



**MINUTES 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**



JNTUH INSTITUTE OF SCIENCE AND TECHNOLOGY (Autonomous)
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	Members Present	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.M. Madhavi Latha	Director, Academic & Planning, JNTUH	Member
11.	Dr.V.Soamidas	Dean, Dayalbagh Educational Institution, Agra.	Member
12.	Dr.Bh. Nagabhusan Rao	Mentor, IST-TEQIP-III	Special Invitee
13.	Sri B.Sreenivas	Nodal Officer, TEQIP-SPIU, Department of Technical Education, Hyderabad.	Special Invitee
14.	Dr.B.Venkateswara Rao	Professor of Water Resources and Immediate Former Director, IST.	Special Invitee
15.	Dr.A.Jaya Shree	Professor of Chemistry, IST	Special Invitee
16.	Dr.T.Vijaya Lakshmi	Associate Professor of Environmental Science & Technology & Coordinator TEQIP-III.	Special invitee
17.	Dr. G. Krishna Mohan	Professor of Pharmacy, and Director, IST, JNTUH	Member Secretary



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: – “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 : ➤ 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: ➤ 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 : ➤ Mini R&D project work by: • 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.



MINUTES OF THE 24th BOG MEETING

The 24th BoG meeting of IST, JNTUH was convened through Video Conference mode at 11:00 am, on Saturday 06th June, 2020.

In the opening remarks, Hon'ble Chairperson, had conveyed greetings to all the members of the governing body. Chairperson appreciated the administrative efforts, services extended and all the good governance practices executed by the former Director Prof B.Venkateswara Rao during his tenure. BoG unanimously has placed on record of the services rendered by Prof.B.Venkateswara Rao. Chairperson had conveyed best wishes to the present Director Prof.G.Krishna Mohan. It was brought to the notice of all the members about the appointment of Prof.M.Madhavi Latha as Director, Academic and Planning, JNTUH and as Ex officio she will be the governing member of the IST.

Prof. G. Krishna Mohan, 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. January 2020 to May 2020. Director had made a presentation on details about the activities taken up by the faculty members during lock down period in view of the Pandemic Covid-19. Members of the BoG were apprised by the Director about the conduct of the online teaching, online mentoring of the students by the faculty members. With the Chairperson's consent, agenda of the meeting was placed for consideration, discussion and for relevant ratifications in detail.

Prof.Bh.Nagabhushan Rao, Mentor IST suggested to work on the possibility of applying for patent of R&D works of Centre for Nano Science and Technology on Nano Silver Oxides in environmental sanitation and the 3D printed face shields developed by the same Centre. Further,Dr.Sivakumaran, Member BoG, has expressed his willingness to support in scaling up of research on nano particles.

Prof.Madhavi Latha, Director, Academic and Planning, JNTUH appreciated the efforts of Dr.Shilpa Chakra in printing of 3D face shields and had advised to share the same among the staff and faculty of JNTUH.

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 item is presented below.

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.
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Director, Institute of Science and Technology had made presentation to the honorable members about all the activities related to the institute in general and TEQIP-III activities in particular. The status of the approved items / activities during the 23rd BoG meeting was presented to all the members. Members opined that the conferences, training programs, and workshops accepted in principle may need to be organized over virtual platform / online mode for continuation of academic processes and teaching learning.

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



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 Governing body has confirmed the minutes of the 23rd BoG meeting held on 06th June, 2020. The copy of minutes of the meeting were posted on the IST website on 13th February, 2020.

03/24 BoG_Jun-2020	To consider and approve Expenditure incurred since 23rd BoG to 1st June 2020 in TEQIP-III.
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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 was placed before the BoG. The members of the BoG have raised concerns about the low spending of Academic processes (71.85%) as NPIU is considering 90% of utilization by Sept 2020, as one of the performance bench mark. Members of the BoG suggested Director IST to prepare an action plan for improving the same for attainment of the target by Sept 2020.

The BoG has approved the above expenditure and suggestions.

04/24BoG_Jun-2020	To consider and approve constitution of Technical committee to frame guidelines for conduct of Virtual Sessions / Webinars
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In-view of the pandemic Covid-19 and post Covid scenario, the uncertainty in class room teaching may extend till September / October 2020. Director IST has constituted a technical committee to review and frame the guidelines to conduct Virtual Sessions / Webinars through professional licensed web platforms. The technical committee with the internal BoG members and other experts is constituted.

The BoG approved constitution of a technical committee. The Director may initiate appropriate action in this regard.

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
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Two Webinar proposals submitted for approval are:

- 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.

The schedule of the webinar and estimated cost may be submitted to the members of the BoG by circulation.

The BoG in principle has approved the same.



06/24BoG_Jun-2020	To Consider and approve the expenditure towards Virtual Internships to the M.Tech Students
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Director, IST has requested for approval to meet the expenditure towards student's virtual internship fee under the head of academic processes of TEQIP III project subject to the availability of funds and fund allocation by NPIU.

The BoG has approved 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 Rs.7500/- per student.

The BoG has approved 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 3D 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/- from TEQIP III R&D funds.

The members of the Governing body advised Director, IST to submit the statement of expenditure incurred under R&D head i.e amount utilized and available balance under the same. Chairperson suggested the expenditure details of each faculty member for the funds allocated to them under R & D head. If any amount is left unspent under the head and is not required by them, the amount may be shifted to the faculty members who require additional funds for their research projects.

Resolved to distribute unspent amount, if any, among the faculty members who need additional funding.

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 (existing fee Rs 200/-)
- Supplementary examination fee : Rs.1000/- per subject (existing fee Rs 500/- per Subject)
: Rs 2000/- for 2 subjects or more than two subjects.

The members of the BoG have suggested to consider the examination fee structure among the constituent units of JNTUH.

The BoG has approved 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.

The BoG has ratified the same.

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 11.00 lakhs 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. Hence we requested permission from BoG Chairman through email for the revised items under this head for automatic sanitizer dispensers (750ml / 5lit capacity) and soap dispenser in common areas, washrooms and at the 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.

The BoG has ratified the above item

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. The amount will be met from the head of FSD and student support activities, under TEQIP III grants. Members of the BoG appreciated the webinar on New Opportunities in Space sector organized on the occasion of World Environment Day, 5 June 2020.

The BoG has ratified the above item

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 items submitted and approved in the Centre for Water Resources was "bore well flushing and installing texmo submersible 2HP motor". The above work/ item costs 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 to Head,CNST 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.

The BoG has ratified the same.



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.

The BoG has ratified the same

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.

The BoG has ratified the same

16/24BoG_Jun-2020	Ratification of Items Procured from the balance amount of Procurement under of TEQIP-III
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It has been found from TEQIP-III office accounts that 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 procure following 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.



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 BoG has ratified the same.

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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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 was presented for information to the members of the governing body.

Submitted for information

18/24BoG_Jun-2020	Information about the Conferences/Workshops/Training Programs organized by IST
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The Faculty members of IST have Organized Conferences/Workshops/ Training programme under Faculty/Staff Development (FSD).The members of the BoG and chairperson noted the number of events and the outcome of the conference/ workshop organized by the faculty members of the IST during January- June,2020.

Submitted for information

19/24 BoG_Jun-2020	Information about the Activities taken up by faculty members of IST during Lockdown period.
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Faculty members of IST have conducted and participated in number of activities under improved teaching and learning and FSD activities.

Submitted for information

20/24 BoG_Jun-2020	Revised Performance benchmark indicators as suggested by NPIU for Information & suggestions by the members of the BoG.
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NPIU has identified institutional performance benchmark indicators. Members of the BoG suggested few measures for attainment of performance benchmark indicators.

Dr.Bh. Nagabhushan Rao, Mentor has advised to increase the activities under the industry institute



interaction, R&D and MOOC's heads. He has suggested to organize couple of events under IT/ITES with experts from IIT, NIT and national premier institutes so as to reach the target of 90% expenditure under academic processes.

Dr. Rakeshwar Bandichhor, Member BOG suggested to rope-in faculty members from abroad as resource persons to deliver expert talks through online platform and honorarium may be met from the TEQIP III grants.

Dr. Siva Kumaran, Member BoG advised to strengthen the audio video facilities of the institute for conduct of virtual meetings smoothly.

Submitted for Information to the honorable members.

21/24 BoG_Jun-2020	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.