

**MINUTES OF 23rd MEETING OF BOARD OF GOVERNORS
JNTUH INSTITUTE OF SCIENCE AND TECHNOLOGY (Autonomous)
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**



Venue:

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

on

Saturday, January 25, 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

23rd Meeting of Board of Governors

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

Date: 25-01-2020

Time: 11:00 AM

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.	Sri. B. Gopala Krishna	Dy. Director(Retd),NRSC, Hyd.	Member
3.	Dr. M. Anji Reddy	Professor of Environmental Science and Technology and Director R&D, JNTUH.	Member
4.	Dr. K.Ramamohan Reddy	Professor of Water Resources, IST, OSD to VC and Director I/c Academic Audit Cell, JNTUH.	Member
5.	Dr. G. Krishna Mohan	Professor of Pharmacy, IST, JNTUH	Member
6.	Dr. B. N. Bhandari	Director, academic & Planning, JNTUH	Member
7.	A.Pullaiah	RJD, State Technical Board &SBTE-Nominee.	Member
8.	Dr.Bh. Nagabhushan Rao	Mentor, IST-TEQIP III	Special Invitee
9.	Dr.A.Jaya Shree	Prof of Chemistry, CCST, IST and Immediate Former Director, IST	Special Invitee
10.	B.Sreenivas	Nodal Officer, TEQIP-SPIU, Dept. of Technical Education, Hyderabad	Special Invitee
11.	Dr.T.Vijaya Lakshmi	Associate Professor of Environmental Science & Coordinator TEQIP-III.	Special invitee
12.	Dr.B.Venkateswara Rao	Director, IST, JNTUH	Member Secretary

JNTUH INSTITUTE OF SCIENCE AND TECHNOLOGY (Autonomous)
Kukatpally, Hyderabad-500085
TWENTY THIRD MEETING OF BOARD OF GOVERNORS
Venue: Meeting Hall of the Director, Institute of Science and Technology, JNTUH
On Saturday, January 25, 2020 at 11:00 AM

AGENDA

Item No.	Description of Item
UNIT: I ACTION TAKEN REPORT	
01/23 BoG_Jan-2020	Presentation and action taken report by the Director, IST, JNTUH after 22 nd BoG Meeting dated 26-10-2019.
UNIT-II: ITEMS FOR CONSIDERATION AND APPROVAL	
02/23 BoG_Jan-2020	To confirm the Minutes of the 22 nd BoG meeting held on 26 th October, 2019.
03/23 BoG_Jan-2020	To consider and approve Expenditure incurred since 22 nd BoG to till date in TEQIP-III.
04/23 BoG_Jan-2020	To Consider and approve proposed MoU between Centre for Biotechnology, IST, JNTUH with Ahuja Engineering Services Private Limited
05/23 BoG_Jan-2020	To consider and approve proposals to organize National and International conferences /workshops.
06/23 BoG_Jan-2020	To consider and approve fee towards Renewal of 3 patents to Indian Patent Office. 1)Patent no: 306342 ,2)Patent no: 302668,3)Patent no: 306335
07/23 BoG_Jan-2020	To Consider and approve conduct of Ek Bharat Shreshtha Bharat Programme under TEQIP III, recommended by AICTE, MHRD-GOI.
08/23 BoG_Jan-2020	To consider and approve Re-appropriation of funds under academic processes of TEQIP-III.
09/23 BoG_Jan-2020	To Consider and approve the expenditure towards Qualification upgradation by faculty on contract, from TEQIP-III grants.
10/23 BoG_Jan-2020	To Consider and approve the Budget for IST for the F.Y.2020-2021
11/23 BoG_Jan-2020	To Consider and approve the expenditure towards Consumables/Field work/Chemicals/Glassware and other items by the TEQIP III Ph.D Research Scholars under Research Assistantship(Table Agenda)
UNIT-III : ITEMS FOR RATIFICATION	
12/23 BoG_Jan-2020	Ratification of International travel proposal of Dr.A.JayaShree, Professor, Centre for Chemical Technology, IST, JNTUH submitted to SPIU/NPIU under TEQIP-III.
13/23 BoG_Jan-2020	Ratification of Revised item under Minor Repairs and Maintenance.
14/23 BoG_Jan-2020	Ratification of: a) Sanctioning New project simultaneously with old project under R&D in view of TEQIP-III project timeline. b) Seed money to M.Tech students to do project work as internships at other institutes towards chemicals/ consumables for an amount of Rs. 20,000/-.
UNIT-IV: ITEMS FOR INFORMATION	
15/23 BoG_Jan-2020	Information about the Status of : ➤ Mini R&D project works by: • 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.
16/23 BoG_Jan-2020	Information about the Organized Conferences/Workshops/Training Programs.
17/23 BoG_Jan-2020	Information about the status of the Procured items/equipment from the additional grant (10% PLA) received from NPIU.
18/23 BoG_Jan-2020	Information about the status of the Minor repairs and Environmental Management Frame Work (EMF).
19/23 BoG_Jan-2020	Information about the status of approved MoU's in 22 nd BoG Agenda
20/23 BoG_Jan-2020	Information about the MHRD observations towards Performance of IST, JNTUH
21/23 BoG_Jan-2020	Information about the appointment of Dr.Yaduvir Singh Chauhan as UGC nominee, as member, Governing body of IST, JNTUH.
22/23 BoG_Jan-2020	Any other item with the permission of the Chairperson.

MINUTES OF THE 23rd BOG MEETING

The 23rd BoG meeting of IST, JNTUH was convened in the Meeting Hall of the Director, Institute of Science and Technology (IST), JNTUH, Hyderabad at 11:00 am, on Saturday 25th January, 2020. The meeting of the Board of Governors was chaired by Prof. P. Jaya Prakash Rao, welcomed all the BoG members to the 23rd 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. October 2019 to January 2020. Details of the action taken report were 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, had conveyed season's greetings to all the members of the governing body as this was the first BoG meeting in this year. Chairperson appreciated the efforts taken by the Director, and faculty in implementing TEQIP III project activities. He appreciated the motivation levels of the faculty members of IST in taking up several R&D projects, academic activities, a good number of publications and in organizing number of workshops, conferences and training programs.

He mentioned that MHRD has pointed out three areas of concern with reference to the JNTUH IST performance as part of the TEQIP III Project. MHRD has observed and listed three indicators namely achievement of NBA status, Participation of faculty in SWAYAM, and transition rate. Chairperson, BoG has reviewed the observations made by the NPIU, MHRD. Govt of India. BoG felt that steps to achieve NBA accreditation may be initiated by the Director, IST by requesting University authorities to appoint suitable persons as emeritus faculty.

Prof.Bh.Nagabhushan Rao, Mentor IST suggested to work on the possibility of recruiting NPIU designated lecturers at IST JNTUH to fill the gap. Chairperson felt that BoG had failed in motivating the faculty to take up SWAYAM courses and sought suggestions from the members. It is also suggested that improvement in SC/ST student's transition rate and activities under equity action plan may be conducted on regular basis.

Chairperson and members of the BoG recorded the services of UGC nominee Dr.Sandeep Grover, Member BOG. Chairperson conveyed deep sense of appreciation to Dr.Sandeep Grover for his constant mentoring, assistance given to IST and extended support to DEI Agra, as external expert in E-SAR filing, conduct of MOCK inspection.

Action taken report was presented to the Hon.'ble members, by the Director, IST. During his presentation, Director, briefed about the item wise status of approved items in the 22nd BoG. NPIU has allocated 10% additional grants (PLA) to the institute, 98% payment is completed for procured items/equipment, in academic process, the remaining amount is re appropriated to various heads and in IOC, minor repairs and maintenance of equipment and Environmental Management frame work (EMF) are in process. 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

01/23 BoG_Jan-2020	Presentation and action taken report by the Director, IST, JNTUH after 22nd BoG Meeting dated 26-10-2019.
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The Director, Institute of Science and Technology has briefed about the activities related to the institute in general and TEQIP-III activities in particular. This has enabled the honorable Chairman and members of BoG to provide suggestions and to take appropriate decisions.

The Action taken report is as follows:

In the 22nd BoG the items submitted for consideration and approval were approved by the BoG members and the status is presented item wise for the information of the BoG members

- ❖ **ITEM No: 04/22 BoG Oct-19:** In Procurement of items/equipment,98.4% of the procurement has been made under additional grant.
10% of the PLA under academic process has been re-appropriated and adjusted against the allocated head.

- ❖ **ITEM No: 05/22 BoG_Oct-19:** Two departments have already submitted their bills and payments for the minor repair works has been initiated. Other departments have initiated works under repairs and maintenance.
- ❖ **ITEM No: 06/22 BoG_Oct-19:** All the draft copies of the MoU's have been submitted to the JNTUH for approval. University standing committee meeting was held on 13th December, 2019 and the university is in the process of finalizing the MoU's.
- ❖ **ITEM No: 07/22 BoG_Oct-19:** Out of three approved programs, one workshop was organized on 6th December, 2019.

❖ **Procurement of Goods:**

Out of the total allocated budget of Rs.385 lakhs, an amount of Rs. 379.33 lakhs has been incurred towards procurement of goods / items under the head of Procurement. The expenditure in pipeline is Rs. 5.67 lakhs.

❖ **Academic Processes:**

As per the NPIU, PIP, Number of activities under academic processes were listed and they include:

- ✓ improvement in teaching learning, and research competence, (faculty staff training, enhancing knowledge and research competence, management development training of faculty members, subject area training programs, training of technical staff)
- ✓ Enhancement of research , development and innovation
- ✓ Improving transition rates, of all the students
- ✓ Instituting academic and non academic reforms
- ✓ Student Employability: increasing interaction with industry, student career counseling placement.
- ✓ Increasing faculty productivity and Motivation and Twinning activities.

Faculty members, technical staff and students of respective centers of the IST have organized & participated in number of activities with the support of TEQIP III project, during October-2019 - January, 2020. List of all the events organized / participated is given in **Annexure-I**.

Conferences/Workshops /Training Programs Organized by Faculty from Oct, 2019- Jan, 2020:

- Workshops - 04
- Training Programs - 01
- Expert Lectures Delivered - 09
- Meeting - Academic Council Meeting
- Patent filed - 01

Conferences/Workshops / Training Programs Attended by Faculty and Students from Oct, 2019-Jan, 2020:

- Conference/Seminar - 14
- Workshops - 06
- Training Programs - 05
- Industrial Visits - 02

During 17th BoG the budget for Academic Process under TEQIP-III is allocated and till now we have incurred an amount of 1,68,54,829/-from 1 April-2017 to 20 January-2020 under various heads as listed below:

S.No	Activity		Allocated Amount as per 22 nd BoG (in Rs.)	Spent Amount (in Rs.)
1.	Research and Development (R&D)	M.Tech students	25,00,000/-	3,88,749/-
		Mini Project, Patents and programs attended by Students & faculty	38,00,000/-	34,48,448/-
2.	Improve Student Learning		12,00,000/-	12,66,925/-
3.	Research Assistantships		64,80,000/-	25,67,797/-
4.	Faculty/Staff Development ,Motivation		68,00,000/-	55,03,360/-
5.	Reforms & Governance		20,00,000/-	11,15,838/-
6.	Mentoring & Twinning System		41,00,000/-	14,85,020/-
7.	Graduate Employability		8,00,000/-	3,04,095/-
8.	Industry-Institute-Interaction		6,00,000/-	3,50,724/-
9.	Management Capacity Development		5,00,000/-	4,18,156/-
10.	MOOCs and Digital Learning		5,00,000/-	5,717/-
11.	Hiring Consultancy Services		6,00,000/-	0.00/-
	TOTAL		2,98,80,000/-	1,68,54,829/-

❖ **Twinning Activities:**

- Dr.B.Venkateswara Rao, Director, IST, JNTUH was present in the BoG meeting of Dayalbagh Educational Institution (DEI), Agra on 30th November, 2019. Dr.B.Venkateswar Rao has delivered an expert talk on "Research and Academic Ethics".
- JNTUH IST has made a mock visit and inspection of NBA E SAR for the DEI,Agra during 8-10 Nov,2019. Experts were drawn from College of Engineering, JNTUH, Osmania University and YMCA, Faridabad under Twinning Activity.
- The Institute of Science and Technology, JNTUH and Dayalbagh Educational Institute, Agra have mutually agreed to do joint research and development. Four collaborative projects under Twinning activity 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/Nano material/Bacterial Protein)	Dr.K.Venkateswara Rao	Dr.Rahul Swarup Sharma

❖ **Incremental Operating Cost:**

- Under this, Internal Auditing was carried out for TEQIP-III project on 23-24 October, 2019 for the year 2019-20. Internal audit report for the first half F.Y 2019-2020, is received. There are no objections.

UNIT-II: ITEMS FOR CONSIDERATION AND APPROVAL

02/23 BoG_Jan-2020	To confirm the Minutes of the 22nd BoG meeting held on 26th October, 2019.
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The Chairperson and members of the governing body approved the minutes of the 22nd BoG meeting held on 26th October, 2019. The copy of Minutes is as given in **Annexure-II**.

03/23 BoG_Jan-2020	To Consider and approve Expenditure incurred since 22nd BoG to till date in TEQIP-III.
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The headwise expenditure incurred since 22nd BoG 2019 to 20th Jan 2020 is **Rs. 71,96,432/** only.

S.No	Name of the item	Expenditure since 22 nd BoG (in Rupees)	Total expenditure since inception (in Rupees)	Percentage of total Expenditure on Life Time Allocation
1	Procurement of Goods	29,14,967	3,79,33,173	98.53
2	Academic Processes	38,05,438	1,68,54,829	54.72
3	Operating Cost	4,76,027	40,82,535	53.00
Total		71,96,432	5,88,70,537	76.45

There were concerns raised by the members on low spending (54.72%) of Academic processes and how the institute will raise the spending (even after reallocation) within the next 8 months' time? A plan should be worked out in terms of tri-monthly spending to meet the requirement, the same may be the case for operating cost also.

The BoG has approved the above expenditure.

04/23 BoG_Jan-2020	To Consider and approve proposed MoU between Centre for Biotechnology, IST, JNTUH with Ahuja Engineering Services Private Limited
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The Centre for Biotechnology (CBT) has proposed to enter MoU with M/S Ahuja Engineering Services Pvt.Ltd., after formal discussions with faculty members of CBT, IST. University administration has requested for the approval by the BoG for further action.

Intent of the MoU proposed between CBT IST and M/S Ahuja Engineering Services Private Limited, S.D road, Secunderabad is to:

- provide a framework to promote student training / internships in Industry
- enhance Industry - Academic Research Co-operation
- involve in Curriculum Design
- facilitate industrial visits, and, Placement of Students
- organize Skill Development Programs, Guest Lectures and Faculty Development Programs.
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BOG has approved for constitution of an internal committee by the Director to properly assess the credentials of the industry/institute partner and prepare a draft MOU in consultation with the internal partner clearly mentioning the objectives, purpose and the operational procedure. This general procedure may be followed hereafter. In the present case also, the same method be adopted and the MOU be submitted to the members by circulation for approval (**copy of the MoU, Annexure-III**).

The BoG has approved to constitute internal standing committee for the above agenda item.

05/23 BoG_Jan-2020	To consider and approve proposals to organize National and International conferences / Workshops.
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Faculty members of IST have proposed to organize national and international conferences/ workshops and Training programs, under FSD. The programs will be organized as per the BoG guidelines. The details of the proposed events are given below.

S. No	Topic/Theme	Programme	Collaboration/Association	Proposed Dates	Faculty Coordinator	No. of Participants	Funds requested from TEQIP-III
1.	One day workshop on "Awareness on Job potential" by alumni	Workshop	----	29 February, 2020	Dr.M.Sunitha Reddy Associate professor of Pharmacy	300	100000.00
Outcome: To develop good placements to identify the research for potential job opportunities, alumni collaborations for project training and industrial training							
2.	Women Empowerment & Entrepreneurship: Challenges and opportunities in Science and Technology	Workshop (under Equity Action Plan)	----	5-7 March, 2020	Dr.CH.Shilpa Chakra Assistant Professor of Nanotechnology	200	200000.00
Outcome: Building Strong nation by their knowledge & Skills in various fields of Science and Technology, to boost confidence of women, to encourage them to break the barriers in research.							
3.	Reservation Policy and Implementation	Workshop (under Equity Action Plan)	-----	13March, 2020	Dr. L. Saida Assistant Professor of Biotechnology	100	100000.00
Outcome: To educate the student and faculty about the role of reservation and roster points in educational institution as well as state and central government employment.							
4.	Advances in Geospatial Technology & Applications in connection with World Earth Day	Workshop	ISDE,IRS, Anna University and ISDE India Chapter.	22April, 2020	Dr.T.Vijaya Lakshmi Associate Professor of Environment	100	100000.00

Outcome: Earth Day is an annual event celebrated on 22nd April every year globally. It is celebrated to support the protection of the environment. 22nd April 2020 will mark 50 years of Earth Day celebrations. The theme for the workshop is Climate action. Expert talks from NRSC, IRS, INCOIS will emphasize on the role of technology in accelerating SDG 2030. It is also proposed to launch International Society for Digital Earth (ISDE) India Chapter. Dr.T.VijayaLakshmi has been nominated as the Co-Chairperson of the ISDE India Chapter

5.	Watershed Management with emphasis on "MARVI"	International Workshop	Western Sydney University, Australia and DEI, Agra	23-25 April, 2020	Dr.T.Vijaya Lakshmi Associate Professor of Environment	100	200000.00
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Outcome: Expert talks include Groundwater monitoring and management at the local, Hydrological Issues of catchments along with case studies, Groundwater Quality: Challenges and Solutions, Estimation of urban recharge. The workshop will enable the participants to learn the WRM initiatives.

6.	UN workshop on Biodiversity	Workshop	Telangana State Biodiversity Board	April, 2020	Dr.Ch.Sasikala Professor of Environment.	100	100000.00
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Outcome:The proposed UN workshop on biodiversity, in general motivates the participating students to learn, reinforces learning in the classroom, teaches students about the world, builds confidence and leadership skills, inculcates analytical Skills, Problem-Solving Skills, Diplomacy, the art of negotiation and Public Speaking.

7.	Animal Cell Culture techniques for metabolic engineering and drug development	Training	----	15-20 June, 2020	Dr.A.Uma Associate Professor of Biotechnology	40	200000.00
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Outcome: The Training program would provide a good platform for students, researchers and scientists of various fields in pharmacy, Biotechnology and microbiology.

8.	Flexible Energy Storage Devices	Workshop	Dayalbagh Educational Institution (under Twinning Activity)	21 June, 2020	Dr.CH.Shilpa Chakra Assistant Professor of Nanotechnology	100	100000.00
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Outcome: In the contemporary world, energy seems to be ever increasing demand for households and industries who require extreme energy to be stored and delivered at any time. Existing production of energy face some problems which can overcome with the flexible energy storage systems by replacing with the cylindrical types. The proposed Workshop will address the challenges in energy storage systems and includes expert talks, discussions and possible R&D avenues.

9.	Environment & Energy-2020 (ICEE-2020)	2 nd International Conference	Sponsors will be identified	5-7 August, 2020	Dr.V.Hima Bindu Professor & Head of Environment	250	300000.00
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Outcome: The conference would provide a good opportunity to the students to interact with researchers, professionals and other experts from industry. Resource persons from, environmental consulting firms, Waste management sectors, manufacturing sector and agricultural sectors, will share information on latest trends and advances in solving pollution problems. Awareness of developing renewable energy sources will be one among

10.	Frontiers in Biotechnology and Bioengineering (NCF B-2020)	National Conference	Sajjala biosciences, Vcare biolabs Pvt Ltd, HPCL, Bangalore (Industry)	26-28 August, 2020	Dr.A.Uma Associate Professor & Head of Biotechnology	250	300000.00
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Outcome: The Students, scholars and faculty will be exposed to advances in biotechnology and bioengineering domain. Networking with professionals and experts in the domain area will enable the faculty to take new research activities. Conference will facilitate in improving job potential of the students.

11.	International Ground water Conference (IGWC)	International Conference	Association of Global Ground Water Scientists (AGGS)	23-26 February, 2021	Dr.B. Venkateswara Rao Professor of Water Resources	300	350000.00 (subject to the extension of TEQIP-III project)
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Outcome: To evolve the strategy for groundwater management at National and International levels

BoG has not approved the International Ground Water conference scheduled during the month of February, 2021 as the TEQIP III project is only up to Sept 2020. For all other proposed activities/ events, BoG has approved and resolved to sanction the budget as per the 17th BoG minutes.

The BoG has approved all the above, except event at S.no:11.

06/23 BoG_Jan-2020	To consider and approve fee towards Renewal of 3 patents to Indian Patent office. 1)Patent no: 306342 ,2)Patent no: 302668,3)Patent no: 306335
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Dr.Ch.Sasikala, Professor, Centre for Environment, IST has requested for funding towards renewal fee charges for the 3 patents and for the expenditure towards Form 15 including official at Indian Patent Office (IPO) for 2019-2020 and 2020-2021 years. The details of the patent are given below

- **Patent no: 306342** (A process for Extraction of Neurosporene from a novel phototrophic Bacterium Rhodobacter Virids JA737 and utilization)
- **Patent no: 302668**(A process for the isolation and Purification of Lycopene from Rhodospirillum sulfurexigens JA143T and Rhodospirillum Oryzae JA318T and Utilization).
- **Patent no:306335** (A microbiological method using Marine Water for the Production of Neurosporene from a marine bacterium Rhodovulum SP.JA756T and compositions containing the said pigment and process for making the same).

As per the approved items under TEQIP-III, NPIU has permitted to meet the expenditure towards patent filing. Earlier JNTUH IST has met the expenditure towards patent examination, filing from TEQIP-III project funds for the above three patents. As per the IPR India norms, the fee for renewal of the patent has to be maintained every year. Hence, Prof Ch.Sasikala is requesting to meet the expenditure towards patent renewal fee for the period 2019-2020 and 2020-2021 from TEQIP III funds. The requested amount for the same is Rs 28,740/-only.

Since the TEQIP-III “Dos and Don’ts” document does not mention about renewal charges and as Dr.Sasikala is only one author from JNTUH and others being from HCU. The members of the BoG have not recommended payment of renewal fee from TEQIP III funds. .

The BoG has not approved the above item.

07/23BoG_Jan-2020	To Consider and approve conduct of Ek Bharat Shreshta Bharat Programme under TEQIP-III recommended by AICTE, MHRD- GOI
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AICTE, MHRD, Govt of India has identified JNTUH IST to organize Ek Bharat Shreshta Bharat Programme to promote national integration through systematic exchange between paired states.JNTUH IST is partnered with Guru Jhambeshwar Science and Technology University, Harayana to organize Ek Bharat Shreshta Bharat Programme in the month of March/April, 2020. Nearly 50 students of IST and Five faculty members will be deputed for the program. This particular program Ek Bharat Shreshta Bharat is supported and recommended by the MHRD. To organize the same an amount of Rs.4.5 lakhs is estimated towards travel and accommodation at Haryana. The letter from AICTE is given as **Annexure-IV**.

However a recent circular from MHRD to the respective state governments of higher education stated that there is no student exchange program in view of the reservations expressed by various universities due to fund crunch. Only one or two faculty per institute may have exchange visit. At the same time programs indicating the culture of the paired state must be conducted by the students as planned earlier.

NPIU has permitted to organize / depute students and faculty to tech fests, exposure visits of socially backward and girl students to reputed organizations under the sub component of improved student learning.

The BoG members have permitted and approved two faculty members (maintaining gender equity) to visit partner institute under Ek Bharat Shreshta Bharat Programme as per the recommendations and procedures of MHRD and to conduct programs with students on the culture of the paired state.

The BoG has approved the above for two faculty members only.

08/23BoG_Jan-2020	To consider and approve Re-appropriation of funds under academic processes of TEQIP-III.
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In the 22nd BoG, approval was taken for allocation of additional grant of Rs.28 lakhs towards academic activities in addition to the earlier allocation. Based on the proposed activities and timelines of the TEQIP III project, re-appropriation of funds under sub component of academic processes is required. The subcomponent wise re- appropriation of funds is given below.

S.No	Activity	Allocated Amount as per 22 nd BoG Agenda (in Rs.)	Spent Amount (in Rs.)	Remaining Amount (in Rs.)	Allocation Proposed Now (in Rs.)	
1.	Research and Development (R&D)	M.Tech students	25,00,000/-	3,88,749/-	21,11,251/-	8,00,000/-
		Mini Project, Patents and programs attended by Students & faculty	38,00,000/-	34,48,448/-	3,51,552/-	68,33,000/-
2.	Improve Student Learning	12,00,000/-	12,66,925/-	-66,925/-	20,00,000/-	
3.	Research Assistantships	64,80,000/-	25,67,797/-	39,12,203/-	66,17,000/-	
4.	Faculty/Staff Development ,Motivation	68,00,000/-	55,03,360/-	12,96,640	75,00,000/-	
5.	Reforms & Governance	20,00,000/-	11,15,838/-	8,84,162/-	20,00,000/-	
6.	Mentoring & Twinning System	41,00,000/-	14,85,020/-	26,14,980	30,00,000/-	
7.	Graduate Employability	8,00,000/-	3,04,095/-	4,95,905	6,00,000/-	
8.	Industry-Institute-Interaction	6,00,000/-	3,50,724/-	2,49,276/-	6,00,000/-	
9.	Management Capacity Development	5,00,000/-	4,18,156/-	81,844/-	5,00,000/-	
10.	MOOCs and Digital Learning	5,00,000/-	5,717/-	4,94,283/-	3,50,000/-	
11.	Hiring Consultancy Services	6,00,000/-	0.00/-	6,00,000/-	0.00/-	
12.	Non Allocated fund	10,00,000/-	0.00/-	0.00/-	0.00/-	
	TOTAL	3,08,80,000/-	1,68,54,829/-	1,30,25,171/-	3,08,00,000/-	

As per the third column in the above table, under some of the heads we could spend more than allocated and for some other heads there are more funds but not spent much. Therefore re-appropriation of funds has been made under each head so that they can be spent within the time line of the TEQIP –III end date, i.e., September, 2020. Therefore the last column of the above table indicates the total allocation for the entire project period under that head.

BOG has approved allocation of funds for various activities as proposed in the last column of the above Table.

09/23 BoG_Jan-2020	To Consider and approve the expenditure towards Qualification upgradation by faculty on contract, from TEQIP-III grants.
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In the PIP, expenditure towards Qualification upgradation of faculty and staff is permissible. Dr.A.Vamshi Krishna Reddy working as Assistant professor(c) in Centre for Environment has requested reimbursement of fee towards the diploma program in Industrial Health and Safety, Annamalai University(distance mode).The expenditure is given below:

- Tution fee: Rs.4150.00
 - Course work fee: Rs.1500.00
 - Thesis Binding etc. Rs.4000.00
- Total: Rs.9650.00

Members of the BOG discussed about the programs offered by the Annamalai University through distance mode. It was submitted to the members that the diploma program in industrial health and safety offered by the University is recognized by the UGC.

The BoG has approved the above .

10/23 BoG_Jan-2020	To Consider and approve the Budget for IST for the F.Y.2020-2021
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Budget of IST for the F.Y:2020-2021, was approved by the finance committee, is presented to the members of the BoG for recommendations and approval. The copy is enclosed as **Annexure-V**.

After detailed examination of the IST Budget plan of receipts and payments for the F.Y 2020-2021, Chairperson BoG has suggested Director IST to approach University Authorities to meet the expenditure towards salaries of the Contract faculty and staff. Special Invitee Sri Pullaiah, has mentioned that the Contract faculty and staff salaries are to be borne by the University only, as they were shown against the University Budget head.

BOG has approved the proposed Budget of IST for the year 2020-2021 to be forwarded to the university.

11/23 BoG_Jan-2020	To Consider and approve the expenditure towards Consumables/Field work/Chemicals/ Glassware and other items by the TEQIP III Ph.D Research Scholars under Research Assistantship (Table Agenda)
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TEQIP-III Research assistant Fellowship is being given to 18 Research Scholars at IST, doing research at various Centers of IST. Research Scholars under TEQIP III have requested contingency grant to meet the expenditure towards Consumables/Field work/Chemicals/ Glassware and other items for carrying research work. BoG has already approved and sanctioned an amount of Rs.20,000/- towards expenditure by the M.Tech students to carry out their project work. Similar such grant for TEQIP-III Research Scholars is proposed for Rs.25,000/- per scholar.

BoG has discussed the above proposal and approved to meet expenditure towards consumables, field work and analysis by the TEQIP III research scholars from the TEQIP III R& D funds. Research scholars may be allowed to spend towards the same up to an amount of Rs.25,000/- as a onetime grant and within TEQIP III project period (August 2020). Amount may be reimbursed to respective research scholars, after submission of bills and progress of research work.

The BoG has approved the above item.

UNIT-III : ITEMS FOR RATIFICATION

12/23 BoG_Jan-2020	Ratification of International travel of Dr.A.JayaShree, Professor, Centre for Chemical Technology, IST, JNTUH submitted to SPIU/NPIU under TEQIP-III.
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Dr.A.Jaya Shree, Professor of Chemical Technology, has been invited for oral presentation on “**Click Chemistry assisted regioselective synthesis of new phosphorous moiety linked 1,2,3-triazoles**” and “**Synthesis, Cytotoxic activity of novel tetracyclic acridone derivatives**” in the international conference on “**American Chemical Society Spring 2020 National Meeting and Expo**” at Pennsylvania Convention Centre, Philadelphia during 22–26, March, 2020. The amount requested towards international travel is Rs.3,22,595/- (towards Registration fee:Rs.43,175/-, Total Airfare:Rs.83,000/-, Visa processing fee: Rs.11,420/-, Accommodation and other logistics arrangement:Rs.1,85,000/-). The international travel application has been reviewed by the internal scrutiny committee and in-principle approval was taken from the honorable chairman BoG and is presented to the BoG members for ratification.

The BoG has ratified the same

13/23 BoG_Jan-2020	Ratification of Revised item under Minor Repairs and Maintenance.
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In the 22nd BoG, approval was given for Minor repairs/Maintenance under subcomponent of IOC. One of the item submitted and approved is up gradation of Leica Photogrammetry Software under Repairs and Maintenance works from TEQIP III Project for Rs 80,000/-. As the revised version of the software is not compatible to the existing hardware configuration, Head, Centre for Environment (CEN), has requested for replacement of the approved item. In place of Software up gradation, Head, Centre for Environment (CEN), has proposed to repair 10KV UPS which is not functioning properly.

Chairperson BoG in principle has approved the same in email dated: 13/12/2019. This is presented to the members for ratification. Members felt that this kind of allocations should not happen further. When an item is coming for an approval for a particular purpose, the feasibility of that should be ensured thoroughly in the beginning rather than going for replacement of the approved item later.

The BoG has ratified the same

14/23 BoG_Jan-2020	Ratification of : a) Sanctioning New project simultaneously with old project under R&D in view of TEQIP-III project timeline. b) Seed money to M.Tech students to do project work as interns at other institutes towards chemicals/ consumables for an amount of Rs.20,000/-
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a) In the 22nd BoG, there is an enhancement of seed money for R&D mini research project of individual faculty from Rs.2,00,000/- to Rs.4,00,000/- either as a continuation of existing project or as a fresh project 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. Faculty members are now requesting to sanction the New project simultaneously along with the ongoing project and within the approved budget in view of the TEQIP-III project timeline, as September, 2020. Such proposals if they are cleared by departmental research committee may be approved under TEQIP-III.

b) In the 22nd BoG minutes, it was approved to meet the expenditure towards consumables, field work, sampling charges and others for the M.Tech students during his/her project work from the TEQIP III grants for an amount of Rs.20,000/-.As per the NPIU guidelines, we can meet the expenditure for internships. Few of our students got opportunity to do projects in national laboratories/ institutes, like in IICT, NEERI, NGRI etc. As per the office procedures of the national labs, student is required to pay an amount towards chemicals/ consumables & other costs to the institute.

Chairperson BoG in principle has approved the above two items in mail dated: 05/11/2019 with in the approved amount. The same is presented for BoG for ratification.

The BoG has ratified the same

UNIT-IV: ITEMS FOR INFORMATION

15/23 BoG_Jan-2020	Information about the Status of : ❖ Mini R&D 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.
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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-VI**.

16/23 BoG_Jan-2020	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-I**. 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 October, 2019 –January, 2020.

17/23 BoG_Jan-2020	Information about the status of the Procured items/equipment from the additional grant (10% PLA) received from NPIU.
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In the 22nd BoG, the list of items/equipment from additional grant (10% PLA) received from NPIU, has been approved and we have completed almost 98% payments for the procured items. The status of this procured item is given in the **Annexue-VII**.

18/23 BoG_Jan-2020	Information about the status of the Minor repairs and Environmental Management Frame work (EMF).
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In the 22nd BoG, we have taken approval for minor repairs and EMF, the status of the work is in progress and is given in **Annexure- VIII**.

19/23 BoG_Jan-2020	Information about the status of approved MoU's in 22nd BoG Agenda
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In the 22nd BoG, six MoU's from centre for Pharmaceutical Sciences, Environment, Biotechnology, Water Resources and IST was approved by the BoG .All the MoU's have been submitted to the JNTUH and standing committee meeting was held on 13th December, 2019 and the university is in process of finalizing the MoU's.

20/23 BoG_Jan-2020	Information about the MHRD observations towards Performance of IST, JNTUH
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There was a letter addressed to Principal Secretary, Telangana State from MHRD, Govt of India to TEQIP- III Institutions regarding their Institution performance. The status of performance in different parameters of the IST, JNTUH institution is given in **Annexure-IX**. The areas of concern are as given below for necessary action to help in achieving the below stated objectives of the institution.

- Achievement of NBA Accreditation: JNTUHIST Hyderabad has not achieved target for NBA accreditation in PG programmes.
- Participation of faculty in SWAYAM courses: No Institutions has 50% faculty certified on SWAYAM courses.
- Transition Rate: Absence of data on transition rate of SC/ST students in case of JNTU Institute indicates negligence for socially disadvantaged students.

21/23 BoG_Jan-2020	Information about the appointment of Dr.Yaduvir Singh Chauhan as UGC nominee, as member, Governing body of IST, JNTUH.
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Dr.Yaduvir Singh Chauhan, Principal, Raja Balwant Singh College(College with Potential for Excellence), Agra, U.P is nominated as UGC nominee and appointed as member of Governing body of Institute of Science and Technology, JNTUH for a period of five year w.e.f 2019-2020 to 2023-2024 in place of Dr. Sandeep Grover, Professor, Dept. of Mech. Engg, YMCA University of Science & Tech, Faridabad.

22/23 BoG_Jan-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.