

MINUTES OF 22nd MEETING OF BOARD OF GOVERNORS

JNTUH INSTITUTE OF SCIENCE AND TECHNOLOGY (Autonomous)

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD



MINUTES

of

22nd MEETING of

BOARD OF GOVERNORS

Venue:

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

on

Saturday, October 26, 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

22nd Meeting of Board of Governors

Venue: Meeting Hall, O/o Director, IST JNTUH.

Date: 26-10-2019

Time: 11:00AM

Members Present:

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. Rakeshwar Bandichhor	Director, Dr. Reddy's Laboratories Ltd.	Member
3. ✓	Sri. B. Gopala Krishna	Dy. Director(Retd),NRSC, Hyd.	Member
4.	Dr. A. D. Rao	Regional Director (Retd),CGWB, Ministry of Water Resources	Member
5.	Dr. K. Yella Reddy	Dean, Faculty of Agriculture Engg., & Technology, ANGRAU, A.P	Member
6. ✓	Dr. M. Anji Reddy	Professor of Environmental Science and Technology and Director R&D, JNTUH.	Member
7.	Dr. G. Krishna Mohan	Professor of Pharmacy, CPS, 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.	Dr.V.Soamidas	Dean, DEI	Member
11. ✓	B.Sreenivas (State Project Coordinator)	SPIU, Dept. of Tech Education, Hyderabad	Special Invitee
12. ✓	Dr.T.Vijaya Lakshmi	Associate Professor of Environmental Science & Coordinator TEQIP-III.	Special invitee
13. ✓	Dr.B.Venkateswara Rao	Director, IST, JNTUH	Member Secretary

JNTUH INSTITUTE OF SCIENCE AND TECHNOLOGY (Autonomous)
Kukatpally, Hyderabad-500085
TWENTY SECOND MEETING OF BOARD OF GOVERNORS

AGENDA

Item No.	Description of Item
UNIT: I ACTION TAKEN REPORT	
01/22 BoG_Oct-19	Presentation and action taken report by the Director, IST, JNTUH after 21 st BoG Meeting dated 03-08-2019.
UNIT-II: ITEMS FOR CONSIDERATION AND APPROVAL	
02/22 BoG_Oct-19	To confirm the Minutes of the 21 st BoG meeting held on 03 rd August, 2019.
03/22 BoG_Oct-19	To consider and approve Expenditure incurred since 21 st BoG to till date in TEQIP-III.
04/22 BoG_Oct-19	To Consider and approve the procurement of items/equipment for the additional grants (10% of PLA) received from NPIU
05/22 BoG_Oct-19	To Consider and approve the estimated expenditure from the head of IOC towards Minor repairs and EMF.
06/22 BoG_Oct-19	To Consider and approve proposed MoU between: <ul style="list-style-type: none"> ❖ Centre for Pharmaceutical Sciences, IST JNTUH with Neuheit Pharma Technologies Private Limited. ❖ Centre for Environment, IST.JNTUH with M/s MID-WEST Group. ❖ Centre for Environment, IST, JNTUH with National Research Laboratory for Conservation of Cultural Property (NRLC), Lucknow. ❖ Centre for Biotechnology, IST, JNTUH with VCARE Biolabs Private Limited (placed as table agenda) ❖ Centre for Water Resources, IST, JNTUH with M/S Zeinth Energy Services Private Limited. Hyderabad (placed as table agenda).
07/22 BoG_Oct-19	To consider and approve proposals to organize National and International conferences /workshops.
08/22 BoG_Oct-19	To consider and approve processing fee towards publication of Research paper in the journal of "Frontiers of Microbiology".
UNIT-III : ITEMS FOR RATIFICATION	
09/22 BoG_Oct-19	Ratification of the programs organized by the IST faculty.
10/22 BoG_Oct-19	Ratification of procurement of ID card printing machine.
11/22 BoG_Oct-19	Ratification of International travel proposals of faculty of IST,JNTUH submitted to SPIU/NPIU under TEQIP-III: <ul style="list-style-type: none"> ➤ Dr. M.V.S.S Giridhar, Professor, Center for Water Resources. ➤ Dr.CH Shilpa Chakra, Assistant Professor, Centre for Nano Science & Technology.
12/22 BoG_Oct-19	Ratification of Additional funding for conduct AICTE sponsored two week FDP programme
13/22 BoG_Oct-19	Ratification of enhancement of seed money towards R&D projects.
14/22 BoG_Oct-19	Ratification of MoU between United Nations Association of AndhraPradesh&Telangana and JNTUH
UNIT-IV: ITEMS FOR INFORMATION	
15/22 BoG_Oct-19	Brief report on the Performance audit conducted during 22-24 July, 2019
16/22 BoG_Oct-19	Information about the Status of : <ul style="list-style-type: none"> ➤ Mini project works by: <ul style="list-style-type: none"> • Regular faculty members • Contract faculty members ➤ M.Tech project works by the students, supported under R&D component. ➤ Research Assistant Fellowship (RAF) to Ph.D Students.
17/22 BoG_Oct-19	Information about the Organized Conferences/Workshops/Training Programs.
18/22 BoG_Oct-19	Information about the status of the university for Block grant for the IST to meet the deficit budget.
19/22 BoG_Oct-19	Information about Environmental Management Frame(EMF) and resource efficiency audit at IST
20/22 BoG_Oct-19	Any other item with the permission of the Chairperson.

MINUTES OF THE 22nd BOG MEETING

The 22nd BoG meeting of IST, JNTUH was convened in the Meeting Hall of the Director, Institute of Science and Technology (IST), JNTUH, Hyderabad at 11 a.m, on Saturday 26th October, 2019. The meeting of the Board of Governors was chaired by Prof. P. Jaya Prakash Rao and welcomed all the BoG members to the 22nd BoG Meeting. The Chairman BoG, had asked Prof. B.Venkateswara Rao, Director, IST, JNTUH to present the detailed agenda of the meeting for discussion.

Prof. B.Venkateswara Rao, Director, IST, JNTUH extended a hearty welcome to The Chairperson, Members of the BoG and Special Invitees. Director made a presentation on significant activities taken up and achievements of IST to the honorable members of the BoG since last meeting i.e. August to October 2019. Details of the action taken report was presented by the Director IST to the members of the BoG. With the Chairperson's consent, agenda of the meeting was placed for consideration, discussion and for relevant ratifications in detail.

In the opening remarks, Hon'ble Chairperson, congratulated the IST for being shortlisted as one of the High Performing Institution and for qualifying for additional grants from NPIU. Chairperson appreciated the efforts taken by the Director in implementing TEQIP III project activities, and constituting registered alumni body at IST. Chairperson, BoG advised and asked the faculty to take up activities under MOOCs and conveyed that faculty members may be encouraged to prepare E-learning materials / lectures with the support of TEQIP III grants.

Action taken report was presented to the Hon.'ble members, by the Director, IST. During his presentation, Director, has briefed about the Performance score secured by the IST under TEQIP III Project as 1.23 and conveyed to the members that the improvement was from 1.52. Under Twinning the IST scored performance score as 1.00. JNTUH IST as one of the high performing institute, NPIU has allocated 10% additional grants (PLA) to the institute. After detailed discussion and exchange of opinions, the detailed head wise agenda was presented by the Director IST. The minutes of the meeting as per the agenda items are as given below.

UNIT: I ACTION TAKEN REPORT

01/22 BoG_Oct-19	Presentation and action taken report by the Director, IST, JNTUH after 21st BoG Meeting dated 03-08-2019.
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Presentation and action taken report by the Director, IST, JNTUH after 21st BoG Meeting dated 03-08-2019. The Director, IST has summarized the activities and action taken after the 21st BoG meeting.

Action taken report is as follows:

Performance Audit Status: 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. IST has scored 1.23 as performance score.

Institute of Science and Technology is recognized as one of the high performing Institution by NPIU and has received 10% of the PLA as additional grant amounting to be Rs.70 lakhs. The allocation of the fund under different heads is as per the NPIU recommendations i.e., 50% towards procurement of goods, 40% towards academic process and 10% toward IOC. In this connection IST is proposing to spend Rs.35 lakhs towards procurement, Rs. 28 lakhs towards academic processes and Rs.07 lakhs towards IOC.

Procurement of Goods:

Out of the total allocated budget of Rs.385 lakhs (350+35 lakhs as additional grant), an amount of Rs. 350.17 lakhs has been incurred towards procurement of goods / items under the head of Procurement. The expenditure in pipeline is Rs. 3.25 lakhs and Balance amount is Rs.31.58 lakhs. Faculty members, technical staff and students of respective centers of the IST have organized & participated in a number of activities with the support of TEQIP III project, during August-October, 2019.

Conferences/Workshops / Training Programs Organized by Faculty from Aug-Oct 2019:

- Workshops - 03
- Training Programs - 02
- Expert Lectures Delivered - 01

Conferences/Workshops / Training Programs Attended by Faculty and Students from Aug-Oct 2019:

- Conference - 01
- Training Programs - 02
- Industrial Visit - 01

During 17th BoG the budget for Academic Process Rs.2.70 Crores under TEQIP-III is allocated and till now we have incurred an expenditure of Rs.1,30,38,261/-from 1 Apr-2017 to 23 Oct-2019 under various heads.

❖ Twinning Activities:

- For the period of September-October, 2019, the IST has not initiated any Twinning activities, However Joint R&D proposal preparations are in progress. Dr.Ch. Sasikala, Centre for Environment, IST,JNTUH as PI has proposed to carry out joint R&D project entitled" BIOAEROSOL AND HEALTH with Dr. Ashok Yadav, Principal Investigator & Dr. Ranjit Kumar, as Co- Principal Investigator, from Dayalbagh Educational Institution, Agra.

❖ Incremental Operating Cost:

- Under this, Internal Auditing was carried out for TEQIP-III project on 23-24 October, 2019 for the first half of the year 2019-20 and the internal audit report is pending.
- In this context the members have suggested that action taken report may be submitted with respect to item wise actions taken based on previous minutes by the BoG. The Director, IST assured to follow the suggestions from next meeting.
- The institute alumni association was registered under the banner of ISTAA (Institute of Science and Technology Alumni Association) with the initial membership of 370.They have already conducted few, student oriented programmes.

BoG has approved the action taken report by the Director, IST.

UNIT-II:ITEMS FOR CONSIDERATION AND APPROVAL

02/22 BoG_Oct-19	To confirm the Minutes of the 21st BoG meeting held on 03rd August 2019.
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The Chairperson and members of the governing body approved the minutes of the 21st BoG meeting held on 03rd August 2019.

03/22 BoG_Oct-19	To consider and approve Expenditure incurred since 21st BoG to till date in TEQIP-III.
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S.no	Name of the item	Expenditure since 21 st BoG (in Rupees)	Total expenditure since inception (in Rupees)	Percentage of total Expenditure on Life Time Allocation including Additional grant.
1.	Procurement of Goods	23,35,428	3,50,17,236	91.00
2.	Academic Processes	35,91,904	1,30,38,261	42.28
3.	Operating Cost	6,41,984	36,53,135	47.53
Total		65,69,316/-	5,17,08,632/-	67.14

The BoG has approved the above expenditure.

04/22 BoG_Oct-19	To Consider and approve the procurement of items/equipment and allocation of funds for academic activities from the additional grants (10% of PLA) received from NPIU
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Institute of Science and Technology, JNTUH has been selected by NPIU as one of the best performing institute. NPIU has provided with additional grant of 10% of PLA (Rs.70 Lakhs) to the institution (50% for procurement, 40% for Academic Process & 10% for IOC). Hence as per the norms, additional grant of 50% (Rs.35 lakhs) has been allocated under the head of procurement. Various centre have proposed to procure the equipment under the procurement head of additional grant as shown in **Annexure-I**.

The additional amount of Rs 28.00 lakhs (40% of the additional grant) allocated for the following activities under academic processes:

- R & D - Mini Project : Rs 6,00,000/-
- Improve Student Learning : Rs 6,00,000/-
- Faculty/Staff Development ,Motivation : Rs 8,00,000/-
- Mentoring & Twinning System : Rs 6,00,000/-
- Graduate Employability : Rs 2,00,000/-

The BoG has approved the items proposed (Annexure-I) under procurement head of additional grant as well as the allocations made to various Academic processes as above.

05/22 BoG_Oct-19	To Consider and approve the estimated expenditure from the head of IOC towards Minor repairs and Environmental Management Framework (EMF) .
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Under the IOC, minor repair works may be taken up for improving the laboratories. All the TEQIP-III centres of IST have listed few repairs for smooth functioning of laboratories as shown in Annexure-II. Under the IOC head the IST has an amount of Rs.77 lakhs (including additional grant).

It is proposed that an amount of Rs 12.00 lakhs to be allocated towards minor repairs and maintenance of equipment and an amount of Rs 11.00 lakhs to be allocated towards works as shown in **Annexure-III** under EMF as per the EMF activity plan submitted to the NPIU.

Members of the BOG appreciated the recommendations of the resource efficiency study report submitted by CII-GBC for IST buildings (old and New). Members of the BoG advised Director, IST to inform the University Engineering Dept/ authorities about the works to be initiated under EMF.

The BoG has approved the repair works (Annexure-II) to the equipment under IOC grants of TEQIP-III and also approved the works (Annexure-III) to be under taken under EMF activity.

06/22 BoG_Oct-19	<p>To Consider and approve proposed MoUs between:</p> <ul style="list-style-type: none"> ❖ Centre for Pharmaceutical Sciences, IST JNTUH with Neuheit Pharma Technologies Private Limited. ❖ Centre for Environment, IST.JNTUH with M/s MID-WEST Group. ❖ Centre for Environment, IST, JNTUH with National Research Laboratory for conservation of cultural property (NRLC), Lucknow. ❖ Centre for Biotechnology, IST, JNTUH with VCARE Biolabs Private Limited (placed as table agenda) ❖ Centre for Water Resources, IST, JNTUH with M/S Zeinth Energy Services Private Limited. Hyderabad (placed as table agenda)
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Four centers of IST namely Centre for Pharmaceuticals Science, Centre for Environment, Centre for Biotechnology and Centre for Water Resources have proposed to enter MoUs with Industry partners after formal discussions with IST faculty members. University administration has requested for the approval by the BoG for further action.

Five MoU proposals placed for approval are:
Between

- M/S Neuheit Pharma Technologies Private Limited, ALEAP Industrial Estate, Pragathi Nagar Kukatpally and Centre for Pharmaceutical Sciences, JNTUH IST.
- M/s MID–WEST Group and Centre for Environment, JNTUH IST.
- O/o National Research Laboratory for Conservation of Cultural Property (NRLC), Lucknow and Centre for Environment, JNTUH IST.
- VCARE Biolabs Private Limited and Centre for Biotechnology, JNTUH IST (placed as table agenda)
- M/S Zeinth Energy Services Private Limited, Hyderabad and Centre for Water Resources JNTUH IST (placed as table agenda).

Members of the BoG appreciated the efforts and interests of the faculty members to get connect with the industry for joint R&D, student internships and consultancy through MoUs.

The BoG has approved all the above MoUs.

07/22 BoG_Oct-19	To consider and approve proposals to organize National and International conferences /Workshops.
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S. No	Topic/Theme	Programme	Collaborati on/ Association	Proposed Dates	Faculty Coordinator	No. of Partici pants	Proposed Budget (Rs.)
1.	Water, Environment and Society (ICWES-2020)	International Conference	-	3-5 June, 2020	Dr.M.V.S.S Giridhar Professor, CWR	150	350000.00
Outcome: Focus of the conference will be on the exchange of information, deliberations, cross fertilization of ideas and research on aspects of water and environment in the changing scenario.							
2.	Advances in Chemical Reactor Technologies	Workshop	-	December, 2019	Dr. A. Jaya Shree Professor, CCST	100	100000.00
Outcome: Importance of developing environmentally conducive safer and economically viable technologies will be discussed.							
3.	Biotechnology and Bioengineering Trends	International Conference	-	23-25 January, 2020	Dr.L.Saida Assistant Professor, CBT	150	350000.00
Outcome: To expose the participants in latest advance of research in Biotechnology.							

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.

As per the 14th BoG minutes, request for funding from the organizers needs to be placed before 12 months and 6 months for international and national conferences respectively. Since the organizers have not submitted in time, the members of the BoG felt that the two international conferences are approved for funding as national conferences and sanctioned Rs.3.00 lakhs for the each programme. An amount of Rs.1.00 lakh is approved for the workshop.

The BoG has approved the above modified funding.

08/22 BoG_Oct-19	To consider and approve processing fee towards publication of Research paper in the journal of "Frontiers of Microbiology".
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Dr.Ch. Sasikala, Professor, Centre for Environment, IST has requested funding towards publications charges of the research paper entitled "Taxogenomics resolved the conflict of genus Rhodobacter" in the journal of "Frontier of Microbiology", which is having a good impact factor and Scopus index. In the 19th BoG minutes, members has approved only the expenditure towards additional printing charges of additional pages, figures and images in colour, hard copy of the publication, postal charges and any other charges of similar kind.

The BoG has discussed at length, any funding can be considered provided at least 50% of the authors must be from IST, JNTUH.

The BoG has not approved the above proposal.

UNIT-III : ITEMS FOR RATIFICATION

09/22 BoG_Oct-19	Ratification of the programs organized by the IST faculty.
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The Faculty members of IST have organized number of conferences / workshops/ training programmes 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.	Remarks
1.	Women Occupational Health and Safety	Dr.CH. Shilpa Chakra Assistant Professor, CNST	November 22-23,2019	125000.00	To educate women & girls on personal hygiene, sanitation, preventing & Managing chronic diseases etc, and improving employees quality of life.
2.	Hands on Workshop on Current Research & Future Innovations in Drug discovery for Genome Medicine	Dr. A.Uma Associate Professor, CBT	October 14-15, 2019	125000.00	For the Benefit of students, research and scientists of various fields in biotechnology, microbiology, environmental & Nano technology.
3.	Hands on Training Workshop on Analytical Instrumentation	Dr. CH.Shilpa Chakra Assistant Professor, CNST	October 03-05, 2019	85353.00	Training for students on instrumentation and software.
4.	One day workshop on "Recent Trends in Bioprocess Technology Products and Opportunities".	Dr. Archana Giri Professor, CBT	September 13, 2019	99033.00	Students to understand the status of current research challenges and opportunities in bioprocess technology.

5.	One day Workshop on “Hands on Workshop on MATLAB Programming” under finishing school.	Dr.A.Uma Associate Professor, CBT	August 31, 2019	25340.00	Develops interfaces for interactively importing, processing, analyzing, visualizing biological or chemical data, images, or volumes, and deploy application, It has many potential applications to improving the yields of the product of interest useful in biotechnology research.
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Before organizing the events the Director IST has obtained in-principle approval from the chairman BoG through e-mail correspondence.

The BoG has ratified all the above programs.

10/22 BoG_Oct-19	Ratification of procurement of ID card printing machine.
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IST is issuing nearly 300 ID cards for the newly joined students, scholars and staff. Each ID card printing cost is more than Rs.100/- in the open market and nearly IST is spending Rs.30,000/- per year. Moreover they are printing only in bulk and IST could not get ID card in between whenever the new scholar or new staff member joins. Recently we came to know that ID card printing machine is costing around Rs.70,000/- and other consumables are costing around Rs.5,000/- per 1000 cards.

Therefore it is opined to have ID card printing machine at IST with some consumables so that within 2 years the entire establishment cost can be recovered and there after we save at least Rs.25,000/- per year and we can provide the ID cards as and when required. Hence, IST has requested the Honorable chairperson of the BoG by email dated: 29/08/2019 for in-principle approval for procuring the ID card printing machine for the IST with consumables at an estimated cost of Rs.75,000/- under the head of procurement of goods from TEQIP-III funds of IST.

The chairman of the BoG has accorded in-principle approval. Accordingly the Director has procured the said machine as per NPIU norms.

The action taken by the Director is ratified by the BoG.

11/22 BoG_Oct-19	Ratification of International travel proposal of faculty of IST,JNTUH submitted to SPIU/NPIU under TEQIP-III: ➤ Dr. M.V.S.S Giridhar, Professor, Center for Water Resources. ➤ Dr.CH Shilpa Chakra, Assistant Professor, Centre for Nanoscience & Technology.
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With the prior approval of Chairperson BoG, Director IST has forwarded two international travel applications to SPIU- TS for further processing at NPIU.

- Application submitted by Dr. M.V.S.S. Giridhar, Professor, Centre for Water Resources towards participation in International Conference on “Urbanization Implications on Blue-Green Spaces by change detection Analysis using Geospatial Technologies” at 40th Asian Conference on Remote Sensing (ACRS2019) being held at Daejeon, South Korea during 14-18 October, 2019. It is not materialized as the time is not sufficient.
- Application submitted by Dr.CH Shilpa Chakra, Assistant Professor of Nanotechnology in 32nd Assembly of Advanced Materials World Congress to be held at Sydney, Australia during 02 – 05, February, 2020, respectively.

The BoG has ratified the same.

12/22 BoG_Oct-19	Ratification of Additional funding to conduct AICTE Sponsored two week FDP programme
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Dr. K. Venkateswara Rao, Head & Prof of Nanotechnology received funding to conduct two week FDP programme on “Synthesis and Characterization of Nano Materials” for an amount of Rs.2,50,000/- from AICTE. He submitted that Rs.2,50,000/- is not sufficient to conduct programme smoothly with a minimum of 40 participants as per AICTE rules. The AICTE has advised in their sanctioned letter that any extra money required to complete the programme must be borne by the institute from own resources, but the quality of the activities should not be compromised. Hence he has requested Rs.3,00,000/- additional grant from TEQIP-III funds. As per the resolutions of the 17th BoG, the maximum grant for the 5-day training programme is Rs.2,00,000/-. In-principle approval by the BoG chairman by email dated: 03/10/2019 is obtained for the same, and presented for the BoG for ratification.

The BoG has ratified the same.

13/22 BoG_Oct-19	Ratification of enhancement of seed money towards R&D Projects.
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In the 21st BoG, there is an enhancement of R&D mini project seed money, for research projects of individual faculty from Rs.2,00,000/- to Rs.4,00,000/- as a continuation of existing project or by submitting new project for another Rs.2,00,000/-. However few faculty are requesting to recast their research activity by closing the existing project and submitting a new project with an outlay of more than Rs.2,00,000/- but within a maximum limit of Rs.4,00,000/- for both old and new projects together in order to enhance their research concept and proper execution. Such proposals if they are cleared by departmental research committee may be approved under TEQIP-III. Chairperson BoG in principle has approved the same in email dated: 13/09/2019. This is presented for the members for ratification.

The action taken by the Director IST has been ratified by the BoG.

14/22 BoG_Oct-19	Ratification of MoU between United Nations Association of Andhra Pradesh & Telangana and JNTUH.
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Director IST, JNTUH has received an expression of interest to make a MoU between United Nations Association of Andhra Pradesh & Telangana (UNA - AP&T) and JNTUH from Sri.L.Jayaramulu, Chief expert of ICSTI-UN. The intent of this MoU is to jointly work on areas of mutual interest in the fields of Science & Technology Research programs in the relevant areas. The UNA - AP&T and JNTUH proposes.

1. To promote UNA - AP&T sustainable goals among the Faculty, Students and Scholars with a view to serve the society in a project mode
2. To identify various collaborators both in India and abroad for joint research, internships for the students and exchange of ideas through workshops and seminars.
3. To carryout UNA - AP&T sponsored joint or individual specific research projects for sustainable education research and development in the fields of Science, Technology, Engineering and Management.
4. To pursue collaborative activities and other related activities, as found appropriate by both Parties during the course of this MoU.

After the approval by the honorable chairman of the BoG In principle through email dated: 21/09/2019, director IST has submitted draft copy of the MoU for ratification.

The BoG has ratified the above MoU.

UNIT-IV: ITEMS FOR INFORMATION

15/22 BoG_Oct-19	Brief report on the Performance auditing conducted during 22-24 July, 2019
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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. Over all, IST has attained a performance score of 1.23 and the members of BoG appreciated the IST, for attaining the good performance score compared to the previous auditing, under all sub heads.

16/22 BoG_Oct-19	Information about the Status of : <ul style="list-style-type: none">❖ Mini project works of the:<ul style="list-style-type: none">• Regular faculty members• Contract faculty members❖ M.Tech project works by the students, supported under R&D component.❖ Research Assistant Fellowship (RAF) to Ph.D Students.
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Progress of the sanctioned Mini project works of the Regular/ contract faculty, M.Tech project works under R&D and Research Assistantship to Ph.D students are listed and presented to the members of the BoG as shown in **Annexure-IV**.

The chairperson and members of the governing body noted the progress and advised to bring out good publications/ patents if any.

17/22 BoG_Oct-19	Information about the Organized Conferences/Workshops/Training Programs
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The Faculty members of IST have Organized Conferences/Workshops/ Training programmes under Faculty/Staff Development (FSD). The Details are shown in **Annexure-V**.

The Members of the BoG and Chairperson noted the number of events and the outcome of the conference and workshop organized by the faculty members of the IST during August-October 2019.

18/22 BoG_Oct-19	Information about the status of the university for Block grant for the IST to meet the deficit budget
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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. The committee has recommended to write to the university to sanction a block grant to the IST to meet the deficit budget. The letter has been addressed to the Registrar JNTUH by the Director IST.

Follow-up action of the Director was placed for information.

19/22 BoG_Oct-19	Information about the Environmental Management frame work(EMF) – Resource efficiency audit at IST
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As part of the EMF, director IST has taken up audit of various aspects of laboratory Safety measures/ Resource efficiency for all the centers of IST. CII-GBC has extended the service to carry out the audit. The measures to be taken up under EMF are discussed and members have recommended the works prioritized in the **annexure-VI** to be taken up at IST.

20/22 BoG_Oct-19	Any other item with the permission of the Chairperson
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No other item was placed for discussions.

Meeting ended with a vote of thanks proposed by Dr.T.Vijaya Lakshmi, Associate Professor of EST, Centre for Environment, and Coordinator, TEQIP III.