



**INSTITUTE OF SCIENCE AND TECHNOLOGY(Autonomous)  
Jawaharlal Nehru Technological University Hyderabad  
Kukatpally, Hyderabad., Telangana.-500085**

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**5<sup>th</sup> Meeting of Board of Governor and Members**

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**Venue: Meeting Room, New IST Office, JNTUH**

**Time / Date: 10:00 AM, Saturday, 14<sup>th</sup> February 2015**

**INSTITUTE OF SCIENCE AND TECHNOLOGY(Autonomous)  
Jawaharlal Nehru Technological University Hyderabad  
Kukatpally, Hyderabad., Telangana.-500085**

**5<sup>th</sup> Meeting of Board of Governors and members  
Presided by  
Hon'ble Chairperson : Dr. K.V. Raghavan**

**Venue: Meeting Room, New IST Office, JNTUH  
Time / Date: 10:00 AM, Saturday, 14<sup>th</sup> February 2015**

S.No	Name of the member	Designation	Signature
1.	Dr.K.V.Raghavan INA Distinguished Prof. and Ex. Director, CIR-IICT	Chairperson	
2.	Dr.MuraliK.Tummuru, Managing Director, Virchow Biotech Pvt. Ltd.	Member	
3.	Dr.M.SivaKumaran, Director, Aurobindo Pharma Ltd.	Member	
4.	Dr.B.Venkateswara Rao, Professor of WR.,& Director, SCDE, JNTUH	Member	
5.	Dr.M.Anji Reddy, Prof. of EST, & Director,R& D, JNTUH	Member	
6.	Dr.M.LakshmiNarasu, Prof. of Biotechnology, Centre for Biotechnology, IST, JNTUH	Member	
7.	Dr. Sandeep Grover Professor, Dept. of Mechanical Engineering YMCA University of Science and Technology, Faridabad	Member, UGC nominee	
8.	Dr.A.Damodaram Director, Academic & Planning JNTUH	Member, University nominee.	
9.	Prof.Ch.Radha Krishna Mentor, IST, JNTUH	Special Invitee	
10.	Sri. A. RavindraBabu, State Project Coordinator, SPFU, Telangana State	Special Invitee	
11.	Dr.A.JayaSree Director (i/c) , IST, JNTUH.	Member Secretary	

**INSTITUTE OF SCIENCE AND TECHNOLOGY(Autonomous)  
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Kukatpally, Hyderabad.,Telangana-500085**

**Technical Education Quality Improvement Programme , [TEQIP] PHASE – II**

**AGENDA AND NOTES FOR THE FIFTH MEETING OF THE GOVERNING BODY OF IST  
TO BE HELD ON 14<sup>th</sup>FEBRUARY 2015, AT 10:00AM AT THE MEETING HALL,  
INSTITUTE OF SCIENCE & TECHNOLOGY, JNTUH.**

AGENDA		
Item No	Description	Pg.No
01/ 5BoG_Feb'15	1.1 Confirmation of the minutes of the Fourth BoG meeting held on 17 <sup>th</sup> September 2015 : Action taken report 1.2 Approval and ratification of minutes of 5 <sup>th</sup> Subcommittee meeting held on 5 <sup>th</sup> Jan, 2015	4-6 7-10
02/ 5BoG_Feb'15	2.1 Consideration and approval of Procurement of equipments and Permission to place purchase orders. 2.2 Consideration and Permission to change the items / status under procurement w.r.to item :a) Gasification unit under proprietary item to shopping category	11-15
03/ 5BoG_Feb'15	3.1 Consideration and permission to admit the students against vacant seats, under TEQIP II Ph.D Fellowship. 3.2. Consideration and approval of P.G. Assistanceship to the students of M.TechNano Electronics and Photonics, a new P.G program, started from 2014-2015 academic year.	16
04/ 5BoG_Feb'15	4.1 Consideration and Approval of shifting and establishment of E-Library in the 3 <sup>rd</sup> Floor of IST, from 2 <sup>nd</sup> the existing Floor of IST. 4.2 Consideration and Approval of Procurement of 2 UPS Units with one hour backup for E-Library and at Examination branch, IST, JNTUH 4.3 Consideration and Approval to Conduct Scientific workshops on behalf of all the Centers in the context of Silver Jubilee celebrations of IST for three days in the month of March	17-18
05/ 5BoG_Feb'15	5.1 Consideration and Approval of major activities proposed by all the Centres/ Faculty members under various heads, of TEQIP II grants.	18-44
06/ 5BoG_Feb'15	6.1 Ratification various activities organized/ participated / conducted under TEQIP	45-48
07/ 5BoG_Feb'15	7.1 Ratification of project staff for executing TEQIP II activities	48
08/ 5BoG_Feb'15	Any other item with the permission of the Chairperson	48
	Annexures	49-65

**AGENDA 01/ 5BoG\_Feb 15**

**Item No. 1.1**

**Sub:-Confirmation of the minutes of the 4<sup>th</sup>BoG meeting held on 17<sup>th</sup> September 2014 :**

- 1.1 Confirmation of the minutes of the Third BoG meeting held on 16<sup>th</sup> April 2014
- 1.2 Approval and ratification of minutes of 3<sup>rd</sup> Subcommittee meetings held on 17- 07-2014
- 1.3 Approval and ratification of minutes of 4<sup>th</sup> Subcommittee meetings held on 16-09-2014.

**Action taken report :**The Honorable Chairperson and respected members of the Governing Council approved and ratified the minutes of the 3<sup>rd</sup>BoG and minutes of the Subcommittee meetings.

**AGENDA 02/ 4BoG\_Sept**

**Item No. 2.1**

Sub: Consideration and approval of PGassistanceshipunder TEQIP-II.

**Action taken report :**Under P.G assistanceshiptotal of 61 Students have been shortlisted by the Heads of the Centers, for the Nine academic programs offered by the IST, and the selection of the students was through the Academic Selection Committee for the academic years 2012-2014 and 2013-2015.

**Item No. 2.1**

Sub: List of Eligible students submitted by Heads of the Centres.

**Action taken report :**received undertaking forms from the students and PG.assistanceship will be released shortly to the eligible students. ( **List of students enclosed as annexure 1**)

**Item No. 2.1**

Sub: Admission into Ph.D program under TEQIP II

**Action taken report :**18Ph.Dfellowships were approved in the BoG , as per the IDP. Out of sanctioned 18 Ph.Dfellowships, only 8 students were admitted into the program.

**AGENDA 03/ 4BoG\_Sept**

**Item No. 3.1**

Sub: Guidelines to organize national and international conferences under TEQIP II at IST.

**Action taken report :**It is recommended to submit the proposals in advance to the members of the subcommittee, and BoG with respect to organizing national / international conferences, preferably 3 months and 10-12 months ahead, respectively.

**Item No. 3.2**

Sub: Consideration and approval of proposal to organize international conference on Environment and Energy by Centre for Environment during 15<sup>th</sup> - 17<sup>th</sup> December 2014, under FSD.

**Action taken report** :International Conference on Environment and Energy,was organized Centre for Environment during 15<sup>th</sup> - 17<sup>th</sup> December 2014. Nearly 500 research abstracts were submitted and more than 400 presentations were made by the participants both in oral and poster sessions.

**Item No. 3.3**

Sub: Participation of Dr.M.Anji Reddy, Prof of EST, and Director, R&D, JNTUH, in Academic Leadership program, jointly organized by IIM Trichy and National University Singapore during 18<sup>th</sup>-25<sup>th</sup> September 2014.

**Action taken report** :Dr.M.Anji Reddy, Prof of EST, and Director, R&D, JNTUH, has participated in the Academic Leadership program, jointly organized by IIM Trichy and National University Singapore during 18<sup>th</sup>-25<sup>th</sup> September 2014 and follow up program at IIM-T in the month of January.

**AGENDA 04/ 4BoG\_Sept**

**Item No. 4.1**

Sub:-Constitution of Purchase committee.

**Action taken report** :Purcashe committee is formed as per the approval at individual Centre and at Institution for the procurement of items and other activities under TEQIP II.

**Item No. 4.2**

Sub:-Consideration and approval of Procurement of equipment under Phase I.

**Action taken report** :The committee approved the procurement items under TEQIP II , accordingly tenders have been called.

**Item No. 4.3**

Sub:-Appointment of project staff for executing TEQIP II activities

**Action taken report** :As per the approvals, MIS officer, clerk and accountant have been recruited.

**AGENDA 05/ 4BoG\_Sept**

**Item No. 5.1 :**

Sub: Ratification of workshop / conferences organized under TEQIP-II

**Action taken report**: ConferenceICEE2014 was organized by CEN, IST, JNTUH.

**Item No. 5.2**

Sub:-Ratification of Expert Lectures organized under TEQIP-II

**Action taken report : Good number of expert lectures have been organized by all the Centres for the benefit of Students.**

**Item No. 5.3**

Sub:-Ratification of conference attended by Faculty under TEQIP-II

**Action taken report :**Faculty members have attended training programs under FSD, MDP as advised by the SPFU, TS.

**AGENDA 06/ 4BoG\_Sept**

Sub:-Ratification of payment of internal audit fees.

**Action taken report : Payment has been made to RamaMurthy and Co.(Rs 54, 776/-)**

**AGENDA 07/ 4BoG\_Sept**

Any other item with the permission of the Chairperson

No other items were placed before the committee for examination.

**AGENDA 02/ 5BoG\_Feb'15****Item No. 1.2****Sub:-Approval and ratification of minutes of 5<sup>th</sup> Subcommittee meeting held on 5<sup>th</sup> Jan, 2015**

The members of the Subcommittee met on 5<sup>th</sup> Jan., 2015 to discuss the following issues. and the members of the Governing council may ratify the same.

**1. Approval of Budget allocation under different activities Course wise/Centre wise**

As per the direction of the Hon.ble Chairperson, in 4<sup>th</sup>BoG meeting, a detailed budget allocation was carried out by the members of the Subcommittee, based on Courses and / Centres at IST., JNTUH. The detailed allocation of the budget is presented as Annexure 2.

**The members of the Governing Council may approve and ratify the same.**

2. **Procurement:** For information to the respected members, orders for approximate amount of Rs 480 lakhs worth instruments /equipment has been initiated through PMSS. The members of the subcommittee, have suggested and constituted, Centre wise purchase committee and institutional purchase committee, at IST, JNTUH. It is also felt that the Purchase orders towards Proprietary items may be approved. The suggested composition of Centre wise purchase committee and Institutional purchase committee, is as follows:

<b>Centre wise Purchase Committee:</b>		
<b>S.No</b>	<b>Designation</b>	<b>Role</b>
1.	<b>Head of the Centre</b>	<b>Member Convener</b>
2.	Internal BoG member	Member
3.	Senior Faculty : 1	Member
4.	Senior Faculty : 2	Member
5.	One External Expert	Member

<b>Institutional Purchase Committee :</b>			
<b>S.No</b>	<b>Member Name</b>	<b>Designation</b>	<b>Role</b>
1.	Prof .A. Jaya Shree	Director	Chairperson
2.	Prof. M.Anji Reddy	BoG Member	Member
3.	Prof. B. Venkateswara Rao	BoG Member	Member
4.	Prof. M. Lakshmi Narasu	BoG Member	Member
5.	Prof .K.Rammohan Reddy	Nodal Officer Procurement	Member
6.	Ms. CH. Shilpa Chakra	Nodal Officer , Procurement	Member
7.	Prof. Ch. Sashikala	Nodal Officer Finance	Member
8.	Dr. Subramanyam	Nodal Officer Finance	Member
9.	Dr.T.Vijayalakshmi	TEQIP Coordinator	Member

**The members of the Governing Council may approve and ratify the same.**

**3. P.G and Ph.D teaching Assistance ship : for information:**

- Joining report of Ph.D students submitted on Dec 1, 2014, released first month fellowship to Seven students ( CBT: 3, CEN: 2, CWR: 2)
- Permission for Selection of students for the year 2014-2015 academic year by ASC : total 5 students per batch
  - Students of 3<sup>rd</sup> semester (2013 -2015 batch)
  - Students of 1<sup>st</sup> semester (2014 -2016 batch)

This item is placed before the subcommittee for information and for updating the status.

- Consideration for Enhancement of Ph.D fellowships as per the revised amounts ( Rs 18,000/- to 25,000/-)

**The Subcommittee members have not considered the Enhancement of Ph.D fellowships.**

**The members of the Governing Council may approve and ratify the same.**

- Request from The Head, CNST for Consideration of students admitted under sponsored quota, who are not availing any fellowships for the academic years 2012 and 2013.

**The Subcommittee members have not considered award of assistanceship to the Sponsored category students.**

**The members of the Governing Council may approve and ratify the same.**



- Request from The Head, CNST for Consideration of students admitted in to the new M.Tech PG. Program in Nano-electronics and Photonics
- **The Subcommittee members have not considered award of assistanceship to the M.Tech PG. Program in Nano-electronics and Photonics.**

**The members of the Governing Council may consider andratify the same.**

4. Constitution of Committee for IIC.

**The Subcommittee members have constituted a committee to take up activities under IIC. The constitution of IIC Committee is as follows:**

S.No	Name of the member	Designation	Role
1.	Dr.A.JayaSree	Director (i/c) , IST, JNTUH.	Chairperson
2.	Dr.M.Anji Reddy, Prof. of EST, & Director,R& D, JNTUH	BoG Member	Member
3.	Dr.B.Venkateswara Rao, Professor of WR.,& Director, SCDE, JNTUH	BoG Member	Member
4.	Dr.M.LakshmiNarasu, Prof. of Biotechnology, Centre for Biotechnology, IST, JNTUH	BoG Member	Member
5.	Dr.T.Vijayalakshmi	Nodal Officer : academic	Member

**The members of the Governing Council may consider and ratify the same committee.**

5. Reconsideration of BoG Approved equipment of Rheometer costing Rs 22.00 lakhs in exchange with AAS and Computers.

In Centre for Chemical Sciences and Technology, procurement of item Rheometer was approved in the minutes of the 2<sup>nd</sup>BoG. A request has been placed before the Subcommittee for consideration of change of equipment Rheometer costing Rs 22.00 lakhs in exchange with AAS and Computers.

The members of the subcommittee approved the same.

**This members of the Governing Council may consider for ratification of the same.**

6. Consideration of proposed activities under various heads, submitted by the faculty members :

Various proposals have been submitted by the Faculty members / Centers under difference heads for approval. The members of the subcommittee have discussed and is being placed before the members of the Governing Council for consideration and approval.

However, members of the subcommittee felt that the proposals may be resubmitted, by giving proper justification and outcome based activities and may be placed for approval and consideration.

**The members of the Governing council may consider and approve the same.**

All the proposals were revised and submitted for approvals.

7. Payment of Honorarium/ sitting allowance to the members of the committees formed.

As per the University norms, an amount of Rs 2000/- ( Rupees Two Thousands Only) may be approved and paid as honorarium / sitting allowance to the members.

**The members of the Governing Council may sanction and ratify the same.**

**All the abovementioned items have been discussed by the members of the subcommittee, and are placed before the members of the Governing Council for ratification and necessary approvals.**

**AGENDA02/ 5BoG\_Feb'15**

**Item No. 2.1**

**Sub: Consideration and approval of Procurement of equipments and Permission to place purchase orders.**

Procurement of Items at various Centers have been initiated as per the procedures of the PMSS, through NPIU. All the approved items have been called for quotations.

Members of the Centre wise purchase committee and institutional purchase committee were involved in opening of the tenders, technical evaluation of the tenders and in preparing the comparative statements.

The status of the Procurement of equipment Centre wise is given below.

**The members of the Governing council may consider, approve and permission may be accorded to place the purchase orders, accordingly.**

Centre Wise Procurement Status : for consideration and approvals.					
S.NO	CENTRE AND ITEM	SUPPLIER	AMOUNT		REMARKS
			Estimated cost in RS	Actual cost in RS	
1.	CBT-HEAT TRANSFER LAB	KC ENGINEERS	Rs. 875,580/-	Rs. 9,22,605/-	L1 Supplier
2.	CCST-MAT LAB	CAPRICOT TECHNOLOGIES PRIVATE LIMITED	Rs.500,000/-	Rs. 5,24,097/-	Proprietary Supplier
3.	CCST -ADVANCED FLOW REACTOR	CORING SAS	Rs. 1,100,000/-	Rs. 8,40,114.30/-	Proprietary Supplier
4.	CCST- FTIR	HORIZON ACCESS TECHNIQUES	Rs. 1,200,000/-	Rs. 11,97,000/-	L1 Supplier
5.	CEN- SPATIAL ANALYST	NIIT GIS LTD	Rs. 600,000/-	Rs,6,45,480/-	Proprietary Supplier
6.	CEN- DGPS	LAWRENCE & MAYO (INDIA) PVT. LTD TRICAD DESIGN CONSULTANTS PVT LTD AAB ENGINEERING SSB ENTERPRISES	Kept under HOLD		
7.	CEN-CHEMICAL STANDARDS	QSP INSTRUMENTS	Rs.170,000/-	Rs.1,69,827/-	L1 Supplier
8.	CEN- COD REACTOR	SAVANT INSTRUMENTS PVT. LTD	Rs.96,000/-	Rs.96,374.15/-	L1 Supplier
9.	CEN- ELECTRODES FOR ION ANALYSER	TRIDENT EQUIPMENTS PVT. LTD	Rs.175,000/-	Rs.1,78,192/-	L1 Supplier

10.	CEN-FUMHOOD	SUSHEETRONICS	Rs.67,200	Rs.67,200/-	
11.	CEN-GASIFICATION UNIT	UNIVERSAL ENGINEERS	Rs. 145,000/-	Rs.1,44,935/-	L1 Supplier
12.	CEN- PCR	EPPENDORF INDIA LTD	Rs.400,000/-	Rs. 4,10,000/-	L1 Supplier
13.	CEN- HPLC	SPINCOTECHPVT LTD	Rs.2,000,000/-	Rs. 18,99,750/-	Two P.O's need to be issued
14.	CEN-INCINARATOR	QSP INSTRUMENTS	Rs.130,000/-	Rs.1,28,992/-	L1 Supplier
15.	CEN- AUTOMATIC DISTILLATION SYSTEM AND DIGESTION SYSTEM FOR KJELDHAL SYSTEM	PELICAN EQUIPMENTS	Rs.298,601/-	Rs.2,98,544/-	L1 Supplier
16.	CEN- LIQUID NITROGEN	INOX INDIA LTD			L1 Supplier
		HARSHITHA SCIENTIFIC INSTRUMENTS			
		SUSHEETRONICS			
17.	CEN- OZONE GENERATOR	ALPHA POWER	Rs.186,000/-	Rs.1,85,000/-	L1 Supplier
18.	CEN- ROTAVAPER	HARSHITHA SCIENTIFIC INSTRUMENTS	Rs.170,000/-	Rs.1,64,850/-	L1 Supplier
19.	CEN- SILICOCAN CANISTERS	LABINDIA INSTRUMENTS PVT. LTD	Rs.195,018/-	Rs.1,94,630/-	L1 Supplier
20.	CEN-STACK MONITRING INSTRUMENTS	VAYUBODHAN UPKARAN PRIVATE LIMITED.	Rs.177,800/-	Rs.1,00,643/-	L1 Supplier
21.	CEN-MILLIPORE	MILLIPORE (INDIA) PRIVATE LIMITED.			L1 Supplier
		HARSHITHA SCIENTIFIC INSTRUMENTS			
		ADROITEC SYSTEMS LIMITED			
22.	CNST-AC	VIGG ELECTRONICS	Rs.70,000/-	Rs. 68,380/-	L1 Supplier
23.	CNST-LAPTOPS	UNITED SYSTEM & NETWORKS	Rs.150,000/-	Rs. 1,23,000/-	L1 Supplier

24.	CNST-INCUBATION SHAKER	VERDANT SCIETECH INDIA PVT LTD	Rs.200,000/-	Rs. 1,86,061/-	L1 Supplier
25.	CNST-AUTOCLAVE	VERDANT SCIETECH INDIA PVT LTD	Rs.200,000/-	Rs. 1,53,038/-	L1 Supplier
26.	CNST-CYCLIC VOLTAMMETERY	METROHM INDIA LIMITED	Rs.20,23,000/-	Rs. 19,84,290/-	L1 Supplier
27.	CNST-DI WATER PLANT	INEXUS BIOTECH PVT.LTD	Rs.3,82,000/-	Rs. 3,82,500/-	Proprietary Supplier
28.	CNST-DIGITAL WEIGHING MACHINE	VERDANT SCIETECH INDIA PVT LTD	Rs.100,000/-	Rs. 97,125/-	L1 Supplier
29.	CNST-HOT AIR OVEN	MH ENTERPRISES	Rs.70,000/-	Rs. 52,280/-	L1 Supplier
30.	CNST-INCUBATORS	MH ENTERPRISES	Rs.300,000/-	Rs. 1,57,862/-	L1 Supplier
31.	CNST-LAMINAR AIR FLOW	VERDANT SCIETECH INDIA PVT LTD	Rs.150,000/-	Rs. 1,48,850/-	L1 Supplier
32.	CNST-NANO FLUIDCINTERFERROMETER	MITTAL ENTERPRISES	Rs.300,000/-	Rs. 3,47,625/-	L1 Supplier
33.	CNST-REFRIGERATORS	OM SAI ELEC & HOME APPLIANCES	Rs.40,000/-	Rs. 39,200/-	L1 Supplier
34.	CNST-SOLAR SIMULATOR	METROHM INDIA LIMITED	Rs.15,00,000/-	Rs. 12,85,451/-	L1 Supplier
35.	CSIT-A0 SCANNER	CAD CENTRE INDIA PVT LTD	Rs.6,00,000/-	Rs. 5,98,500/-	L1 Supplier
36.	CSIT-COMPUTERS	The specifications are specific to Dell make and hence the departmental committee rejected the processing the case on limited tender base .			
37.	CSIT- ORACEL SW	PINNACLE NANOTECH INDIA PVT LTD	Rs.500,000/-		3 quotations are received and lowest offer given by Pinnacle Nanotech India PvtLtd .however the departmental purchase committee said that rates are unreasonably high.

38.	CSIT-ARC VIEW	3 quotations are received and item is proprietary to L1 i.e NIIT GIS Ltd, the committee suggested to process the case under propriety clauses			
39.	CWR-AAS	SMART LAB TECH PVT.LTD	Rs.18,50,000/-	-	The departmental committee felt the specification are not general and hence rejected processing .
		METSAR TECHNOLOGIES PVT. LTD			
		SCIANA INSTRUMENTS PVT LTD			
40.	CWR-RADIO SPECTROMETER	SINSIL INTERNATIONAL	Rs. 10,00,000/-	-	Only two quotations are received and hence departmental committee rejected processing the case.
		SPECTRA AGRITEC			
		ELECTROTEX INTERNATIONAL			
41.	CWR-MIKE SHE	DHI WATER & ENVIRONMENT PVT LTD	Rs.6,00,000/-	-	The departmental committee rejected since all the 3 quotation were receiving from the same Indian source
		DHI WATER & ENVIRONMENT (S) PVT LTD.			
		DHI			
42.	IST E-BOOKS	RASESH N SHAH	Rs. 2,000,045.60	Rs. 19,52,445/-	P.O

The members of the Governing council may consider , approve and permission may be accorded to place the purchase orders, accordingly.

**AGENDA02/ 5BoG\_Feb'15**

**Item No. 2.2**

**Sub:-Consideration and Permission to change the items / status under procurement w.r.to item :**

Item gasification Unit has been approved for Center for Environment, in 2<sup>nd</sup> BOG resolutions. Under procurement process, the item was listed proprietary item. However, gasification unit is not a proprietary item and permission may be sanctioned to procure the same under shopping category.

**The members of the Governing council may consider and approve the same.**

**AGENDA 03/ 5BoG\_Feb'15**

**Item 3.1**

**Sub: Consideration and permission to admit the students against vacant seats, under TEQIP II Ph.D Fellowship.**

As per the resolutions of the 2<sup>nd</sup>BoGmeeting , and IDP, 18 fellowships may be awarded to the Ph.D students under TEQIP funds.

The Director, Admissions, JNTUH has through entrance examination, shortlisted 11 students, out of 18. A total of 8 students have joined in the Ph.D program. Presently, ten vacant seats are available and the Member of the Governing Council may give approval and permit to fill the vacant seats under TEQIP II Ph.D Fellowship.

**The members of the Governing council may consider and approve the same.**

**Item 3.2**

Sub: Consideration and approval of P.G. Assistanceship to the students of M.TechNano Electronics and Photonics, a new P.G program, started from 2014-2015 academic year.

A request from, Head of the CNST has come for consideration of the P.G. Assistanceship to the students of M.TechNano Electronics and Photonics, a new P.G program, started from 2014-2015 academic year.

**The members of the Governing council may consider and approve the same.**



## AGENDA 04/5BoG\_Feb'15

### Item 4.1

Sub:- Consideration and Approval of shifting and establishment of E-Library in the 3<sup>rd</sup> Floor of IST, from 2<sup>nd</sup> the existing Floor of IST.

E-Library at IST requires expansion because of the limitation in the working space and is advised to shift e- library from 2<sup>nd</sup> floor IST to 3<sup>rd</sup> floor IST, and there is requirement of Constructing Computer tables with necessary power and LAN connections, and Construction of a cabin 10 ft X 10 ft to keep server and UPS in the 3<sup>rd</sup> floor.

The administrative permission may be granted to The Director, IST, for shifting of the same. For the same work, an approximate amount of Rs 8,00,000/- may be incurred. This may be met from the head of the Civil works, under TEQIP II funds.

**The members of the Governing council may consider and approve the same.**

### Item 4.2

Sub:- Consideration and Approval of Procurement of 2 UPS Units with one hour backup for E-Library and at Examination branch, IST, JNTUH

There is a requirement of UPS Procurement with one hour backup for E-Library and at Examination branch, IST, JNTUH. The approximate cost may be Rs 5,00,000/- and may be met from the head of Procurement of goods / items of TEQIP II funds.

**The members of the Governing council may consider and approve the same.**

### Item 4.3

**Sub:-** Consideration and Approval to Conduct Scientific workshops on behalf of all the Centers in the context of Silver Jubilee celebrations of IST for three days in the month of March.

In view of the Silver Jubilee celebrations of IST, The Director, Faculty and Students of IST wish to organize and conduct various techno-scientific workshops, exhibition of research works at all the Centers , expert lectures during the month of March, 2015.

The members of the Governing Council may give administrative sanction to the Director, IST, and an amount of Rs 3,00,000/- may be sanctioned from the IOC, head of TEQIP II funds.

**The members of the Governing council may consider and approve the same.**

### **AGENDA 05/ 5BoG\_Feb'15**

#### **Item 5.1**

Sub:- Consideration and Approval of major activities proposed by all the Centres/ Faculty members under various heads, of TEQIP II grants.

All the Centers of IST have proposed number of activities under different heads of TEQIPII like R&D, FSD, IIIC, and Student support programs. The list of proposed activities Centre wise / activity wise is placed for consideration, and necessary approvals.

As advised in the previous meetings, herewith furnish the details of expenditure incurred so far under various heads is given as annexure 3.

The consolidated list of activities with proposed budget is presented under different activities, Centre wise is presented in annexure 4.

The item wise list of activities / sub activities submitted by the faculty individual faculty members is presented in the following sections, for kind perusal and approvals. .

**Proposals submitted by CBT:**

<b>SI N O</b>	<b>Centre&amp; Faculty</b>	<b>Activities</b>	<b>Description of Activity</b>	<b>Approx (RS)Amount</b>
1.	Dr.Archanagiri	R&D	1. PG student project entitled "Bioengineering of therapeutically important centellosides (Triterpenoids) from <i>Centellaasiatica</i> "	150000/-
2.	Dr.Archanagiri		PG student project Isolation and characterization of antimicrobial bioactive compounds from <i>Salacia oblonga</i> Wall" "	30000/-
3.	Dr.Archanagiri		PG student project "Production of high value recombinant protein adiponectin in plant cell cultures"	30000/-
4.	Dr.ArchanagiriDr. L.Saida		Expenditure towards purchasing of Chemicals for Academic Project work of three students	25000/-
5.	Dr. M. Lakshmi Narasu,	R&D	Project proposal entitled "STUDIES ON PHYTOCHEMICAL ANALYSIS AND ANTICANCER POTENTIAL OF <i>HERITIERA FOMES</i> BUCH	2,00,000/-
6.	Dr. M. Lakshmi Narasu,		Project proposal entitled "STUDIES ON SECONDARY METABOLITES OF <i>SESUVIUM PORTULACASTRUM</i> L. AND THEIR APPLICATIONS IN BIOCONTROL AND CHEMOPREVENTION	2,00,000/-
7.	Dr. M. Lakshmi Narasu,	CIVIL WORKS	Partition for primary culture lab	350000/-
8.	Dr.L.Saida	FSD	To attend International Training Programme on "Recent research trends in Microbial fuel cells& Bio fuels Technology" during May to June 2015 in Belgium	569000-00

9.	Dr.L.Saida		Student Major proposalEntitled ”Pre-treatment techniques on lignocellulosic waste obtained from different industries and purification of cellulase enzyme.”	150000/-
10.	Dr.L.Saida CBT		Student Major proposalEntitled“Enhancing Cellulase production and enzymatic hydrolysis using Bacillus sp by statistical techniques with lignocellulosics”	150000/-
11.	Dr.L.Saida CBT		Student Major proposalEntitledComparitive Kinetic studies of Cellulase and Xylanase produced by yeast on lignocellulosics”	150000/-

**Proposals submitted by CCST:**

S.No.	Activities	Description of Activity	Approx. Cost in Rs.
1	R&D	PG Students project 1.Characterization of materials by SEM, XRD, TEM, AAS, GC etc., 2. Chemicals, glassware & adsorbents	2,00,000/- 2,00,000/-
2		PG Students, Faculty Publication charges for publishing research papers in reputed journals.	1,00,000/-
3		International Conference on “Recent Advances in chemical Science & Technology(RACST-2015)” at CCST, IST during 17 <sup>th</sup> -19 <sup>th</sup> June-2015	3,50,000/-
4	FSD	Equipment required for conducting practicals of Ph.D work of Mrs. A. Meenakshi	2,00,000/-
5		Dr.A Jaya Sree, training program , FSU, USA, during Sept, 2015	5,00,000/-
		Dr.T.Balanarasaiah, training program at Western, Ontario University Canada, Aug, 2015	5,00,000/-
		Ms. Meenakshi, training program at Illinois University, USA, Aug, 2015	5,00,000/-
6		2 day work shop on “Stepping in to Advance flow Reactors ” during 25th-26th February 2015	1,00,000/-
7		5 day work shop on “Sustainable energy” 2-6, February 2015	2,00,000/-
8		Towards attending workshops, seminars by students & faculty	3,00,000/-
9	IIIC	Interaction of faculty, students with IICT, CMET, ARCI	2,00,000/-
10		Pre-placement talk, conducting placement exams and group discussion	1,00,000/-
11		Internship of PG students during summer vacation at various industries in Hyderabad.	1,00,000/-
12	Reforms	Accreditation of M.Tech (Chemical Technology)	5,00,000/-
13	Others	Software, Chemito equipment, To do practical experiments in the department by the students & faculty	1,00,000/-
14	Others	COMSOL Simulation work in the department	10,00,000/-
15	Under refurbishment/ civil works	Expenditure towards purchasing 10KVA UPS(1NO)	2,50,000/-
16.		Upgradation of PG Laboratories : iron workbenches with granite table top, wash basins, fuming cup boards, along with necessary plumbing and electrical connections, for two P.G laboratories.	8,00,000/-



**Proposals Submitted by CEN:**

S.No.	Centre& Faculty	Activities	Description of Activity	Approx. Cost in Rs.
1.	Dr.VHimaBindu CEN	IIC	i. Bio-hydrogen production from distillery spent wash ii. Treatment of electroplating industrial waste water. iii. Acid recovery from industrial waste water iv. Nanocarban production using industrial VOC emissions from tyre pyrolysis unit.	<b>4,25,000.00</b>
2.	Dr.VHimaBindu CEN	Support to Weak Students (3expert Lectures)	1.Expert lecture lectures from NEERI on Solid waste management 2.Expert lecture lectures from NEERI on waste water treatment methods 3.Expert lecture lectures from NEERI on air pollution technologies	60000/-
3.	Dr.VHimaBindu	Expenditure towards patenting		<b>40,000/-</b>
4.	Dr.VHimaBindu	FSD	1. Solar energy training program 2. Pollution monitoring and control technologies 3. Training program on air pollution monitoring for M.Tech Students and research scholars 4. Training program on Carbon Sequestration Analysis at Griffith University , Australia, Two , weeks in , Dec, 2015 5. Training on Solar photovoltaics, at IIT-Mumbai	<b>3, 00, 000/-</b>     <b>3,50,000/-</b>  <b>20,000/-</b>
5	Dr.VHimaBindu	CIVIL WORKS	Civil works and experimental work repair,	<b>50,000-00</b>
6	Dr.VHimaBindu		Cupboard repair and tops repair Table and chairs for laboratory	<b>1,20,000/-</b>
7	Student Field work		Visit to industries , CETP's	<b>50,000-00</b>

S.No	Centre& Faculty	Activity	Item	Objective / Justification	Approximate amount
8	Dr.T.Vijaya Lakshmi	R&D	1.PG students Projects 2.Hydrological Modelling. (Satellite Data) 3.Geospatial Technologies for forest management.( Satellite Data)	To carry out modelling studies on Water shed Hydrology) Approach for Forest management using spatial technologies	3,50,000/-
9	Dr.T.Vijaya Lakshmi	FSD	3 <sup>rd</sup> International conference on Environmental Management. Focal theme : Light and Light based technologies for Environmental Management.	Conference will be a platform for exchange of ideas, networking with national and international organizations, academia and knowing the advances.5 <sup>th</sup> -8 <sup>th</sup> Oct-2015	3.5 lakhs
		IIC			
10			Development of Algorithm in image processing for feature extraction , automatic change detection	M/S MobiterraPvt Ltd	Rs5,00,000
11			Dept of Civil Engineering, IIITH , IISM and RSI Pvt Ltd.	Organizing in-house training to students of EGM, SIT and GST on Hybrid technologies for surveying 3 <sup>rd</sup> week of March , 2015	1,25,000/-
12	Dr.T.Vijaya Lakshmi	Student support	Expert Lectures	1.Hyperspectral remote sensing-SAC, 2.Hybrid Technologies-IISM 3.Advance digital image Processing-INCOIS 4.Natural Resource Management	50,000/-
12.	Dr.T.Vijaya Lakshmi	Refurbishment of P.G lecture halls	Equipping the PG lecture class rooms with LCDs and appropriate furniture		1,50,000/-
13.	EMF, under Civil Works		repairs and maintenance of wash rooms attached to CEN,at 3 <sup>rd</sup> Floor, Old IST building,		2,00,000/-



## Proposals submitted by Dr.Ch.Sasikala, Head, CEN, IST

.No	Activity	Sub activity	Item	Objective / Justification	Beneficiaries	Output	Tentative dates	Approximate amount
1.	R&D	Expenditure incurred on research projects taken up by PG/PhD students	1. metagenome analysis	Determination of microbial diversity of effluent treatment plants. Metagenome enables study of diversity of even those bacteria which cannot be cultivated and thus aids in understanding microbial ecology.	PG Students, faculty and Research Scholars	Research, knowledge about bacterial diversity will enable identification of beneficial microbes which can be exploited through bioaugmentation for waste treatment	1 year	1,00,000=00
			2.Outsourcing of LCMS/GC-	For determining the metabolome which enables discovery of bioactive compounds and metabolic pathway elucidation	PG Students, Research Scholars and faculty	Research	1 year	75,000=00

			MS analysis					
			3) DNA (Gene/genome sequencing)	Gene/genome sequences help in understanding phylogenetic relationships of microorganisms. Total genome sequences will be necessary to assess the genetic potential of microorganisms for different environmental applications.	PG Students, Research Scholars and faculty	Research	1 year	3,00,000=00
			4. Fabrication of photobioreactors for mass cultivation of photrophic purple bacteria.	Phototrophic purple bacteria have several industrial application and their mass cultivation is very essential for their successful adaptation for industrial use.	PG Students, Research Scholars and faculty	Bioreractors for mass cultivation of photrophic purple bacria		4 lakhs

		Research Publications in Journals	1. Genome announcements	Dissemination of research findings,	Faculty & research scholars	Research	Current, accepted for publication	63,000/-
			2. BMC Res. notes	Dissemination of research findings,	Faculty & research scholars	Research	Under review	60,000/-
		Organizing conferences for R& D topics						

		Patenting of Research products	Bacterial inoculants for oil bioremediation	To degrade oil pollution rapidly in an efficient manner in polluted environments	Faculty & research scholars	IPR	6 months	30,000/-
2.	FSD	Expenditure on faculty members attended training in subject domain	-	-	-	-	-	-
		Expenditure on faculty members attended pedagogical training	-	-	-	-	-	-
		Expenditure on organising in house subject area training Programs/ Workshops/ seminars / conferences / continuing education programs.	In house workshop on "Metabolomics" 5 days	metabolome analysis is an important tool for elucidating the metabolic pathways and end products of pollutant degradation by microorganism	PG Students, research scholars, faculty.	Trained manpower in new techniques establishing and Strengthening networking,	Jul-August 2015	2 lakhs
			One day workshop on "Bacterial diversity for environmental management	It is aimed at giving theoretical background and practical exposure for an eco-friendly sustainable sewage treatment system	Faculty, research scholars and PG students	Knowledge dissemination enabling taking informed decision on sewage treatment systems	February, 2015	1 lakh

			”					
			1 day National seminar on “Science for Nation building”	nurturing scientific temper	Faculty, research scholars and PG student	Have a dialogue on the topic, networking	28 <sup>th</sup> February, 2015	1 lakh
		Expenditure on participation by faculty in Seminar/ Conferences/ workshop etc.	International symposium on phototrophic prokaryotes, and attending meeting of International Sub committee on the taxonomy of phototrphic prokaryotes.	Research dissemination knowing about recent advances in my area of research, professional body’s meeting	Faculty and research scholars and PG students indirectly	Network with researchers and acedemicians	August 2-6 2015	

3.	IIC	Expenditure on short term programs with industry	1). Integrated constructed wetlands for sewage treatment:	A demonstration system at Old IST building	Faculty, research scholars and PG students and Industry	A demonstration system at Old IST building, which will be used also for conducting several workshops. It will be catalyst for establishment of several such systems at other educational institutes, residential colonies etc, aiding in localised ecofriendly cost-effective solutions for sewage treatment.	6 months	5 lakhs
2)	Formulation of Purple bacterial inocula for bioremediation of aquaculture ponds		Field trials for use of purple bacteria in aquaculture ponds.  (M/S Biovision crop sciences, Bhimavaram)	Faculty, research scholars and industry	Effective purple Bacterial inocula for bioremediation of aquaculture ponds	6 months	2,00,000/-	
3)	Development of		Faculty, research	Bioinoculants for	6 months	2,00,000/-		

			Bioremediation of oil contaminated soils through land farming	microbial inoculants for soil bioremediation  (M/S Ramky Enviro engineers pvt. Ltd, Hyderabad)	scholars and industry.  for culture vessels for large scale cultivation, chemicals, analysis of environmental parameters and fish quality	oil bioremediation		
			4) Bacterial biocolorants for food, cosmetics, etc.	Evaluation of bacterial pigments as coloring agents  (M/S SomPhytopharma, hyderabad0		Safe and healthy alternatives to harmful coloring agents	6 months	3,00,000/-
		Expenditure on academic networking with other institutions	Training course on anaerobic cultivation of microorganisms.  (Department of plant sciences, University of Hyderabad)	Bacterial discovery lab, has extensive experience and expertise in anaerobic cultivation of bacteria which is specialised capability. The role of anaerobic microorganism in biofuel production, commodity chemical production and disease etc. is indisputable. We are getting requests from several researchers for	Students, faculty members and Research scholars.  Towards course material, honorarium, glassware and chemicals	Many researchers will start wicking on anaerobic bacteria, dissemination of our expertise gained through 3 decades of work with anaerobic bacteria. .	15 days. .	3,00,000/-

				training in anaerobic cultivation.				
4.	Student support		Expert Lectures	<ol style="list-style-type: none"> <li>1. Phytoremediation/constructed wetlands</li> <li>2. Biorefineries</li> <li>3. Biodiversity</li> </ol>	Students, faculty members and Research scholars			20,000/-



**Proposals Submitted by CNST:**

S.No (1)	Activities (2)	Sub activity Expenditure (3)	Items required & Quantity (4)	Approx. Cost in Rs. (8)
1	R&D	Incurred on Research projects taken by PG students	(1) Testing charges for SEM, TEM, EDAX, FTIR, Solar Simulator etc., L.S  (2) Consumables like Chemicals & other lab accessories like protective gloves etc.,	5,00,000/-  3,00,000/-
2	R&D	Incurred on research publications in engineering in referred journals	Publication charges L.S	1,00,000/-
3	R&D	Organizing Conferences for R&D topics	NIL during 2015	NIL
4	FSD	Faculty with M Tech enrolled for PhD in engineering against total M Tech faculty.  CH.ShilpaChakra, Assistant Professor of Nanotechnology	Testing charges, Consumables etc.,	2 lakhs already spent & 1 addition required total 3 lakhs
5	FSD	Faculty members attended training in subject domain	(1) Training of academic assistants in the fields of AFM, Lithography and thin films at ARCI, IISc etc.,  (2) Training & Advanced Characterization testing nanoparticles for cancer cure for Ms.CH.Shilpa	2,00,000/-  The cost per training for 1 to 3 months.  Single return Airfare: 70,000/-  Stay @ 3,60,000/- per

			Chakra, Assistant Professor of Nanotechnology	month.
6	FSD	Organizing in house subject area training Programs/ Workshops/seminars/conferences/continuing education programs	FDP for TEQIP & non TEQIP for 20-25 persons	(1) Conveyance charges-60,000 (2) Honorarium-50,000 (3) Handouts-5,000 (4) Hospitality-50,000 (5) Lunch, Breakfast & tea charges-1,50,000/- Total:3,15,000/-
7	FSD	Participation by faculty & Scholars in Seminar/Conferences/workshop etc.,	NA	3,00,000/-
8	I-I-I-Cells	Academic networking with other institutions	Contacts with ARCI, IICT, NED Energy. (3 interactions)	50,000/-
9	I-I-I-Cells	Incurred on Campus placements (PG)	Organizing HRD meet	1,00,000/-
10	I-I-I-Cells	PG Students attended industrial internship	Expenditure for attending like conveyance, data collection & hospitality	1,00,000/-
11	Reforms	Accreditation fee for NBA	L.S	5,00,000/-
12	Others	Incurred on Research projects taken by PhD students	(1) Function generator 100MHz  (2) K-type Thermocouple	1,20,000/-  1,00,000/-

			(3) Power Suppliers (2 No.s)	1,00,000/-
13	Others	Others	Lab table for installation of new equipment procured under TEQIP-II with power points of 15 Amps, 10 no's for each table, a total of 10 no's of Appx size 2mt*1mt and height of 1.2 mts	1,75,000/-
14	Others	Others	Cupboards and glass door almaras for housing library books 6 no's	90,000/-
15	Others	Others	Wooden cupboards in labs	60,000/-
16	Others	Others	Lab furniture like chairs & stools	50,000/-
17	Others	Others	Stainless steel pipelines assorted sizes for bio nanotechnology lab	1,00,000/-
18	Others	Others	DC power supplies for New equipment under process like AC-DC converters, dimmer stats etc.	2,00,000/-
19	Others	Others	Main switches and starters for the new labs	50,000/-
20	Others	Others	Temperature controllers for new equipment	90,000/-
21	Others	Others	Minor civil works for the labs like protection walls etc	30,000/-
22	Others	Others	Expenditure for modernizing classrooms like animation etc	5,00,000/-

23	P.G Stude nt suppor t	Mr.Ashok and Mr.ganapathi Rao	Participated in the workshop on semi conductors and devices at Anna University, Chennai. , Feb, 2015.	10,262/-
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**Proposals Submitted by CSIT**

S.No.	Activity	Sub activity	Item	Objective / justification	Output	Approximate amount
1	R & D	Expenditure incurred on research projects taken up by M.Tech students	1.Resource management using Geo spatial applications	1.Estimation of mineral resources 2.Assessment of water resources For a selected district 3.Drought assessment 4. soil content study 5. agricultural applications	Research	Rs. 5,00,000
			2. developing Village information system	1. LULC mapping 2. Drainage mapping 3.preperation of high resolution base maps	Research	Rs. 3,00,000
			3.GPR applications	1. assessment of ground water potential	Research	Rs. 2,00,000

2		Research publications in journals	<p>1.High resolution Base map preparation- case studies</p> <p>2.wireless sensor networks for automated field data collection</p> <p>3.sardine distribution pattern using satellite remote sensing and gis application – a study</p> <p>4.Automation of Global Telecommunication System Data Processing</p> <p>5. Paper presentation in national conference</p>		Research	Rs. 1,25,000
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**Proposals Submitted by CWR:**

SI NO	Centre & Faculty	Activities	Description of Activity	Approx (RS) Amount
1	Dr.B.VENKATESHWAR RAO	<b>Civil works</b>	Repair works at Hydrometeorological Station of CWR near JNTUH play ground.	
			Certain repair works at Room No. 624	
2.	Dr.B.VENKATESHWAR RAO	<b>FSD</b>	Training Programme on Groundwater Modelling March 16 <sup>th</sup> - 20 <sup>th</sup> , 2015	<b>100000/-</b>
3	Dr.B.VENKATESHWAR RAO	R & D	Expenditure towards Publications in research journal	35000/-
4	Dr.B.VENKATESHWAR RAO	R & D	P.G students research project work	40000/-
5	Dr.B.VENKATESHWAR RAO	FSD	Attending International conference in Italy during Aug 2015	200000/-
7	M.V.S.S. Giridhar	CIVIL WORKS	Cup boards in class room , Notice board Cup boards in Head room	50,000/-
8	M.V.S.S. Giridhar	Support for Weak Students	4 expert lectures International day of action for rivers	20000/-
9			4 expert lectures World Water day	20000/-
10	Dr.RamMohan Reddy	Procurement & Civil works	Extension & Updation of lab	6,50,000/-
11	Dr.RamMohan Reddy	FSD	Soft skills training	2,00,000/-
12	Dr.RamMohan Reddy	Procurement	Modernizing lab	3,00,000/-
13	Dr.RamMohan Reddy	FSD	Pedagogy training 20 No's	3,00,000/-

14	Dr.RamMohan Reddy	FSD	Organizing workshop on visual mod flow for pollute transport modelling	200000/-
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**Proposals submitted by Dr.M.V.S.S. Giridhar, CWR:**

<b>R&amp;D</b>	<b>Research projects taken by UG /PG students</b>	
	<b>Title of the proposal:</b>	Development of Hybrid Power Generation Model using Solar and Wind
	<b>Justification</b>	<ul style="list-style-type: none"> <li>• To install Solar PV technology in order to trap solar radiation for converting into electrical energy.</li> <li>• To setup wind turbine for converting wind energy into electrical energy.</li> <li>• To collect rain water from roof top for generating electrical energy using Kaplan (propeller) turbine and alternator.</li> <li>• To regulate these energies using remote terminal unit.</li> <li>• To optimize energy requirement using above non conventional energy resources</li> </ul>
	<b>Significance</b>	<ul style="list-style-type: none"> <li>• To disseminate the developed research and expand to larger areas.</li> <li>• To meet the increasing energy demand through non conventional energy sources.</li> <li>• To reduce the environmental pollution using clean technology or environmental friendly technology.</li> <li>• To give the demonstrations to vivid organizations,institutions,urban civil groups etc.,</li> <li>• To create awareness among people regarding renewable energy resources.</li> </ul>
	<b>Number of beneficiaries</b>	Centre for water resources
	<b>Approximate budget:</b>	Total cost : Rs.69,579/- Amount already received from IEI, India : Rs.60,000/- <b>Balance amount requesting from TEQIP : Rs. 9, 579/-</b>
	<b>Tentative proposed date</b>	Project implemented and completed.
<b>R&amp;D</b>	<b>Research projects taken by UG /PG students</b>	
	<b>Title of the proposal:</b>	A Novel Physical Model For StormwaterFiltration Using Geomembrane
	<b>Justification</b>	<ul style="list-style-type: none"> <li>• To modify the existing traditional storm water filtration system using Geo-membrane filter.</li> <li>• To assess the efficiency of the Geo-membrane filter along with traditional filter for contaminated storm water.</li> <li>• To assess the efficiency of the Geo-membrane as top layer by replacing sand layer to filter contaminated storm water.</li> <li>• To improve the storm water quality before injecting into the aquifers directly, so as to avoid aquifer contamination in the future.</li> </ul>
<b>Significance</b>	<ul style="list-style-type: none"> <li>• To disseminate the developed research and expand to larger areas.</li> <li>• To meet the increasing water demand through efficient rain water</li> </ul>	



	<p>harvesting technologies.</p> <ul style="list-style-type: none"> <li>• To reduce storm water contamination along with safe ground water augmentation.</li> <li>• To give the demonstrations to vivid organizations, institutions, urban civil groups etc., and create awareness about this novel physical model.</li> </ul>
<b>Number of beneficiaries</b>	Centre for water resources
<b>Approximate budget:</b>	Rs.1,00,000/-
<b>Tentative proposed date</b>	PG-Project-One year

<b>Seed grants for research by faculty</b>	
<b>Title of the proposal:</b>	<b>Urban surface water quality assessment in around GHMC</b>
<b>Justification</b>	<ul style="list-style-type: none"> <li>• The primary objective of this project is to identify the most important drivers to the loss and degradation of Hyderabad's water bodies.</li> <li>• To collection of historic land cover data and remote sensing images. Topographic data and satellite images will be used to map the temporal trend of the loss of water bodies over the last century.</li> <li>• To determine the drivers of the decadal trend in the loss of water bodies in Hyderabad, use historic India toposheets (before freedom and more recent), satellite data (MSS, ET and more recent Indian satellite data), land cover information together with socio-economic data from national and international sources.</li> <li>• The loss of water quality and ecosystem functioning will be determined through a two year series of measurements of water quality, ecosystem conditions and remote sensing observations in water bodies in Hyderabad.</li> <li>• To determine the spatial and temporal dynamics of key water quality and lake ecology parameters, 30 lakes in and around Hyderabad will be identified for regular monitoring</li> <li>• Changes in total water storage throughout Hyderabad will be used to estimate changes in groundwater recharge for the city.</li> <li>• Water quality measurements and a remote sensing water quality are analyzed</li> </ul>
<b>Significance</b>	<ul style="list-style-type: none"> <li>• The results of the project will increase our understanding of the status of freshwater bodies in Hyderabad and their potential value as clean water recharge areas.</li> <li>• The expected results of the project include; water quality maps that can be used to identify priority water bodies for conservation, restoration and monitoring, baseline measurements to detect change in water quality and hydrology attributes over time and a robust citizen scientist network of engaged and informed persons.</li> </ul>

	<ul style="list-style-type: none"> <li>• These results will provide fundamental new information about Hyderabad's environment and the key areas that require protection. Our aim is that these data are used to improve the condition of the freshwater environment. Expected top down effects include possible changes to statutory policies for monitoring and protection of clean water habitats, and bottom-up effects through the involvement of many volunteers, who together can increase grass-roots pressure for change and action at a local level.</li> <li>• The results of the present research will be used to inform policy and management decisions by the local and national governments</li> </ul>
<b>Number of beneficiaries</b>	
<b>Approximate budget:</b>	Rs.5,00,000/-
<b>Tentative proposed date</b>	Two years

	<b>Organizing conferences on R&amp;D topics</b>	
	<b>Title of the proposal:</b>	Two-day national conference on need for rainwater harvesting, use and recharge in the urban area.
	<b>Justification</b>	<ul style="list-style-type: none"> <li>• To ensure that environment education and conservation awareness reaches every individual in the community.</li> <li>• To share the experience of the academicians, scientists, engineers, NGOs, policy and decision makers throughout the nation in the field of Rain Water Harvesting.</li> </ul>
<b>R&amp;D</b>	<b>Significance</b>	The focus of the conference will be on the exchange of information, deliberations, cross fertilization of ideas and research outcomes so as to evolve ways and means to address the practical challenges encountered in Rain water Harvesting, use and recharge in the urban area in the changing scenario and its effects on society.
	<b>Number of beneficiaries</b>	100
	<b>Approximate budget:</b>	Rs.2,00,000/-
	<b>Tentative proposed date</b>	30-31 March 2015.

	<b>Patenting of technologies</b>	
	<b>Title of the proposal:</b>	Storm water filtration using geo-membrane
<b>R&amp;D</b>	<b>Justification</b>	<ul style="list-style-type: none"> <li>• To assess the efficiency of the Geo-membrane filter along with traditional filter for contaminated storm water.</li> <li>• To assess the efficiency of the Geo-membrane as top layer by replacing sand layer to filter contaminated storm water.</li> </ul>

	<ul style="list-style-type: none"> <li>To improve the storm water quality before injecting into the aquifers directly, so as to avoid aquifer contamination in the future.</li> </ul>
<b>Significance</b>	<ul style="list-style-type: none"> <li>To disseminate the developed research and expand to larger areas.</li> <li>To meet the increasing water demand through efficient rain water harvesting technologies.</li> <li>To reduce storm water contamination along with safe ground water augmentation.</li> <li>To give the demonstrations to vivid organizations, institutions, urban civil groups etc., and create awareness about this novel physical model.</li> </ul>
<b>Number of beneficiaries</b>	Society by enlarge
<b>Approximate budget:</b>	<b>Rs.35,000/-</b> . Patenting of technologies: Need to file for patenting (innovative idea in the area of rainwater filtration) through CII, their charges for complete filing is Rs.35,000/-.
<b>Tentative proposed date</b>	

<b>Organizing inhouse training workshops in teaching/research subjects</b>	
<b>Title of the proposal:</b>	<b>A two day workshop on Hydrological modeling with Soil Water Assessment Tool (SWAT) model.</b>
<b>Justification</b>	The present human and climate induced system is rapidly changing the dynamics of water resources. Existing modeling tools may need be improved in providing sustainable solutions to the existing water resources problems. This workshop is mainly focused to bring the scientific community to discuss, share, and disseminate knowledge on various applications and developments in modeling tool (SWAT) to have sustainable solutions related to water resources
<b>Significance</b>	The proposed training program shall address the need of updating the knowledge and skills of newly recruited faculty of several and burgeoning private engineering colleges in the state of Telangana as well as other parts of India in the areas of Remote Sensing, Geographical Information System, Global Positioning System. These subjects have been introduced in B.Tech courses recently, thereby necessitating the exposure, updation and hands-on experience for the young faculty, which will go a long way in imparting state-of-art technological skills to the student community.
<b>Number of beneficiaries</b>	50
<b>Approximate budget:</b>	Rs.1,50,000/-
<b>Tentative proposed date</b>	22-23 March 2015

<b>Participation of faculty in outstation seminar/ conferences/ workshops etc</b>	
<b>Title of the</b>	To attend conference on Name of the conference: State level seminar

<b>proposal:</b>	on Dryland agriculture in Vidarbha: Priorities and development issues. Akola, MS.  Title: Estimation of effect of artificial recharge on groundwater quality parameters using spatial analysis.
<b>Justification</b>	This conference enables to interact with many professionals and academicians and to gain knowledge in the water resources area.
<b>Significance</b>	Further, the content for which would be undergone will be very much, useful for carrying out further research in the field of Water Resources by the Centre for Water Resources in this Institute, in addition to enhancing the broad perspective of teaching Post Graduate courses.
<b>Number of beneficiaries</b>	Students of Centre for water resources
<b>Approximate budget:</b>	Rs 30,000/-
<b>Tentative proposed date</b>	3-4 March, 2105

<b>FSD</b>	<b>Participation of faculty in outstation seminar/ conferences/ workshops etc</b>	
	<b>Title of the proposal:</b>	International conference on water resources and environment (WRE-2015), July 25-17, 2015, Beijing, China. Title: Estimation of hydraulic conductivity using Slug test
	<b>Justification</b>	This conference enables to interact with many professionals and academicians and to gain knowledge in the water resources area.
	<b>Significance</b>	Further, the content for which would be undergone will be very much, useful for carrying out further research in the field of Water Resources by the Centre for Water Resources in this Institute, in addition to enhancing the broad perspective of teaching Post Graduate courses.
	<b>Number of beneficiaries</b>	Students of Centre for water resources
	<b>Approximate budget:</b>	Rs.2,50,000/-
	<b>Tentative proposed date</b>	July 25-17, 2015,

**AGENDA 06/ 5BoG\_Feb'15****ITEM 6.1**

Sub:- Ratification of various activities organized/ participated / conducted under TEQIP II

**Number of activities have been organized and are placed below for ratification.**

<b>Activities to be Ratified</b>			
<b>SI NO</b>	<b>ACTIVITY&amp; Head</b>	<b>Description</b>	<b>EXPENDITURE INCURRED</b>
1.	Participation of IST faculty in ICSDL-2014,under TEQIP-II grants, FSD	10 faculty members of IST attended ICSDL-2014 at JNTUH in Sept 9 <sup>th</sup> -2014	27000/-
2.	Sitting Allowance for Academic Selection Committee	Amount paid to academic selection committee members for short listing Eligible PG students for assistantship	48000/-
3.	National Conference, CBT, FSD	Amount paid to Dr.M.LakshmiNarasu,CBT towards payment or organizing national conference on "Bio fuels from wastes "on 5 <sup>th</sup> ,6 <sup>th</sup> August -2014	75000/-
4.	Organizing International Conference, CWR ,FSD	Amount paid to Convener ICHWAM ,CWR towards payment for organizing"International conference on Hydrology and Watershed Management (ICHWAM - 2014"during 29 <sup>TH</sup> to 1 <sup>st</sup> Nov - 2014	350000/-
5.	Capacity Development	Payment towards attending Capacity Building programme on "Internal quality Assurance workshop"during 28 <sup>th</sup> -30 <sup>th</sup> Oct-2014 at Chennai	55410/-
6	Attending International Training programme CNST,FSD	Amount paid to Dr.K.VenkateshwaraRao,prof CNST for attending International Training programme at John Hopkins during August-Sept 2014 USA	624220/-
7	Expert lecture , CCST	Amount paidDr.T. BalaNarsiaiahAssoc prof CCST towards Conducting expert lecture on "Safety in Chemical Industries"on 06-09-2014	5670/-

SI NO	ACTIVITY	CENTRE	EXPENDITURE
8.	ATTENDING WORKSHOP CWR, FSD	Amount paid to M.V.S.S. Giridhar,Asst prof CWR towards attending "NASA-ISRO dual frequency SAR(NISAR)science workshop at SAC Ahmedabad during 16 <sup>th</sup> -19 <sup>th</sup> Nov 2014	24480/-
9.	Attending National Conference CSIT, FSD	Amount paid to DrManjulavani ,prof,CSIT,towards Registration fee for38 <sup>th</sup> national system conference during 5 <sup>th</sup> -7 <sup>th</sup> Nov-2014	3000/-
10.	Organizing International Conference, CEN,FSD	Amount paid to Organizing Secretary ICEE towards payment for organizing"International conference onEnvironment &Energy" during 15 <sup>th</sup> - 17 <sup>th</sup> Dec-2014"	349774/-
11.	Payment for registration fee Research Scholar,CWR	Amount paid to Y.Siva Prasad Research Scholar CWR towards registration fee for paper presentation at AP Golden Jubilee Science congress	2500/-
12.	Attending International Conference, CCST, FSD	Amount paid to Dr.A.Jaya Shree ,prof CCST for attending& presenting paper International conference of Indian Council of Chemists in Dubai during 10 <sup>th</sup> to 14 <sup>th</sup> June-2014	145250/-
13	Circular Reforms	Revision of Syllabus of 9 Academic PG Course	234000/-
14	R &D	Amount paid to Dr.ArchanaGiriAsst Prof CBT towards project proposal at UGC New Delhi	16240/-
15	IOC	Expenditure Towards joint Review meeting held in December	1,94,048/-
16.	Attending National Conference,CWR, FSD	Amount paid to M.V.S.S. Giridhar,Asst prof CWR towards attending & Presenting paper in National Conference at Moulana Azad university Bhopal during 18 <sup>th</sup> -20 <sup>th</sup> DEC-2014	34611/-
17	Attending National Conference, CBT, FSD	Amount paid Dr.A.Swarooparani Assist Prof ,IST,JNTUH,Hyd,towards payment for participation in short term course for one week,Bio-Nanotechnology on	500/-

		22-27th Dec-2014	
18	Attending International Conference at Vizag, CWR, FSD	Amount paid to Dr.RamMohanreddy prof CWR towards attending International Conference on "Professional Engineer Challenges in Disaster Management during 18 <sup>th</sup> -19 <sup>th</sup> Dec-2014	21000/-
19.	Payment of Honorarium	Amount paid to Sub committee members as honorarium for sub committee meetings	14000/-
20	Expert Lecture at CCST	Amount paid to Dr.Bala NARSIAIAH Assoc Prof CCST towards organizing Expert Lecture	29078/-
21.	Capacity Building	Amount paid , to Ms.Ch.ShilpaAsstProf,CNST,towards participating in workshop on student faculty survey Workshop, 23 <sup>rd</sup> Sept Bangalore	9819/-
22	Capacity Building	Amount paid to.Dr.TVijayaLakhshmiAsst prof CEN ,towards participating in workshop on student faculty survey Workshop, 23 <sup>rd</sup> Sept Bangalore	6535/-
23.	IOC	Amount paid to compro solutions towards purchase of Computer hard ware	6490/-
24	PG Student support FSD	Amount paid to PG student Anirudh CWR towards registration fees AND presenting paper at IIT DELHI	4000/-
25.	PhD Assistantship	An Amount of 126000/- paid as assistantship for 7 candidates for the month of Dec-2014	126000/
26	IOC	Amount paid to Durga caterers towards lunch expenses for sub committee meeting on 12 <sup>th</sup> jan-2015	3286/-
27	Attending Workshop FSD, CCST	Amount paid to Dr.Bala NARSIAIAH Assoc Prof CCST towards ATTENDING "2 DAYS WORKSHOP ON GREEN PROCESS ENERGY" at IIT Hyd DURING 29 <sup>TH</sup> -30 <sup>TH</sup> Dec-2014	4800/-
28	Expert Lecture, at CCST	Amount paid to Dr.A.Jaya Shree ,prof for organizing Expert lecture on 19-20 <sup>th</sup> Jan-2015	14000/-
29	IOC	Amount paid to.Ch.ShilpaAsstProf,CNST,towards Payment for Sitting charges to the members of the	18000/-

		institutional purchase committee in connection with the tender opening 30 <sup>th</sup> Jan 2015	
30	IOC	Amount paid Dr.T .Vijaya Lakshmi for hiring charges of clerk and accountant and purchase of toner for Printer	9500/-
31	IOC	Amount paid Dr.T .Vijaya Lakshmi for hiring charges of clerk and accountant and purchase of toner for Printer	9000/-
32	PhD Assistantship	An Amount of 138000/- paid as assistantship for 7 candidates for the month of Dec-2014	138000/-
33	Expert Lecture	Amount paid to.Ch.ShilpaAsstProf,CNST,towards Payment for organizing Expert Lecture on 28 <sup>th</sup> Jan -2015	3000/-
34.	from IOC,	payment of remuneration to Nodal officers, coordinator and Director, for the period Nov-Oct 2014.	1,85,850/-

The members of the Governing Council may ratify the same.

#### **AGENDA 07/ 5BoG\_Feb'15**

##### **ITEM 7.1**

#### **Sub:-Ratificationof project staff for executing TEQIP II activities**

The Director, IST, has appointed Accountant, MIS officer,& Clerk in the month November-Dec., 2014, for the execution of TEQIPII works .

**The members of the Governing Council may ratify the same.**

#### **AGENDA 08 / 5BoG\_Feb'15**

##### **ITEM 8.1**

Sub:\_Any other item with the permission of the Chairperson



## Annexure 1.

## List of selected students for P.G.Assistanceship, for the academic years, 2012 and 2013

**TEACHING ASISTANTSHIP for M.Tech STUDENTS WITH TEQIP PHASE -II STIPEND**  
**TEACHING ASSISTANTSHIP for CBT M.Tesh Students for the Year 2012-14 BATCH**

Sl.No	M.Tech Specialisation	Name of the Candidate	CENTRE	Roll	Name of the Bank	A/C No	IFSC CODE	Ph.No	Amount in Rs.	Remarks
1	BIOTECHNOLOGY	TEHIMINA NAZEEN	CBT	12031D0342	SBH	62385536213	SBHY0021008	9966178397	32,000	
2		S.VENKATA SAI ROHIT	CBT	12031 D 0343	SBH(Jubilles,Hyd)	62385435114	SBHY0020458	9700500900	32,000	
3		K.ASHWANI	CBT	12031 D 0324	SBH	62385548377	SBHY0021008	9652877535	32,000	
4		J.PRATHYUSHA	CBT	12031 D 0330	SBH					No Data
5		KUNTA SREENIVAS	CBT	12031 D 0339	SBH	62385536621	SBHY0021008	9985817917	32,000	
1	BIOCHEMICAL(Engg)	SAMEENA	CBT	12031 D 9627	SBH	62082515139	SBHY0021008	9052556144	32,000	
2		NEELIMA SANTHOSHI.V	CBT	12031 D 9625	SBH	62261812505	SBHY0021008	9959970946	32,000	
3		A.MANJULA	CBT	12031 D 9624	SBH	62388812261	SBHY0021008	8523808367	32,000	

4		S.SARITHA	CBT	12031 D 9628	SBH	6238580199 8	SBHY002100 8	944167485 2	32,00 0	
5		K.DIVYA	CBT	1203 D 9617						No Data

Sl.No	M.Tech Specialisation	Name of the Candidate	CENTRE	Roll	Name of the Bank	A/C No	IFSC CODE	Ph.No	Amout in Rs.	Remarks
1	<b>BIOTECHNOLOGY</b>	SHAKEER MOHSIN	CBT	13031 D 0315	SBH	62385757346	SBHY0021008	8143555915	32,000	
2		P.PRATHYUSHA SAI	CBT	13031 D 0310	SBH	62385757142	SBHY0021008	9652323623	32,000	
3		DEVIKAN NAGAR	CBT	13031 D 0302	SBH	62385549802	SBHY0021008	9032586199	32,000	
4		C.PRIYANKA	CBT	1303 D 0311	SBH	62385536520	SBHY0021008	9490214885	32,000	
5		KESAVA HARSHINI.B	CBT	13031 D 0305	SBH	62318610110	SBHY0021008	9441158573	32,000	
1	<b>BIOCHE MICAL( Engg)</b>	P.JYOTHI	CBT	13031 D 9605	SBH	62385816597	SBHY0021008	9010780100	32,000	

2		AYSHA MOHD SHAREEF	CBT	13031 D 9603	SBH	62385816836	SBHY0021008	8801873231	32,000	
3		CH.MAMATHA	CBT	13031 D 9607	SBH	62385816778	SBHY0021008	9642648575	32,000	
4		P.YESHWANTH GOUD	CBT	13031 D 9617	SBH	62385547894	SBHY0021008	8008468490	32,000	
5		NAVYA.CH	CBT	13031 D 9609	SBH	6.23858E+11	SBHY0021008	9052964648	32,000	

**TEACHING ASISTANTSHIP for M.Tech STUDENTS WITH TEQIP PHASE -II STIPEND**

**TEACHING ASSISTANTSHIP for M.Tesh Students for the Year 2012-14**

Sl.No	M.Tech Specialisation	Name of the Candidate	CENTRE	Roll	Name of the Bank	A/C No	IFSC CODE	Ph.No	Amount in Rs.	Remarks
1	CHEMICAL TECHNOLOGY	DEVATA PAVAN KUMAR	CCST	120 31 D 921 0	SBH (NIZAMABAD)	6208438828 7	SBHY002010 8	9703659846	32000	July to Oct 2014
2		RAVI SHARMA .KARRA	CCST	120 31 D 921 2	SBI (PRAGATHINAGAR)	2017592985 1	SBIN0015490	7842291791	32000	July to Oct 2014

3		SRAVANICHINN A POAHAM	CCST	120 31 D 921 3	SBI (SERLINGAMPALLY )	3101291737 6	SBIN0006314	918143291904	32000	July to Oct 2014
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### TEACHING ASSISTANTSHIP for M.Tesh Students for the Year 2012-14

5	CHEMICAL TECHNOLOGY	YADDANAPUDI VARUN	CCST	1301 D 9211	SBI BMC ONGOLE	30911262618	SBIN000899 9	9491064769	32000	July to Oct 2014
6		GAYATHRI ILAVAJHALA	CCST	1301 D 9215	ICICI METI RHAVDI	00 5101510252	ICIC0000051	9160060494	32000	July to Oct 2014
7		APARNA I SASTRY	CCST	13031 D 9214	IDBI KUKATPALLY	0 28010400016878 6	IBKL0000280	9908393061	32000	July to Oct 2014
8		SRI HARSHA .C	CCST	13031 D 9216	SBI HINDUPUR	31620135976	SBIN000084 5	9908052052	32000	July to Oct 2014

Sl.No	M.Tech Specialisation	Name of the Candidate	CENTRE	Roll	Name of the Bank	A/C No	IFSC CODE	Ph.No	Amount in Rs.	Remarks
1	EMT	Suma Mantha	CEN	12031D311 7	SBH	6239265604 3	SBHY002100 8	984940646 2	32,00 0	Aug- Nov14
2		ThippireddyVenkateshwarlu	CEN	12031D311 9	SBH	6238678057 8	SBHY002100 8	812113572 2	32,00 0	Aug- Nov14

1		M.Swatha	CEN	12031D601 2	SBH	6238710066 1	SBHY002100 8	995993017 2	32,00 0	Aug- Nov14
2	EGM	R.NarendraBabu	CEN	12031D601 6						No Data

Sl.No	M.Tech Specialisation	Name of the Candidate	CENTRE	Roll	Name of the Bank	A/C No	IFSC CODE	Ph.No	Amount in Rs.	Remarks
1		ShilpaPrayaga	CEN	13031D311 1	SBH	6238642529 6	SBHY002100 8	964257719 1	32,000	
2	EMT	Ch.RajaShekhar	CEN	13031D312 3	SBH	6238678047 6	SBHY002100 8	996602145 3	32,000	Jul- Oct14
1		M.ChaitanyaGeethica	CEN	13031D600 6						No Data
2		DivyaBasuti	CEN	13031D601 8	SBH	6238582233 0	SBHY002100 8	944036531 2	32,000	Jul- Oct14
3	EGM	G.Manaswani	CEN	13031D601 9	SBH	6238582155 2	SBHY002100 8	949386606 8	32,000	Jul- Oct14

Sl.No	M.Tech Specialisation	Name of the Candidate	CENTRE	Roll	Name of the Bank	A/C No	IFSC CODE	Ph.No	Amount in Rs.	Remarks
1	SIT	B.MarySupriya Reddy	CSIT	12031D3219	SBH	62385831004	SBHY0021008	9703332945	32,000	From Jul-Oct 14
2		Md.Hafeez Pasha	CSIT	12031D3206	SBH	62385559752	SBHY0021008	9885330145	32,000	From Jul-Oct 14
3		SharjeelMohammed	CSIT	12031D3214	SBH	62260888304	SBHY0021008	9703678326	32,000	From Jul-Oct 14
1	GIST	N.Naveen Kumar	CSIT	12031D4708	SBH	62265285062	SBHY0021008	9700279960	32,000	From Jul-Oct 14
2		KanikaSiklinar	CSIT	12031D4705	SBH	62148127188	SBHY0021008	9441026801	32,000	From Jul-Oct 14
3		D.Hemalatha	CSIT	12031D4704	SBH	62385819178	SBHY0021008	8333881705	32,000	From Jul-Oct 14
4		G. Mallikarjun Reddy	CSIT	12031D4706	SBH	62386104714	SBHY0021008	9052612578	32,000	From Jul-Oct 14

Sl.No	M.Tech Specialisation	Name of the Candidate	CENTRE	Roll	Name of the Bank	A/C No	IFSC CODE	Ph.No	Amount in Rs.	Remarks
1	SIT	Boorla Anil Kumar	CSIT	13031D3203	SBH	62386061790	SBHY0021008	9030530465	32,000	From Jul-Oct 14
2		GandalaDivya	CSIT	13031D3204	SBH	62224240426	SBHY0021008	9980941073	32,000	From Jul-Oct 14
3		GeethaKadiala	CSIT	13031D3214	SBH	62385549733	SBHY0021008	8977359552	32,000	From Jul-Oct 14

1	GISI	Divya K	CSIT	13031D470 2	SBH	6238554816 2	SBHY002100 8	868612234 4	32,00 0	From Jul-Oct 14
2		VangaHari Sai Teja	CSIT	13031D470 3	SBH	6231726985 9	SBHY002100 8	970020095 5	32,00 0	From Jul-Oct 14
3		G.Bhargava Kumar	CSIT	13031D470 1	SBH	6211102530 5	SBHY002100 8	739640451 0	32,00 0	From Jul-Oct 14
4		V. MadhaviSupriya	CSIT	13031D470 4	SBH	5220771939 9	SBHY002100 8	901069788 7	32,00 0	From Jul-Oct 14
5		BhinaramSoundarya	CSIT	13031D471 7	SBH	6231727003 6	SBHY002100 8	903259903 2	32,00 0	From Jul-Oct 14

### TEACHING ASSISTANTSHIP for CWR M.Tesh Students for the Year 2012-14 BATCH

Sl.No	M.Tech Specialisation	Name of the Candidate	CENTRE	Roll	Name of the Bank	A/C No	IFSC CODE	Ph.No	Amout in Rs.	Remarks
1	Genetr for Water Resource	DURGA SRI LAKSHMI	CWR	12031 D5903	SBH(NAGOLE)	62231288039	SBHY0021056	9293176776	32000	July to Oct 2014
2		RAHUL.W	CWR	12301 D 5212	SBH	62263275146	SBHY0021008	9014434411	32000	July to Oct 2014
3		SYED SHIRAAZ AHMED	CWR	12031 D 5920	SBH(MAHBUBNAGAR)	62017655812	SBHY0020184	9441591597	32000	July to Oct 2014
4		S.SAJAN KUMAR	CWR	12031 D 5921	SBH(BELLAMPALLI)	62069823843	SBHY0020120	9490590290	32000	July to Oct 2014

5		PREM SAGAR NALLA	CWR	12031 D 5911	SBH	62262629971	SBHY0021008	9985356357	32000	July to Oct 2014
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**TEACHING ASSISTANTSHIP for M.Tesh Students for the Year 2013-15 BATCH**

Sl.No	M.Tech Specialisation	Name of the Candidate	CENTRE	Roll	Name of the Bank	A/C No	IFSC CODE	Ph.No	Amount in Rs.	Remarks
1	Cenetr for Water Resource	Bangari Anil Kumar	CWR	1303105301	SBH	62320231772	SBHY0021008	800852953	32,000	July to Oct 2014
2		Dinesh Kumar Kale	CWR	1303105905	SBH	62318363838	SBHY0021008	9553556298	32,000	July to Oct 2014
3		SattuSwapna	CWR	1303105916	SBH	62386061676	SBHY0021008	8106210765	32,000	July to Oct 2014
4		RamaRajuAnirudh	CWR	1303105920	SBH	62386756771	SBHY0021008	8790889490	32,000	July to Oct 2014
5		KondojuKeerthi	CWR	1303105921	SBH	7842409004	SBHY0021008	7842409004	32,000	July to Oct 2014



**Annexure 2:****Detailed allocation of Budget as as approved by the Subcommittee.**

<b>TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME (TEQIP), Phase II</b>				
<b>INDICATIVE CATEGORY WISE FUNDING FOR SC 1.2 Govt. Institutions</b>				
<b>Sl. No</b>	<b>Activities</b>	<b>Category of expenditure</b>	<b>%</b>	<b>Cost (crore)</b>
1	Improvement in Teaching, Training and learning facilities	i) Procurement of goods	40	5.00
		a) Equipment for new PG Programmes		
		b) Furniture		
		c) Books & LRs, Software		
		d) Minor items		
		ii) Refurbishment (Minor Civil Works)	3	0.38
		iii) Consultant Services	2	0.25
2	Providing Teaching and Research Assistantships for significantly increasing enrolment in existing and new Masters and Doctoral programmes in Engineering disciplines	Teaching and Research Assistantships	20	2.50
3	Enhancement of R&D and Institutional consultancy activities	Research and Development	5	0.63
4	Faculty and Staff development for improved competence based on Training Needs Analysis (TNA)	Faculty and Staff Development	10	1.25
5	Enhanced interaction with Industry	Industry Institute Interaction	5	0.63
6	Institutional Management Capacity enhancement	Institutional Management Capacity Enhancement	2	0.25
7	Implementation of Institutional reforms	Institutional reforms	1	0.13
8	Academic support for weak students	Academic Support for weak students	2	0.25
9	Incremental Operating Cost	Incremental Operating Cost <sup>25</sup>	10	1.25
<b>TOTAL</b>			<b>100</b>	<b>12.50</b>



S.No .	Activities	Sub-Activity	Grant 563 lakhs	COMMITTE D EXPENDITU RE in Lakhs
1	Procurement  45% of the total grant	Expenditure on ICT enabled learning, related software & hardware.		
		Expenditure on New laboratory for new PG programs		
		Expenditure on New laboratory for existing PG programs	480.00	80.00 X 6 Centres
		Expenditure on Existing laboratories modernized/Strengthened		
		Expenditure on Library i.e. books, e-books, journals, e-journals course specific software		
		Expenditure on membership of online journals & consortium	20.00	20.00
		Expenditure on digitally/virtually accessible courses/subjects		

		Expenditure on Modernising Classrooms		
		Expenditure on Procurement of Equipment etc. for Institutes/ TEQIP unit.		
		Expenditure on Civil Work 3%	38.00	-
		Others. (Specify if Material) 2%	25.00	
		<b>Total</b>	<b>563</b>	<b>500</b>

S.No.	Activities	Sub-Activity	% allocated	Grant in lakhs 250 lakhs
2	Assistantships 20%	Expenditure on Masters students enrolled with TEQIP teaching assistantship	60	150
		Expenditure on PhD Students enrolled with TEQIP research assistantship		
		Others. (Specify if Material) Faculty can propose few M.Tech Project works	40	100

S.No.	Activities	Sub-Activity	% allocated	Grant in lakhs 63.00
3	R&D 5%	Expenditure incurred on Research projects taken by UG students	NA	NA
		Expenditure incurred on research publications in engineering in referred journals	25	15.75
		Expenditure on Organising Conferences for R & D Topics	60	37.80
		Expenditure on Patenting of Research Products	15	9.45
		Others. (Specify if Material)		
<b>Total</b>				<b>63.00</b>

S.No.	Activities	Sub-Activity	% allocated	Grant in lakhs 125
4	FSD 10%	Expenditure on Faculty with B.Tech enrolled for M Tech against total B Tech faculty	NA	--
		Expenditure on Faculty with M Tech enrolled for PhD in engineering against total M Tech faculty		
		Expenditure on faculty members attended training in subject domain	35%	43.75
		Expenditure on faculty members attended pedagogical training	10%	12.50
		Expenditure on organising inhouse subject area training Programs/ Workshops/ seminars / conferences / continuing education programs.	20%	25.5
		Expenditure on participation by faculty in Seminar/ Conferences/ workshop etc.	25%	31.25
		Expenditure on staff development	10%	12.50
		Others. (Specify if Material)		
<b>Total</b>				<b>125</b>

S.No.	Activities	Sub-Activity	% allocated	Grant in lakhs 63.00
5	I-I-I- Cells 5%	Expenditure on academic Programs i.e. MTech/PhD etc. with industry	15	9.45
		Expenditure on short term programs with industry	40	25.20
		Expenditure on academic networking with other institutions	15	9.45
		Expenditure incurred on Campus placements (UG & PG)	15	9.45
		Expenditure on UG/ PG Students attended industrial internship	15	9.45
		Others. (Specify if Material)		
<b>Total</b>				<b>63.00</b>

S.No.	Activities	Sub-Activity	% allocated	Grant in lakhs 25.00
6	Capacity development 2%	Expenditure on Sr. Officials & Sr. faculty attended management development training	2	25.00
		Others. (Specify if Material)	-	-
<b>Total</b>				<b>25.00</b>

S.No.	Activities	Sub-Activity	% allocated	Grant in lakhs 13.00
7	Reforms 1%	Expenditure on accreditation fee for NBA	30	3.90
		Expenditure incurred on Autonomous Institution status concurred by UGC	30	3.90
		Expenditure on Curricula revision/restructuring	40	5.2
		Others. (Specify if Material)		
<b>Total</b>				<b>0.13</b>

<b>S.No.</b>	<b>Activities</b>	<b>Sub-Activity</b>	<b>% allocated</b>	<b>Grant in lakhs</b> <b>25.00</b>
8	Student support	Expenditure on students transition from first year to second year of UG Programs (clearing all subjects /courses of 1st year in first attempt)	80	20.00
		Others. (Specify if Material)	20	5.00
<b>Total</b>				<b>25.00</b>

<b>S.No.</b>	<b>Activities</b>	<b>Sub-Activity</b>	<b>% allocated</b>	<b>Grant in lakhs</b> <b>125.00</b>
9	IOC		<b>10</b>	<b>125</b>

**Annexure 3:**  
**Amount incurred / utilized under various heads.**

Sl. No	Activities	Category of expenditure	Amount allocated Cost (crore)	Expenditure Incurred/ utilized (lakhs)
1	Improvement in Teaching, Training and learning facilities	i) Procurement of goods	5.00	
		a) Equipment for new PG Programmes		
		b) Furniture		
		c) Books & LRs, Software		
		d) Minor items		
		ii) Refurbishment (Minor Civil Works)	0.38	
		iii) Consultant Services	0.25	
2	Providing Teaching and Research Assistantships for significantly increasing enrolment in existing and new Masters and Doctoral programmes in Engineering disciplines	Teaching and Research Assistantships	2.50	2.94
3	Enhancement of R&D and Institutional consultancy activities	Research and Development	0.63	0.443
4	Faculty and Staff development for improved competence based on Training Needs Analysis (TNA)	Faculty and Staff Development	1.25	41.60
5	Enhanced interaction with Industry	Industry Institute Interaction	0.63	0.37
6	Institutional Management Capacity enhancement	Institutional Management Capacity Enhancement	0.25	1.998
7	Implementation of Institutional reforms	Institutional reforms	0.13	2.34
8	Academic support for weak students	Academic Support for weak students	0.25	0.249
9	Incremental Operating Cost	Incremental Operating Cost	1.25	18.10
<b>TOTAL</b>			<b>12.50</b>	<b>68.04</b>
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