



**JSS MAHAVIDYAPEETHA**  
**SRI JAYACHAMARAJENDRA COLLEGE OF ENGINEERING, MYSORE – 570 006**  
(An Autonomous Institution under Visvesvaraya Technological University, Belgaum, Karnataka State, India)



**First Meeting of BOG Sub-committee**  
**TEQIP Phase-III**

---

**PROCEEDINGS**

---



**Sub-component 1.3**  
**Twinning arrangements to improve performance of participating**  
**institutions**

---

**12<sup>th</sup> February 2018**



**JSS Mahavidyapeetha**  
**SRI JAYACHAMARAJENDRA COLLEGE OF ENGINEERING, MYSORE – 570 006**  
(An Autonomous Institution under Visvesvaraya Technological University,  
Belgaum, Karnataka State, India)

**Agenda for Sub-Committee of Board of Governors Meeting  
scheduled on 12<sup>th</sup> February 2018**

**LIST OF AGENDA**

<b>Agenda No.</b>	<b>Particulars</b>	<b>Page No.</b>
S 1.1	Background and Progress on TEQIP Phase III project	
S 1.2	Agenda Notes	
S 1.2.1	Procurement of Goods and Learning Resources	
S 1.2.2	Academic Processes	
S 1.2.3	Research Assistantship	
S 1.2.4	Graduates Employability	
S 1.2.5	Faculty/Staff Development and Motivation	
S 1.2.6	Research and Development	
S 1.2.7	MOOCS and Digital Learning	
S 1.2.8	Mentoring/Twinning System	
S 1.2.9	Reforms and Governance	
S 1.2.10	Management capacity development	
S 1.2.11	Industry Institute Interaction	
S 1.3	Operating Cost	
S 1.3.1	Consumable and Office Expenses	
S 1.3.2	Project related Meetings	
S 1.3.3	Salary for TEQIP Staff	
S1.4	Any other Subject	



### LIST OF ANNEXURE

Annexure No.	Particulars
1.	Copy of Institutional Development Proposal
2.	2a. Twinning arrangement with Mentee Institute 2b. Copy of MOU between SJCE and State of Karnataka.
3.	3a. Action plan for Quarter 3 and 4 of 2017-18 3b. Joint action plan for Quarter 4 of 2017-2018 and Quarter 1 of 2018-19. 3c. NPIU Fund allocation for Quarter 4 of 2017-18
4.	Statutory Audit – NPIU requirement
5.	Procurement of Goods and Learning Resources 5a. Department of Civil Engineering 5b. Library and Information Center
6.	Improve Student Learning 6a. Department of Electronics and Communication Engineering 6b. Department of Polymer Science and Technology 6c. Proposed Action Plan for Start-Up Cell
7.	Campus Recruitment Training
8.	Faculty/ Staff Development and Motivation 8a. Workshops/ Conference/ Symposia organized 8b. GIAN courses organized 8c. Workshops/ GIAN programmes attended by Faculty
9.	Research and Development 9a. Institutional Registration for IMD access 9b. Patent Filing by Faculty
10.	Industry visit by students
11.	Expenditure of TEQIP III utilized from TEQIP II funds



## **Members present**

1. Dr. C.G Betsurmath, Executive Secretary, JSS Mahavidyapeetha
2. Sri S.Puttasubbappa, Director- Finance, JSS Mahavidyapeetha
3. Dr. B.G Sangameshwara, Vice Chancellor, JSS S&TU
4. Dr. T.N. Nagabhushan, Principal, SJCE
5. Dr. K. Prakash, HoD, Dept of Civil
6. Mr. K.L Basappa, Librarian
7. Dr. B. Manoj Kumar, TEQIP coordinator
8. Dr. S. Srinath, Nodal Officer (Procurement)
9. Dr. M.S Mallikarjunaswamy, Nodal Officer (Finance)
10. Dr. S.B. Rudraswamy, Nodal Officer (Academic)



JSS Mahavidyapeetha

**Sri Jayachamarajendra College of Engineering Mysore – 570 006**

*(Autonomous institution under Visvesvaraya Technological University, Belgaum)*

**Proceedings of 1<sup>st</sup> BoG Subcommittee Meeting  
held on 12<sup>th</sup> Feb 2018**

Dr. T.N. Nagabhushan, Principal Welcomed members of Sub-committee of Board of Governors of TEQIP Phase-III, a World Bank assisted project under NPIU. Principal briefed about TEQIP-III and fund allocation for various activities of TEQIP-III. TEQIP coordinator briefed the members about the activities that can be done under various heads of TEQIP-III. This was followed by discussion on agenda & notes.

### **S1.1 BACKGROUND AND PROGRESS ON TEQIP PHASE-III FUNDING**

SJCE has been awarded World Bank funded TEQIP grant in III Phase. TEQIP-III is fully integrated with the Twelfth five-year plan objectives for Technical Education as a key component for improving the quality of Engineering Education in existing Institutions. SJCE has been identified mentor institute under subcomponent 1.3 of TEQIP-III, with Twinning arrangements to build capacity and improve performance of both mentor (SJCE) and Mentee (other Twinned) institute. SJCE will be mentoring MLV Textile and Engineering College located at Bhilwara, Rajasthan. As per the guidelines of Project Implementation Plan (PIP) of MHRD, Government of India, TEQIP-III project at the institutional level should be managed by an institutional TEQIP unit under the guidance of Board of Governors of the institute and the head of the institute.

TEQIP Phase-I was awarded to SJCE from 2005 to 2009. The main objective of Phase-I programme was to improve the infrastructure facilities required for good teaching and learning environment and project was focused mainly for undergraduate studies. SJCE was recognized as a lead institution and was granted a total of 18.7 crores. The project was successfully completed with a performance audit score of 9.6 out of 10 which one of the highest in the country.

In view of successful implementation project of TEQIP Phase-I, SJCE was eligible for TEQIP Phase-II under Component 1.2. TEQIP Phase II mainly focused on Postgraduate research development and innovation. The World Bank has advised the applicants to prepare the proposal based on SWOT analysis of their institute. Accordingly, SWOT analysis prepared at SJCE on the objective of TEQIP Phase-II project and proposal was prepared. With the approval from the management, Institute Development Proposal (IDP) was submitted to World Bank through SPFU for an amount of ` 16.25 crores. Institute Development Proposal of SJCE, stood highest all over India including NITs scoring 82 marks out of 100 which is considered a great honour. TEQIP –II began in 2011 and SJCE was sanctioned Rs. 1250 lakhs for utilization under different heads with focus on research, innovation and Post graduate education. SJCE is among 190 other colleges (including NITs) across the country



selected under TEQIP-II and is considered among the best performing institutions based on Performance in KPIs (Key Performances Indicators) during every half yearly Joint Review Meetings held at MHRD level. Based on the overall performance, SJCE was granted additional grant of Rs. 500 lakhs.

For TEQIP Phase III funding institutions already participated in TEQIP-I and TEQIP-II were selected on competitive basis through challenge method. Selection was done in three stages. At the first stage, eligibility criteria was used to shortlist the institutes followed by ranking on the basis of their performance assessment. Top rankers from stage 1 were invited to submit institution development proposals in stage 2. The institute then proceeds to stage 3 for final selection. NPIU invited SJCE for becoming mentor institute under subcomponent 1.3 of TEQIP-III (NPIU E- mail dated: 13.09.2017). SJCE prepared Institution Development Proposal (IDP), and submitted the same to NPIU (**Annexure 1**).

A meeting for selection of mentor institutions under subcomponents 1.3 through challenge method was scheduled on 18<sup>th</sup> September 2017 at NPIU office Noida. Dr. T.N Nagabhushan, Principal, SJCE made presentation on IDP and performance of SJCE in TEQIP-I and TEQIP-II. SJCE was selected under Subcomponent 1.3 as a mentor institute and MLV Textile and Engineering College, Bhilwara, Rajasthan was allotted as mentee institute. On 18<sup>th</sup> September 2017 an agreement was done between SJCE and MLV Textile and Engineering College in the Presence of NPIU Central Project Advisor (**Annexure 2a**).

As per NPIU information MoU between State of Karnataka and SJCE, Mysore under Technical Education Quality Improvement Programme Phase-III was submitted to SPFU office and a copy was sent to office of the Principal, Secretary Higher Education, Government of Karnataka, Bangaluru on 29.11.2017 (**Annexure 2b**).

Under TEQIP-III, NPIU has sanctioned a financial assistance of 7 crores as follows

SL NO	Category of Expenditure (head of expenditure)	Percentage (%)	Cost (Rs. In crore)
1	Procurement	50%	3.50
2	Academic	At least 40%	2.80
3	IOC	Up to 10%	0.70
<b>Total</b>			<b>7.00</b>

The TEQIP-III account will be operated under PFMS (Public Finance Management System) and all procurement will be done through PMSS (Procurement Management System Software).

An action plan for quarter- 3 (Oct-Dec 2017) and for quarter 4 (Jan to March 2018) (**Annexure 3a**) as well as joint (Mentee and mentor institute) action plan for quarter 4 and 5 has been submitted to NPIU office (**Annexure 3b**).

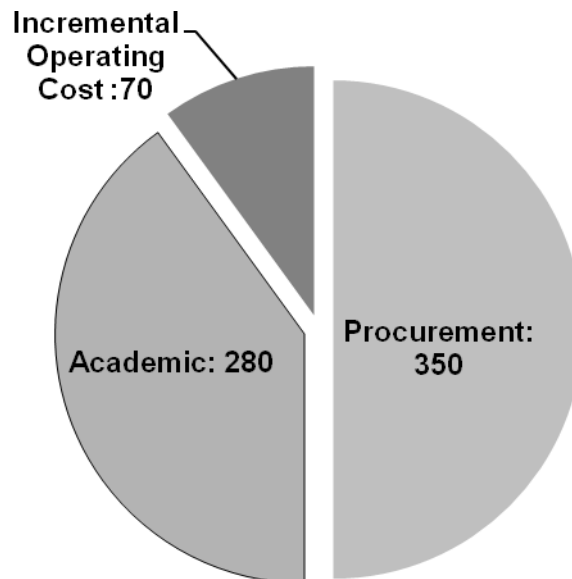
For our quarter - 3 (Oct-Dec 2017) proposal NPIU did not allocate amount due to delay in digital signature processing in PFMS.



As per our quarter - 4 (Jan to March 2018) proposal the NPIU had allocated an amount of Rs. 48,62,600/- (Forty Eight Lakh Sixty Two Thousand and Six Hundred only). The details of allocations under various heads are enclosed in (**Annexure 3c**).

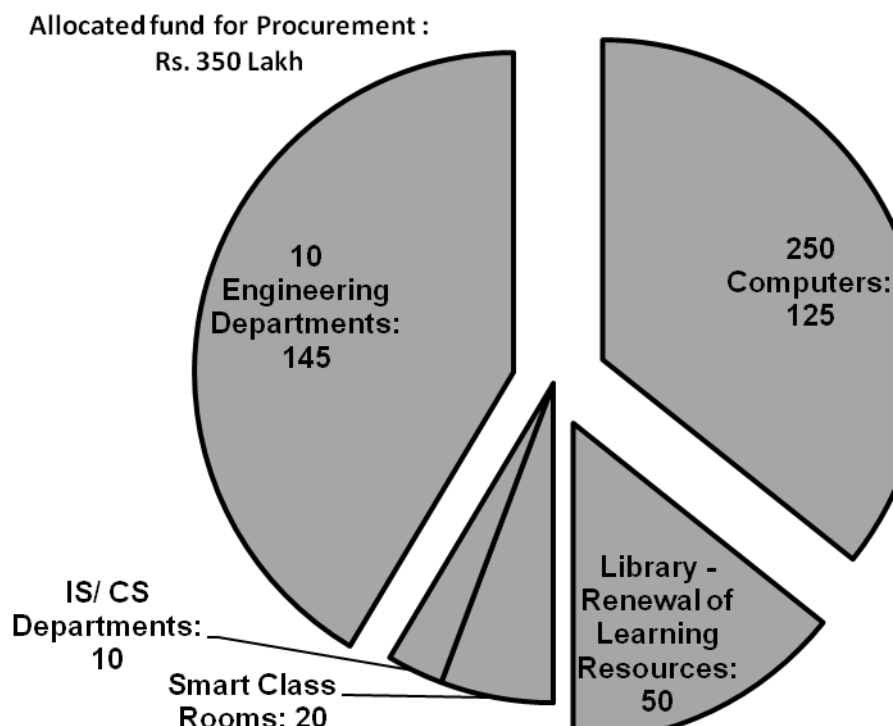
**Project fund Distribution under different categories**

The project fund of Rs. 700 lakhs is distributed under three heads as shown below



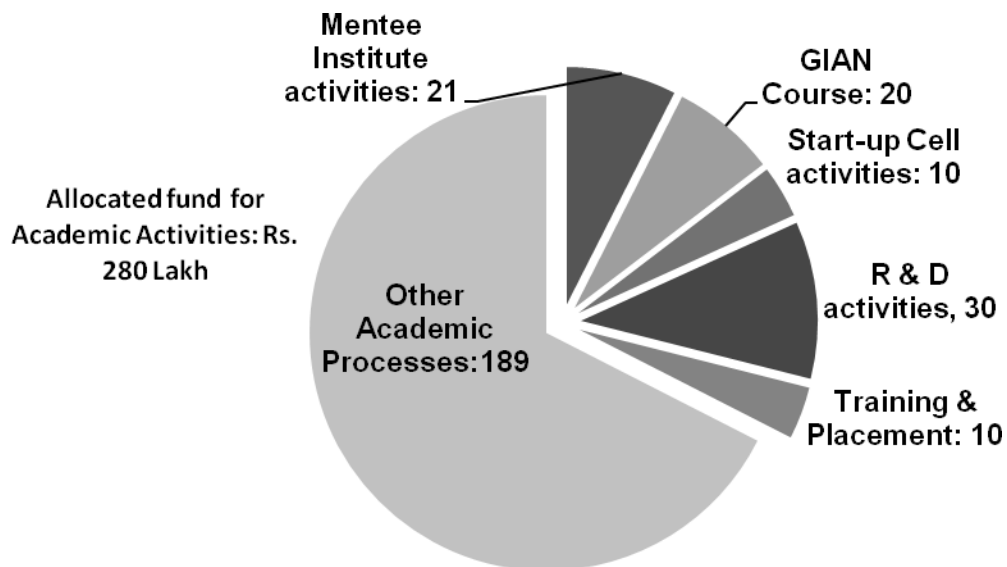
Category of Expenditure under different heads in lakh

It is proposed to distribute the funds allocated for procurement as shown below



Distribution of fund for Procurement in Lakh

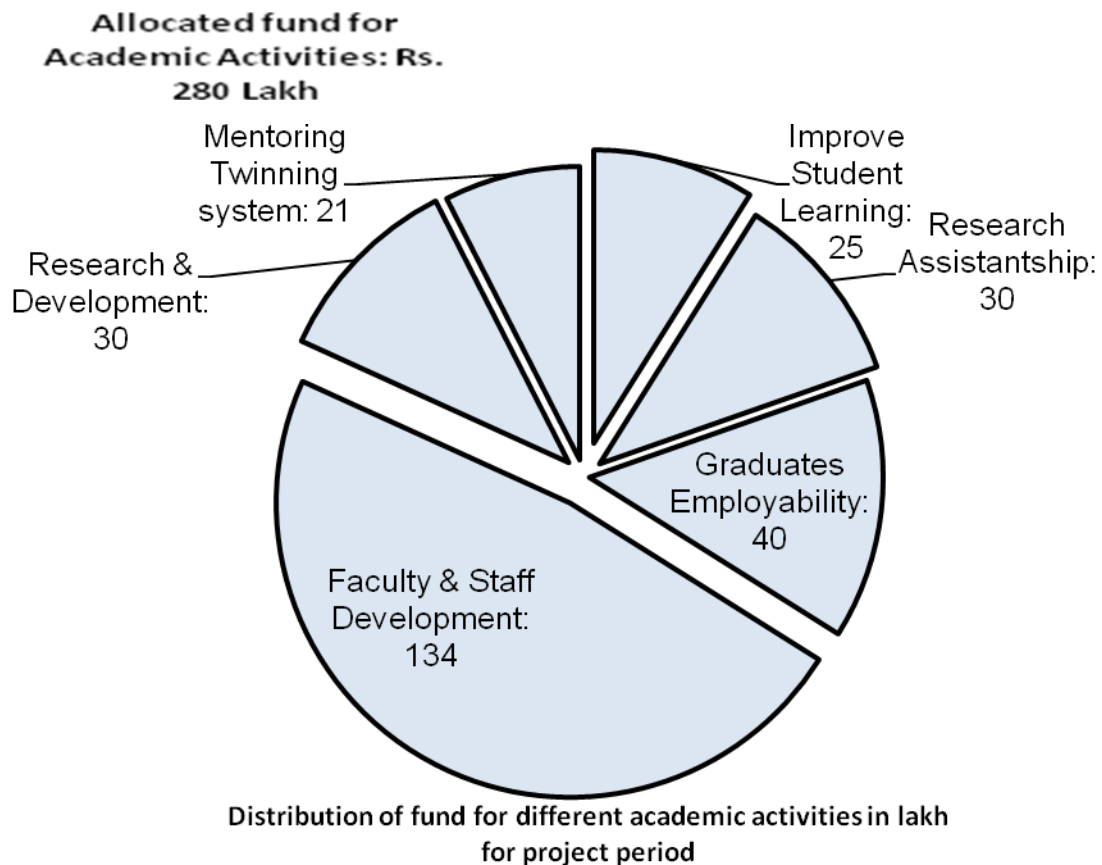
Following chart shows the proposed distribution of funds for different academic activities for the project period.



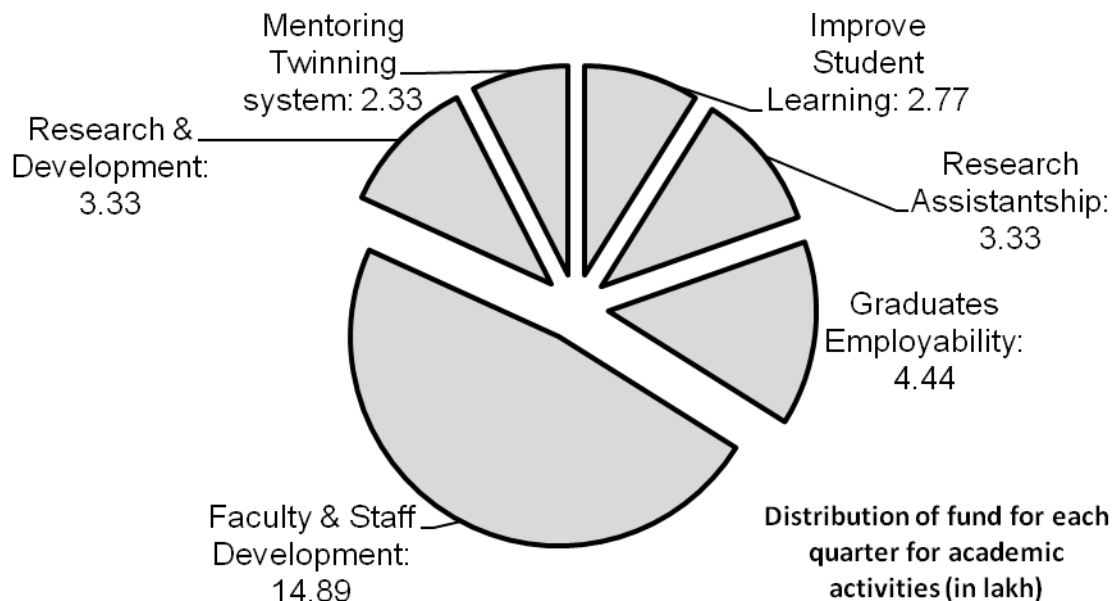
Distribution of amount for Academic Activities in Lakh

The proposed distribution of funds for different academic activities is shown in the following figure





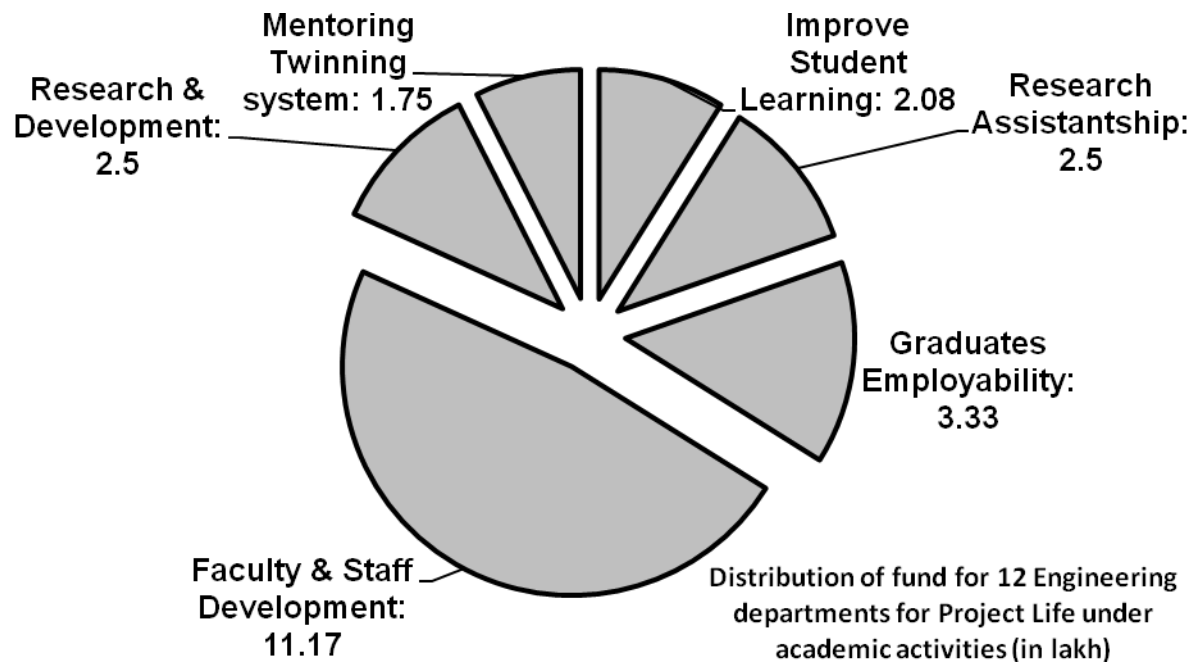
The proposed distribution of funds for different academic activities for each quarter considering nine quarters remaining is shown in the following figure.



For each quarter total available fund for academic activities is Rs. 31 lakhs for 12 engineering departments.



The proposed distribution of academic funds for twelve engineering departments activities for project period considering nine quarters remaining is shown in the following figure.



It is proposed to spend the allocated amount for procurement in next four quarter of the year 2018-19. In addition to strengthening existing labs, it is also proposed to establish new labs, which caters multidisciplinary research. All the head of the departments has been informed to provide the requirement of equipments and learning resources as per OBE requirement. Similarly, it is being informed to plan for academic activities such as FDPs, Workshops, Seminars, Invited talks, Conferences, Pedagogy training, finishing schools etc. for the next two quarters. The faculty members will be encouraged to participate in the GIAN courses and Management Capacity building programs conducted at NITs, IITs and other premier institutes. It is also proposed to conduct pedagogy training for all newly recruited faculty members. Seed money is also provided for faculty members who are pursuing their research in-house.

As per Project Implementation Plan of NPIU the management formed TEQIP–III core committee, TEQIP-III BoG Subcommittee and TEQIP-III Board of Governors (Vide Letter No. TED: JCE: DVP: 17:2017-18/1953, dated: 4<sup>th</sup> Nov 2017 & TED :JCE :DVP :17 : 2017-18/ 2229, dated: 4<sup>th</sup> Dec 2017).



### Board of Governors Constituted for TEQIP-III

Board of Governors constituted for TEQIP-III activities is as follows:

Sl No	Category	Member
1	Chair Person – Educationist	His Holiness Jagadguru Sri Shivarathri Deshikendra Mahaswamiji President, JSSMVP, Mysore
3	Educationist	Dr. C.G. Betsurmath Executive Secretary, JSSMVP Mysore
4	Educationist and Industrialist	Prof. M.H. Dhananjaya Advisor Technical Education Division, JSS Technical Institutions Campus, JSSMVP, Mysore
5	Professional	Dr. B.G. Sangameshwara, Vice Chancellor, JSS S&TU, JSSTI campus, Mysore
6	Teachers of the college	Dr. K.S. Lokesh, Professor, Dept of Environmental Engineering, Mysore
7		Dr. B. Manoj Kumar, Professor Dept of Environmental Engineering, Mysore
8	University Grant Commission (UGC)	Sri Ajay Kumar Khanduri, Deputy secretary, University Grants commission Bahadur Shah Zafar Marg, New Delhi
9	State Government Nominee	Sri H.U. Talwar, Director, Dept of Technical Education of Govt. of Karnataka
10	University (VTU Nominee)	Dr. R.M. Vasagam Vice President(Admin) Dr. MGR Educational & Research Institute Chennai ISRO Layout Bangaluru
11	Principal of the college – Ex officio Member Secretary	Dr. T. N. Nagabhushan Sri Jayachamarajendra College of Engineering, Mys

### TEQIP-III BoG Sub Committee

For the smooth execution of TEQIP-III activities management has approved the constitution of BoG subcommittee as shown in the Table.

Executive Secretary	Chairman
Advisor – TED	Member
Director – Finance, JSSMVP	Member
Vice Chancellor, JSS S&TU	Member
Registrar, JSS S&TU	Member
Principal, SJCE	Member
Concerned HoDs	Member
Coordinator, TEQIP-III	Member Secretary



As per the directions of NPIU each participating institution shall form an institutional TEQIP unit headed by Institution head called **Institutional Project Director (IPD)** and will be assisted by the following core committee members:

**TEQIP coordinator**

**Nodal officer (Academic)**

**Nodal officer (Finance)**

**Nodal officer (Procurement)**

**Management has approved the following Professors for TEQIP Core committee**

**Letter No: TED/JCE/DVP/17/2229/2017-18 Dated: 04.12.2017.**

Dr. B Manoj Kumar, Professor, Dept of Environmental Engg	TEQIP coordinator
Dr. S.B Rudraswamy, Asst. Professor Dept of Electronics and Communication Engg	Nodal officer (Academic)
Dr. Mallikarjunaswamy M. S, Asst. Professor Dept of Instrumentation Tech	Nodal officer (Finance)
Dr. Srinath. S, Asst. Professor Dept of Computer Science & Engg	Nodal officer (Procurement )

### **Discussion and Recommendations:**

TEQIP coordinator introduces the core committee members and their roles in TEQIP-III for BoG subcommittee members. The committee appreciated SJCE for getting funds under TEQIP-III. The committee felt that action plans should be prepared considering the proposed amount distribution to various departments. The committee also felt that the different departments should prepare a proposal for TEQIP period and accordingly action plan should be submitted.

### **Financial Management under TEQIP III**

For financial transactions a new SB Account was opened at PNB, SJCE Branch, Mysuru

Account Number: 39500000101289293

Style of the Account: 'SJCE Mysuru TEQIP III'

Operation of the Account: Jointly operated by - Principal SJCE and  
Finance officer, JSS S&TU.

For opening the account, we have obtained permission from Management vide their letter number TED/JCE/2017-18/2109 dated 22.11.2017.

As per NPIU guidelines, all financial transactions of TEQIP III is through PFMS software and transactions will be through 3 level authentication.

1. Data operator : To enter the transaction details to PFMS portal and submit for approval.
2. TEQIP Coordinator : To approve the transactions for Rs.1 to 5,00,000 (Upto 5 Lakhs only)
3. Principal : To approve the transactions for 5,00,001 to 50,00,000 (Upto 50 Lakhs only)

Before passing the expenditure through PFMS, approval is obtained from the management.

**Formation of Committees: Proposal****1. Quotation Opening Committee:**

Decision on the members of Quotation Opening Committee is requested. The committee proposed comprises of the following:

<b>Member Name</b>	<b>Designation</b>	<b>Role</b>
Dr. T. N. Nagabhushan	Principal	Chairman
Dr. B Manoj Kumar	Professor, Dept of Environmental Engg; TEQIP coordinator	Member
Dr. S.B Rudraswamy	Asst. Professor, Dept of Electronics and Communication Engg, Nodal officer (Academic)	Member
Dr. Mallikarjunaswamy M. S	Asst. Professor Dept of Instrumentation Technology, Nodal officer (Finance)	Member
Col Neeraj Roy	CAO	Member
Dr. Srinath. S	Asst. Professor Dept of Computer Science & Engg, Nodal officer (Procurement)	Member Secretary

**2. Purchase Committee:**

The committee proposed comprises of the following:

<b>Member Name</b>	<b>Designation</b>	<b>Role</b>
Dr. B. G. Sangameshwara	Vice-Chancellor, JSS ST&U	Chairman
Dr. T. N. Nagabhushan	Principal	Member
Dr. K.S. Lokesh	Registrar, JSS ST&U	Member
Mr. Mahadeva Swamy	Finance Officer	Member
Dr. B Manoj Kumar	Professor Dept of Environmental Engg TEQIP coordinator	Member Secretary
Dr.S.K. Prasad	Professor, Dept. of Civil Engineering	Member
Dr. S.B Rudraswamy	Asst. Professor, Dept of Electronics and Communication Engg, Nodal officer (Academic)	Member
Dr. Mallikarjunaswamy M. S	Asst. Professor Dept of Instrumentation Technology, Nodal officer (Finance)	Member
Dr. Srinath. S	Asst. Professor Dept of Computer Science & Engg, Nodal officer (Procurement)	Member
Concerned HOD/Department TEQIP III Coordinator/ Faculty	-	Member



### **3) Internal Audit Committee**

In TEQIP-III the following audit arrangements are approved by MHRD in respect of non-focus institutions:

#### **(A) Audit (Internal Audit):**

1. The TEQIP-III institutes of the non-focus states may appoint Internal Auditor themselves to conduct the internal audit.
2. The appointment of the Internal Auditor should be as per the World Bank guidelines as per Financial Management Manual of TEQIP-III.
3. The Internal Audit may be conducted on bi-annual basis in every financial year.

#### **(B) Audit (Statutory Audit):**

1. The TEQIP-III institutes of the non-focus states may appoint Statutory Auditor themselves to conduct the Statutory Audit of every financial year.
2. The appointment of the Statutory Auditor should be as per the World Bank guidelines as per Financial Management manual for TEQIP-III.
3. Such reports may be further consolidated by NPIU at National level.

(Email from NPIU Enclosed in **Annexure 4**)

### **Discussion and Recommendations:**

The committee approved the procedure adopted for procurement and the members considered for quotation opening and purchase committee. The committee also approved to appoint auditor as per world bank guidelines for statutory audits of TEQIP-III.

## **S1.2 Agenda Notes**

### **S1.2.1 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, learning resources and furniture was invited for the entire institution from engineering departments. After the approval from BoG subcommittee entry will be made to Procurement Management System Software (PMSS) of NPIU.

### **Department of Civil Engineering:**

- |  |                                   |
|--|-----------------------------------|
| 1. Total Stations – 6 Nos.             | Estimated Cost : Rs. 25,00,000.00 |
| 2. Highway Materials Testing equipment | Estimated Cost : Rs. 5,00,000.00  |

Details enclosed in **Annexure 5a**

### **Library and Information Centre:**



1. VTU consortium membership is for the year 2018	(Jan- Dec – 2018) Cost	Rs.2,00,000.00
2. E- Shodhsindhu Consortium - J Gate for AICTE		Rs. 60,000.00
3. 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
<b>Total</b>		<b>Rs.18,04,048.00</b>
(Details enclosed in <b>Annexure 5b</b> )		

### Discussion and Recommendations:

The committee was apprised about the procedure followed for procurement of equipments and learning resources. The committee suggested that all departments should utilize the funds allocated for procurement.

For procurements of equipments to the department of Civil Engineering the committee felt that instead of six total stations survey equipments 4 equipments can be procured. The committee also approved to procure Highway Materials Testing equipment.

For library the committee sought details from the librarian about the utilization of E- journals. Librarian provided the details of E- journals and its utilization. The committee approved to procure Learning Resources for library.

The committee also proposed to establish smart classroom/Studio for preparing and webcasting the video lecture material of different courses. This will cater the needs of students of mentee and mentor institutes.

### **S1.2.2 Academic Processes**

#### **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.)*

#### **Department of Electronics and Communication Engineering**

Students of E&C department participated in a competition held at IISc, Bangalore between 17<sup>th</sup> to 19<sup>th</sup> Jan 2018 - Estimated Cost for TA/DA : Rs 14000.00



Students of E&C department participated in a entrepreneur workshop held at IIT, Bombay between 27<sup>th</sup> and 28<sup>th</sup> Jan 2018. The Estimated cost is Rs. 45990.00

Details enclosed in **Annexure 6a**

### **Department of Polymer Science & Technology**

Final year students of PST will be presenting a Technical Paper at 3<sup>rd</sup> International conference (I-DAD 2018) to be held at Vel Tech University, Chennai during 22<sup>nd</sup> to 25<sup>th</sup> feb 2018. The estimated cost is Rs.7000/- (for 4 students including registration fee and travel expenditure by 2<sup>nd</sup> class sleeper).

Details enclosed in **Annexure 6b**

### **Recommendations:**

Approval is accorded for the above students' activities and the expenditures incurred to book under improve students learning head.

#### **S1.2.3 Research Assistantship**

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

A committee will be formed comprising of following members to decide on norms for Research Assistantship for full time Ph.D students.

Dr.T.N.Nagabhushan, Principal, SJCE, Mysuru & Dean(Engg)	-Chairman
Dr. G.M Shashidhara, Dean (R&D),	- Member
Dr. Mallikarjuna Aradhya, Dean (Science)	- Member

### **Recommendations:**

Approval is accorded for preparing the norms for research assistantship for full time Ph.D students.

#### **S1.2.4 Graduates Employability**

(Activities include: Start up activity; Soft Skill training (Industry Readiness); Finishing Schools, etc.)

##### **a) Establishing start-up cell in the project institute**

As per the NPIU E-mail dated 1<sup>st</sup> Dec 2017 SJCE have established the start-up cell with following staff as core committee members.

1	Head of the institution	Dr. T.N. Nagabhushan, Principal, SJCE, Mysore
2	Start-UP cell Coordinator	Dr. T.H Udayashankar, Professor, Dept of Environmental Engg
3	Faculty facilitators	Mr. M.G skanda, Asst. Professor, Dept of I&P
		Mr. K.M Puneeth, Asst. Professor, Dept of E&C
		Mr. H P Thanu, Asst. Professor Dept of CTM





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 8<sup>th</sup> and 9<sup>th</sup> Jan 2018. Approval is sought for expenditure of TA/DA.

An action plan prepared by Start-up Cell is enclosed in **Annexure 6c**.

b) Finishing School:

Dept of Instrumentation Technology is proposing to conduct a finishing school on “Health Care Technology” between 17<sup>th</sup> Feb to 24<sup>th</sup> March 2018, Coordinators: Dr. Shailaja K and Dr Umarani K, Estimated budget is 76000.00

c) Training and Placement cell:

SJCE is planning to conduct campus recruitment training for M.Tech 2018-19 batch students as per NPIU Norms.

Details enclosed in **Annexure 7**

### Recommendations:

Approval is accorded for travel and participation of Dr. T.H Udayashankara and the expenditures incurred to book under graduates’ employability head.

The committee approved for conducting the finishing school proposed by Department of Instrumentation Technology and the expenditures incurred to book under graduates employability head.

The committee approved the expenditures incurred by Training and Placement cell for training of PG students. The expenditures incurred to book under graduates employability head.

### S1.2.5 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.)

### WORKSHOPS ORGANIZED/PROPOSED

Proposals received for the following workshops/ conferences/ symposia under TEQIP-III assistance

SI No	Event Name & Coordinator	Dates	Department	Budgeted amount in Rs	Re marks
1.	Distinguish Lecture (Special Lecture Established Emerging and non Conventional 2D Materials Devices and Technology Dr. Rudraswamy S B	05.01.2018	E&CE	20500.00	Conducted



2.	Recent trends in nano materials for Energy and Electronic applications Dr. Veena M.G	11.01.2018 & 12.01.2018	E&CE	70000.00	Conducted
3.	Symposium on water safety and sanitation value Dr. B Manoj Kumar	16.01.2018	ENV	35000.00	Conducted
4.	Distinguish Lecture (Special Lecture) Material and Device Challenges for future CMOS Technologies Dr. Rudraswamy S B	19.01.2018	E&C	20500.00	Conducted
5.	Workshop on Advanced Analytical Techniques for Polymer Characterization Dr. Siddaramaiah	29.01.2018	PST	34000.00	Conducted
6.	National Conference on Advanced Materials for Health & Environment Dr. P Mallu	Mar/April 2018	Chemistry	240000.00	Proposed
7.	Workshop on Internet Design Evolution from data to multimedia Application Dr. Shreekanth . T	Mar 2018	E&C	60000.00	Proposed
8.	National symposium on instrumentation Dr. V Udayashankara	May-18	IT	150000.00	Proposed
9.	National workshop on Recent Advances in Geo techniques for Infrastructure (RAGI-18) Dr. S.K Prasad	3rd Mar 2018	Civil	50000.00	Proposed
10.	Guest lecture on Construction Equipments Management Dr. P.S. Raghuprasad	Feb- 2018	CTM	15000.00	Proposed
11.	Mechanical Aspects of Electrical Machine Design Dr. K.T Veeramanju	Feb – 2018	E&EE	10000.00	Proposed

Details enclosed in **Annexure 8a**

### **GIAN courses:**

Sl No	Title of the Course Name of Coordinator	Date	Department	Estimated Budget	Remarks
1	Interactive Machine Translation Dr. M. A Anusuya	19.12.2017 to 30.12.2017	CS	95000.00	Conducted
2	Neuromorphic Architectures Dr. S.K. Padma	19.12.2017 to 30.12.2017	IS	95000.00	Conducted
3	Applied electrostatics and Non thermal plasma for environmental application and control of Bio	21.12.2017 to 25.12.2017	E&EE	80000.00	Conducted



	Particles Dr. A. D Srinivasan				
4	Radiomics, Pthomics and Deep learning for Disease diagnosis, Prognosis and treatment Evaluation on digital pathology, CT and MRI scans Dr. P.M Shivamurthy	26.12.2017 to 30.12.2017	CS	51000.00	Conducted
5	Advanced Bio Medical Signal Processing Dr. Anil Kumar K M	02.01.2018 to 13.01.2018	CS	95000.00	Conducted
6	Natural Language Processing and Text Analytics Dr. Anil Kumar K M	15.01.2018 to 26.01.2018	CS	95000.00	Conducted
7	Multiscale Modeling of Heterogeneous Structures Dr. P.S Raghuprasad	04.06.2018 To 16.06.2018	CTM	111500.00	Proposed
8	Sustainable Roadways- Design Construction and Maintenance Dr.P.Nanajundawamy	23.07.2018 To 03.08.2018	Civil	131500.00	Proposed

Details enclosed in **Annexure 8b**

**Workshops/ GIAN programs attended by Faculty**

Sl No	Faculty	Department	Date	Workshop/ Course	Institution	Estimated Cost in Rs.
1	Gayathri H. M	E&C	22.01.2018 to 26.01.2018	GIAN Course on Development of Micro structure and Nano structure by vapour deposition and its Electrical and optical characterization	NIT, Durgapura	21950.00
2	Supreetha M	E&C	22.01.2018 to 26.01.2018	GIAN Course on Development of Micro structure and Nano structre by vapour deposition and its Electrical nd optical charagtrization	NIT, Durgapura	21950.00

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 30<sup>th</sup> and 31<sup>st</sup> Jan 2018. Estimated cost is Rs. 5000.00

Mr. M.P Chandresh has made request for attending international conference and exhibition "Plastindia 2018" to be held at Gandhinagar, Gujarat between 7th to 12th Feb 2018, Estimated cost for attending the conference is Rs. 10000.00



Mr. Skanda M.G, Assistant Professor, Dept of IP, has made a request to attend the short term course on “Entrepreneurship, innovation and incubation” to be held at IIT Bombay, from March 12<sup>th</sup>- 16<sup>th</sup> 2018. The estimated cost for attending the STC is Rs. 55,000.00.

Details enclosed in **Annexure 8c**

### **Discussion and Recommendations:**

The committee sought the details of the workshops and seminars conducted and proposed. The committee felt that only few departments are conducting such programmes and informed that the activities under this head should be spread across all the departments.

The committee sought the details of GIAN programmes conducted and proposed. Approval is accorded for expenditure incurred towards local hospitality to resource personnel from abroad and the refreshment expenditures for the participants. Recommended to book the expenditures under faculty staff development and motivation head.

Approval is accorded for the workshops/seminars conducted and proposed and the expenditure incurred to book under faculty staff development and motivation head.

Approval is accorded for two staff members who participated in GIAN programme conducted at NIT, Durgapura. The registration fee and travel expenses to book under faculty staff development and motivation head.

Approval is accorded for the expenditures incurred by Dr. Siddaramaiah, Professor & Head, Dept of PST who delivered an invited talk at the international conference on Design, Materials and Manufacture (ICDEM 2018) held at NITK, Surathkal on 30<sup>th</sup> and 31<sup>st</sup> Jan 2018. The expenditures incurred to be booked under faculty staff development and motivation head.

Approval is accorded for the expenditure incurred by Mr. M.P Chandresh for attending international conference and exhibition” Plastindia 2018” to be held at Gandhinagar, Gujarat between 7<sup>th</sup> to 12<sup>th</sup> Feb 2018. The expenditures incurred to be booked under faculty staff development and motivation head.

Approval is accorded for Mr. Skanda M.G, Assistant Professor, Dept of IP, to attend the short term course on “Entrepreneurship, innovation and incubation” to be held at IIT Bombay, from March 12<sup>th</sup>- 16<sup>th</sup> 2018. The registration fee and travel expenses is to be booked under faculty staff development and motivation head.

### **S1.2.6 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.)



A committee comprising of following members is proposed to be formed to prepare norms for providing seed money for R&D projects as well as selection of peer reviewed journal papers for funding.

Dr. T. N. Nagabhushan, Principal, SJCE, Mysuru & Dean(Engg)	-Chairman
Dr. G.M Shashidhara, Dean (R&D),	- Member
Dr. Mallikarjuna Aradhya, Dean (Science)	- Member

Dr. Pushpa Tuppad, Associate Professor, Dept of Environmental Egg, has made a request for institutional registration with IMD for Meteorological data access for research work related to hydrology and water resource management Estimated cost: Rs. 5000/- for one year and Rs. 1000/- for subsequent annual renewal.

Details enclosed in **Annexure 9a**

Dr. Siddaramaiah, Professor & Head, Department of PST requested for financial support from TEQIP III to file patent search from ALMT, Bengaluru. Cost of patent search is Rs. 10,000.00.

Details enclosed in **Annexure 9b**

### **Recommendations:**

The committee approved for formation of a committee to prepare the norms for preparing norms and providing seed money for R&D projects as well as selection of peer reviewed journal papers for funding.

The committee approved the proposal for obtaining Meteorological Data for IMD and the expenditure to be booked under R&D head.

The approval is accorded for the expenditure incurred for patent search and to be booked under R&D Head.

### **S1.2.7 MOOCs and Digital Learning**

(Activities include: Certification fees for online courses (MOOC's); Development of MOOC's/ online courses, etc.)

### **Recommendation**

The committee informed that the faculty members should be encouraged to participate in development of MOOCs online courses.



### **S1.2.8 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)*

A team from SJCE comprising Dr. T.N. Nagabhushan, Principal, Dr. B. Manoj Kumar, TEQIP coordinator and Dr. Srinath S., Nodal officer (Procurement) visited NPIU and Mentee institute on 23<sup>rd</sup> to 25<sup>th</sup> 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.

As per twinning arrangement, faculty from SJCE should visit mentee institute for taking part in various activities including syllabus coverage as per their requirement as well for assisting in OBE and preparation of SAR of NBA.

#### **Recommendation:**

The committee approved the expenditure incurred by core committee members for visiting Mentee institute and NPIU office. The expenditures incurred to be booked under Mentoring/Twinning system.

### **S1.2.9 Reforms and Governance**

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

#### **Recommendation:**

The committee accorded approval for the expenditures that will be incurred for conduction of BoS, Academic Council/ Senate, BoG); Accreditation & UGC Autonomy; Student Feedback & Faculty Appraisal, etc

### **S1.2.10 Management Capacity Development**

*(Activities include: Management Capacity Building programmes at IIM; NPIU workshops, etc.)*

#### **Recommendation:**

The committee accorded approval for the expenditures that will be incurred in deputing faculty members for Management Capacity Development programme at IIMs/NPIU.



### S1.2.11 Industry-Institute Interaction

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

Students of department of Civil Engineering have made visits to industries for Industry Institute Interaction the details with budget amount are as follows:

SI No	Event Name	Dates	Department	Coordinator Name	Budgeted amount in Rs
1	Water Treatment Plant at Thorekadanahalli	28.10.2017	Civil	Roopanjali S Dr. M. P Pradeep	19,000.00
2	3 <sup>rd</sup> Sem BE Students wood cutting, Granite show rooms, concrete Blocks etc. around Mysore	17.10.2017	Civil	H.M Mahindra kumar	6000.00

Details enclosed in **Annexure 10**

### Recommendation:

The committee accorded approval for the expenditures incurred for the industry Institute Interaction of Civil Engg students.

### S1.3 Head: Operating Costs

#### S1.3.1 Consumables & Office expenses

TEQIP office regularly requires consumables such as print paper, cartridges, stationeries Telephone bill, antivirus software, Tally software upgradation etc, the expenditure incurred is Rs. 20000.00.

Approval is sought for reimbursement up to 80% of the telephone bills of the core committee members. In the absence of phone bills self declaration by the members for reimbursement of phone call expenses may be considered.

### Recommendation:

The committee accorded approval for the expenditures incurred towards functioning of TEQIP office The expenditure incurred to be booked under IOC head.

#### S1.3.2 Project Related Meetings

Principal and TEQIP core Committee Members will be visiting NPIU and Mentee institute for project related meetings as and when required. Expenses will be met out of IOC

Dr. B Manoj Kumar, visited NPIU office for a meeting on 12<sup>th</sup> Jan 2018 to discuss on progress made on Twinning arrangements between Mentor and Mentee Institute. The Estimated cost is Rs. 20000/-

Dr. T. N. Nagabhushan, Principal, SJCE attended Meeting at NPIU office New Delhi. The Estimated cost is Rs. 40,000.00.



### **S1.3.3 Salary for TEQIP office staff**

TEQIP office requires office staff such as:

1. Office Manager,
2. Typist,
3. Accountant
4. Attendant

Approval is required for providing the above mentioned staff for TEQIP office. The salary for the office staff is considered under IOC head.

Mr. M. V Nagaraju has been appointed as Accounts Manager by the management with monthly salary of Rs. 15000/- (Consolidated). Approval is sought for the salary paid for Mr. M.V Nagaraju from October 2017 onwards.

#### **Recommendation:**

The committee accorded approval for the expenditures incurred towards visit to NPIU office and to book the expenditure under IOC head.

Approval is accorded for the payment of salary to the accounts manger.

### **S1.4 Any other Subject**

The IRG earned in TEQIP-II, amounts to Rs. 10, 93,819.00, out of which an amount of 2,10,057.00 has been spent for TEQIP III activities. The balance amount of Rs.8, 83,762.00 is transferred to college state recurring account. The IRG generated from TEQIP-II is proposed to be deposited into FOUR Funds as per NPIU Notification.

For TEQIP-III expenses amounting Rs. 210057.00 funds from TEQIP-II have been utilized. The expenditure is to be booked under TEQIP-III. Kind approval is sought to book the expenditure under TEQIP-III and to transfer the same to college account (State Recurring Account).

For faculty Travel, TA/DA to attend workshops, Seminars, Conferences etc. and for conducting FDPs Workshops, Seminars, Invited Talks, Finishing School, etc all relevant guidelines of NPIU proposed for TEQIP III will be followed. Where ever certain guidelines of NPIU are not available all relevant guidelines will be formulated.

To facilitate miscellaneous expenses of TEQIP office, it is necessary to maintain a sum of Rs.10000/- as imprest amount.

As per the requirement of NPIU, documents related to TEQIP III such as institution development plan, List of BOG and BOG-Sub-committee members, Proceeding of BOG, BOG Sub-Committee meetings, Action plans, Good Governance initiatives, Newsletters in the college website.

#### **Recommendation:**

Approval is accorded for the above mentioned subjects under any other head.

Dr. B. Manoj Kumar  
(TEQIP III Coordinator)

Dr. T.N. Nagabhusan  
(Principal)