

JNTUH INSTITUTE OF SCIENCE AND TECHNOLOGY (Autonomous)

Kukatpally, Hyderabad-500085

MINUTES OF THE 20TH BOG MEETING

Venue: Meeting Hall of the Director, Institute of Science and Technology, JNTUH, Hyderabad

On Saturday, May 4th, 2019 at 11:00 AM

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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 (DB)
3.	Dr. K. Yella Reddy	Dean, Faculty of Agriculture Engg., & Technology, ANGRAU, A.P	Member
4.	Dr. M. Anji Reddy	Professor of Environmental Science and Technology and Director R&D, JNTUH.	Member Manynedd
5.	Dr. G. Krishna Mohan	Professor of Pharmacy, CPS, IST, JNTUH	Member Gratar
6.	Dr. Sandeep Grover	Professor, Dept. of Mech. Engg, YMCA University of Science & Tech, Faridabad.	Member .
7.	Dr.Bh. Nagabhushan Rao	Mentor, IST-TEQIP III	Special Invitee
8.	Dr.A.Jaya Shree	Prof of Chemistry , CCST, IST	Special Invitee
9.	Dr.T.Vijaya Lakshmi	Asst Prof of EST, CEN IST	Coordinator TEQIP-III
10.	Dr.B.Venkateswara Rao	Director, IST, JNTUH	Member Secretary



Agenda

Item No.	Description of Item					
UNIT: I ACTION TAKEN REPORT						
01/20 BoG _May -19	Presentation and action taken report by the Director, IST, JNTUH after 19 BoG Meeting dated 05- 01-2019					
UNIT-II: ITEMS FOR CONSIDERATION AND APPROVAL						
02/20 BoG _May -19	To confirm the Minutes of the 19thBoG meeting held on 05th January 2019.					
03/20 BoG _May -19	To consider and approve Expenditure incurred since 19th BoG to till date in TEQIP-III.					
04/20 BoG _May -19	To consider and approve the enhancement of project grant for the existing R & D projects and sanction of new projects to JNTUH IST faculty					
05/20 BoG _May -19	To consider and approve proposals to organize National and International conferences /workshops.					
06/20 BoG _May -19	To consider and approve the expenditure towards qualification upgradation of technical support staff during TEQIP-III Project period.					
07/20 BoG _May -19	To consider and approve the Research Assistantship enhancement from Rs.18000/- to Rs.25000/					
	To consider and approve the JNTUH IST faculty applications for financial support towards International Travel.					
08/20 BoG _May -19	8.1 Dr.Ch. Sasikala, Professor, Centre for Environment, under Academic Process, TEQIP-III					
	8.2 Dr. K. Venkateswara Rao Professor, Centre for Nanotechnology, under Academic Process, TEQIP-III.					
	8.3 Dr.M.Anji Reddy, Professor, Centre for Environment, under Academic Process, TEQIP-III					
09/20 BoG _May -19	To consider and approve activities under Enhancing student learning-GATE/Employability Skills					
10/20 BoG _May -19	conducted by agencies other than NPIU empaneled agencies.					
10/20 BOG _IVIAY -19	To consider and approve the proposal of :					
	10.1 Establishing Advanced Geospatial Technology Lab Facility, sponsored by Industry Partner					
10.2 MoU with CSIR NEERI with Centre for Environment, IST, JNTUH. UNIT-III: ITEMS FOR RATIFICATION						
11/20 BoG _ May-19						
	Ratification of the International travel proposal of Dr. A.Jaya Shree, Professor, Centre for Chemical Technology under Academic Process, TEQIP-III.					
12/20 BoG _ May -19	Ratification of the programs organized by the IST faculty.					
13/20 BoG _May -19	Ratification for Organizing First Industry Consultation Committee (ICC) meeting Expenditure					
14/20 BoG _May -19	Ratification for the expenditure to conduct Board of Studies (BoS) meeting					
	UNIT-IV: ITEMS FOR INFORMATION					
15/20 BoG _ May -19	Brief report on the Mentoring conducted during 15-16 April 2019					
16/20 BoG _ May -19	DG _ May -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.					
17/20 BoG _ May -19	Information about the Organized Conferences/Workshops/Training Programs					
18/20 BoG _ May -19	Information about the Digital classrooms (interactive teaching device/s with appropriate learning resources)					
19/20 BoG _ May -19	Information about the Change in MIS-Coordinator					
20/20 BoG _ May -19	Any other item with the permission of the Chairperson					

MINUTES OF THE 20TH BOG MEETING

The 20thBoG meeting was convened in the Meeting Hall of the Director, Institute of Science and Technology, JNTUH, Hyderabad at 11 a.m, on Saturday May 4th, 2019.

The meeting of the Board of Governors was chaired by Prof. P.Jaya Prakash Rao, Hon'ble Chairperson, BoG. Chairman BoG welcomed all the BoG members to the 20thBoG 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.Venkateswar 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 to the honourable members of the BoG, since last meeting i.e January to April 2019. Details of 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, appreciated the overall performance of the IST and TEQIP III project activities and congratulated IST for the NBA accreditation of the programs offered by IST, JNTUH. He suggested to make the best use of mentoring activity and advised that faculty members must participate in the mentoring session.

Prof.Nagabhushana Rao, Mentor IST, suggested for inclusion of domain knowledge industry internships / visits as part of the model curriculum. From his first mentoring visit to the second visit, he felt that some of the suggested actions to institute has been accomplished such as Industry Consultation Committee. However he felt that Attracting good students to the IST is a challenge basically due to visibility of the institute is not felt in the public.

The mentor suggested to discuss with the University authorities for addressing the issue of delay in admission procedures. Faculty members need to be encouraged to take up MOOC's, SWAYAM courses. Techno science Incubation Park may be initiated in IST, JNTUH. For proper budget utilization, AMC contract of the major equipment's may be initiated under the component of IOC budget.

Chairperson wanted steps to be taken for improving the intake of good and committed students into the post graduate programmes of IST. In this regard, he wanted the website of IST to be redesigned to have more information on various activities of IST and attract students committed for research to join the programmes.

In support, Dr. Rakeshwar Bandichor suggested for highlighting of the strengths of the IST faculty, research competence and association with industry members in the website. A proper branding is needed to be made of the IST in the JNTUH portal. He felt that contribution of the members of ICC need to be deliberated with.

Action taken report was presented to the Hon.'ble members, by the Director, IST. During his presentation, has highlighted about the Performance Bench marking criteria of NPIU and informed to the members that IST is



doing well and meeting the four performance bench marking criteria under sub-component 1.1/1.2/1.3. The Director conveyed that the IST has met the criteria under Twinning, MIS (Management Information System and expenditure on procurement. Action on EAP (Equity Action Plan) will be initiated very soon.

Out of the total allocated budget of Rs. 350 lakhs, an amount of Rs. 2,89,38,497/- has been incurred towards procurement of goods / items under the head of Procurement, i.e. approximately 85 %, of the expenditure under this head against the NPIU's suggestive figure of 70%. Out of the 40% allocated budget for academic processes, IST had spent approximately 35% towards various activities and this needs an improvement.

After a thorough discussions and exchange of opinions, constructive remarks, the detailed agenda was presented to the BoG, for consideration and approval, for ratification and for information by the Director IST. The minutes of the meeting as per the agenda and items are given below:

Item No.		Description of Item			
	UNIT: I	ACTION TAKEN REPORT			
01/20 BoG _May -19	Presentation and action taken report by the Director, IST, JNTUH after 19 th BoG Meeting dated 05- 01-2019				
	The Director, IST summarized	the activities and action taken after the 19 th BoG meeting.			
	Action taken report is as follo	ows:			
	Procurement of Goods	<u>.</u>			
	Out of the total allocated b	oudget of Rs. 350 lakhs, an amount of Rs. 2,89,38,497/- has			
	been incurred towards prod	curement of goods / items under the head of Procurement.			
	The expenditure in pipeline	is Rs. 51,12,813/ Balance amount is Rs.9,48,690/- which will			
	be incurred towards civil wo				
	❖ Academic Processes:				
	organized & participated in during January -April 2019. Annexure-I.	I staff and students of respective centers of the IST have number of activities with the support of TEQIP III project, List of all the events organized / participated is given in Training Programs Organized by Faculty from January-April			
	 Conferences 	: 02			
	Workshops	: 05			
	Training Programs	: 03			
	Expert Lectures Deliv	ered : 04			
	 Indusial Visits 	: 08			
	Conferences/Workshops / Training Programs Attended by Faculty and Students from				
	January-April 2019:				
	 Conferences 	: 06			
	 Workshops 	: 06			
	 Training Programs 	: 06			
	Patents	: Obtained – 03 Pending- 01			

During 17th BoG the budget for Academic Process under TEQIP-III is allocated an amount of Rs.2,70,80,000/- for various heads, and till now IST had incurred an amount of Rs. 77,26,320/-since beginning. From the 19th BoG to 20th BoG the spent amount is Rs.1,17,92,397/-

***** Twinning Activities:

- * One day workshop on Energy Storage, on 29th April 2019 was conducted at CEN, JNTUH in association with DEI.
- * Exchange Visit: M.Tech Nanotechnology Students had gone for one week hands on training and to carryout joint research project on Nanotechnology Based Rapid Prototyping at Dayalbagh Educational Institute (DEI), Agra during 15–20 April 2019.
- * Two day workshop on "3D Printer Technology and Its Fabrication" in association with mentee institute Dayalbagh Educational Institute (DEI) was organized by the Dr.Ch.Shilpa Chakra, Assistant Professor, CNST during 15-16 March 2019.
- ❖ Incremental Operating Cost: Under this, Internal Auditing was carried out for TEQIP-III project on 8th April 2019 for the years 2018-19 the internal audit report is without any objections, further Statutory Audit to be carried out shortly.

 This is submitted for the approval of BoG.

BoG Approved the action taken report by the Director, IST.

UNIT-II: ITEMS FOR CONSIDERATION AND APPROVAL							
02/20 BoG _ May-19	02/20 BoG _ May-19						
	Minutes of the 19 th BoG meeting held on 05 th January 2019, were placed for consideration and approval.						
	The Chairperson and members of the governing body approved the minutes of the BoG meeting held on 05 th January 2019 and is attached as in Annexure-II .						



03/20 BoG _May -19	To con	To consider and approve Expenditure incurred since 19th BoG to till date in TEQIP-III.					
	The head wise expenditure incurred since 19 th BoG 2018 was presented. presentation, the Director, IST, had mentioned about the expenditure incurred meeting.						
	SI. N	oName of the item	Expenditure since 19 th BoG (in Rupees)	Total expenditure since inception (in Rupees)	Percentage of total expenditure on Life Time		
	1	Procurement of Goods	79,08,795	2,89,38,497	82.68		
	2	Academic Processes	33,18,554	77,26,320	27.59		
	3	Operating Cost	5,65,048	24,19,773	34.55		
	Tota	l	1,17,92,397	3,90,84,590	55.83		
	The C	•	members of the g	overning body has a	approved the above		

04/20 BoG _May -19 T	To consider and approve the enhancement of project grant for the existing R & D
р	projects and sanction of new projects to JNTUH IST faculty .
T a (i (i (i	 a) Rs.2 Lakhs were allocated for the each faculty member to carry out mini research project as seed grant. It is to submit that few faculty members have requested for enhancement of the existing sanction grant of Rs 2 lakhs to 4 lakhs, as the case may be based on: * The approval of Departmental Research Committee (DRC) * Technical justification for the enhancement of the project * Upto date project status (submission of interim report) b) Few Faculty members have almost completed the existing project and now requesting to grant funds for taking up new project. The maximum amount that may be considered is Rs.2 Lakhs. The BoG approve the same and instructed the DRC to thoroughly look into the following criteria and recommend the same.

05/20 BoG _May -19 To consider and approve proposals to organize National and International conferences /workshops.

Faculty members of IST have proposed to organize few national and international conferences and workshops, unde FSD and industry institute interaction. The programs will be organized as per the BoG guidelines. The details of the proposed events are listed below.

S.No	Topic/Theme	Programme	Proposed Dates	Faculty Coordinator	No. of Particip ants	Proposed budget	Funding from other sources
1.	To organize 5 day Workshop on Health and Safety	Workshop	September	Dr.V.HimaBindu Professor, CEN	100	1,50,000/-	NIL
2.	To organize one day workshop on Intellectual Property Rights (IPR) at DEI, Agra	Workshop	July 2019	Dr.Ch.Sasikala Professor, CEN	50	1,00,000/-	NIL
3.	_	Workshop under Twinning	29th July to 3rd August 2019	Dr.M.Anji Reddy	100	2,00,000/-	NIL

It is advised to involve industry partners, registrations and Co-sponsorship for organizing the programs, in addition to the TEQIP III sponsorship.

The Chairperson and members of the governing body approved the proposed programs.

06/20 BoG _May -19	To consider and approve the expenditure towards qualification upgradation of technical support staff during TEQIP-III Project period.
	In the PIP, under faculty staff training, expenditure towards Qualification upgradation of technical support staff is permissible only during the TEQIP III project period. O Fees charged for course work, registration fee: 50% of the fee or up to maximum of Rs. 15,000/-
	○ Consumables: Upto Rs.30,000/- for Ph.D
	○ Thesis Printing including Publications :Upto Rs. 10,000/- for Ph.D
	And extending Research facilities of the institute.
	In principle, BoG approved and the details of the technical staff and their requests be placed for approval.
	Details of Technical support staff is as follows:



S.n o	Department	Name of the Staff	Name of the Guide	Qualifica tion	Presently working as	Upgradation for M.Tech/Ph.D	Financial support requested by the staff towards:	Permissible limits Given as per 20 th BoG meeting
1.	Centre for Water Resources	T.Pavani (H.T.No: 17032D3172)		M.Sc in Nano technolo gy	Technical Support Staff (Lab Technicia n) since 2014	For Pursuing M.Tech in Environmental management Programme(20 17-2020)at Centre for Environment.	1)Tuition fee & Development fee: Rs.33,000/- (2 semesters) 2)Printing Thesis: Rs.5,000/- Total: Rs.38,000/-	Fees charged for coursework, Registration fee: 50% of the fee or Upto maximum of Rs.15,000/-per year.
2.	Centre for Environment	G.Shankaraiah (H.T.No: 1203PH1131)	Supervisor: Dr.S.Vidyavathi, Associate Professor, Centre for Spatial Information & Technology (CSIT) Co-Supervisor: Dr.V.Hima Bindu, Professor, Centre for Environment	M.Sc in Environ mental Science and Technolo gy	Technical Support Staff (Lab Technicia n) since 2011	For Pursuing P.hD in Environmental Science and Technology from (2012-till date)	1) Tuition fee & course fee: Rs.74,200/- 2)Printing Thesis: Rs.15,000/- Total: Rs.89,200/-	Consumables: Upto Rs.30,000/- for Ph.D Thesis Printing including Publications :Upto Rs.10,000/- for Ph.D. For M.Tech Rs 10,000 may be given during project work as approved in
3.	Centre for Spatial Information Technology	K.Maruthi Rao (H.T.No: 17518038)	Supervisor: Dr. T. Vijaya Lakshmi Assistant Professor, Centre for Environment	M.Sc & M.Tech	Technical Assistant since 2012	For Pursuing P.hD in Environmental Science and Technology from November- 2018	1)Registration Fee for1year: Rs.30,000/- 2)Research Methodology: Rs.5000/- 3)Coursework: Rs.10,000/- (5000/- per subject) Total: Rs.1,05,000/-	the 17 th BoG.

The Chairperson and members of the governing body approved the proposed programs.

07/20 BoG _May -19	To consider and approve the Research Assistantship enhancement from Rs.18000/- to Rs.25000/
	It is proposed to enhance the present Assistantship for the TEQIP-III Research Scholars from Rs.18000/- per month to Rs 25,000/- per month for the TEQIP III project duration, as per the national level scholarships for the JRF.
	The item was deferred by the members of the BoG, and advised to enquire with the sister institute namely JNTUHCEH in the campus and university agreed assistantship may be proposed.

	Inte	onsider and approve the JNTUH IST faculty applications for financial support towards rnational Travel.
08/20 BoG _May -19	8.1	Dr.Ch. Sasikala, Professor, Centre for Environment, under Academic Process, TEQIP-III
	8.2	Dr. K. Venkateswara Rao Professor, Centre for Nanotechnology, under Academic Process, TEQIP-III.
	8.3 Dr.M.Anji Reddy, Professor, Centre for Environment, under Aca	
	inte	Chairperson and members of the governing body approved the proposed rnational travel plans submitted by the faculty members and recommended for ard submission to SPIU, TS, for onward submission to NPIU.

09/20 BoG _May -19	To consider and approve activities under Enhancing student learning GATE / Employability Skills conducted by agencies other than NPIU empanelled agencies.
	It is proposed to conduct GATE coaching classes for appropriate subjects to the IST students (A.Y 2018-2019) by the agencies other than NPIU empanelled institutions as the empanelled institutions are not available within Hyderabad and nearby Cities. Expenditure towards remunerations and travel are as per NPIU guidelines. The Chairperson and members of the governing body has in principle approved subjected to the condition that it is acceptable to the NPIU.
	Hence, Director IST is advised to take approval from NPIU in this regard.

10/20 BoG _May -19	To consider and approve the proposal of ;.			
	10.1	Establishing Advanced Geospatial Technology Lab Facility, sponsored by Industry		
		Partner		
		M/S. Terra Drone India Pvt Ltd, expressed willingness to establish an advanced geospatial technology lab facility at Centre for Environment, IST JNTUH, by an initial investment of an amount of Rs 100.00 lakhs. This proposed lab facility will be for training the students on various geospatial technologies in general and on Drone- UAV technology, GNSS and DGPS Surveying technology in particular for environmental planning, development and management. The Chairperson and members of the governing body approved the same		



10.2	MoU with CSIR NEERI with Centre for Environment, IST, JNTUH.
	A mutually acceptable MoU proposal was initiated between CSIT NEERI and Centre for Environment, IST, JNTUH. The purpose of this Memorandum is to provide a framework by which both the parties may in future explore joint R&D activities, training of the students, and other academic collaborations of mutual interest. MoU is placed before the BoG members for approval.
	The Chairperson and members of the governing body approved the same and recommended for further approval from the University.

RATIFICATION ification of the International travel proposal of themical Technology under Academic Process action taken by the Director towards onward A. Jayashree towards, international travel programan through mail correspondence was submediately continued to the governing beginning of the governing beginning to the programs organized by the IST faculty members of IST have organized numbers.	ess, TEQIP-III. submission of the cosal to SPIU TS, we nitted for ratification ody ratified the sa	application of ith the approval of th on. me.		
action taken by the Director towards onward A. Jayashree towards, international travel properman through mail correspondence was submediately contained and members of the governing being the programs organized by the IST Faculty members of IST have organized numb	submission of the posal to SPIU TS, w nitted for ratification ody ratified the sal	ith the approval of thon. me.		
fication of the programs organized by the IST Faculty members of IST have organized numb	faculty			
	er of conferences ,	/		
grammes under TEQIP III. The details are listed Organized/ Conferences/Workshops/Training Prog	l below.	/ worksnops/ training		
One day workshop on "Present day Trends of Science and Technology"	Dr.CH.Shilpa Chakra, Assistant Professor,CNST	8 April 2019		
Workshop on Youth for climate change jointly with JNTUH NSS wing.	Dr.T.Vijaya Lakshmi Assistant Professor, CEN	22 -23March 2019		
Twinning System/Mentoring				
One day workshop on "Energy Storage" in association with mentee institute Dayalbagh Educational Institute (DEI), Agra	Dr.V.Hima Bindu Professor, CEN	29 April 2019		
	One day workshop on "Present day Trends of Science and Technology" Workshop on Youth for climate change jointly with JNTUH NSS wing. winning System/Mentoring One day workshop on "Energy Storage" in association with mentee institute Dayalbagh Educational Institute (DEI), Agra	One day workshop on "Present day Trends of Science and Technology" Workshop on Youth for climate change jointly with JNTUH NSS wing. Winning System/Mentoring One day workshop on "Energy Storage" in association with mentee institute Dr.T.Vijaya Lakshmi Assistant Professor, CEN Dr.V.Hima Bindu Professor, CEN		

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13/20 BoG May -19 Ratification for Organizing First Industry Consultation Committee (ICC) meeting

As per the AICTE mandate and mentor's advice, JNTUH IST has constituted program specific industry consultation committee (ICC) as per the NPIU guidelines.

The first ICC meeting was held on 16 March 2019 with the permission of the BoG chairperson (email correspondence dated 12th March 2019). The meeting has addressed, issues related to industry driven curriculum, suitable employability opportunities and to identify possible industry consultation by the IST faculty members.

The Chairperson and members of the governing body ratified the same.

14/20 BoG May -19 Ratification for the expenditure to conduct Board of Studies (BoS) meeting

The Institute of Science and Technology BoS meeting was held during 2nd and 3rd May 2019 to revise and frame curriculum as per the AICTE Model Curriculum for the coming academic year 2019-2020 onwards. The expenditure incurred in organizing the same $\,$ was submitted $\,$ for ratification.

The Chairperson and members of the governing body ratified the same.

UNIT-IV: ITEMS FOR INFORMATION

15/20 BoG _ May -19 Brief report on the Mentoring conducted during 15-16 April 2019

Prof.Bh. Nagabhushanarao, Retd. Professor, Anna University, Mentor, IST JNTUH has visited IST as part of the 2^{nd} Mentoring session during 15^{th} - 16^{th} and has interacted with students, faculty members and non teaching staff and internal BoG members. He had advised on various items to improve in the areas of research, academic performance and for establishing Techno Science Incubation park at IST.

The Chairperson and members of the governing body welcomed the recommendations of the Mentor.

16/20 BoG _ May -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.

Status of the sanctioned mini projects and student's project works under R&D component is listed and presented to the Members of the BoG.

The Chairperson and members of the governing body noted the progress and advised to maintain the self-explanatory log book for all the projects.

17/20 BoG May -19 Information about the Organized Conferences/Workshops/Training Programs.

The Members of the BoG and Chairperson, appreciated the conference and workshop organized by the faculty members of the IST during Jan- April 2019.

5th International Conference on "Hydrology and Watershed Management (ICHWAM-2019)" was Organized by Dr.C.Sarala, Professor of Water Resources, during 12 -15 February, 2019.



18/20 BoG _ May -19 Information about the Digital classrooms (interactive teaching device/s with appropriate learning resources) Director IST and Coordinator TEQIP III, JNTUH IST have attended 2 day International Conference on Digital Pedogogy organized by JSS College and AICTE and MHRD. During the deliberations, Secretary MHRD has announced establishing and facilitating digital classrooms at the best performing 100 institutes in the country and has asked to submit as per the proforma. JNTUH IST is fulfilling all the required criteria and may get shortlisted The Chairperson and members of the governing body appreciated the efforts taken by the Director IST, towards submission of data for the digital class rooms to MHRD. 19/20 BoG _ May -19 Information about the Change in MIS-Coordinator The Director IST, has appointed faculty member as MIS -Coordinator at Institute level under **TEQIP-III** Appointment of Dr.CH.Shilpa Chakra, Assistant Professor of Nanotechnology as MIS- Coordinator. The Chairperson and members of the governing body noted the change in MIS Coordinator. 20/20 BoG _ May -19 Any other item with the permission of the Chairperson No other item was placed for discussions. Meeting ended with a vote of thanks proposed by Dr.T.Vijaya Lakshmi, Asst. Professor of EST, Centre for Environment, and Coordinator, TEQIP III.