AGENDA OF 21st MEETING OF BOARD OF GOVERNORS

JNTUH INSTITUTE OF SCIENCE AND TECHNOLOGY (Autonomous)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

AGENDA

Of

21st MEETING of

BOARD OF

GOVERNORS

Venue:

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

On

Saturday, August 3, 2019 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

21st Meeting of Board of Governors

Venue: Meeting Hall, O/o Director, IST JNTUH.
Date: 03-08-2019   **Time: 11:00 AM**

S. No	Name of the Member of BoG	Designation	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	Director, Aurobindo Pharma Ltd.	Member
4.	Dr. Rakeshwar Bandichhor	Director, Dr. Reddy's Laboratories Ltd.	Member
5.	Sri. B. Gopala Krishna	Dy. Director(Retd),NRSC, Hyd.	Member
6.	Dr. A. D. Rao	Regional Director (Retd),CGWB, Ministry of Water Resources	Member
7.	Dr. K. Yella Reddy	Dean, Faculty of Agriculture Engg., & Technology, ANGRAU, A.P	Member
8.	Dr. M. Anji Reddy	Professor of Environmental Science and Technology and Director R&D, JNTUH.	Member
9.	Dr. K.Ramamohan Reddy	Professor of Water Resources, IST, OSD to VC and Director I/c Academic Audit Cell, JNTUH.	Member
10.	Dr. G. Krishna Mohan	Professor of Pharmacy, CPS, 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.V.Soamidas	Dean, DEI	Member
14.	Dr. B. L. Rama	Director, AICTE, New Delhi	Member
15.	Sri. D. Venkateswarlu	Secretary, SBTE, Telangana State, Hyderabad	Member
16.	Dr.Bh. Nagabhushan Rao	Mentor, IST-TEQIP III	Special Invitee
17.	Dr.A.Jaya Shree	Prof of Chemistry,CCST, IST and Former Director, IST	Special Invitee
18.	State Project Coordinator	SPIU, Dept. of Tech Education, Hyderabad	Special Invitee
19.	Dr.T.Vijaya Lakshmi	Associate Professor of Environmental Science & Coordinator TEQIP-III.	Special invitee
20.	Dr.B.Venkateswara Rao	Director, IST, JNTUH	Member Secretary

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4.	Annexure – III	Minutes of 20th BoG Meeting
5.	Annexure – IV	Finance Committee Resolutions and Expenditure copy
6.	Annexure – V	Status of mini Projects and M.Tech Projects

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

TWENTY FIRST MEETING OF BOARD OF GOVERNORS

Venue: Meeting Hall of the Director, Institute of Science and Technology,JNTUH
On Saturday, August 3, 2019 at 11:00 AM

AGENDA

Item No.	Description of Item
UNIT: I ACTION TAKEN REPORT	
01/21 BoG_Aug-19	Presentation and action taken report by the Director, IST,JNTUH after 20th BoG Meeting dated 04-05-2019.
UNIT-II: ITEMS FOR CONSIDERATION AND APPROVAL	
02/21 BoG_Aug-19	To confirm the Minutes of the 20th BoG meeting held on 04th May 2019.
03/21 BoG_Aug-19	To consider and approve Expenditure incurred in TEQIP-III since 20th BoG to till date.
04/21 BoG_Aug-19	To consider and approve the sanction of seed grant for research to the contract faculty of IST, JNTUH.
05/21 BoG_Aug-19	To consider and approve the enhancement of Experimental charges from Rs.10000/- to Rs.20000/- for M.Tech Project students.
06/21 BoG_Aug-19	To consider and approve proposals to organize National and International conferences /workshops.
07/21 BoG_Aug-19	To consider and approve the Research Assistantship enhancement from Rs.18000/- to Rs.25000/-under Research Assistantship of TEQIP-III Grants.
08/21 BoG_Aug-19	To consider and approve the Extension of Research Assistantship to the full time scholars with Science background but working in the areas of Technology and Engineering Problems.
09/21 BoG_Aug-19	To consider and approve the procurement of goods
10/21 BoG_Aug-19	To consider and approve to request the university for Block grant for the IST to meet the deficit budget
UNIT-III : ITEMS FOR RATIFICATION	
11/21 BoG_Aug-19	Ratification of the programs organized by the IST faculty.
12/21 BoG_Aug-19	Ratification of the extension of seed grant facility to the Emeritus Professors working in IST, JNTUH.
UNIT-IV: ITEMS FOR INFORMATION	
13/21 BoG_Aug-19	Brief report on the Performance audit conducted during 22-24 July, 2019
14/21 BoG_Aug-19	Information about the Status of the mini project works by the faculty members and M.Tech project works by the students, supported under R&D component.
15/21 BoG_Aug-19	Information about the Organized Conferences/Workshops/Training Programs
16/21 BoG_Aug-19	Any other item with the permission of the Chairperson

UNIT: I ACTION TAKEN REPORT

01/21 BoG_Aug-19	Presentation and action taken report by the Director, IST, JNTUH after 20th BoG Meeting dated 04-05-2019.

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.

The Action taken report is as follows:

Autonomous Status: The UGC expert team has visited IST, JNTUH during 12-13 June, 2019 for extension of Autonomous status to the IST. Later the autonomous status was accorded to JNTUH, Institute of Science and Technology by UGC for a period of 5 years w.e.f 2019-2020 to 2023-2024 wide their letter No.F.22-1/2017(AC) dated 02 July, 2019.The university has also issued necessary notification regarding autonomous status to IST wide their procs.No.D1/7204/2019 dated 20 July 2019.**(both copies enclosed as Annexure-I) .**

❖ **Procurement of Goods:**

Out of the total allocated budget of Rs. 350 lakhs, an amount of Rs. 3,26,82,778/**-** has been incurred towards procurement of goods / items under the head of Procurement. The expenditure in pipeline is Rs. 14,07,717/-. Balance amount is Rs.9,09,505/- will be incurred towards Goods/civil works.

❖ **Academic Processes:**
As per the NPIU, PIP, Number of activities under academic processes were listed and include:

✓ improvement in teaching learning, and research competence, (faculty staff training, enhancing knowledge and research competence, management development training of faculty members, subject area training programs, training of technical staff)

✓ Enhancement of research , development and innovation

✓ Improving transition rates, of all the students

✓ Instituting academic and non academic reforms

✓ Student Employability: increasing interaction with industry, student career

counseling placement.

✓ Increasing faculty productivity and Motivation and Twinning activities.

Faculty members, technical staff and students of respective centers of the IST have organized & participated in number of activities with the support of TEQIP III project, during May-July, 2019. List of all the events organized/participated is given in **Annexure-II.**

Conferences/Workshops /Training Programs Organized by Faculty from May-July2019:
- Conferences   01
- Workshops   01
- Training Programs   01
- Expert Lectures Delivered 02

Conferences/Workshops / Training Programs **Attended by Faculty and Students from May-July2019:**
- Training Programs   04

During 17th BoG the budget for Academic Process under TEQIP-III is allocated and till now we have incurred an amount of **Rs. 1,02,26,474/-** from 1 Apr-2017 to 31 July- 2019 under various heads as Listed below:

S.No	Activity	Allocated Amount as per 17th BoG Agenda (in Rs.)	Spent Amount (in Rs.)	Remaining
1.	**R & D - M.Tech**	**25,00,000/-**	**19,18,888/-** (Miniproject,M.Tech project,Patents, Student attended)	**37,81,112/-**
2.	**R & D - Mini Project**	**32,00,000/-**		
3.	**Improve Student Learning**	**6,00,000/-**	**3,46,448/-**	**2,53,552/-**
4.	**Research Assistantships**	**64,80,000/-**	**10,98,000/-**	**53,82,000/-**
5.	**Faculty/Staff Development ,Motivation**	**60,00,000/-**	**37,00,242/-**	**22,99,758/-**
6.	**Reforms & Governance**	**20,00,000/-**	**10,62,942/-**	**9,37,058/-**
7.	**Mentoring & Twinning System**	**35,00,000/-**	**14,25,224/-**	**20,74,776/-**
8.	**Graduate Employability**	**6,00,000/-**	**1,86,095/-**	**4,13,905/-**
9.	**Industry-Institute-Interaction**	**6,00,000/-**	**1,74,620/-**	**4,25,380/-**
10.	**Management Capacity Development**	**5,00,000/-**	**3,10,498/-**	**1,89,502/-**
11.	**MOOCs and Digital Learning**	**5,00,000/-**	**3,517/-**	**4,96,483/-**
12.	**Hiring Consultancy Services**	**6,00,000/-**	**0.00/-**	**6,00,000/-**
	TOTAL	**2,70,80,000/-**	**1,02,26,474/-**	**1,68,53,526/-**

- ❖ **Twinning Activities:**
  - – 3 day Workshop on Employability opportunities, Industry internship and subject domain expert lectures under Twinning Activity during 10-12 July, 2019 at DEI.
  - – Two week training on Geospatial Technology (GST) and Industry Internship Awareness to 22 DEI students under Twinning Activity during 10-22 June, 2019 at IST,JNTUH.

- ❖ **Incremental Operating Cost:** Under this, Internal and statutory Auditing was carried out for TEQIP-III project on 9-10 May, 2019 for the years 2018-19 the internal and statutory audit report is without any objections.

UNIT-II: ITEMS FOR CONSIDERATION AND APPROVAL

02/21 BoG_Aug-19	To confirm the Minutes of the 20th BoG meeting held on 04th May 2019.

The minutes of the 20th BoG meeting has been circulated to the Honorable Chairman and all the BoG members through email on 15th May, 2019 for suggestions and approval. Further, requested all the members to send their suggestions for incorporation in the document on or before 25th May, 2019. All the suggestions made by the honorable BoG members were incorporated. The final minutes were uploaded in the Institute website www.jntuhist.ac.in. The copy of minutes is as given in **Annexure-III.**

The BoG may confirm the same.

03/21 BoG_Aug-19	To consider and approve Expenditure incurred since 20th BoG to till date in TEQIP-III.

The head wise expenditure incurred since 20th BoG 2019 to till date is **Rs.74,10,442/-** only.

Sl.No	Name of the item	Expenditure since 20th BoG (in Rupees)	Total expenditure since inception (in Rupees)	Percentage of total Expenditure on Life Time Allocation
1	Procurement of Goods	38,69,201	3,26,82,778	93.38
2	Academic Processes	29,34,666	1,02,26,474	36.52
3	Operating Cost	6,06,575	31,11,351	44.44
Total		74,10,442/-	4,60,20,603/-	65.74

The BoG may consider and approve the same.

04/21 BoG_Aug-19	To consider and approve the sanction of seed grant for research to the contract faculty of IST, JNTUH.

Dr.Prakash Kuniyal, Academic Specialist & Admin, NPIU has visited IST, JNTUH on 18thJuly, 2019 to review the progress of TEQIP expenditure. During his visit it has been remarked that though IST is doing well in all fronts,the expenditure in the academic processes is still 36.5% even after the project has crossed half way mark. Hence in the presence of SPIU representatives it has been advised to extend the seed grant facility to the contract faculty also. He cited the example of recent grants for research projects sanctioned to the temporary faculty appointed by NPIU to various TEQIP-III institutions.

Hence, it is proposed to extend the existing facility of sanctioning seed grant to contract faculty for research, with a condition that one of the regular faculty should act as a Co-PI and responsible for all administrative purposes.

The BoG may consider and approve the same.

05/21 BoG_Aug-19	To consider and approve the enhancement of Experimental charges from Rs.10,000/- to Rs.20,000/- for M.Tech Project students.

Currently the IST is sanctioning Rs.10,000/- to M.Tech students towards meeting the experimental charges such as purchase of chemicals, data, field work expenses etc., during their M.Tech project period. However they are representing that for some of the students, the chemicals utilized are costly and fieldwork by vehicle engaged is also expensive, hence they are requesting to enhance the grant from Rs.10,000/- to Rs.20,000/-.

The BoG may consider and approve the above.

06/21 BoG_Aug-19	To consider and approve proposals to organize National and International conferences /workshops.

Faculty members of IST have proposed to organize national and international conferences workshops and Training programs, under FSD. The programs will be organized as per the BoG guidelines. The details of the proposed events are given below.

S.No	Topic/Theme	Programme	Collaboration/ Association	Proposed Dates	Faculty Coordinator	No. of Participants	Approved Budget (Rs.)
1.	To organize 6 day training on "hands on Workshop on Molecular cloning and CRISPR Technology.	Training program	---	16-21 September, 2019	**Dr.A.Uma** Associate Professor, CBT	30	180000.00
2.	To organize 2 day Workshop on "Sensitization of Socially Challenged Communities- Higher Education" .	Workshop	---	7-8 August, 2019	**Dr.K.Venkateswara Rao** Professor, CNST	150	125000.00
3.	HR Conclave on Higher education Sustainability Initiatives.	National Conference	SPIU & CII	September, 2019	**Dr.B.Venkateswara Rao** Director, IST,JNTUH **Dr.T.Vijaya Lakshmi** Associate Professor, Environment and TEQIP-III Coordinator **Dr.CH.Shilpa Chakra** Assistant Professor, CNST, MIS & PMSS Coordinator, TEQIP-III.	300	300000.00

The BoG may consider and approve the above

07/21 BoG_Aug-19	To consider and approve the Research Assistantship enhancement from Rs.18000/- to Rs.25000/-under Research Assistantship of TEQIP-III Grants.

It is to inform to the honorable members of the BoG that all the national level scholarships for the JRF are in the order of Rs.32,500/- per month excluding HRA. The present Assistantship for the TEQIP-III Research Scholars is only Rs.18000/- per month which was sanctioned during TEQIP-II period. Therefore there is a need to enhance the research assistantship as per the request of the TEQIP-III scholars. The matter has been placed before 20th BoG and discussed at length. Finally it was suggested to the director to obtain a consensus amongst the TEQIP-III funded institutes of JNTUH campus to achieve the uniformity of TEQIP-III scholarships. Accordingly the director has written a letter to the JNTUH College of engineering. They replied that they have already enhanced scholarship to Rs.25,000/-vide their BoG held on. Hence it is proposed to enhance the research assistantship of Ph.D scholars under TEQIP-III from Rs.18000/- to Rs.25000/-.

The BoG may consider and approve the same.

08/21 BoG_Aug-19	To consider and approve the Extension of Research Assistantship to the full time scholars with Science background but working in the areas of Technology and Engineering Problems.

It is to submit to honorable members of BoG that IST is offering postgraduate programs not only in engineering but also in science. All the Ph.D programs are taken up in the problems of applied science and technologies. For Ph.D programs of IST, scholars from both science and engineering backgrounds are joining and working in the areas of emerging technologies. So far we have considered M.Tech graduates only for research assistantship of TEQIP-III. It is proposed to consider M.Sc graduates also for awarding research assistantship for TEQIP-III as both of them are getting Ph.D degrees under the same faculty.

The BoG may consider and approve the same.

09/21 BoG_Aug-19	To consider and approve the procurement of goods

In order to improve the monitoring the class work and to keep vigil on the examination hall and to implement AICTE mandate of SWAYAM PRABHA following infrastructure is proposed:

S.no	Item Description	Quantity	Unit cost in Rs.	Amount in Rs.
1.	IP Cameras & Accessories in IST Building	1	187000.00	187000.00
2.	Water Purification System	2	140000.00	280000.00
3.	SWAYAM PRABHA-DTH Setup.	3	5000.00	15000.00

The BoG may consider and approve the above.

10/21 BoG_Aug-19	To consider and approve to request the university for Block grant for the IST to meet the deficit budget

The finance committee of the IST has met on 24th July, 2019 and found that there is gap between income and expenditure to the tune of around Rs.52 lakhs per year **(Annexure-IV).** The committee has recommended to write to the university to sanction a block grant to the IST to meet the deficit budget. Hence the BoG is required to approved the recommendation.

The BoG may consider and approve the same.

UNIT-III : ITEMS FOR RATIFICATION

11/21 BoG_Aug-19	**Ratification of the programs organized by the IST faculty.**

The Faculty members of IST have organized number of conferences / workshops/ training programme under TEQIP- III since last BoG meeting. The details are listed below.

Organized/ Conferences/Workshops/Training Programs				
S.no	**Name of the Program**	**Name of the Faculty**	**Proposed dates**	**Budget in Rs.**
1.	Workshop on "Waste to Wealth"	**Dr.V.Hima Bindu** Professor, CEN	2-3 August, 2019	125000.00
2.	Workshop on "Research Methodology in Science and Technology"	**Dr.L.Saida Naik** Assistant Professor, CBT	31July, 2019	100000.00
3.	Workshop on "Rainwater Harvesting Structures for Residential Welfare association" as as part of occupational health and safety talk as per NPIU activity	**Dr.M.V.S.S.Giridhar,** Professor, CWR	4 July, 2019	20790.00
Twinning System/Mentoring				
4.	3 day Workshop on Employability opportunities, Industry internship and subject domain expert lectures at DEI	**Dr.T.Viajaya Lakshmi** Associate Professor, CEN.	10-12 July, 2019	150000.00
5.	Two week training on Geospatial Technology and Industry Internship Awareness to 22 DEI students at IST,JNTUH.	**Dr.T.Viajaya Lakshmi** Associate Professor, CEN.	10-22 June, 2019	248394.00

The BoG may ratify all the above programmes.

12/21 BoG_Aug-19	**Ratification of the extension of seed grant facility to the Emeritus Professors working in IST, JNTUH.**

Based on the request of the Emeritus Professor of the IST, the director IST has requested honorable chairman BoG, to extend the facility of seed grant to the faculty for research under TEQIP-III program to the Emeritus Professors also as they are duly appointed by the university. The honorable chairman has accorded in principle approval for the same subjected to the ratification of the BoG.

The action taken by the Director, IST may be ratified by the BoG

UNIT-IV: ITEMS FOR INFORMATION

13/21 BoG_Aug-19	**Brief report on the Performance auditing conducted during 22-24 July, 2019**

Performance auditing of IST was conducted during 22-24 July, 2019 by Performance Auditor Dr. K. A. Radha Krishna Rao Professor & Head, Department of ECE, P.E.S. College of Engineering, Mandya.

Submitted for Information to the honorable members of the Governing body.

14/21 BoG_Aug-19	**Status of the mini project works by the faculty members and M.Tech project works by the students, supported under R&D component.**

Status of the sanctioned mini projects and student's project works under R&D component is listed and presented in **Annexure-V.**

Submitted for Information to the honorable members of the Governing body.

15/21 BoG_Aug-19	**Information about the Organized Conferences/Workshops/Training Programs**

➤ The Faculty members of IST have Organized Conferences/Workshops/ Training programmes under Faculty/Staff Development (FSD). The Details are shown in **Annexure-II**

Submitted for Information to the honorable members of the Governing body.

16/21 BoG_Aug-19	**Any other item with the permission of the Chairperson**