

AGENDA OF 24th MEETING OF BOARD OF GOVERNORS
JNTUH INSTITUTE OF SCIENCE AND TECHNOLOGY (Autonomous)
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERBAD



Through Video Conference Mode

On

Saturday, June 06, 2020 at 11:00 AM

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

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Jawaharlal Nehru Technological University Hyderabad
 Kukatpally, Hyderabad, Telangana State – 500 085

24th Meeting of Board of Governors

Through Video Conference Mode

Date: 06-06-2020

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., Centre for Environment, IST	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. Yaduvir Singh Chauhan	Principal, Raja Balwant Singh College Agra, U.P	Member
11.	Dr.M. Madhavi Latha	Director, Academic & Planning, JNTUH	Member
12.	Dr.V.Soamidas	Dean, Dayalbagh Educational Institution, Agra.	Member
13.	Dr. B. L. Rama	Director, AICTE, New Delhi	Member
14.	Sri. A.Pullaiiah	RJD, State Technical Board & SBTE – Nominee	Member
15.	Dr.Bh. Nagabhushan Rao	Mentor, IST-TEQIP-III	Special Invitee
16.	Sri B.Sreenivas	Nodal Officer, TEQIP-SPIU, Department of Technical Education, Hyderabad.	Special Invitee
17.	Dr.B.Venkateswara Rao	Professor of Water Resources and Immediate Former Director, IST.	Special Invitee
18.	Dr.A.Jaya Shree	Professor of Chemistry, IST	Special Invitee
19.	Dr.T.Vijaya Lakshmi	Associate Professor of Environmental Science & Technology & Coordinator TEQIP-III.	Special invitee
20.	Dr. G. Krishna Mohan	Professor of Pharmacy, and Director, IST, JNTUH	Member Secretary

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4.	Annexure – III	<ul style="list-style-type: none"> ❖ 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.
5.	Annexure-IV	❖ List of Activities taken up by the faculty members of IST during Lockdown period.
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JNTUH INSTITUTE OF SCIENCE AND TECHNOLOGY (Autonomous)**Kukatpally, Hyderabad-500085****TWENTY FOURTH MEETING OF BOARD OF GOVERNORS****Through Video Conference****On Saturday, June 06, 2020 at 11:00 AM****AGENDA**

Item No.	Description of Item
UNIT: I ACTION TAKEN REPORT	
01/24BoG_Jun-2020	Presentation and action taken report by the Director, IST,JNTUH after 23 rd BoG Meeting dated 25 th Jan.'2020.
UNIT-II: ITEMS FOR CONSIDERATION AND APPROVAL	
02/24 BoG_Jun-2020	To confirm the Minutes of the 23 rd BoG meeting held on 25 th January, 2020.
03/24 BoG_Jun-2020	To consider and approve Expenditure incurred since 23 rd BoG to 1 st June 2020 in TEQIP-III.
04/24 BoG_Jun-2020	To consider and approve constitution of Technical committee to frame guidelines for conduct of Virtual Sessions / Webinars
05/24 BoG_Jun-2020	To Consider and approve conduct of Webinar / virtual master class on: <ul style="list-style-type: none"> - "Data Analytics in Geospatial Technology for Environmental Management". - Artificial Intelligence (AI) Studies in Water Resources Management
06/24 BoG_Jun-2020	To Consider and approve the expenditure towards Virtual Internships to the M.Tech Students
07/24 BoG_Jun-2020	To Consider and approve the expenditure towards registration fee for IGBC's Certification Course on "Green Built Environment"
08/24 BoG_Jun-2020	To Consider and approve additional seed grant for minor project under R&D to Dr.Shilpa Chakra, Asst.Professor, CNST.
09/24 BoG_Jun-2020	To Consider and approve the recommendations of the academic council of IST for the enhancement of the examination fee.
UNIT-III : ITEMS FOR RATIFICATION	
10/24 BoG_Jun-2020	Ratification of activity conducted by CNST under academic processes, One day Virtual Hackathon on "Viral Infections and Immune System-Pros and Cons"
11/24 BoG_Jun-2020	Ratification of approval to revise items under EMF of IOC.
12/24 BoG_Jun-2020	Ratification of the approval to Conduct Few Webinar Sessions Jointly with DEI and CII-GBC
13/24 BoG_Jun-2020	Ratification of Revised item under Minor Repairs and Maintenance.
14/24 BoG_Jun-2020	Ratification of International travel proposals submitted by : <ul style="list-style-type: none"> ➤ Dr.A.JayaShree, Professor, Centre for Chemical Technology, IST, JNTUH submitted to SPIU/NPIU under TEQIP-III. ➤ Dr.CH.Sasikala, Professor, Centre for Environment, IST,JNTUH submitted to SPIU/NPIU under TEQIP-III.
15/24 BoG_Jun-2020	Ratification of approval to revise the conduct of programs: <ul style="list-style-type: none"> ➤ Change of Date of the National Conference ➤ Change of Workshop to National Conference.
16/24 BoG_Jun-2020	Ratification of Procured Items from the balance amount of Procurement under TEQIP-III
UNIT-IV: ITEMS FOR INFORMATION	
17/24 BoG_Jun-2020	Information about the Status of : <ul style="list-style-type: none"> ➤ Mini R&D project work by: <ul style="list-style-type: none"> • Regular faculty members • Contract faculty members ➤ M.Tech project work by the students, supported under R&D component. ➤ Research Assistant Fellowship (RAF) to Ph.D Students.
18/24 BoG_Jun-2020	Information about Conferences/Workshops/Training Programs organized by IST
19/24 BoG_Jun-2020	Activities taken up by faculty members of IST during Lockdown period.
20/24 BoG_Jun-2020	Revised Performance benchmark indicators as suggested by NPIU for Information & suggestions by the members of the BoG.
21/24 BoG_Jun-2020	Any other item with the permission of the Chairperson.

UNIT: I ACTION TAKEN REPORT

01/24BoG_Jun-2020

Presentation and action taken report by the Director, IST, JNTUH after 23rd BoG Meeting dated 25-01-2020.

Registrar, JNTUH has appointed Dr.G.Krishna Mohan, Professor of Pharmacy, Centre for Pharmaceutical Sciences, IST JNTUH as Director of the Institute of Science and Technology, JNTUH.

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:

The status of the items placed for consideration and approval in the 23rd BoG meeting is presented item wise for information to the BoG members.

- **ITEM No: 03/23 BoG_Jan-20:**
 - ✓ Procurement of items/equipment: 100% of the procurement has been made under the head of Procurement including additional grant of Rs 35.00 lakhs. (total amount 385.00lakhs)
 - ✓ 10% of the PLA under academic process has been re-appropriated and adjusted under various heads of the academic process.
- **ITEM No: 04/23 BoG_Jan-20:** As per the direction of the Chairperson, BoG, Director IST has constituted a standing committee to review any MOU proposals submitted by the respective Centers of IST. The Standing Committee shall pre examine the draft copy of the MoU for onward submission to the members of the governing body of IST. The BoG shall recommend for further submission to the Registrar JNTUH for approval.
- MoU Standing Committee consists Director, Senior Faculty member, Faculty member in charge of the MoU and Coordinator TEQIP III.
- The MoU proposal submitted by Centre for Biotechnology with M/S Ahuja Engineering Services Pvt.Ltd.,is reviewed by the standing committee. Suggestions and corrections were incorporated and is placed before the members for consideration and approval.
- **ITEM No: 05/23 BoG_Jan-20:** Out of 11 Conferences/Workshops, only one workshop was organized. Due to COVID-19 pandemic and sudden lockdown, we could not organize the approved activities during March, April and May 2020. However, faculty members of IST, have taken up number of activities through online / virtual mode. List of activities organized and participated is placed for Information.
- **ITEM No: 06/23 BoG_Jan-20:** The BoG has not approved the fee towards the renewal of 3 patents and same was communicated to the respective faculty member.
- **ITEM No: 07/23 BoG_Jan-20:** As per the recommendations of the AICTE, MHRD-GOI and suggestions of the NPIU, IST has organized few programs like Matrubasha Divas on 25th February,2020, under Ek Bharat Shreshtha Bharat Programme under TEQIP-III.
- **ITEM No: 08/23 BoG_Jan-20:** Approval for re-appropriation of funds under academic processes of TEQIP-III was taken during the 23rd BoG meeting to utilize the allocated grant under academic processes. And also to meet 50 % of the expenditure under the same head.
- **ITEM No: 09/23 BoG_Jan-20:** The BoG has given approval to reimburse the tuition fee towards the diploma program requested by the Assistant Professor (c) under Qualification upgradation sub head. The Director, IST had processed the same upon submission of bills.
- **ITEM No: 10/23 BoG_Jan-20:** Budget for IST for the F.Y 2020-2021 has approved by BoG and further forwarded to the university.
- **ITEM No: 11/23 BoG_Jan-20:** The expenditure towards the Consumable/Field work/chemicals/ Glassware and other items by the TEQIP-III Ph.D Research Scholars under Research Assistantship was approved by the BoG members.

Procurement of Goods:

Total allocated budget of Rs.385 lakhs towards purchase of equipments, has been completed in the month of march, 2020.

❖ Academic Processes:

As per the NPIU, PIP, Number of activities under academic processes were listed for execution of the TEQIP III project:

- ✓ 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 January,2020 – May, 2020.List of all the events organized / participated is given in **Annexure-I**.

Conferences/Workshops /Training Programs Organized by Faculty from Jan, 2020- , May 2020:

- Conference - 01
- Workshops - 01
- Expert Lectures Delivered - 01
- Meetings - 01 Internal Quality Assurance Committee.
- Improve student learning - 01

Conferences/Workshops / Training Programs Attended by the Faculty and Students from Jan, 2020-May, 2020:

- Conference/Seminar - 07
- Workshops - 04
- Training Programs - 02
- MOOCs and Digital Learning Program - 09 (NPTEL/SWAYAM-Registration fee)

During 23rd BoG the budget for Academic Process under TEQIP-III is reallocated due to additional grant of Rs.28 lakhs towards academic activities, and till now we have incurred an amount of 2,21,30,518/-, under various heads as tabulated below:

S.No	Activity		Allocated Amount as per 23 rd BoG (in Rs.)	Spent Amount (in Rs.)
1.	Research and Development (R&D)	M.Tech students	8,00,000/-	5,86,418/-
		Mini Project, Patents and programs attended by Students & faculty	68,33,000/-	50,11,814/-
2.	Improve Student Learning		20,00,000/-	20,08,556/-
3.	Research Assistantships		66,17,000/-	43,45,297/-
4.	Faculty/Staff Development ,Motivation		75,00,000/-	59,53,896/-
5.	Reforms & Governance		20,00,000/-	14,17,448/-
6.	Mentoring & Twinning System		30,00,000/-	16,84,965/-
7.	Graduate Employability		6,00,000/-	3,04,095/-
8.	Industry-Institute-Interaction		6,00,000/-	3,85,156/-
9.	Management Capacity Development		5,00,000/-	4,18,156/-
10.	MOOCs and Digital Learning		3,50,000/-	14,717/-
11.	Hiring Consultancy Services		0/-	0/-
	TOTAL		3,08,00,000/-	2,21,30,518/-

❖ **Twinning Activities:**

Due to Covid 19-pandemic and lock down we were not able to conduct any activity under Twinning component. However, with the approval from the DEI Agra, we have initiated couple of virtual / online activities under this head.

Activities identified are: organizing webinars, facilitating Virtual Internships to the Students of Civil Engineering, DEI and conducting few virtual workshops.

Theme identified are :

- ✓ Research & Innovation
- ✓ Self Motivation
- ✓ Environment & Sustainability Management
- ✓ Six Thinking Hats: Decision making skills

Under twinning, Four collaborative projects are in progress and are listed below.

S.No	Project Title	JNTUHIST	DEI
1.	Printing of 3D parts/objects using nanocomposite materials with ultra high properties	Dr.CH.Shilpa Chakra	Sh. I.Singhal Dr. A.Sahai Dr. R.S.Sharma
2.	The Potential of microbial processes for Lingo cellulosic Biomass Conversion to Bio ethanol and Methane	Dr.L.Saida	Dr.Radhika Singh
3.	BioAerosol and Health	Dr.Ch.Sasikala	Dr.Ashok Yadav Dr. Ranjit Kumar
4.	LPG Gas sensing Hybrid Nano structures (Graphene/Oxide/Nanomaterial/Bacterial Protein)	Dr.K.Venkateswara Rao	Dr.RahulSwarup Sharma

❖ **Incremental Operating Cost:**

- Under this, Second phase of Internal Auditing and statutory audit is yet to be conducted for the financial year F.Y 2019-2020.
- Under the head of IOC, we have executed minor repairs and maintenance of laboratory equipment and few environmental management / sanitization works.

UNIT-II: ITEMS FOR CONSIDERATION AND APPROVAL

02/24 BoG_Jun-2020	To confirm the Minutes of the 23rd BoG meeting held on 25th January, 2020.
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The minutes of the 23rd BoG meeting was circulated to all the members through e-mail dated 01st February, 2020 for suggestions and approval and the suggestions made by the members were incorporated. The approved minutes of the 23rd BoG are posted in the Institute website www.jntuhist.ac.in. The copy of the minutes is enclosed as **Annexure-II**.

The BoG may confirm the same.

03/24 BoG_Jun-2020 To consider and approve Expenditure incurred since 23rd BoG to 1st June 2020 in TEQIP-III.

The head wise expenditure incurred since 23rd BoG 2020 to till date is **Rs. 67,84,650/-** only. The expenditure since inception of the TEQIP III project, and percentage against each head is tabulated.

S.No	Name of the item	Expenditure since 23 rd BoG (in Rupees)	Total expenditure since inception (in Rupees)	Percentage of total Expenditure on Life Time Allocation
1	Procurement of Goods	5,67,535	3,85,00,708	100%
2	Academic Processes	50,94,175	2,21,30,518	71.85%
3	Operating Cost	11,22,940	52,15,475	74.50%
Total		67,84,650	6,58,46,701	85.52%

The BoG may consider and approve the same.

04/24BoG_Jun-2020 To consider and approve constitution of Technical committee to frame guidelines for conduct of Virtual Sessions / Webinars

In-view of the pandemic Covid-19 and post Covid scenario, the uncertainty in class room teaching may extend till September / October 2020. IST is proposing to extend teaching learning through online by conducting webinars, virtual master class sessions with industry partners and organize few virtual master class sessions, under Faculty Staff Development and Student's improved learning. Being virtually in touch with our stakeholders has become inevitable.

To extend and execute all these activities we require a secured professional WebEx platform with good band width, number of log-ins and duration. It is proposed to constitute a technical committee to study all the possibilities, evaluate and recommend suitable service provider.

The technical committee may consist experts from IT /ITES and industry personnel, along with internal BoG members. Director, IST will be acting as member secretary.

The BoG may consider and approve the same.

05/24BoG_Jun-2020 To Consider and approve conduct of Webinars on :

- "Data Analytics in Geospatial Technology for Environmental Management".
- Virtual Master Class session on Artificial Intelligence (AI) Studies in Water Resources Management

Under the head of improved student learning NPIU has suggested TEQIP III institutions to train the faculty and students on future skills like Artificial Intelligence, Data Analytics, Machine Learning, Cyber Security and others. This activity is also listed as one of the performance benchmarking indicator by NPIU.

- Dr.M.Anji Reddy, Professor of Env.' Science and Technology, CEN IST has proposed to conduct a virtual training session on "**Data Analytics in Geospatial Technology for Environmental Management**".
- Dr.T.Vijaya Lakshmi, Asso.Professor of Env.' Science and Technology, CEN, IST has proposed to conduct a virtual master class sessions on Artificial Intelligence (AI) Studies in Water Resource Management. Experts will be drawn from industry and NHP.

The expenditure towards organizing the above events include charges for hosting on server / WebEx platform and honorarium to experts.

The BoG may consider and approve the same.

06/24BoG_Jun-2020	To Consider and approve the expenditure towards Virtual Internships to the M.Tech Students
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In view of the Covid 19-pandemic, internships by the students at various industries and organizations may not be possible for the A.Y 2019-2020. Confederation of Indian Industries (CII) and Engineering staff College of India (ESCI) are willing to extend virtual internship to the students with a service charge of Rs 6000/- to 8000 /- per student. There will be a selection process and selected student will be attached to a mentor from industry.. Selection criteria and individual student's involvement will be considered. Depending up on the availability and allocation of funds under this head by NPIU, we would like to extend this to the students. This expenditure towards the same may be met form the TEQIP III funds.

The BoG may consider and approve the same

07/24BoG_Jun-2020	To Consider and approve the expenditure towards registration fee for IGBC's Certification Course on "Green Built Environment"
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Under the head of Improved student learning, NPIU has approved to meet the expenditure towards training of the students at IIT's, national laboratories, NABET approved labs and other institutes. In the present scenario, we may not be able to send the students for training and workshops. Few students of Centre for Environment IST are willing to take up IGBC's Certification Course on Green Built Environment, offered by CII-IGBC. The student will be receiving the certificate as "IGBC Certified Green Young Professional" and it will certainly enhance placement in industry. The course is for 10 days duration with 25 hours of instruction. The registration fee is Rs7500/- per student. CII-IGBC has expressed to give concessional price exclusively to IST Students under the CII-GBC, IST and DEI tripartite agreement. This expenditure towards the same may be met form the TEQIP III funds.

The BoG may consider and approve the same.

08/24BoG_Jun-2020	To Consider and approve additional seed grant for minor project under R&D to Dr.Shilpa Chakra, Asst.Professor, CNST.
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In the 22nd BoG, approval was given for an additional grant of Rs 2.00 lakhs as seed money to carry out mini R&D project to individual faculty members of IST. Dr.Shilpa Chakra Asst Professor, CNST has received an amount of Rs 2.00 lakhs towards the same to carry out a R&D project titled Printing of 3D parts/objects using nanocomposite materials with ultra-high properties. Dr.Shilpa Chakra has extensively worked in development of 3 d printed Face Shields during lockdown period and distributed to Front line healthcare workers and police personnel. This was appreciated by the SPFU and NPIU officials.

Presently, to run the project, she is requesting an additional amount of Rs 1,00,000.00 from TEQIP III R&D funds. The allocation of funds under the R&D head will be reviewed and checked with the NPIU. Unspent amount if any under the same head may be allowed to reallocate to Dr.Shilpa Chakra. BoG may consider approve the same subject to the availability of funds.

The BoG may consider and approve the same

09/24BoG_Jun-2020	To Consider and approve the recommendations of the academic council of IST for the revision of the examination fee.
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The expenditure towards conduct of examinations at IST has increased. Officer in charge, Examinations has requested Academic Council, IST for consideration of the revision of the examination fee. Academic Council recommendations are placed for approval by the members of the BoG.

- Condonation fee : Rs 500/- per subject
- Supplementary examination fee : Rs 1000/- per subject
: Rs 2000/- for 2 subjects or more than two subjects.

The BoG may consider and approve the same

UNIT-III : ITEMS FOR RATIFICATION

10/24 BoG_Jun-2020	Ratification of activity conducted by CNST under academic processes, One day Virtual Hackathon on “Viral Infections and Immune System-Pros and Cons”
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Centre for Nano Science and Technology IST, JNTUH has organized a virtual two day Hackathon on –“Viral Infections and Immune System-Pros and Cons” during 4-5 June, 2020 for the benefit of students and Research Scholars. The expenditure incurred in organizing the event was only towards hosting of WebEx for 24 hours. An amount of Rs 1500/- was incurred by the program coordinator. This may be ratified by the members of the BoG.

The action taken by the Director may be ratified by the BoG.

11/24BoG_Jun-2020	Ratification of approval to revise items under EMF of IOC.
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In the 22nd BoG, approval was given for few items under Environmental Management Frame Work (EMF) subcomponent of IOC to the tune of Rs 11.00lakhs as the estimated expenditure. The approved items under this head are LED's, Santization equipment, solid waste disposal bins, energy saving devices and fire extinguishers. We have identified the service provider and had called for quotations too.

Due to pandemic COVID-19 lockdown and funds curtailment by the NPIU we could not execute this. So we requested BoG Chairman permission through email for the revised items under this head for automatic sanitizer dispensers (750ml / 5lit capacity) and soap dispenser in common areas, washrooms and Head of the centre with liquid sanitizer. The estimated expenditure will be approximately Rs 2.30 lakhs, which will be met from the head of IOC of TEQIP III grants.

Chairman BoG in principle has approved the same in email dated: 30/05/2020. This is presented to the members for ratification.

The action taken by the Director may be ratified by the BoG.

12/24BoG_Jun-2020	Ratification of the approval to Conduct Few Webinar Sessions Jointly with DEI and CII-GBC
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Chairperson, BoG in principle gave approval to conduct few webinars jointly with CII and DEI, Agra through mail dated 15/05/2020. For the conduct of webinars, CII have quoted an amount of Rs 25000/- per webinar towards hosting of server, sharing of WebEx platform, and resource persons for the webinar. Initially three webinars are planned on the themes:

- Research & Innovation
- Self Motivation
- Environment & Sustainability Management and
- Six Thinking Hats: Decision making skills as a complimentary session.

The amount will be met from the head of FSD and student support activities, under TEQIP III grants. This is presented to the members for ratification.

The action taken by the Director may be ratified by the BoG.

13/24BoG_Jun-2020	Ratification of Revised item under Minor Repairs and Maintenance.
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- In the 22nd BoG minutes , approvals have been accorded to various repairs and maintenance works for each of the centre with a budget allocation of Rs. 2,00,000 under IOC head of TEQIP-III funds. One of the item submitted and approved in the Centre for Water Resources was "bore well flushing and installing texmo submersible 2HP motor". The above work/ item was costing only Rs.1,43,000. With the balance amount, Head, CWR proposed to repair the 10KVA online UPS which was purchased during TEQIP-II funds. Chairperson BoG in principle has approved the same through email dated: 17/03/2020. This is presented to the members for ratification.
- In the 22nd BoG minutes, an approval was given for the repair of Solar simulator equipment under Repairs and Maintenance from IOC Head of TEQIP III. Head, CNST requested replacement of the above item with Muffle furnace & Hot air oven for smooth running of M.Tech program, laboratory work and research activities. Chairperson BoG in principle has approved the same in email dated: 05/02/2020. This is presented to the members for ratification

The action taken by the Director may be ratified by the BoG.

14/24BoG_Jun-2020	Ratification of International travel proposals submitted by : <ul style="list-style-type: none"> ➤ Dr.A. JayaShree, Professor, Centre for Chemical Technology, IST, JNTUH submitted to SPIU/NPIU under TEQIP-III. ➤ Dr.CH. Sasikala, Professor, Centre for Environment, IST, JNTUH submitted to SPIU/NPIU under TEQIP-III.
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- Dr.A.Jaya Shree, Professor of Centre for Chemical Technology, requested for funding to participate in the international conference as invited speaker on "**Frontiers and Chemistry and Drug Discovery**" at Rome ,Italy during September 14th -15th,2020 under international travel grants from TEQIP III project and to present the work on **Synthesis, Cytotoxic activity of novel tetracyclic acridone derivatives**". The amount requested towards international travel was Rs.1,81,468/- (towards Registration fee:Rs.51,606/- Total Air fare:Rs.77,550/-,Visa processing fee: Rs.6,000/-,Accommodation and other logistics arrangement :Rs.46,312/-) The international travel application has been reviewed by the internal scrutiny committee and in-principle approval was taken from the honorable chairman BoG by email dated:11/03/2020 and is presented to the BoG members for ratification.
- Dr.Ch.Sasikala, Professor of Centre for Environment, has been invited to deliver a invited talk on "**Novel L-tryptophan based melanin production by Rubrivivax benzoatilyticus JA2**" at South Dakota School of Mines and Technology, Rapid City, South Dakota, USA during June 03rd -05th,2020. The amount requested towards international travel is Rs.3,44,677/- (towards Registration fee:Rs.87,600/-Total Air fare:Rs.~1,47,077/-,Visa processing fee:Rs.0.00/-,Accommodation and other logistics arrangement:Rs.1,10,000/-) The international travel application has been reviewed by the internal scrutiny committee and in-principle approval was taken from the honorable chairman BoG by email dated:11/03/2020 and is presented to the BoG members for ratification.

The action taken by the Director may be ratified by the BoG.

15/24 BoG_Jun-2020	Ratification of approval to revise the conduct of programs: <ul style="list-style-type: none"> ➤ Change of Date of the National Conference ➤ Change of Workshop to National Conference.
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- Dr.A.Jaya Shree, Professor of Chemical Technology had taken approval in 15th BoG for conduct of National conference on "Nature Inspired Chemistry & Engineering (NICE-2018)" during April 27-28, 2018 and the conference was not held during the said period. Prof.A.Jaya shree has requested for change of dates for the same event (NICE2020) and propose to organize during August 19-21, 2020 with the approved budget of TEQIP-III. Chairperson BoG in principle has approved the same in email dated: 05/02/2020. This is presented to the members for ratification.
- In the 23rd BoG an approval is accorded to Prof.Ch.Sasikala, Professor of Environment to conduct "UN workshop on Biodiversity" during April, 2020. But she has requested to change the same workshop as National Conference, and within the approved budget of TEQIP-III. Chairperson BoG in principle has approved the same in email dated: 05/02/2020. This is presented to the members for ratification.

The action taken by the Director may be ratified by the BoG.

16/24BoG_Jun-2020	Ratification of Procured Items from the balance amount of Procurement under TEQIP-III
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➤ It has been found from TEQIP-III office accounts, an amount of Rs.67,000/- is left un-utilized under the Procurement Head , after completion of all the payments under procurement head. As the amount is available, the Director had proposed to be procure few items for the TEQIP-III Office and other infrastructure for MOOC's in the form of DTH boxes. Chairperson BoG in principle has approved the same in email dated: 05/02/2020. This is presented to the members for ratification.

S.No	Item Name	Quantity	Unit Price (Rs.)	Estimated Price (Rs.)
1	Printer	1	28,000	28,000
2	Almirah	2	12,000	24,000
3	DTH Box for MOOC's	3	5,000	15,000
Total				67,000

The action taken by the Director may be ratified by the BoG.

UNIT-IV: ITEMS FOR INFORMATION

17/24BoG_Jun-2020	Information about the Status of : <ul style="list-style-type: none"> ➤ Mini R&D project work by: <ul style="list-style-type: none"> • Regular faculty members • Contract faculty members ➤ M.Tech project work by the students, supported under R&D component. ➤ Research Assistant Fellowship (RAF) to Ph.D Students.
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- Status of the sanctioned Mini project works of the Regular faculty members: In the 17th BoG, 2 lakhs was approved for carry out R&D projects by regular faculty members. Out of 17 faculty projects sanctioned by TEQIP-III,8 faculty members have completed research projects for Rs.2,00,000/- and 9 projects are ongoing.
- The 21st BoG has approved seed grant to contract faculty and internal faculty as one of the Co-PI. The list of projects initiated by contract faculty along with the Co-PI is given for information.
- Status of M.Tech project works by the students from last BoG to till date supported under R&D component is given for information.
- Status of Research Assistant Fellowship (RAF) to Ph.D Students is given for information.
- All the above details are listed in **Annexure-III**.

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

18/24BoG_Jun-2020	Information about Conferences/Workshops/Training Programs organized by IST
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The Faculty members of IST have organized few Conferences/Workshops/ Training programmes under Faculty/Staff Development (FSD) and student support activities. . The Details are shown in **Annexure-I**

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

19/24 BoG_Jun-2020

Activities taken up by faculty members of IST during Lockdown period.

Faculty members of IST have conducted, organized and participated in number of activities under improved teaching and learning. The list of activities taken up by respective faculty members is presented in **Annexure IV**.

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

20/24 BoG_Jun-2020

Revised Performance benchmark indicators as suggested by NPIU for Information & suggestions by the members of the BoG.

NPIU has identified institutional performance benchmark indicators. Members of the BoG are requested to suggest few measures to meet and attain all the performance benchmark indicators. The list is presented in **Annexure V (a) and V (b)**. The status of IST is given below.

S. no	Category	Criteria	For subcomponent 1.3		
			Target* July 30,2020	Target* Sept 30, 2020	Status of IST
1	Financial	Actual Expenditure in academic activities out of PLA(academic head of expenditure)	80%	90%	71.85%
2	DLIs Status (till June 2020)	1. NBA Accredited/ applied for UG programs - 50% 2. Training completed for more than 70% final year students for exit exams 3. BoG meetings (July 2019-June 2020): 4 4. Autonomy (UGC/as per PIP)	Not Applicable	Not Applicable	Not Applicable
3	Academic	Eligible UG programs accredited or applied for	70%	80%	Not Applicable
4		Eligible PG programs accredited or applied for	40%	50%	Target Achieved
5		Availability of online student feedback system related to faculty in the current semester with few questions on remedial classes & use of MOOCs (feedback of at least 80% faculty available)	Yes (to be checked from URL link shared)	Yes (repeat) (to be checked from URL link shared)	Target Achieved
6		No. of subjects where remedial classes conducted (Proof for 2019-20 and July – September 20)	Min. 10 subjects all branches together	Min. 2 subjects all branches together	Target Achieved
7		Training on IT-ITes Skills	Number of faculty trained at IITs : 5	Number of students trained at institute: 100	Meeting partially and need suggestions
8	R & D	R & D: 1. AT least one Collaborative research project procurement completed and experimentation work started 2. At least one group of students participated in SI Hackathon OR e-yantra (IIT Bombay) 3. At least 1 patent filed by faculty/ students during Apr 20 –Sept 20	First 2	All 3	Target Achieved
9	ICT	Institute has 1. Two setup boxes of SWAYAM Prabha, 2. access to digital contents through e-shodhsindhu/ shodhganga/ NDL/ e-PG Pathshala	Any 5	All 6	As on date, IST is meeting four targets out of six.

		3.use of at least one open source software (FOSSEE) 4.Use of at least one Virtual Lab in regular curriculum 5.30 % Faculty of institute registered on Vidwan 6.40% Faculty certified for atleast one MOOCS/ SWAYAM/ NPTEL course			(i, ii, iii, v). Target (iv) and (v)i needs improvement and suggestion.
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Submitted for Information to the honorable members of the Governing body with a request for suggestions for improved performance.

21/24 BoG_Jun-2020	Any other item with the permission of the Chairperson.
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