AGENDA OF 16TH MEETING OF BOARD OF GOVERNORS

JNTUH INSTITUTE OF SCIENCE AND TECHNOLOGY (Autonomous)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD



AGENDA Of 16th MEETING of BOARD OF GOVERNORS

Venue:

Committee Room,

JNTUH Institute of Science and Technology New Building,

Jawaharlal Nehru Technological University Hyderabad

On

 $10^{th}\,$ February, 2018 at 11:00 AM

JNTUH INSTITUTE OF SCIENCE AND TECHNOLOGY (Autonomous)

Jawaharlal Nehru Technological University Hyderabad

Kukatpally, Hyderabad, Telangana State – 500 085

JNTUH INSTITUTE OF SCIENCE AND TECHNOLOGY (Autonomous)

Jawaharlal Nehru Technological University Hyderabad

Kukatpally, Hyderabad, Telangana State $-500\ 085$

16th Meeting of Board of Governors

Venue: Chambers of the Director, IST, JNTUH

Date: 10-02-2018 Time: 11:00 AM

Date	e: 10-02-2018	111	me: 11:00 AM
S. No	Name of the Member of BoG	Qualification and position	Position in the BoG
1.	Prof. P. Jaya Prakash Rao	Former Chairman, State Council of Higher Education, Hyderabad	Chairperson
2.	Dr. S. Chandrasekhar	Director, CSIR-IICT, Hyderabad	Member
3.	Dr. Siva Kumaran	Sr. Vice President, Aurobindo Pharma Ltd.	Member
4.	Dr. Rakeshwar Bandichhor	Director, Dr. Reddy's Laboratories Ltd.	Member
5.	Shri. B. Gopala Krishna	Dy. Director, NRSC, Hyd.	Member
6.	Dr. A. D. Rao	Regional Director (Retd), CGWB, Ministry of Water Resources	Member
7.	Dr. K. Yella Reddy	Director (Agriculture) WALAMTARI, Hyderabad	Member
8.	Dr. M. Anji Reddy	Professor of Environment, IST, JNTUH.	Member
9.	Dr. K.Ramamohan Reddy	Professor of Water Resources, IST, JNTUH.	Member
10.	Dr. G. Krishna Mohan	Professor of Pharmacy, IST, JNTUH	Member
11.	Dr. Sandeep Grover	Professor, Dept. of Mech. Engg, YMCA University of Science & Tech, Faridabad.	Member
12.	Dr. B. N. Bhandari	Director, academic & Planning, JNTUH	Member
13.	Dr. B. L. Rama	Director, AICTE, New Delhi	Member
14.	Sri. D. Venkateswarlu	Secretary, SBTE, Telangana State, Hyderabad	Member
15.	Prof. B.Venkateswara Rao	Director, IST, JNTUH	Member Secretary
16.	Prof.A.Jayashree	Professor of Chemistry, IST, JNTUH	Special Invitee
17.	Prof. C. Radha Krishna,	Rtd. Professor of Electrical Engg, and Mentor, JNTUH IST, Hyd.	Special Invitee
18.	State Project Coordinator	SPFU, Dept. of Tech Education, Hyderabad	Special Invitee
19.	Dr.M.V.S.S.Giridhar	Associate Professor and TEQIP-III Coordinator	Special invitee

JNTUH INSTITUTE OF SCIENCE AND TECHNOLOGY

(Autonomous) Kukatpally, Hyderabad-500085

SIXTEENTH MEETING OF BOARD OF GOVERNORS

Venue: Chambers of the Director, IST, JNTUH On 10th February, 2018 (Saturday) at 11:00 AM

AGENDA

Item No.	Description of Item
01/16 BoG_ Feb -18	Minutes of Meeting of 15 th BoG meeting held on 06 th January, 2018 – for information – for approval
02/16 BoG_ Feb -18	Presentation by the Director, IST, JNTUH about the overall activities of the Institute
03/16 BoG_ Feb -18	Approval of programs planned under Twinning arrangements with the 1.1 institute Dayalbagh Educational Institute (DEI).
04/16 BoG_ Feb -18	Approval for organizing National and International conferences / workshops / trainings.
05/16 BoG_ Feb -18	Expenditure incurred since 15 th BoG to till date in TEQIP-III – for information.
06/16 BoG_ Feb -18	Formation of various committees at institute level for smooth functioning of TEQIP-III – for information
07/16 BoG_ Feb -18	Approval of list of equipment/goods and furniture items to be procured under TEQIP-III.
08/16 BoG_ Feb -18	Approve to establish Start-up Cell and appointment of coordinator and other members – for approval.
09/16 BoG_ Feb -18	Appointment of internal auditor and statutory auditors for TEQIP-III
10/16 BoG_ Feb -18	Guidelines given by NPIU on TA/DA norms for all types of TEQIP-III activities – for approval
11/16 BoG_ Feb -18	Guideline for conduct of five day training programs – for approval
12/16 BoG_ Feb -18	Any other items with the permission of Chair
13/16 BoG_ Feb -18	Vote of Thanks by Dr.M.V.S.S.Giridhar, TEQIP-III Coordinator

Item No.	Description of Item
01/16 BoG_ Feb -18	Minutes of Meeting of 15 th BoG meeting held on 06 th January, 2018 –
	for information.

The minutes of the 15th BoG meeting has been circulated to the Honorable Chairman and all the BoG members through email on 08th January, 2018 for suggestions and approval. Further, requested all the members to send their suggestions for incorporation in the document on or before 14th January 2018. All the suggestions made by the BoG members were incorporated. The final minutes were uploaded in the Institute website www.istjntuh.ac.in. The copy of minutes is given as Annexure-I.

Item No.	Description of Item
02/15 BoG_ Feb -18	Presentation by the Director, IST, JNTUH about the overall activities of the Institute

Director, Institute of Science and technology shall brief about the activities related to the institute in general and TEQIP-III activities in particular. This will enable the honorable Chairman and members of BoG to provide suggestions and to take appropriate decisions.

03/16 BoG_ Feb -18	Approval of programs planned under Twinning arrangements with the
	1.1 institute Dayalbagh Educational Institute (DEI).

A skype call is arranged between both the institutions and were discussed thoroughly and finally arrived the list of programs as short term activities i.e from Jan-June 2018. The following programs were planned under twinning arrangements with the 1.1 institute Dayalbagh Educational Institute (DEI) as given in Annexure - II.

Both 1.1 and 1.3 institutes were agreed about the expenditure as follows.

- No honorarium is payable to the faculty/ Professor the activities (Lecture/ Seminar/ Workshop/ meeting) of own institution as per NPIU norms.
- No honorarium is payable to the faculty /person from Mentor/Mentee Institute for the activities under twinning arrangement as per NPIU norms.
- When any faculty planning to visit from IST to DEI, the travel upto Delhi airport shall be met from the IST funds. Further, from Delhi airport to DEI and back will be taken care by the DEI including lodging, boarding and other hospitality expenditure.
- Similarly, when any faculty planning to visit from DEI to IST, the travel upto Hyderabad airport shall be met from the DEI funds. Further, from Hyderabad airport to IST and back will be taken care by the IST including lodging, boarding and other hospitality expenditure.

The listed programs and rules for expenditure may be approved by the BoG committee.

Item No.	Description of Item					
04/15 BoG_ Jan -18	Approval for organizing National and International conferences / workshops / trainings					

The following application were received from various centres and placed for approval.

Sl. No	Name of the program	Proposed dates	Type of activity	Name of the coordinator	Proposed amount in
			·		rupees
1	"Student Connect" One day seminar on Higher Education Sustaina-bility Initiative and International Collabo-ration	22/04/2018		Dr.T.Vijaya Lakshmi	1,00,000
2	Advanced Training on Geomatics Technologies	18-22/06/ 2018	Training programme	Dr.T.Vijaya Lakshmi	3,50,000
3	One day seminar on advanced surveying / mapping techniques	10-04-2018	Seminar	Dr.M.Anji reddy	1,50,000
4	Training programme on Environmental impact assessment and environmental clearance process	5-9, June 2018	Training programme	Dr.M.Anji reddy	3,00,000
5	Environment, Health and Safety" on 2nd week of march 2018	2 nd week	Workshop	Dr.V. Himbindu	1,50,000

The above conferences/workshops/ trainings programs may be approved by the BoG committee.

05/16 BoG_ Feb -18	Expenditure	incurred	since	15 th	BoG	to	till	date	in	TEQIP-III	[_	for
	information.											

The head wise expenditure incurred during the month of January 2018 is Rs. 5,26,242/- (Rupees Five lakhs twenty six thousand and two hundred and fourty two only) this is for the information to the BoG members.

Sl. No	Name of the item	Expenditure during the month of Jan-18 in rupees	Expenditure since inception in rupees	Percentage of expenditure
1	Procurement of goods	Nil	Nil	Nil
2	Academic processes	3,46,728	8,36,249	2.98
3	Operating Cost	1,79,514	4,84,345	6.92
	Total	5,26,242	13,20,594	1.88

This is for the information to the BoG members.

06/16 BoG_ Feb -18	Formation	of	various	committees	at	institute	level	for	smooth
_	functioning	of T	EQIP-III-	- information					

Various committees were formed by the Director at institute level for smooth functioning of TEQIP-III. The list is as follows.

1	EQIT-III. The list is as follows.						
Sl.	Name of the	Designation	Works allocated				
No	coordinator						
1	Prof. K.Ramamohan	Coordinator -	To coordinate with the 1.1 institute i.e. DEI and				
	Reddy	NBA	to make them to get NBA for their courses.				
			In addition he will be the coordinator for IST				
			for NBA activities.				
2	Prof. K.Ramamohan	Coordinator -	To review and finalize civil works proposed by				
	Reddy	Civil works	various centres under TEQIP-III and submit to				
			the Director				
3	Dr. G. Krishna	Coordinator -	To coordinate academic & planning activities of				
	Mohan	Academic &	the Institute and to coordinate with the				
		Planning	university related to this,				
4	Prof. Ch. Shashikala	Coordinator -	To establish Starts up and Innovation cells at				
		Starts up and	institute level. To review and finalize proposals				
		Innovation	submitted by various centres under TEQIP-III				
			and submit to the Director				
5	Prof.	Coordinator -	To create awareness, review and finalize the				
	K.Venkateswara Rao	Moocs and	proposals proposed by various centres under				
		Digital	TEQIP-III and submit to the Director				
		Learning Cell					
6	Dr. T. Vijaya	Coordinator	To prepare action plans between 1.1 and 1.3				
	Lakshmi	Twinning	institutes and to submit to the Director				
7	Dr. Ch.Shilpa Chakra	Coordinator -	To initiate, finalize and plan till the payment to				
		Procurement	the vendor through PMSS software.				
8	Smt. Lalitha Devi	Coordinator –	To see all financial aspects related to TEQIP-III				
		Finance	as per the financial framework of world bank				

						through PFMS software.
9	Dr. Ar	chana	giri	Coordinator	_	To create awareness related to IPR at institute
				IPR		level.
10	Dr.	M.	Sunitha	Coordinator	-	To establish alumina association and strengthen
	Reddy			Alumina		at institute level.
				Association		

This is for the information to the honorable BoG chairman and members.

07/16 BoG_ Feb -18	Approval of list of equipment/goods and furniture items to be procured
	under TEQIP-III.

As per the minutes of 15th BoG the procurement committee has been constituted with the following members to review and finalize the proposals submitted by various centres of the institute. All six centres were grouped into Chemical related centres and non-chemical related centres.

The group related to chemical centres are 1. CCST, 2. CNST, 3. CBT

The committe constitute to review these proposals are as follows.

Members of the committee:

- 1. Prof. B. Venkateswara Rao, Director, IST Chairman
- 2. Prof. B.N. Bhandari, Director, Academic & Planning, JNTUH
- 3. Prof. P. Sai Prasad, Retired Principal Scientist, IICT, and Emeritus professor
- 4. Prof. K. Venkateswara Rao, Professor, CNST, Subject expert Internal Member
- 5. Dr. Ch. Shilpa Chakra, Coordinator-PMSS, TEQIP-III Member
- 6. Dr. M.V.S.S. Giridhar, Coordinator, TEQIP III Member Secretary

This committee met on 03/02/2018 and 06/02/2018 and finalized the list of equipment and furniture proposed by the above centres. The detailed list is annexed in Annexure-III.

The group related to non-chemical centres are 1. CWR, 2. CSIT, 3. CEN

Members of the committee:

- 1. Prof. B. Venkateswara Rao, Director, IST Chairman
- 2. Prof. B.N. Bhandari, Director, Academic & Planning, JNTUH
- 3. Dr. V. Venkateshwar Rao, Group Director, Water Resources, NRSA External Member
- 4. Prof. K. Ramamohan Reddy, Professor, CWR, Subject expert Internal Member
- 5. Dr. Ch. Shilpa Chakra, Coordinator-PMSS, TEQIP-III Member
- 6. Dr. M.V.S.S. Giridhar, Coordinator, TEQIP III Member Secretary

This committee met on 30/01/2018 and finalized the list of equipment and furniture proposed by the above centres. The detailed list is annexed in Annexure-III.

Sl. No	Name of the Centre	Total cost in rupees
1	Centre for Biotechnology	40,00,440
2	Centre for Chemical Science and Technology	44,99,450
3	Centre for environment	42,49,418
4	Centre for Spatial Information and Technology	40,36,670
5	Centre for water resources	47,70,538
6	Centre for Nano Science and Technology	40,00,440
7	Furniture (All departments)	18,68,177
	Total	2,74,25,133

The above list of equipments/goods/furniture may be approved by the BoG committee.

08/16 BoG_ Feb -18	Approve to establish Start-up Cell and appointment of coordinator and
	other members – for approval.

NPIU (National Project Implementation Unit) instructed to start **Start-up Cell** in all the project institutions.

The Start-up Cell will comprise of following

- Head of Institution or his/her Nominee as Chairman,
- One faculty as Start-up Cell Coordinator,
- Three to five faculty facilitators representing various disciplines and dept. of Institute
- Student Coordinators pooled from Innovation Club, Start-up club, E-cell for program coordination and management,
- Experts from the areas of Start-up and innovation may be included

With the above guidelines the following committee has been constituted for the institute tolook over startup and innovative activities

Startup cell committee members

Chairman: B.Venkateswara Rao.

Co-ordinator: Dr. Ch.Sasikala,

Faculty facilitators: 1) Prof. A.Jaya Shree

- 2) Prof. V.Hima Bindu
- 3) Prof. C.Sarala
- 4) Prof. K. Venkateswara Rao
- 5) Dr. J. Venkatesh
- 6) Dr. A. Uma

Student coordinators: Two students from each centre.

Experts from the area of startup and innovation:

- 1) Prof. V. Venkata Ramana, Professor, School of management, University of Hyderabad.
- 2) Mr. P. Murali Mohan, Managing Director, Mobiterra Solutions India Private Ltd. Hyderabad
- 3) Sri. Lohita Motwani, representative from t-hub

Honorable chairman and members shall approve the above committee.

09/16 BoG Feb -18	Appointment of internal auditor and statutory auditors for TEQIP-III
02/10 200 10	rippointment of internal addition and statutory additions for the an

National project implementation unit (NPIU) is instructed to appoint internal auditor and statutory auditors by the institute for TEQIP-III audit purpose with the following conditions.

Internal audit:

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

Statutory Audit:

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

In view of the above, internal auditor and statutory auditors worked for the TEQIP-II may be allowed to continue for the TEQIP-III also. The firms worked for internal audit are M/s Rammurthy (N) & Co and statutory audit as M/s Sagar Associates. The audit fee paid for the internal audit is Rs. 48750 per year plus GST during TEQIP-II. The internal auditor has accepted the same. However, statuary auditor is asking for 90,000/- plus GST per year, permission may be accorded to pay the revised audit fee for TEQIP-III.

Honorable chairman and members of the committee may approve the firms and fee.

10/16 BoG_ Feb -18	Guidelines given by NPIU on TA/DA norms for all types of TEQIP-III
	activities – for approval

The guidelines on TA/DA norms are annexed in Annexure-IV for faculty and staff who will be attending any meeting / conference / workshop / training etc. at the institution other than their own institution.

The BoG committee may approve the above item to implement same rules in TEQIP-III project.

11/16 BoG Feb -18	Guideline for condu	ct of five d	ay training programs –	for approval

In the sub-committee meeting held on 07/02/2018, the following points were resolved towards organizing five day training/workshop/seminar program.

- Maximum allowable expenditure for organizing one day workshop/ seminar/ conference/ training etc is Rs.1,00,000/- only for 50 participants.
- Maximum allowable expenditure for organizing five day workshop/ seminar/ conference/training etc is Rs.2,00,000/- only for 50 participants.
- Training program between these days shall be paid linearly.

However, the following are the maximum allowable head wise expenditure

Lunch including two times snacks
 Rs.200 per participant

• Honorarium/session and 4 sessions max in a day Rs.3000 per session

• Kit (Course material CD, Folder, Pad, Pen, course material etc) Rs.100 per participant

• Travel grant (one expert outside Hyderabad) Rs.40,000/- per program

• Miscellaneous expenditure Rs.15,000/- per program

The guideline for conduct of training programs may be approved.

Any other Item with the permission of the Chairperson

Vote of thanks by Dr. M.V.S.S. Giridhar, TEQIP-III coordinator

Annexure-I

MINUTES OF 15TH MEETING OF BOARD OF GOVERNORS

JNTUH INSTITUTE OF SCIENCE AND TECHNOLOGY (Autonomous)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD



MINUTES Of 15th MEETING of BOARD OF GOVERNORS

Venue:

Committee Room,

JNTUH Institute of Science and Technology New Building, Jawaharlal Nehru Technological University Hyderabad

On

06th January, 2018 at 10:00 AM

JNTUH INSTITUTE OF SCIENCE AND TECHNOLOGY (Autonomous)

Jawaharlal Nehru Technological University Hyderabad

Kukatpally, Hyderabad, Telangana State – 500 085

JNTUH INSTITUTE OF SCIENCE AND TECHNOLOGY (Autonomous)

Jawaharlal Nehru Technological University Hyderabad

Kukatpally, Hyderabad, Telangana State – 500 085

15th Meeting of Board of Governors Members present

Venue: Chambers of the Director, IST, JNTUH

Date: 06-01-2018 Time: 10:00 AM

Date	1111C: 10:00 / 11/1		
S. No	Name of the Member of BoG	Qualification and position	Position in the BoG
1.	Prof. P. Jaya Prakash Rao	Former Chairman, State Council of Higher Education, Hyderabad	Chairperson
2.	Dr. Siva Kumaran	Sr. Vice President, Aurobindo Pharma Ltd.	Member
3.	Dr. Rakeshwar Bandichhor	Director , Dr. Reddy's Laboratories Ltd.	Member
4.	Dr. A. D. Rao	Regional Director (Retd), CGWB, Ministry of Water Resources	Member
5.	Dr. K. Yella Reddy	Director (Agriculture) WALAMTARI, Hyderabad	Member
6.	Dr. B. Venkateswar Rao	Professor of Water Resources, IST, JNTUH.	Member
7.	Dr. G. Krishna Mohan	Professor of Pharmacy, IST, JNTUH	Member
8.	Dr. Sandeep Grover	Professor, Dept. of Mech. Engg, YMCA University of Science & Tech, Faridabad.	Member
9.	Dr. B. N. Bhandari	Director, academic & Planning, JNTUH	Member
10.	Prof. A. Jaya Shree	Director, IST, JNTUH	Member Secretary
11.	Prof. C. Radha Krishna,	Rtd. Professor of Electrical Engg, and Mentor, JNTUH IST, Hyd.	Special Invitee
12.	Dr.M.V.S.S.Giridhar	Associate Professor and TEQIP-III Coordinator	Special invitee

JNTUH INSTITUTE OF SCIENCE AND TECHNOLOGY

(Autonomous) Kukatpally, Hyderabad-500085

FIFTEENTH MEETING OF BOARD OF GOVERNORS

Venue: Chambers of the Director, IST, JNTUH On 06th January, 2018 (Saturday) at 10:00 AM

Minutes

Item No.	Description of Item	
01/15 BoG Jan -18	Minutes of Meeting of 14 th BoG meeting held on 16 th June, 2017 – for	
_	information.	
	Presentation by the Director, IST, JNTUH about the overall activities	
	of the Institute	
	Presentation by the Officer In-charge of Examinations (OIE), IST,	
02/15 D G I 10	JNTUH about the overall activities related to the academic and	
02/15 BoG_ Jan -18	examination rules and regulations.	
	Presentation by the TEQIP-III Coordinator about the activities under	
	TEQIP	
	Presentation by the Heads of the Centres of IST and visit to the	
	Centres.	
03/15 BoG_ Jan -18	Ratification of the programs organized under TEQIP-III	
04/15 BoG_ Jan -18	Approval for organizing National and International conferences /	
	workshops / trainings	
05/15 BoG_ Jan -18	Expenditure incurred till date in TEQIP-II – for Ratification	
06/15 BoG_ Jan -18	Formation and approval of institute level procurement committee for	
	the purchase of Procurement of goods under TEQIP-III	
07/15 BoG_ Jan -18	Establishment of infrastructure for SWAYAM PRABHA to	
	facilitate Student training – for approval	
08/15 BoG_ Jan -18	Any other items with the permission of Chair	
09/15 BoG_ Jan -18	Vote of Thanks	

Item No.	Description of Item	
01/15 BoG_ Jan -18	Minutes of Meeting of 14 th BoG meeting held on 16 th June, 2017 – for	
	information.	

The minutes of the 14th BoG meeting has been circulated to the Honorable Chairman and all the BoG members through email on 16th June, 2017 for suggestions and approval. Further, requested all the members to send their suggestions for incorporation in the document on or before 20th June 2017. All the suggestions made by the BoG members were incorporated. The final minutes were uploaded in the Institute website www.istjntuh.ac.in.

The honorable Chairperson and members of the committee has confirmed the minutes of the 14th BoG.

Item No.	Description of Item
	Presentation by the Director, IST, JNTUH about the overall activities of the Institute
	Presentation by the Officer In-charge of Examinations (OIE), IST,
02/15 BoG_ Jan -18	JNTUH about the overall activities related to the academic and examination rules and regulations.
	Presentation by the TEQIP-III Coordinator about the activities under TEQIP
	Presentation by the Heads of the centres and visit to the centres.

All the Heads of the centres, TEQIP-III Coordinator, Officer In-charge of Examinations (OIE) and Director presented about their activities/developments/innovative initiatives were appreciated by the members and chairman of the BoG.

03/15 BoG_ Jan -18	Ratification of the programs organized under TEQIP-III

The BoG chairman and members of the BoG ratified the programs organized by the institute under TEQIP-III along with expenditure.

Item No.	Description of Item	
04/15 BoG_ Jan -18	Approval for organizing National and International conferences / workshops / trainings	

- Two conferences were proposed by the Centre for Nano Science and Technology as Dr. K. Venkateswara Rao coordinator for two conferences with the same title and one is national and another is international conferences. BoG suggested both can be clubbed together and they can organize a single international conference. However, the coordinator can propose another national conference with different title.
- Remaining conferences/ trainings/seminars proposed by the faculty is accepted by the BoG members.
- Further, BoG also suggested to submit the full budget details for the proposed conference/training/seminar by the faculty members along with requirement of budget from TEQIP-III.

05/15 BoG Jan -18 **Expenditure incurred till date in TEQIP-III** – for Ratification

The expenditure incurred under TEQIP-III was approved and ratified by the Bog Chairman and members of the BoG.

06/15 BoG_ Jan -18	Formation and approval of Institute level procurement committee for
	the purchase of Procurement of goods under TEQIP-III

The members of procurement committee has formulated by the BoG for finalization of Procurement of items. The following are the members of the procurement committee.

- 1. DAP of the University
- 2. Subject expert External
- 3. Subject expert internal
- 4. Director, IST / Coordinator TEQIP-III

However, the following points were also suggested by the chairman of the BoG while purchasing procurement items.

- 1. The minimum cost of the equipment should be more than one lakh.
- 2. Requested all the faculty of IST to see the possibility of establishment of centralized facility at their centres by applying for various funding agencies.
- 3. After finalization of the items by the procurement committee, the lsit shall be send to the BoG for approval of the items
- 4. All purchases of approved items need to process through Institute purchase committee and through PMSS.
- 5. External and Internal subject experts can be nominated by the Director.

-	
07/15 BoG_ Jan -18	Establishment of infrastructure for SWAYAM PRABHA to
	facilitate Student training-for approval
It is resolved that the ite	em is approved in principle, however, asked the Member Secretary to submit
full details of expenditu	re in the next BoG meeting.
Meeting ended with the	vote of thanks by the TEQIP-III coordinator Dr. M.V.S.S. Giridhar.
Wiceting chaca with the	vote of thanks by the TEQH -III coordinator Dr. W. V.S.S. Girldhar.

Annexure-II

Activities undertaken by 1.3 Institution in concurrence with the 1.1 Institution of focus state under twinning arrangements

Name of 1.3 Institution: JNTU Institute of Science & Technology, Hyderabad (JNTUIST)

Name of 1.1 Institution: Dayalbagh Educational Institute, Agra (DEI)

Sl.	Activity	Date	Name of the	Venue	Nodal Person	
No.			Activity		JNTUIST	DEI
1	Quarterly action plan and procurement plan	5.1.2018	Review of quarterly action plan and procurement plan	DEI and JNTU	Dr.M.V.S.S.Girishar mvssgiridhar@gmail.com 9440590695	D. Bhagwan Das dbhagwandas@dei.ac.in 9319211217
2	Joint activities with industry for joint R&D, internships and placement activities	7.2.2018	Live transmission of talk of Prof. Sunkara Mahendra, University of Louisville, USA to DEI	JNTU	Dr.K.Venkateshwara Rao Kalagadda2003@gmail.com 9440858664	Sahab Dass drsahabdas@gmail.com 9219695960
3	Seminars and learning forums on improving governance practices	14.2.2018 To 16.2.2018	Seminar on Good Governance Practices	DEI	Dr. B.Venkateswara Rao cwr_jntu@yahoo.com 9849585290 Dr.M.V.S.S.Girishar mvssgiridhar@gmail.com 9440590695	D. Bhagwan Das dbhagwandas@dei.ac.in 9319211217
4	Workshop for students for training and academic development	14.2.2018 To 16.2.2018	Workshop on Geometrics	DEI	Dr.M.Anji Reddy mareddyanjireddi@gmail.com 9440891270 Dr.K.Ramamohan Reddy kasarammohan @gmail.com 8978701133 Sri.J.Venkatesh venkatjogu@gmail.com 9440789934	K. Hans Raj khansraj@rediffmail.com 9358877956

5	Guidance/support on to make students industry ready by imparting technical and soft skills, entrepreneurship skills, team working skills	14.2.2018 To 16.2.2018	Guidance for establishment of geomatics lab and other labs in Civil Engineering.	DEI	Dr.M.Anji Reddy mareddyanjireddi@gmail.com 9440891270 Dr.K.Ramamohan Reddy kasarammohan @gmail.com 8978701133 Sri.J.Venkatesh venkatjogu@gmail.com 9440789934 Dr.M.V.S.S.Giridhar	Ishant Singhal
6	GATE preparation	14.2.2018 To 16.2.2018	GATE preparation tips to III year Civil Engg. students of DEI	DEI	mvssgiridhar@gmail.com 9440590695 Dr.K.Ramamohan Reddy kasarammohan @gmail.com 8978701133 Dr.M.V.S.S.Giridhar mvssgiridhar@gmail.com 9440590695	Ishant Singhal
7	Guidance/support on to make students industry ready by imparting technical and soft skills, entrepreneurship skills, team working skills	14.2.2018 To 16.2.2018	Technical lecture on Water resources and rainwater harvesting	DEI	Dr.M.V.S.S.Giridhar mvssgiridhar@gmail.com 9440590695	Ishant Singhal
8	Guidance/support on to make students industry ready by imparting technical and soft skills, entrepreneurship skills, team working skills	14.2.2018 To 16.2.2018	Technical lecture on Ground water, exploration and importance	DEI	Dr. B.Venkateswara Rao cwr_jntu@yahoo.com 9849585290	Ishant Singhal Hamsa raj
9	Guidance/support on to make students industry ready by imparting technical and soft skills,	14.2.2018 To 16.2.2018	Technical lecture on Geospatioal technologies	DEI	Dr.M.Anji Reddy mareddyanjireddi@gmail.com 9440891270	Ishant Singhal Hamsa raj

				T		
	entrepreneurship skills,					
	team working skills					
10	Guidance/support on to make students industry ready by imparting technical and soft skills,	14.2.2018 To 16.2.2018	Technical lecture on Fluid Mechanics and OCH	DEI	Dr.K.Ramamohan Reddy kasarammohan @gmail.com 8978701133	Ishant Singhal Hamsa raj
	entrepreneurship skills, team working skills					
11	Guidance/support on to make students industry ready by imparting technical and soft skills, entrepreneurship skills, team working skills	14.2.2018 To 16.2.2018	Technical lecture on GPS and GNSS	DEI	Sri.J.Venkatesh venkatjogu@gmail.com 9440789934	Ishant Singhal Hamsa raj
12	Departmental partnerships for joint research activities emphasizing research and technological development	20.2.2018 to 21.2.2018	Visit to Mahagaon, a village in the tribal belt of MP to explore ways of providing potable water - collaborative rural project	Mahagaon	Dr. B.Venkateswara Rao cwr_jntu@yahoo.com 9849585290 Dr.M.V.S.S.Giridhar mvssgiridhar@gmail.com 9440590695	D. Bhagwan Das dbhagwandas@dei.ac.in 9319211217
13	Improvement in NBA accreditation	24.2.2018	NBA Awareness Workshop by Dr. Sandeep Grover YMCA, Faridabad	DEI	Dr.M.V.S.S.Giridhar mvssgiridhar@gmail.com 9440590695	Manmohan Agarwal a.manmohan@yahoo.co.in 9412895705
14	Guidance and support in Startup activities i.e. awareness workshops, entrepreneurship fests, organizing competitions etc.	28.2.2018	Startup Awareness Program	JNTU	Dr.Ch.Sasikala sasikala.ch@gmail.com 9000796341	G.S. Sailesh Babu Babu.sailesh@gmail.com 7060185804

				I		
15	Quarterly action plan and procurement plan	15.3.2018	Review of quarterly action plan and procurement plan	DEI/JNTU	Dr.M.V.S.S.Giridhar mvssgiridhar@gmail.com 9440590695	D. Bhagwan Das dbhagwandas@dei.ac.in 9319211217
16	Joint activities with industry for joint R&D, internships and placement activities	15 March 2018	Workshop on Dairy Technology	DEI	Dr. K. Mukkanti, ndct2014@gmail.com Dr.Ch.Sasikala sasikala.ch@gmail.com 9000796341 Dr.V.Hima Bindu drvhimabindu@gmail.com 9491442444 Dr.T.Vijaya Lakshmi tatiparti@yahoo.com 9440896661 Dr.M.Viswanadham maviswa14@gmail.com 9849104102	K. Srinivas Ksri12@gmail.com 7895567605
17	Joint activities with industry for joint R&D, internships and placement activities	March	Visit of DEI team to JNTUIST	JNTU IST	Dr.M.V.S.S.Giridhar mvssgiridhar@gmail.com 9440590695 Dr.T.Vijaya Lakshmi tatiparti@yahoo.com 9440896661	D. Bhagwan Das dbhagwandas@dei.ac.in 9319211217
18	Joint activities with industry for joint R&D, internships and placement activities	March	Visit of JNTUIST team to DEI	DEI	Dr. K. Mukkanti, ndct2014@gmail.com Dr.M.Viswanadham maviswa14@gmail.com 9849104102 Dr.Ch.Sasikala sasikala.ch@gmail.com 9000796341 Dr.V.Hima Bindu	D. Bhagwan Das dbhagwandas@dei.ac.in 9319211217

				drvhimabindu@gmail.com 9491442444 Dr.T.Vijaya Lakshmi tatiparti@yahoo.com 9440896661	
19	Joint activities with industry for joint R&D, internships and placement activities	National Seminar on applications of Nano Science & Technology to Environment & Energy	DEI	Dr.K.Venkateshwara Rao Kalagadda2003@gmail.com 9440858664	Sahab Dass drsahabdas@gmail.com 9219695960
20	Joint activities with industry for joint R&D, internships and placement activities	Workshop on Modeling, Simulation and Optimization	JNTU	Dr.L.Saida lavudi_saida@yahoo.com 9618528040 Dr.A.Uma vedavathi1@gmail.com 9848120819	C. Patvardhan cpatvardhan@googlemail. com 8979361848

Annexure - III

List of furniture items approved by the procurement committee

Sl. No	Item Name	Unit cost		Total cost in	Type of
51. 110	item Name	in rupees	Quantity	rupees	Procuremen
1	ACE Chair	20269	14	283768	Shoppin
2	Aristo 1650	61236	1	61236	Shoppin
3	Aristo 1800	62172	4	248690	Shoppin
4	Aristo 1800 Back unit	33546	1	33546	Shoppin
5	Caliber 201	3836	20	76719	Shoppin
6	Conference Table IDEATE 8 seater	28539	2	57078	Shoppin
7	Diva 7042R	5044	77	388357	Shoppin
8	Diva 7044T	4027	14	56373	Shoppin
9	Leoma High back	41778	3	125335	Shoppin
10	Shoe Rack	8677	8	69413	Shoppin
11	Storewelplain	19868	3	59603	Shoppin
12	T 9 Table	18497	4	73989	Shoppin
13	Target 104	11716	7	82015	Shoppin
14	Vertical Filling Cabinet	19094	7	133657	Shoppin
15	Laboratory Work Bench (Supply and Installation)	118400	1	118400	Shoppin
			Total	18,68,177	

List of equipment/goods items approved by the procurement committee

	Centre for Environment						
Sl.	Item Name	Unit cost in		Total Cost	Type of		
No		rupees	Quantity	in Rupees	Procurement		
1	Lab ultra pure water system with Pre RO system	375004	1	375004	Shopping		
2	Analytical weighing balance	98000	1	98000	Shopping		
3	COD digesters	52,510	1	52510	Shopping		
4	Muffel furnace	72,629	1	72629	Shopping		
5	Pyrolysis	172,280	1	172280	Shopping		
6	Biogas digester	76,700	1	76700	Shopping		
7	Incubator	94,400	1	94400	Shopping		
8	pH probe and Sensor Cap for dissolved oxygen (DO) Probe	57912	1	57912	Shopping		
9	Hardware Including Software (GNSS compatible Drone)	2000000	1	2000000.	Shopping		
10	constant temperature water bath	90000	1	90000	Shopping		
11	UV/VIS spectrophotometer	500000	1	500000	Shopping		
12	Fumigation hood	173000	1	173000	Shopping		
13	Precision Weighing Balance	44000	2	88000	Shopping		
14	Analytical Weighing Balance	94000	1	94000	Shopping		
15	Micropiptte set	55000	1	55000	Shopping		
16	Polycarbonate sheet shed	249983	1	249983	Shopping		
			Total	42,49,418			

	Centre for Spatial Information and Technology									
Sl.	Item Name	Unit cost in		Total Cost	Type of					
No	Tem (ame	rupees	Quantity	in Rupees	Procurement					
1	Photogrammetry Suite Hardware	991200	1	991200	Shopping					
2	Oracle	26550	15	398250	Shopping					
3	DotNet	10148	15	152220	Shopping					
4	Upgradation of ERDAS and Photogrammetry Suite Software 2011 to 2017	885000	1	885000	Shopping					
5	Differential Global Positioning System (DGPS)	1400000	1	1400000	Shopping					
6	Hand held GPS	105000	2	210000	Shopping					
			Total	40,36,670						

Centre for Water Resources								
Sl. No	Item Name	Unit cost in rupees	Quantity	Total Cost in Rupees	Type of Procurement			
1	Desktop Computer	59000	15	885000	Shopping			
	107777 0 1, 1700	206450		206450	21 .			
2	10KVA Online UPS	306450	1	306450	Shopping			
3	Laminar Flow Table	64900	1	64900	Shopping			
4	Tilting Flume Apparatus	165200	1	165200	Shopping			
5	Pipe Surge & Water Hammer Apparatus	112100	1	112100	Shopping			
6	Free & Forced Vortex Apparatus	64900	1	64900	Shopping			
7	Rota Meter Test RIG Apparatus	44840	1	44840	Shopping			
8	Pitot Static Tube Apparatus	53100	1	53100	Shopping			
9	Hydraulic Ram Test RIG	112100	1	112100	Direct			
10	Cavitation Apparatus	188800	1	188800	Shopping			
11	Darcy's Law Apparatus	53100	1	53100	Shopping			
12	Fluoride Meter	139283	1	139283	Shopping			
13	Autoclave	321200	1	321200	Shopping			
14	COD Heater Block	115640	1	115640	Shopping			
15	Visible Spectrophoto Meter	350000	1	350000	Shopping			
16	Chlorophyl Meter	377000	1	377000	Shopping			
17	200MHz Antenna for GPR	826000	1	826000	Direct			
18	Visual Modflow Flex Prov.5.0	212400	1	212400	Direct			
19	25 Degree FOV for Spectroradiometer	378525	1	378525	Direct			
	1		Total	47,70,538				

	Center for Na	no Science A	and Tech	nology				
Sl.	Item Name	Unit cost in		Total Cost	Type of			
No		rupees	Quantity	in Rupees	Procurement			
1	Programmable Tubular Furnace with controlled atmosphere	649000	1	649000	Shopping			
2	Inter Face - Gas Sensing Probe	118802	1	118802	Direct Shopping			
3	FTIR (Fourier Transform InfraRed Spectrophotometer)	1600000	1	1600000	Shopping			
4	Ultrasonic Homogenizer	598500	1	598500	Shopping			
5	silver and copper Inter digitated electrodes	236000	2 box (50 pieces and zig)	236000	Shopping			
6	Mixed Gas Cylinders with Regulators	99887	1	99887	Shopping			
7	AFM contact and non-contact tips	236000	2 boxes of 50 pieces	236000	Direct Shopping			
8	Muffle Furnace	50000	1	50000	Shopping			
9	Programmable spin coating unit	199863	1	199863	Shopping			
10	Ion Specific Detector	212388	1	212388	Shopping			
	Total 40,00,440							

Centre for Biotechnology					
Sl.	Item Name	Unit cost in		Total Cost	Type of
No		rupees	Quantity	in Rupees	Procurement
1	Table Top Centrifuge	170000	1	170000	Shopping
2	Ion analyzer	115640	1	115640	Shopping
3	Bacteriological Incubator	210000	1	210000	Shopping
4	Low Temperature BOD Incubator	672600	1	672600	Shopping
5	Bacteriological Laminar Air Flow Chamber	170100	1	170100	Shopping
6	Microscope (Basic)	32449	6	194695	Shopping
7	Spectrophotometer (Only Visible)	90247	1	90247	Shopping
8	Inverted Microscope for cell culture	251318	1	251318	Shopping
9	Ultrapure water system	198900	1	198900	Direct
10	Water Bath WithShaker	75399	1	75399	Shopping
11	Digital Weighing Balance	38151	2	76302	Shopping
12	Cold Centrifuge	777600	1	777600	Shopping
13	Ph Meter With Buffers	18273	3	54820	Shopping
14	Electrophoresis (Vertical & Horizontal) with Powerpack:	118584	1	118584	Shopping
15	Gel Doc	434362	1	434362	Shopping
16	Bacteriological Aircurtain	58320	1	58320	Shopping
17	ELISA Reader	254664	1	254664	Shopping
18	Biosafety cabinet	225504	1	225504	Shopping
19	Computers	22050	5	110250	Shopping
			Total	42,59,305	

Center for Chemical Sciences and Technology					
Sl. No	Item Name	Unit cost in rupees	Quantity	Total Cost in Rupees	Type of Procurement
1	Mass Spectrometer	3600000	1	3600000	Shopping
2	Low Temparature Reactor	850000	1	850000	Shopping
3	2 Ton Split Ac	49450	1	49450	Shopping
	Total 44,99,450				

$\frac{Annexure\text{-}IV}{\text{GUIDELINES ON TA/DA NORMS FOR ALL TYPES OF TEQIP-III ACTIVITIES}}$

The Guidelines on TA/DA norms are appended below for faculty and staff who will be attending any meeting / conference / workshop / training etc. at the institution other than their own institution.

1. Travel Allowance Entitlement

Table-1

Grade Pay / AGP	Pay level	Travel by Air	Travel by Train	Travel by Road
of Individual (6 th Pay)	(7 th Pay)			
(0 1 4 7 7				
Rs.7600/- and	12 and above	Economy Class	AC First class	AC/ordinary taxi,
above		by Air India*		Auto / AC Bus
Rs.5400/- to	9-11	-	AC-II Class	Ordinary Taxi,
below Rs. 7600/-				Auto / AC Bus
Rs.4200/- to	6-8	Not Eligible	AC-II Tier /	Ordinary Taxi /
below Rs.5400/-			AC Chair Car	Auto Rickshaw / Any Public Bus incl. AC Bus
Below Rs.4200/	Below 5	Not Eligible	AC-III Tier /	Auto rickshaw /
			AC Chair Car	Any Public Bus except AC Bus

^{*}However, on non-availability of Air India Flights connecting two places or non-availability of ticket in Air India flights, Private Airlines by economy class may be allowed subject to the condition that the fare charged is not more than the Air India fare.

2. Daily Allowance (D.A) Entitlement: Entitlement of D.A will be as per the following as per the note given below the table-2:

Table-2

Grade Pay / AGP of Individual(6 th Pay)	Pay level (7 th Pay)	Hotel charges per day (Max.)	Food bill per day (Max.)	Local Travel with the City (Max.) per day
Rs.10000/- and above	14 and above	Rs.7500/-	Rs.1200/-	AC Taxi charges upto 50 KMs within the city
Rs.7600/- to below Rs. 10000/-	12-13	Rs.4500/-	Rs.1000/-	AC Taxi charges upto 50 KMs within the city

Rs.5400/- to below Rs.7600/-	9-11	Rs.2250/-	Rs.900/-	Non AC Taxi charges upto Rs.338/- within the city
Below Rs.4200/ to below 5400/-	6-8	Rs.750/-	Rs.800/-	Non AC Taxi charges Upto Rs.225/- within the city
Below Rs.4200/-	5 & below	Rs.450/-	Rs.500/-	Non AC Taxi charges Upto Rs.113/- within the city

- i. Reimbursement of Hotel charges: For levels 8 and below, the amount of claim (up to ceiling) may be paid without production of vouchers against self-certified claim only. The self-certified claim should clearly indicate the period of stay, name of dwelling etc. Additionally, for stay in Class 'X' cities, the ceiling for all employees upto Level 8 would be 1000 per day, but it will only be in the form of reimbursement upon production of relevant vouchers. The celling for reimbursement of hotel charges will further rise 25% whenever DA increases by 50 %.
- ii. Reimbursement of Local Traveling charges: Similar to Reimbursement of staying accommodation charges, levels 8 and below, the claim (up to the ceiling) may be paid without production of vouchers against self-certified claim only. The self-certified claim should clearly indicate the period of travel, vehicle number etc. The ceiling for levels will further rise by 25% whenever DA increases by 50%. For journeys on foot, an allowance of Rs.12/- per kilometer travelled on foot shall be payable additionally. This rate will further increase by 25% whenever DA increases by 50%.
- **iii. Reimbursement of Food charges :-** There will be no separate reimbursement of food bills. Instead, the lump sum amount payable will be as per Table-2aboveand, depending on the length of absence from headquarters, would be regulated as per Table-3 below. Since the concept of reimbursement has been done away with, no vouchers will be required. The lump sum amount will increase by 25% whenever DA increase by 50%.

iv. Timing restrictions:

Table-3

Length of absence	Amount payable
If absence from headquarters is <6 hours	30% of Lump sum amount
If absence from headquarters is between 6-12 hours	70% of Lump sum amount
If absence from headquarters is >12 hours	100% of Lump sum amount

Absence from Head Quarter will be reckoned from midnight to midnight and will be calculated on a per day basis.

Note:

- 1. In case of places not connected by rail, travel by AC bus for all those entitled to travel by AC-II tier and above by train is allowed.
- 2. In case journey is performed by Taxi and more than one person from same college attends the workshop at same place, then the Taxi should be hired on sharing basis and the fare will be reimbursed proportionately to all the travelers.
- 3. In case road journey is performed by own car, copy of RC is to be submitted mandatorily.
- 4. Boarding Passes/Tickets (including Train, Bus etc.) Fare receipts of Taxi and Auto / Bill of Hotel & Foodcharges are to be deposited at the time of preferring the claim.
- 5. At place where no specific rates have been prescribed either by the Directorate of Transport of the concerned State or of the neighboring States:

For journeys performed in own car / taxi	Rs.24/- per KM
For journeys performed by auto rickshaw, own scooter etc.	Rs.12/- per KM

NORMS FOR PAYMENT OF HONORARIUM TO

GUESTS FOR LECTURE/SEMINAR/ WORKSHOP/ MEETING ETC.

These guidelines shall be applicable for paying honorarium to the Experts invited from institute/ industry for delivering lectures in Workshop/ Seminar or delivering key note address in conferences/ symposia or attending meetings of various statutory authorities like BoS, Examination Committee, Academic Council, BoG (Under UGC autonomous guidelines), Industry Consultation Committee etc.

- 1. Persons from Institutions of National Importance (INIs), Industry Expert and institutions participating in TEQIP-III:Rs. 5000/- per day/ meeting
- 2. Persons from Non-TEQIP Institutions:
 - (a) Rs. 4000/- per day for Principal/Professor/Associate Professor
 - (b) Rs. 3000/- Per day for Assistant Professor/ Contract faculty

Note:

- 1.No honorarium is payable to the faculty/ Professor the activities (Lecture/Seminar/Workshop/meeting) of own institution.
- 2. No honorarium is payable to the faculty /person from Mentor/Mentee Institute for the activities under twinning arrangement.

It supersedes the corresponding point 2.1a. i.iv (1.1 and 1.3 institutions) and point 2.2b bullet 2^{nd} (ATUs) for internal faculty/ persons as given in the permissible and non-permissible expenditure