

AGENDA OF 12TH MEETING OF BOARD OF GOVERNORS
JNTUH INSTITUTE OF SCIENCE AND TECHNOLOGY (Autonomous)
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD



AGENDA
Of
12th MEETING of
BOARD OF GOVERNORS

Venue:

Committee Room,

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

On

18th January, 2017 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

12th Meeting of Board of Governors

Venue: Chambers of the Director, IST, JNTUH

Date: 18-01-2017

Time: 10:00 AM

S NO	Name of the member	Designation	Signature of the Member
1	Dr. K.V. Raghavan INA Distinguished Prof. and Former Director, CSIR - IICT	Chairman	
2	Prof .A .Jaya Shree, Director, JNTUH IST	Member Secretary	
3	Dr. M. SivaKumaran, Director, Aurobindo Pharma Ltd, Hyderabad	Member	
4	Dr.Murali K.Tummuru, M.D, Virchow Biotech Pvt. Ltd, Hyderabad	Member	
5	Dr. B. Venkateswara Rao, Professor of Water Resources, IST, JNTUH	Member	
6	Dr. M. Anji Reddy, Prof. of EST, & Director, R& D, JNTUH	Member	
7	Dr. M. Lakshmi Narasu, Professor and Head Biotechnology, CBT, IST, JNTUH	Member	
8	Dr. Sandeep Grover, Professor, Dept. of Mech. Engg, YMCA University of Science and Tech, Faridabad	Member, UGC Nominee	
9	Dr. B.N. Bhandari, Director, Academic & Planning, JNTUH	Member, University Nominee	
10	Dr. Avinash S. Pant, Vice-Chairman, AICTE, New Delhi	AICTE Nominee	
11	Sri D. Venkateswarlu, Secretary, SBTE, Telangana State, Hyderabad	State Government Nominee	
12	Prof. C. Radha Krishna, Rtd. Professor of Electrical Engg, and Mentor, JNTUH IST, Hyderabad.	Special Invitee	
13	State Project Coordinator, SPFU, Dept. of Tech Edu, Hyd.	Special Invitee	
14	Dr. M.V.S.S. Giridhar, Head, CWR, and Coordinator, TEQIP-II, JNTUH, Hyderabad	Special Invitee	
15	Smt.L.Lalitha Devi, Assistant Registrar, JNTUH IST	Special Invitee	

JNTUH INSTITUTE OF SCIENCE AND TECHNOLOGY

(Autonomous)

Kukatpally, Hyderabad-500085

TWELFTH MEETING OF BOARD OF GOVERNORS

Venue: Chambers of the Director, IST, JNTUH

On 18th January, 2017 (Wednesday) at 10:00 AM

AGENDA

Item No.	Description of Item	Pg. No
01/12 BoG_ Jan-17	Minutes of 11thBoG meeting held on 31 st March, 2016 – for information.	4
02/12 BoG_ Jan-17	Expenditure from 1 st March 2016 to 30 th November 2016 related to TEQIP-II activities – for information and ratification.	4
03/12 BoG_ Jan-17	To reconsider and discuss the provision of M.Tech Assistantship to students of 2015-17 batch.	4-5
04/12 BoG_ Jan-17	To reconsider and discuss the provision of M.Tech Assistantship to students of Nano Electronics and Photonics, CNST.	5
05/12 BoG_ Jan-17	To ratify the expenditure submitted to the Director with reference to the International travel proposals submitted by faculty of IST, JNTUH.	5-6
06/12 BoG_ Jan-17	To discuss the possibility of extending support by way of payment of the registration fees for the courses attended by Dr.K.Venkateswara Rao, Assistant Prof. of JNTU IST, presently working as Raman Post doctoral fellow, USA.	6-7
07/12 BoG_ Jan-17	Any other items with the permission of Chair	7
08/12 BoG_ Jan-17	Vote of Thanks	7

List of Annexure

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Agenda of Twelfth BoG

01/12 BoG Jan,-17: Minutes of Meeting of 11thBoG meeting held on 31st March 2016 – for information.

The minutes of the 11th BoG meeting has been circulated to the Honorable Chairman and all the BoG members through email on 10th April 2016 for suggestions and approval. Further, requested all the members to send their suggestions for incorporation in the document on or before 15th April. All the suggestions made by the BoG members were incorporated. The final minutes were uploaded in the Institute website www.jntuhist.ac.in. The copy of minutes is given as Annexure-I.

This item is submitted for the information to BoG.

02/12 BoG Jan,-17: Expenditure from 1st March 2016 to 30th November 2016 related to TEQIP-II activities – for information and ratification.

The total expenditure from 1st March 2016 to 30th November 2016 related to TEQIP-II activities are listed in Annexure-II. The total expenditure during the period is Rs. 1,86,30,098.56/-. The component wise expenditure is as follows.

1. Procurements: Rs. 72,90,335.00
2. Assistantship of M.Tech students: Rs. 30,32,000.00
3. Assistantship to Ph.D student: Rs. 4,86,000.00
4. Research & Development (R&D): Rs. 21,72,168.00
5. Faculty & Staff Development (FSD): Rs. 24,44,304.00
6. Industry & Institute Interaction Component (IIIC): Rs. 17,98,736.00
7. Capacity Development (CD): Rs. 72,788.00
8. Reforms: Rs. 99,675.00
9. Academic Support for the weak students: Rs. 0.00
10. Incremental Operating Cost (IOC): Rs. 12,34,092.00

As discussed and approved in 11th BoG dated 31st March 2016, Rs. 2.0 Crores taken from the University as a loan and Rs. 50 Lakhs taken from the Four funds of TEQIP-I, the same amount will be remitted back to the respective accounts once the amount is received from the State Government. Rs.2.0 Crores from University are transferred to TEQIP-II Account on 07th May 2016 and Rs.50 Lakhs from Four Funds of TEQIP Phase - I of IST are transferred to TEQIP-II Account on 04th May 2016.

This item is submitted for ratification and approval by the BoG committee.

03/12 BoG Jan,-17: To **reconsider** and **discuss** the provision of M.Tech Assistantship to students of 2015-17 batch of IST.

Due to the repeated requests from students of 2015-17 batch of IST, the provision of the M.Tech Assistantship for 2015-2017 batch is presented again for discussion and consideration. The application/proposal was presented in the Tenth BoG held on 30th December 2015. The BOG committee discussed the possibilities of extending Teaching Assistantship to 2015-17 batch and decided not to extend the Teaching Assistantship to the 2015-17 batch due to closure of the TEQIP II project by October 2016, where as the course will be continued till the academic year 2016-17. Minutes of the 10th BoG are attached as Annexure-II for ready reference.

Honorable Chairman and members of the BoG are requested to discuss and decide on provision of M.Tech Assistantship for the batch 2015-17.

04/12 BoG Jan,-17: To **reconsider** and **discuss** the provision of M.Tech Assistantship to students of Nano Electronics and Photonics, CNST.

The Nano electronics & Photonics students of CNST represented to extend the Teaching Assistantship. However the BoG committee has earlier decided in 1st BoG dated 26th November 2013 that only AICTE approved courses are only eligible for applying Teaching Assistantship.

Honorable Chairman and members of the BoG are requested to discuss and decide on provision of M.Tech Assistantship for students of Nano Electronics and Photonics, CNST.

05/12 BoG Jan,-17: To **ratify the expenditure submitted to the Director with reference to the International travel proposals submitted by faculty of IST, JNTUH.**

The international travel proposals were submitted by Dr.B. Venkateswara Rao, Professor of Centre for Water Resources, Dr. M.V.S.S.Giridhar, Assistant Professor, Centre for Water Resources and Dr. K. Manjula vani, Professor, Centre for Spatial Information and Technology. In principle, the proposals submitted by the faculty were accepted by Director of IST before visiting abroad. However, the proposals are presented before the BoG for approval and ratification.

However, faculty have already submitted the expenditure bills related to the International travel as follows.

Name of the Faculty	Purpose of the visit	From - To	Budget proposed in Rs.	Expenditure bills submitted in Rs.
Dr.B.Venkateswara	To deliver an invited talk at "2016	23/07/2016 –	Rs.1,51,000/-	Rs. 1,36,425/-

Rao	International Conference on Water Resources and Environment (WRE-2016) at Shanghai, China.	26/07/2016		
Dr.M.V.S.S.Giridhar	Paper presentation entitled "Spectral Response for different soils under varying moisture conditions" at 37 th Asian Conference on Remote sensing 2016 (ACRS - 2016) at Colombo, Sri Lanka.	17/10/2016 – 21/10/2016	Rs.1,35,500/-	Rs. 1,20,771/-
Dr. K. Manjula Vani	<ul style="list-style-type: none"> • Paper presentation entitled "Soil erosion and sediment yield modelling using remote sensing and GIS techniques" at International Conference on Recent Innovations in Engineering and Technology (ICRIET) at Copenhagen, Denmark. • To discuss about the project entitled "Sustainable Urban Planning" at Blekinge Institute of Holgskola, Karlskrona, Sweden 	31/08/2016 01/09/2016 – 11/09/2016	Rs.2,75,000/-	Rs.1,99,878/-

Honourable Chairman and members of BoG are requested to discuss and approve the International travel proposals submitted by faculty of IST, JNTUH.

06/12 BoG Jan,-17: To discuss the possibility of extending support by way of payment of the registration fees for the courses attended by Dr.K.Venkateswara Rao, Assistant Prof. of JNTU IST, presently working as Raman Post doctoral fellow, USA.

Dr.K.Venkateswara Rao, Assistant Prof. of JNTUH IST presently working as Raman Post doctoral fellow, School of Medicine, Radiology, John Hopkins Medicine, Baltimore, USA has requested to extend financial support from TQEIP-II. He has attended the following courses at USA and requested to reimburse the Registration fees (Rs. 35,470.4/-). We have received the applications through e-mail requesting to consider the mail as the letter submitted to the TEQIP-II Office. The following are the course details.

1. A course on “Research Writing for Non- Native Speakers” during 15th August 2016 to 24th October 2016 at John Hopkins University, USA. The registration fee for the course is \$300 only.
2. 14th International Nanomedicine & Drug Delivery Symposium (Nano DDS’16) during 16th – 18th September 2016 at John Hopkins University, USA. The registration fee is \$206.72 only.

The total amount for the two courses is \$506.72 only (Rs. 35,470.4/- @ 1USD =70 INR).

Honorable Chairman and members of BoG are requested to discuss and approve the proposals for the payment of the registration fees.

07/12 BoG Jan,-17: Any other items with the permission of Chair

08/12 BoG Jan,-17: Vote of Thanks

Annexure-I

**MINUTES OF 11TH MEETING OF BOARD OF GOVERNORS
JNTUH INSTITUTE OF SCIENCE AND TECHNOLOGY (Autonomous)
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**



**MINUTES
Of
ELEVENTH MEETING OF BOARD OF GOVERNORS**

Venue:

Committee Room,

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

On

31st March, 2016 at 10:00 AM

**JNTUH INSTITUTE OF SCIENCE AND TECHNOLOGY (Autonomous)
Jawaharlal Nehru Technological University Hyderabad
Kukatpally, Hyderabad, Telangana State – 500 085**

INSTITUTE OF SCIENCE AND TECHNOLOGY (Autonomous)
Jawaharlal Nehru Technological University Hyderabad
 Kukatpally, Hyderabad, Telangana State – 500 085
11th Meeting of Board of Governors

Venue: Chambers of the Director, IST, JNTUH

Date: 31-03-2016

Time: 10:00 AM

S No	Name of the member	Designation	Signature of the Member
1	Dr. K.V. Raghavan INA Distinguished Prof. and Former Director, CSIR - IICT	Chairman	
2	Dr. M. SivaKumaran, Director, Aurobindo Pharma Ltd, Hyderabad	Member	
3	Dr.Murali K.Tummuru, M.D, Virchow Biotech Pvt. Ltd, Hyderabad	Member	
4	Dr. B. Venkateswara Rao, Professor of Water Resources, IST, JNTUH	Member	
5	Dr. M. Anji Reddy, Prof. of EST, & Director, R& D, JNTUH	Member	
6	Dr. M. Lakshmi Narasu, Professor and Head Biotechnology, CBT, IST, JNTUH	Member	
7	Dr. Sandeep Grover, Professor, Dept. of Mech. Engg, YMCA University of Science and Tech, Faridabad	Member, UGC nominee	
8	Dr. B.N. Bhandari, Director, Academic & Planning, JNTUH	Member, University nominee.	
9	Dr. Avinash S. Pant, Vice-Chairman, AICTE, New Delhi	AICTE nominee	
10	Sri D. Venkateswarlu, Secretary, SBTE, Telangana State, Hyderabad	State Government Nominee	
11	Prof .A .Jaya Shree, Director, JNTUH IST	Member Secretary	
12	Prof. C. Radha Krishna, Rtd. Professor of Electrical Engg, and Mentor, JNTUH IST, Hyderabad.	Special Invitee	
13	State Project Coordinator, SPFU, Dept. of Tech Edu, Hyd.	Special Invitee	
14	Dr. M.V.S.S. Giridhar, Head, CWR, and Coordinator, TEQIP-II, JNTUH, Hyderabad	Special Invitee	

JNTUH INSTITUTE OF SCIENCE AND TECHNOLOGY

(Autonomous)

Kukatpally, Hyderabad-500085

ELEVENTH MEETING OF BOARD OF GOVERNORS

Venue: Chambers of the Director, IST, JNTUH

On 31st March, 2016 (Thursday) at 10:00 A.M

MINUTES

Item No.	Description of Item	Pg. No
01/11 BoG_ Mar-16	Minutes of 10thBoG meeting held on 30 th December, 2015 – for information.	11
02/11 BoG_ Mar-16	Expenditure up to 29 th February 2016 related to TEQIP-II activities – for ratification.	11
03/11 BoG_ Mar-16	To ratify the sanctioned R&D project proposals submitted by faculty IST, JNTUH.	11
04/11 BoG_ Mar-16	To ratify the sanctioned Industry Institute Interaction Component project proposals submitted by faculty IST, JNTUH.	11-12
05/11 BoG_ Mar-16	To discuss and approve for the enhancement of salary for the TEQIP-II (outsourcing staff) as per TSGO.	12
06/11 BoG_ Mar-16	To discuss and approve International travel proposals presented by faculty of IST, JNTUH.	12-13
07/11 BoG_ Mar-16	To approve the procurement items submitted by the Centre for Spatial Information and Technology	13
08/11 BoG_ Mar-16	To discuss and approve the revised limits of various items after re-appropriation of Life time allocation (LTA).	14
09/11 BoG_ Mar-16	To review and ratify the Institutional Governing Guidelines (IGG) submitted to the NPIU on 02-02-2016.	14
10/11 BoG_ Mar-16	Any other items with the permission of Chair	14-15
11/11 BoG_ Mar-16	Vote of Thanks	15

01/11 BoG Mar, 16: Minutes of Meeting of 10thBoG meeting held on 30th December 2015 – for information.

The minutes of the 10th BoG meeting has been circulated to the Honorable Chairman and all the BoG members through email on 15th January 2016 for suggestions and approval. Further, requested all the members to send their suggestions for incorporation in the document on or before 20th January 2016. All the suggestions made by the BoG members were incorporated. The final minutes were uploaded in the Institute website www.istjntuh.ac.in.

Minutes of the 10th BoG are here by confirmed by the Governing Body.

02/11 BoG Mar, 16: Expenditure from 1st December 2015 to 29th February 2016 related to TEQIP-II activities – for ratification.

The total expenditure from 1st December 2015 to 29th February 2016 related to TEQIP-II activities. The total expenditure during the period is Rs. 25,04,682/-.

Members discussed about the total expenditure since inception of the project and suggested to complete a minimum of 65% of the life time allocation to apply for additional funding from MHRD.

The honorable chairman and members of BoG have gone through the expenditure statement and ratified the expenditure statement.

03/11 BoG Mar, 16: To ratify the sanctioned R&D project proposals submitted by faculty IST, JNTUH.

The members of BoG have ratified the R&D proposals submitted by the faculty for an amount of 2,80,000/-. The overhead charge for the Institute is Rs.42,000/-. The Chairman suggested to review the status of R&D projects in the month of June 2016. Further sanction of any support to R&D projects shall be considered based on project progress presentation made by the Principal Investigators before the members of BoG. The honorable chairman and members of BoG suggested to have regular monitoring on the progress of R&D projects.

BOG Members ratified the proposals submitted by the faculty along with overhead charges for the Institution.

04/11 BoG Mar, 16 : To ratify the sanctioned Industry Institute Interaction Component project proposals submitted by faculty IST, JNTUH.

The members of BoG have ratified the I I I proposals submitted by the faculty for an amount of Rs.9,39,972/-. The overhead charge for the Institute is Rs.1,40,996/-. The Chairman suggested to

review the status of I I I project in the month of June 2016. Further sanction of any support to I I I projects shall be considered based on project progress presentation made by the Principal Investigators before the members of BoG. The honourable chairman and members of BoG suggested to have regular monitoring on the progress of I I I projects.

Members ratified the proposals submitted by the faculty under industry institute interaction along with overhead charges for the Institution.

05/11 BoG Mar, 16: To discuss and **approve** the proposed enhancement in the salary for the TEQIP-II Staff as per the TSGO.

The total amount to pay the present salaries is Rs.38,500.00 per month. The total amount for the proposed salaries as per the Telangana State GO is Rs. 59,500.00 per month.

Honorable Chairman and members of the BoG have felt that enhancement of the salaries is implemented throughout the Telangana state w.e.f from 01.01.2016 as per TSGO dated 19-02-2016.

It is decided by the BoG to implement the proposed enhancement of the salary with effect from 01.01.2016 for the out sourcing staff working in the TEQIP-II office as per their designation.

06/11 BoG Mar, 16: To **discuss and approve** International travel proposals submitted by faculty of IST, JNTUH.

The international travel proposals submitted by the faculty were approved by the BoG Committee. The details are as follows:

- Dr. K. Venkateswara Rao, Associate Professor, CNST for oral presentation in “Nanotech France 2016” International Conference & exhibition at Paris, France during 1st - 3rd June 2016. The Budget approved by the BoG is Rs. 1,95,000/-
- Dr. Archana Giri, Assistant Professor, CBT for attending a training program at Dortmund, USA during 8th - 15th May 2016. The budget approved by the BoG is Rs. 2,15,500/-
- Dr.M.V.S.S.Giridhar, Assistant Professor & Head, CWR for oral Presentation in “5th International Conference on Agriculture, Environment and Biological Sciences (ICAEBS-16)” during 28th - 29th April 2016, further, to visit Asian Institute of Technology (AIT) during 24th -27th April 2016, Bangkok for research collaborations. The budget approved by the BoG is Rs. 2,18,400/-
- Dr. A. Jaya Shree, Director, IST & Professor, CCST to visit Johns Hopkins University, Baltimore, USA to undergo short term training in “Nano Technology applied to Chemical Biology”, further, to initiate collaborative research with the university during 10th - 20th May 2016. The budget approved by the BoG is Rs.2,38,172/-
- Dr.L.Saida, Assistant Professor, CBT to attend a short term training at Great lakes Institute for Environmental Research, University of Windsor, Canada 15th - 21st May 2016. The budget approved by the BoG is Rs.2,96,500/-
- Dr.Ch.Sasikala, Professor, CEN for oral Presentation in “International Conference on Environmental Science and Technology 2016”, Houston, Texas, USA during 6th - 10th June

2016, further to visit to North Eastern University, USA during 13th – 14th June 2016. The budget approved by the BoG is Rs.3,68,000/-

The total amount proposed by the faculty for the International Travel under Faculty and Staff Development program category is Rs.15,31,572.00.

Further, the members of BoG have asked for feedback and statement of Action Analysis from respective faculty of IST, JNTUH after International travel.

Honorable Chairman and the Members also suggested to include the component of Health Insurance during the Travel period of the faculty in foreign countries under TEQIP-II as per the SPFU guidelines.

07/11 BoG Mar-16: To approve the procurement items submitted by the Centre for Spatial Information and Technology.

The following list of procurement items were submitted by the Centre for Spatial Information and Technology to purchase under TEQIP-II funds.

Item No.	Description	Unit cost in Rs (without tax)	Total cost in Rs (including taxes)
1.	Electrical work	-	61968.38
2.	Partition work-600Sqft,	300/- sqft	2,06,100
	Computer chairs-20 nos and	4,000/-each	91,600
	Tables-12 nos.	7,000/-each	96,180
3	LAN net working		31,620
4	10 KVA UPS-2 units	2,50,000/- each	5,25,000
5	Hand held GPS receivers Juno 3B-3nos, Juno 3D-5nos	1,00,000/-each	8,40,000

Honourable Chairman and members of BoG approved the equipment (UPS and Handheld GPS in the above table) and the civil works (Electrical work, Partition work and LAN work) submitted by Centre for Spatial Information & Technology (CSIT) to purchase under procurement component of TEQIP-II as well as to spend within the limits of prior allocations.

However, the Electrical, partition and the LAN work may be included under the civil works. Computer chairs and tables may be included under the head of the Modernization of the Class rooms or the Furniture category. The furniture need to be purchased from the Godrej Company only by following the Procurement procedures as per the NPIU guidelines given in PMSS.

8/11 BoG Mar-16: To **discuss and approve** the revised limits of various items after re-appropriation of Life time allocation (LTA).

Honourable Chairman and members of BoG have approved the changes in the life time allocation of the project, as there is no change in internal caps. The members of the BoG have also appreciated the increase in the allocation of the funds for the R&D activities that enhances the Institute progress. The following are the changes in the revised life time allocation.

- To reduce teaching assistantship from 250 Lakh rupees to 190 Lakh rupees
- To increase the R & D component from 62.5 Lakh rupees to 125 Lakh rupees
- To reduce from 25 Lakh rupees to 5 Lakh rupees under Institutional Management Capacity enhancement component.
- To increase from 12.5 Lakh rupees to 30 Lakh rupees under Implementation of institutional reforms.

9/11 BoG Mar-16: To **review and ratify** the Institutional Governing Guidelines (IGG) submitted to the NPIU on 02-02-2016.

Honourable Chairman and members of BoG ratified the Institutional Governing Guidelines (IGG) of the Institute submitted to NPIU, New Delhi by the Institute.

10/11 BoG Mar-16: Any other items with the permission of Chair

BoG Committee has suggested the following points for improving the efficiency of the Institute.

- BoG Committee directed the Director, IST to ensure that all TEQIP nodal officers are available for the BoG meeting and also to present the activities under their respective allocated works.
- BoG Committee also directed to utilize the four funds which are available in TEQIP-Phase-I for payments for the pending bills under TEQIP-II and remit the same after receiving the funds from the State Government as the release of funds are delayed abnormally from state Government since July 2015. Further, committee directed the Director, IST to utilize the four funds to meet the partial expenditure of TEQIP II project and the categories IOC, R&D and I I I shall be given top priority.
- Regarding FSD, Chairman suggested the faculty, who have availed international travel facility under TEQIP to the present their tour experiences at department level and at

Institute level. He further suggested that, a day may be allocated for presentations at Institute level as per the Director instructions.

- BoG Committee approved for the purchase of equipment instead of civil works as per the centre's requirement with prior approval from the Director.
- BoG Committee also directed that IRG should be increased by each faculty for the Institution progress.
- Chairman and committee discussed elaborately and instructed to write a letter to the honourable Vice-Chancellor with a request to release three Crores as a loan which will be repaid as soon as the State government releases the funds.
- Civil works were proposed by the CCST department for Rs.9.8 Lakhs. The Honorable Chairman and members of BoG have approved for Rs. 6.0 Lakhs only as per the prior allocations made for each centre.

Annexure-II

**MINUTES OF 10TH MEETING OF BOARD OF GOVERNORS
JNTUH INSTITUTE OF SCIENCE AND TECHNOLOGY (Autonomous)
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**



**MINUTES
Of
TENTH MEETING of
BOARD OF GOVERNORS**

Venue:

Committee Room,

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

On

30th December, 2015 at 10:30 AM

**JNTUH INSTITUTE OF SCIENCE AND TECHNOLOGY (Autonomous)
Jawaharlal Nehru Technological University Hyderabad
Kukatpally, Hyderabad, Telangana State – 500 085**

INSTITUTE OF SCIENCE AND TECHNOLOGY (Autonomous)
Jawaharlal Nehru Technological University Hyderabad
 Kukatpally, Hyderabad, Telangana State – 500 085
10th Meeting of Board of Governors

Venue: Chambers of the Director, IST, JNTUH

Date: 30-12-2015

Time: 10:30 AM

S NO	Name of the member	Designation	Signature of the Member
1	Dr. K.V. Raghavan INA Distinguished Prof. and Ex. Director, CIR - IICT	Chairman	
2	Dr. M. SivaKumaran, Director, Aurobindo Pharma Ltd, Hyderabad	Member	
3	Dr.Murali K.Tummuru, M.D, Virchow Biotech Pvt. Ltd, Hyderabad	Member	
4	Dr. B. Venkateswara Rao, Professor of Water Resources, IST, JNTUH	Member	
5	Dr. M. Anji Reddy, Prof. of EST, & Director, R& D, JNTUH	Member	
6	Dr. M. Lakshmi Narasu, Professor and Head Biotechnology, CBT, IST, JNTUH	Member	
7	Dr. Sandeep Grover, Professor, Dept. of Mech. Engg, YMCA University of Science and Tech, Faridabad	Member, UGC nominee	
8	Dr.B.N. Bhandari, Director, Academic & Planning, JNTUH	Member, University nominee.	
9	Dr. Avinash S. Pant, Vice-Chairman, AICTE, New Delhi	AICTE nominee	
10	Sri D. Venkateswarlu, Secretary, SBTE, Telangana State, Hyderabad	State Government Nominee	
11	Prof .A .Jaya Shree, DIRECTOR, JNTUH IST	Member Secretary	
12	Prof. C. Radha Krishna, Rtd. Professor of Electrical Engg, and Mentor, Hyderabad.	Special Invitee	
13	Shri. S. Narsing Rao, State Project Coordinator, SPFU, Dept. of Tech Edu, Hyd.	Special Invitee	
14	Dr. M.V.S.S. Giridhar, Head, CWR, and Coordinator, TEQIP-II, JNTUH, Hyderabad	Special Invitee	

JNTUH INSTITUTE OF SCIENCE AND TECHNOLOGY

(Autonomous)

Kukatpally, Hyderabad-500085

NINTH MEETING OF BOARD OF GOVERNORS

**Venue: Chambers of the Director, IST, JNTUH
On 30th December, 2015 (Wednesday) at 10:30 AM**

MINUTES

Item No.	Description of Item	Pg. No
01/10 BoG_ Dec -15	Minutes of Meeting of 9th BoG meeting held on 17 th November, 2015 – for information.	5
02/10 BoG_ Dec-15	Expenditure from 1 st November up to 30 th November 2015 related to TEQIP-II activities – for ratification.	5
03/10 BoG_ Dec-15	To ratify the sanctioned R&D project proposals submitted by faculty IST, JNTUH.	5
04/10 BoG_ Dec-15	To ratify the sanctioned Industry Institute Interaction Component project proposals submitted by faculty IST, JNTUH.	6
05/10 BoG_ Dec-15	To discuss and approve deduction of Overhead charges from sanctioned R&D projects and supplementing the same to Maintenance fund of TEQIP-II, IST.	6
06/10 BoG_ Dec-15	To discuss and approve remission of Overhead charges from sanctioned IIC projects to the Institute funds of IST, JNTUH.	6
07/10 BoG_ Dec-15	To discuss and approve the provision of M.Tech Assistantship to students of batch 2015-17.	6
08/10 BoG_ Dec-15	To discuss and approve International travel proposals presented by faculty of IST, JNTUH.	6
09/10 BoG_ Dec-15	Any other items with the permission of Chair	6
10/9 BoG_ Nov-15	Vote of Thanks	7

01/10 BoG Dec -15: Minutes of Meeting of 9thBoG meeting held on 17th November, 2015 – for information.

The minutes of the 9th BoG meeting been circulated to the Honorable Chairman and all the BoG members through email on 30th November, 2015 for suggestions and approval. Further, requested all the members to send their suggestions for incorporation in the document on or before 05thDecember 2015. All the suggestions made by the BoG members were incorporated. The final minutes were uploaded in the Institute website www.istjntuh.ac.in.

This item was submitted for the information to BoG.

02/10 BoG Dec-15 : Expenditure from 1st November to 30th November, 2015 related to TEQIP-II activities – for ratification.

The expenditure statement from 1st November to 30th November is submitted to BoG for ratification.

The honourable chairman and members of BoG have ratified the expenditure statement.

03/10 BoG Dec-15: To ratify the sanctioned R&D project proposals submitted by faculty IST, JNTUH.

Honorable chairman has briefed the members of BoG committee about the procedure suggested by Ninth BoG for screening of R&D proposals. The members of BoG have ratified the R&D proposals.

The members of BoG have suggested for review of project status after 6 months. The review meeting shall be held in June 2016. Further sanction of any support to R&D projects shall be considered based on project progress presentation made by the Principal Investigators before the members of BoG.

04/10 BoG Dec-15: To ratify the sanctioned Industry Institute Interaction Component project proposals submitted by faculty IST, JNTUH.

Honorable chairman has briefed the members of BoG committee about the procedure suggested by Ninth BoG for screening of R&D proposals. The members of BoG have ratified the R&D proposals.

The members of BoG have suggested for review of project status after 6 months. The review meeting shall be held in June 2016. Further sanction of any support to R&D projects shall be considered based on project progress presentation made by the Principal Investigators along with representative from their respective collaborators before the members of BoG.

05/10 BoG Dec-15: To discuss and approve deduction of Overhead charges from sanctioned R&D projects and supplementing the same to Institute funds of IST, JNTUH.

Honourable chairman and members of BoG have discussed and endorsed the proposed deduction of

Over head charges from the sanctioned R&D projects and supplement the same to Institute funds of IST, JNTUH. However this deducted overhead charges shall be credited to Institute funds only after completion of R&D projects by the Principal Investigator.

Honourable chairman has asked the Director to disburse the sanction orders to the Principal Investigators at the earliest and see through the initiation of projects.

06/10 BoG Dec-15: To **discuss** and **approve** deduction of Overhead charges from sanctioned IIC projects to the Institute funds of IST, JNTUH.

Honourable chairman and members of BoG have discussed and endorsed the proposed deduction of Over head charges from the sanctioned IIC projects and supplement the same to Institute funds of IST, JNTUH. However this deducted overhead charges shall be credited to Institute funds only after completion of IIC projects by the Principal Investigator.

Honourable chairman has asked the Director to disburse the sanction orders to the principal investigators at the earliest and see through the initiation of projects.

07/10 BoG Dec-15: To **discuss** and **approve** the provision of M.Tech Assistantship to students of batch 2015-17.

Honourable Chairman and committee members opined that provision of M.Tech assistantship cannot be taken for the batch 2015-17 due to lack of TEQIP-II funds at the moment. Since the provision of M.Tech Assistantship for the batch 2015-17 is not possible beyond the TEQIP-II project period, the proposal of disbursing fellowships to 2015-17 batch students is dismissed.

08/10 BoG Dec-15: To **discuss** and **approve** International travel proposals presented by faculty of IST, JNTUH.

The international travel proposals submitted by the faculty were approved by the BoG committee. The details are as follows:

Name of Faculty	Purpose of Visit	From-To	Budget proposed
Dr.A.Uma	Attending Training program on "Genetic and Metabolic Engineering of Bacillus subtilis for D-Lactic acid production at the University of Florida, USA	02-05-2015 to 11-05-2015	Rs.2,96,000/-
Dr.K. Manjula Vani	Attending International Conference for Oral presentation at Berlin, Germany and study tour in Sweden	19-01-2016 to 30-01-2016	Rs. 4,00,000/-

Further, the members of BoG have asked for feedback and statement of Action Analysis from respective faculty of IST, JNTUH after International travel by those who have already made International visits under TEQIP- II and availed funds under TEQIP-II.

09/10 BoG Dec-15: Any other items with the permission of Chair.

1. Presentation of Departmental Progress Reports:

Honorable Chairman has proposed presentation of Department wise progress reports, achievements till 2015, action plans and targets aspired to be achieved by each department till October 2016.

2. Preparation of Revised IDP:

The members of BoG have deputed Dr.B.Venkateswara Rao for preparation of a revised Institute Development Plan (IDP) of IST, JNTUH.

3. Setting up of Internal Quality Assurance Cell:

The members of BoG have felt the need to set up Internal Quality Assurance Cell in IST, JNTUH to keep track of quality of Research and Consultancy activities pursued by IST, JNTUH. The proposed cell shall be in charge to monitor the quality of papers published and their impact factor, patents applied and research pursued by faculty and students of IST, JNTUH. The members who have received training under TEQIP-II for Internal Quality Assurance shall be members for the proposed Quality Assurance Cell.

4. Action plan on GSR and GDP Reports:

Honorable Chairman and members of BoG have requested the director to see through the preparation of action plan for ensuring compliance of GSR and GDP reports of IST, JNTUH. The following members have been suggested by the Director as Coordinators for preparation of action plan:

1. Dr. K. Ramamohan Reddy, Professor, CWR, IST, JNTUH
2. Dr. K.Venkateswara Rao, Professor, CNST, IST, JNTUH

10/10 BoG Dec -15: Vote of Thanks.

Annexure-III

TEQIP-II

Table-19
Permissible⁵² and Non-permissible Expenditures (Indicative)
for Centrally Funded, Government Funded & Government Aided Institutions Participating in Sub-component 1.2 :
Scaling-up Postgraduate Education and Demand-Driven Research & Development and Innovation

Suggested Activity*	Centrally Funded, Government Funded and Government Aided Institutions	
	Permitted ⁵³	Not Permitted
1. Procurement of goods (equipment, furniture, books & learning resources, software and minor items) and civil works for improvement in teaching, training and learning facilities	<ul style="list-style-type: none"> • Equipment and furniture⁵³ for: <ul style="list-style-type: none"> ○ Establishing new PG laboratories for existing programmes. ○ Establishing laboratories for starting new PG programmes in engineering disciplines ○ Faculty research and Institutional consultancy work. ○ Campus-wide networking of academic and administrative buildings, hostels and faculty residences and enhancing internet facilities. ○ Course specific software ○ Procurement of equipments like computer, printer etc. for Institutional TEQIP Unit ○ ICT enable learning and related software and hardware ○ Language laboratory • Modernization and strengthening of libraries: <ul style="list-style-type: none"> ○ Procurement of learning resources (print / digital books and Journals) ○ Digitization of library books ○ Establishment of CD-bank ○ Membership of INDEST-AICTE etc • Civil works⁵⁴ upto about 3% of project allocation for the institution for: <ul style="list-style-type: none"> ○ Refurbishment of existing structures/ spaces to create new laboratories for PG programmes and research ○ Reducing environment degradation and complying with EMF (see Civil Works Manual) 	<ul style="list-style-type: none"> • Equipment and furniture for: <ul style="list-style-type: none"> ○ starting new UG programmes, and ○ improving hostel facilities other than electronic networking. • Purchase of vehicles
2. Providing Teaching and Research Assistantships for significantly increasing enrolment in existing and New Masters and Doctoral programmes in engineering & applied sciences disciplines	<ul style="list-style-type: none"> • Teaching Assistantships⁵⁵ for Masters students in Engineering & applied sciences discipline that do not receive GATE/other scholarships • Research Assistantships to Doctoral students in Engineering & applied sciences disciplines that do not receive any scholarships through NDF / other schemes • Post doctoral fellowships in engineering disciplines. 	<ul style="list-style-type: none"> • Civil works undertaken for betterment of academic buildings such as UG classrooms; UG existing laboratories, workshops, computer centre and library; constructing new spaces and betterment of hostels.

*Note : (1) The approving authority for these activities is BoG / Competent Authority of the institutions except few cases of procurement (including services) where World Bank's No objection required. In addition, institution may also conduct other activities (not listed here) under the scope of the project and those fulfil the objectives of the project with the approval of BoG/Competent Authority of the institution.

(2) Procurement of consultant services, if required, for the activities listed from Sr. No. 2-8 are permitted. The expenditure on procurement of consultant services is to be booked against the head of expenditure of that particular activity. The services of consultants are to be procured by following the World Bank norms and procedures through the PMSS.

⁵² Expenditure is permissible only for the AICTE/UGC approved UG and PG teaching programmes, provided that Goods, Civil Works and Consultancy Services are procured in accordance with the procurement methods and procedures given in the Procurement Manual and are not declared ineligible expenditure by the external Financial Auditors.

⁵³ Expenditure for procurement of any equipment and furniture will not be admissible if procured with co-financing from any other source.

⁵⁴ Expenditure for any Civil Work activity will not be admissible if undertaken with co-financing from any other source.

⁵⁵ The amount of Teaching and Research Assistantships will be governed by the norms as prescribed by the UGC/AICTE or BoG of the institution.

- Providing Teaching and Research Assistantships to increase enrolment in existing and new PG programmes in Engineering & applied sciences disciplines,
- Enhancement of Research & Development and institutional consultancy activities,
- Faculty and Staff Development for improved competence based on Training Needs Analysis (TNA),
- Enhanced interaction with Industry,
- Institutional management capacity enhancement,
- Implementation of institutional reforms, and
- Providing academic support for weak students.

(B) Post-selection:

The institutions selected in this Sub-component should determine which activities they need to undertake in order to meet the objectives of this Sub-component; such activities should be set out in the Institutional Development Proposal, as amended from time to time by the institution's Board of Governors. Examples of activities institutions may wish to consider include:

(i) (a) Improvement in Teaching, Training and Learning facilities for Government funded and Government aided institutions:

Procurement of Goods [equipment; furniture; books & LRs, softwares; and minor items] and minor civil works that may be required under the Project for improvement in teaching, training and learning facilities. A maximum of 55% of total project allocation (estimated Rs. 5.5 crore) can be made for procurement by each Government funded and Government aided institution for this activity. [Refer Table-15 S.No. (1)].

The various sub-activities are as follows:

- (a) *Starting new PG programmes in Engineering discipline:* Starting of new PG programmes (Masters / Doctoral) can be proposed in the IDP. The Project will support only those new PG programmes that are AICTE approved and for which the availability of required faculty is assured.
- (b) *Modernization and strengthening of laboratories and establishment of new laboratories for existing UG and PG programmes and for new PG programmes:* For meeting additional/new requirements from UG and PG curricula, starting of new PG programmes, removal of obsolescence and promotion of research activities for students and faculty are envisaged in the project through:
 - (i) modernization and strengthening of laboratories for existing UG and PG programmes
 - (ii) establishment of new laboratories for existing UG and PG programmes
 - (iii) establishment of new laboratories for new PG programmes
- (c) *Modernization of Classrooms:* Classrooms could be modernized to have Smart Boards and Computers linked to LCD Projectors with screen, which would hold greater attention of the students than mere lecturing. Guest lectures or class lectures organized through V-SAT, Video Conferencing and Audio-Conferencing can also be considered depending upon need and feasibility. The classrooms need to be equipped accordingly.
- (d) *Updation of Learning Resources:* Continuous updating of Learning Resources (books, e-books, e-journals, CDs and professional software) and procuring the same is part of the improvement to be brought about in the teaching learning process. Course specific software to improve teaching learning process may be procured, as required. The faculty needs to be encouraged and trained to use modern equipment and course-specific software.
- (e) *Procurement of Furniture:* Furniture may be required for modernization of existing laboratories, establishment of new laboratories, libraries, Computer Centres and classrooms. Provision would need to be made for such procurement in the Institutional Development Proposal.
- (f) *Establishment/Upgradation of Central and Departmental Computer Centres:* Institutions may need to focus on modernize/upgrade Computer Centres to meet curricular and research requirements. It is desirable that Computer Centres be kept open for extended periods beyond working hours and on non-working days. Proper connectivity with Campus-wide Networking is most desirable. Purchase of the required Computers at one go may be avoided; it may be phased to ensure that the latest systems are procured. The IDP should include the number of computer systems required with purpose, cost estimates and time frame.

Further, these institutions should ensure that the allocated funds be spent judiciously covering all the envisaged activities under the project for the private unaided institutions, so that the objectives of the project are achieved. Moreover, it should be ensured that these institutions should follow scrupulously the agreed rules and procedures as set out in the Financial Management and Procurement Manual.

(ii) Providing Teaching and Research Assistantships to increase enrolment in existing and new PG programmes in Engineering & applied sciences disciplines:

Increased output of Postgraduates and Doctorates is of crucial importance for meeting the large requirements of faculty and for meeting the needs of the Industry. It is also essential to encourage Graduates to join Masters programmes and also pursue Research programmes for being employed as faculty. Institutions receiving funds under the Project are encouraged to seek enhancement of Masters degree seats from AICTE so as to increase the enrolment in Masters programmes. Employees sponsored from Industry will be allowed to be enrolled in all Masters and Doctoral programmes. Institutions may also seek permission to convert the unfilled GATE and Industry sponsored seats to non-GATE and non-Industry sponsored seats respectively so that seats do not remain vacant.

GATE qualified students enrolled in Masters courses will receive scholarships as per AICTE norms from the Government sources. The meritorious students admitted by the institutions for Masters Courses that do not receive GATE/other scholarships, may receive Teaching Assistantships from TEQIP funds.

The institutions could also provide Research Assistantships through TEQIP funds to the enrolled Doctoral students that do not get any scholarships through NDF/other schemes.

The Teaching and Research Assistantships are to be provided by institutions as per the prevalent UGC/AICTE norms. The students receiving Teaching or Research Assistantships will be required to devote 8-10 hours per week for teaching or research, as the case may be.

(iii) Enhancement of Research & Development and Institutional Consultancy Activities:

The selected institutions are to promote increased participation of faculty in research, R&D projects and consultancy, for example through merit recognition and fiscal and career incentives. Institutions that already have Doctoral programmes should encourage Masters Students to join Doctoral programmes, as explained in paragraph above.

Institutions need to market their services to the Industry. The Industry should be encouraged to give live problems to the institution for solutions. The faculty who have expertise should be encouraged to take up consultancy assignments, which would directly and indirectly benefit the institution, faculty and students. Internal Revenue Generation (IRG) should receive a boost, and some of the income should be shared with faculty, staff and students as per the norms approved by the Institute's Board of Governors (BoG). Regular interactions through consultancy are likely to promote a healthy and useful relationship between Industries and institutions. Care should be taken that consultancy services offered to Industry do not affect the teaching schedules and processes. Institutions need to develop a strategy for enabling faculty to secure consultancy assignments and to complete them timely and successfully. The strategy in this regard is to be detailed in the IDP.

Institution is also expected to encourage UG and Masters students to get associated with Industry oriented/sponsored research programmes under the guidance of senior faculty. This is expected to increase their interest in higher education and research.

Institutions are also expected to offer "Seed grant"¹⁹ for research to faculty members and / or students to venture into innovative research and to strengthen research culture in institutions.

(iv) Faculty and Staff Development for Improved Competence based on Training Needs Analysis (TNA):

Enhancing faculty and staff competence would receive focused attention under the Project. Faculty development should be closely linked to the overall goals of the institution as also to fulfil individuals' justifiable professional aspirations. Institutions should plan to spend at least 10% institutional project outlay on faculty and staff development. [Refer Annex-VI].

¹⁹ Updated as per Minutes of Review Meeting held on 19 June 2013.