CHESCOM) at Jyothinagar, Mysuru	70	31.01.2018	4700.00
8	Dr. M.Mahadevaswamy Dept of Env. Engg.	8th Semester students of Environmental Engineering visited industries at Nanjangud industrial area	50	21.04.2018	12,000.00

Recommendation

The committee approved the industrial visit proposals from different departments mentioned in the above table.
Approved

S2.3.3 Head: Operating Costs

S2.3.3.1 Consumables & Office expenses

Approval is sought for replacing TEQIP office printer toner. The cost of toner is Rs. 3,245.00.

TEQIP office requires Office files for filing the documents. Approval is sought for printing and purchasing the office files. Approximate cost for 300 files will be Rs. 30,000.00

Purchase of Stationary item for TEQIP office for next 3 months is approximately Rs. 20,000.00 (Cartridge, External Hard disk, Pen drives and other consumables).

Approved

S2.3.3.2 Salary for TEQIP office staff

Smt. Asha S, Stenographer is working at TEQIP Office from Oct 2017 onwards. The salary from October 2017 to February 2018 is paid from college totaling to an amount of Rs. 98155.00 (College Letter No. JCE/ACS/2017-18 dt.02.03.2018). Permission is sought to reimburse the salary of the above official from TEQIP account to college account. Further, permission may be given to pay the salary from March 2018 onwards for TEQIP-III period from TEQIP account under salary Head.

Approved

S2.3.4 Any other subject:

S2.3.4.1 Appointment of Auditors

In the 1ˢᵗ BoG Sub committee meeting held on 12ᵗʰ Feb 2018 approval was given to appoint Internal Auditor and Statutory Auditor as per NPIU guidelines. The following firms has been identified

(A) Audit (Internal Audit)

Umesh R & Associates No.CH-145, 10ᵗʰ Main Oppt. Of Canara Bank, Saraswathipuram, Mysuru-570009, Ph No.0821-4252793

(B) Audit (Statutory Audit):

Madhavan & Co., Charted Accountants, # 3, 2ⁿᵈ Floor, Visweswaraiah Building, K R Circle, Mysuru- 570001, Ph No. 0821-2420309

The committee approved to appoint the above mentioned auditors for TEQIP III auditing.

Dr. B. Manoj Kumar   Dr. T.N. Nagabhushan
(TEQIP III Coordinator)   (Principal)