



**MINUTES OF 18th MEETING OF BOARD OF GOVERNORS (BoG)
JNTUH INSTITUTE OF SCIENCE AND TECHNOLOGY (Autonomous)
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**



**MINUTES
Of
18th MEETING of
BOARD OF GOVERNORS**

Venue:

Conference Hall, JN Auditorium,

Jawaharlal Nehru Technological University Hyderabad

On

30th June, 2018 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

18th Meeting of Board of Governors

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. Siva Kumaran	Director, Aurobindo Pharma Ltd.	Member
3.	Dr. Rakeshwar Bandichhor	Director, Dr. Reddy's Laboratories Ltd.	Member
4.	Sri. B. Gopala Krishna	Dy. Director, NRSC, Hyd.	Member
5.	Dr. A. D. Rao	Regional Director (Retd), CGWB, Ministry of Water Resources	Member
6.	Dr. K. Yella Reddy	Dean, Faculty of Agriculture Engg., & Technology, ANGRAU, A.P	Member
7.	Dr. M. Anji Reddy	Professor of Environmental Science and Technology and Director R&D, JNTUH.	Member
8.	Dr. G. Krishna Mohan	Professor of Pharmacy, CPS, IST, JNTUH	Member
9.	Dr. Sandeep Grover	Professor, Dept. of Mech. Engg, YMCA University of Science & Tech, Faridabad.	Member
10.	Dr. B. N. Bhandari	Director, academic & Planning, JNTUH	Member
11.	Prof. Bh. Nagabhushan Rao	Mentor, IST-TEQIP III	Special Invitee
12.	Prof. C. Radha Krishna,	Rtd. Professor of Electrical Engg, and Former Mentor, JNTUH IST, Hyd.	Special Invitee
13.	Shafiaz Akhtar	SPFU, Dept. of Tech Education, Hyderabad	Special Invitee
14.	Dr. A. Jaya Shree	Prof. of Chemistry, Head CCST, IST, JNTUH.	Special Invitee
15.	Dr. M. V. S. S. Giridhar	Asso. Professor of Water Resources, and Former Coordinator- TEQIP III	Special invitee
16.	Dr. T. Vijaya Lakshmi	Assistant Professor of EST and Coordinator TEQIP-III	Special invitee
17.	Prof. B. Venkateswara Rao	Director, IST, JNTUH	Member Secretary



JNTUH INSTITUTE OF SCIENCE AND TECHNOLOGY (Autonomous)
Kukatpally, Hyderabad-500085

MINUTES OF THE EIGHTEENTH MEETING OF BOARD OF GOVERNORS

Venue: Conference Hall, J.N. Auditorium, JNTUH
on 30th Saturday, June, 2018 at 11:00 AM

AGENDA

Item No.	Description of Item
UNIT: I ACTION TAKEN REPORT	
01/18 BoG _ June -18	Presentation and action taken report by the Director, IST, JNTUH after 17 th BoG Meeting.
UNIT-II: ITEMS FOR CONSIDERATION AND APPROVAL	
02/18 BoG _ June -18	Minutes of the 17 th BoG meeting held on 28 th April, 2018 – for consideration and approval.
03/18 BoG _ June -18	Expenditure incurred since 17 th BoG to till date in TEQIP-III – for consideration and approval.
04/18 BoG _ June -18	Consideration and approval for organizing National and International conferences / workshops / training programs proposed under TEQIP-III
05/18 BoG _ June -18	Consideration and approval for NBA processing fee for 2 M.Tech programs from TEQIP III funds.
06/18 BoG _ June -18	Consideration and approval for financial support towards international travel by Prof.B.Venkateswar Rao, under Academic Process, TEQIP-III
07/18 BoG _ June -18	Consideration and approval for List of equipments / Goods to be procured under TEQIP III.
08/18 BoG _ June -18	Consideration and approval for expenditure towards civil works from TEQIP-III grants.
09/18 BoG _ June -18	Consideration and approval for Tripartite Agreement between CII GBC-IST-DEI under Twinning Activity of TEQIP-III.
10/18 BoG _ June -18	Consideration and approval for payment of consultancy charges towards patent examination under FSD component of TEQIP-III
UNIT-III : ITEMS FOR RATIFICATION	
11/18 BoG _ June -18	Ratification for the amount transferred to TEQIP III maintenance account from General fund account of IST.
12/18 BoG _ June -18	Ratification of the recommendations for international travel by Prof.Ch.Sasikala, CEN, IST.
13/18 BoG _ June -18	Ratification of the expenditure incurred towards conduct of two workshops.
UNIT-IV: ITEMS FOR INFORMATION	
14/18 BoG _ June -18	List of students receiving financial assistance towards M.Tech Project work, under R&D component of TEQIP III.
15/18 BoG _ June -18	List of Mini projects approved and sanctioned under R&D component of TEQIP III.
16/18 BoG _ June -18	List of sanctioned Ph.D students for research assistantship under R& D component of TEQIP III.
17/18 BoG _ June -18	List of approved Workshops / Conferences for change in schedule.
18/18 BoG _ June -18	Appointment of Mentor and Performance Auditor, by MHRD, NPIU, to JNTUH-IST, TEQIP III.
19/18 BoG _ June -18	Any other items with the permission of the Chairperson



Minutes of the 18th Meeting of Board of Governors, JNTUH IST

The 18th BoG meeting was convened in the conference hall of JN Auditorium, JNTUH at 11a.m, on 30th June., 2018. Prof.P.Jaya Prakash Rao, Chairman, BoG, has welcomed the Members of the governing body and requested the Director, IST to present the agenda.

With the permission of the Hon.ble Chairperson, Director, IST has briefed about the activities taken up and the progress made in connection with the TEQIP- III activities. The newly appointed Mentor by the NPIU, MHRD to JNTUH IST, Prof.Bh. Nagabhushan Rao was introduced to all the members of the BoG by the Director.

The minutes of the meeting as per the agenda and item, is given below. :

Unit: I Action taken report	
01/18 BoG June-18	Presentation and action taken report by the Director, IST, JNTUH after 17th BoG Meeting.

Director, Institute of Science and technology briefed about all the activities related to the institute in general and TEQIP-III activities in particular and appointment of Dr.T.Vijaya Lakshmi, Asst. Professor, Centre for Environment as TEQIP III Coordinator. The Chairman, Honourable members of the BoG and the Director, conveyed thanks to the former Coordinator Dr.M.V.S.S Giridhar, Asso. Professor, Centre for Water Resources, for his untiring services extended towards implementation of TEQIP II & TEQIP III activities and acknowledged the good work performed by Dr.M.V.S.S Giridhar.

Action taken report is as follows:

❖ **Procurement of Goods:**

- Out of the total allocated budget of Rs. 350 lakhs., an amount of Rs. **49,35,294/-** has been incurred towards procurement of goods / items under the head of Procurement. The expenditure in pipeline is **Rs. 1,65,71,931/-**.
- The second cycle of procurement process has been initiated to an amount of **Rs. 1,08,09,812/-** and the items proposed by the Centers were thoroughly scrutinized by the scrutiny committee members.

❖ **Academic Processes:**

- **Financial support to the fulltime Ph.D scholars:** As per the approval of the BoG., selection committee has selected eligible candidates for research assistantship under TEQIP III. Five students out of Eleven applicants were given fellowships. For remaining fellowships, the Director has requested the University to admit ten more students under full time Ph.D, programme.
- **Financial Support towards Student Project work:** As resolved in the 17th BoG, an amount of Rs 10,000/-was sanctioned to the students pursuing M.Tech Project towards experimental charges. The number of students who were sanctioned for the above contingency under R&D is twenty.
- **Participation of Students in various training programs and technical visits:** Under Improvement of Student learning, twenty students from Centre for Spatial Information



Technology and Centre for Water Resources, have participated in 5 day training program at IIRS, Dehradun, during May 21-25 , 2018.

- Students of Centre for Environment, have participated in the training programs at IISC Bangalore, and at IIT Chennai, under GIAN -MHRD Program.

❖ **FSD Programs:** Organized Two workshops and one National conference during April and June, 2018.

- Centre for Environment has organized one day workshop in connection with the World Earth Day, with a focal theme on ‘End Plastic Pollution’, on April 22, 2018.
- One day workshop on Intellectual Property Rights was organized by the centre for Biotechnology for the benefit of Faculty, research scholars and students of IST. Resource persons were invited from CII, ACIPO Chennai.
- 3 day National conference on Water, Environment, and Society, during June 3-5, 2018 was organized by centre for water resource
- All the programs were conducted by duly following the approved guidelines of BoG.

❖ **Twinning Activities:**

- During May 3-5, 2018, faculty members of IST and Industry partner have visited Dayalbagh Educational Institute (DEI) (1.1 Institute) under Twinning activity of TEQIP III. Visit was to establish joint R&D activities, to deliver expert lectures and extend industry interaction with DEI.
- During the visit the following activities were taken up.
- The IST faculty have participated in one day workshop on “Recent Trends in Sustainable Green Technologies” organized by DEI.
- Expert lecture on Green Business Opportunities and Challenges was delivered by Mr.K.S.Venkata Giri, Executive Director, CIIGBC at DEI. He proposed to enter in to a tripartite agreement between CII-GBC, IST and DEI which may be initiated for establishment of IGBC student Chapter at both the institutes. internships will be awarded to the eligible students as part of the agreement.
- Expert lecture on “Bacterial Diversity as an Innovation in Environmental Biotechnology” was delivered by Prof.Ch.Sasikala of CEN, IST at DEI. Dr T. Vijaya Lakshmi delivered expert talk on “Applications of Geospatial Technology for urban governance and NRM” at DEI.
- The TEQIP III coordinator along with Nodal Officers of DEI, (1.1 institute) made their first visit to IST JNTUH during May 25-27, 2018. DEI team had interacted with all the faculty members of IST, and had detailed discussions to carry out joint R&D programs, students exchange visit and organizing workshops on various themes, under Twinning activity. DEI Team visited to each centre of the IST. A visit to CII-GBC by the DEI team was arranged and had fruitful discussions, as part of Industry Institute Interaction.

❖ **Incremental Operating Cost:** Internal Auditing and Statutory Auditing was carried out for TEQIP-III project during June 15-16, 2018. Reports from both the auditors are awaited.



Unit: II ITEMS FOR CONSIDERATION AND APPROVAL

Item No.	Description of Item
02/18 BoG_ June -18	Minutes of Meeting of 17thBoG meeting held on 28th April, 2018 for consideration and approval.

The BoG approved the Minutes of the 17th Governing Body meeting held on 28th April 2018. It is recommended to obtain information of the proforma circulated for evaluating the outcome of the various activities being organized under TEQIP III.

Item No.	Description of Item
03/18 BoG_ June -18	Expenditure incurred since 17th BoG to till date in TEQIP-III – for consideration and approval.

The BoG approved the expenditure incurred after 17th BoG 2018 to till date under TEQIP-III as per the details given below

Sl. No	Name of the item	Expenditure since 17 th BoG (in Rupees)	Total expenditure since inception (in Rupees)	Percentage of total expenditure on Life Time Allocation
1	Procurement of goods	49,35,294	49,35,294	14.10
2	Academic processes	10,03,953	23,67,929	08.45
3	Operating Cost	3,11,224	9,46,551	13.53
Total		62,50,471	82,49,774	11.78

Item No.	Description of Item
04/18 BoG_ June -18	Consideration and approval for organizing National and International conferences / workshops / training programs

The BoG has approved the proposed workshops as detailed below and as per the approved guidelines of the BoG.

The BoG has advised to include target audience participating in the conference/workshops/training programs.

S.No	Topic/Theme	Programme	Collaboration/ Association	Proposed Dates	Budget Amount (Rs.)	Budget Estimation
Name of the Centre : Centre For Biotechnology, IST						
Faculty Coordinator : Dr A. Uma						
1	Migration,	2day National	Navigation	26 th – 28 th	Rs.1,50,000/-	1)Honorarium:



	Navigation and Bio-Mimicking of Aerial Vehicles	Work Shop	Research and Training unit for Navigationa l Electronics, NERTU and IEEE & NDRF	October 2018		Rs.20,000/- 2)TA&DA for Expert: Rs.30,000/- 3)Lunch & Snacks: Rs.50,000/- 4)Industry Visit: Rs.20,000/- 5)Study Material: Rs.30,000/-
Name of the Centre : Centre For Environment, IST Faculty Coordinator : Dr. T.Vijaya Lakshmi						
2.	“Spatial Planning and Climate Change – Challenges & Solutions	2 day National Workshop	Indian Society of Geomatics, Hyderabad Chapter and Dept of Civil Engineering , DEI , Agra under Twinning activity.	14 th – 15 th , Nov, 2018	Rs 1,50,000/-	1)Honorarium: Rs.40,000/- 2)TA&DA for Expert: Rs.40,000/- 3)Lunch & Snacks: Rs.50,000/- 4)Publishing Material: Rs.20,000/-
Name of the Centre : Centre For Water Resources, IST Faculty Coordinator : Prof K.Ram Mohan Reddy, Prof of Water Resources and Placement Coordinator						
3.	Training on Soft Skills and Personality Development to students of IST.	5 days	Resource Persons from industry, and professional trainers.	20 th -24 th August, 2018	Rs 2,00,000/-	1)Honorarium: Rs.75,000/- 2)TA&DA for Expert: Rs.40,000/- 3)Lunch & Snacks: Rs.75,000/- 4)Publishing Material: Rs.10,000/-

Item No.	Description of Item
05/18 BoG_ June -18	Consideration and approval for processing of NBA fee for 2 M.Tech programs from TEQIP -III funds.

The BoG has approved the amount towards NBA re- accreditation fee for two M.Tech programs offered by two centre namely CCSTand CNST of IST with an expenditure of Rs 7,00,000/- (rupees seven lakhs only) and other taxes as applicable. This expenditure may be met from the TEQIP- III funds.

Item No.	Description of Item
06/18 BoG_ June -18	Consideration and approval for financial support towards International Travel by Prof.B.Venkateswar Rao, under the Academic process, of TEQIP-III



The BoG considered and approved the Proposal submitted by Prof.B.Venkateswar Rao, Professor of Water Resources, and Director, IST, to deliver Keynote Address at 1st Conference of Arabian Journal of Geo Sciences, to be held at Hammamet, Tunisia, during 10th – 17th , Nov, 2018. The amount requested towards international travel is Rs 1,55,000/- (towards travel Rs 80,000/-, Registration fee Rs 48,000/-, Visa processing fee Rs 7000/-, and other logistics Rs 20,000/-).

Item No.	Description of Item
07/18 BoG _ June -18	Consideration and approval of List of equipment / Goods to be procured under TEQIP - III.

The BoG considered and approved the list of equipment / Goods as shown in the annexure-I, in procurement under TEQIP-III grants.

Item No.	Description of Item
08/18 BoG _ June -18	Consideration and approval for expenditure towards Civil works from TEQIP-III grants.

The BoG considered and approved the Rs. 1200000/- (Rupees twelve lakhs only) towards civil works of the IST, JNTUH under TEQIP-III grants .

The Civil works component is not common to all the Centres of IST and it may be approved to meet the expenditure as and when any requirement is raised from the Head's of the Centres. The Proposed civil works are executed after scrutiny of the proposals, and tenders by the internal scrutiny committee consisting of Coordinator of Civil Works, Coordinator, PMSS, Coordinator TEQIP III and expert from University Engineering Department.

As per the NPIU guidelines, expenditure on minor civil works should not exceed 5% of the institutional project life allocation which comes to Rs. 35,00,000/- (Rupees Thirty Five Lakhs Only). The component towards minor civil works for all the TEQIP- III funded centres of IST, is estimated for an amount of Rs.2,00,000/-, per centre, totalling to Rs. 12,00,000/- (Rupees Twelve Lakhs Only).

Item No.	Description of Item
09/18 BoG _ June -18	Consideration and approval for Tripartite agreement between CII GBC-IST- DEI under twinning activity of TEQIP - III.

The BoG considered and approved the Tripartite agreement between CII GBC-IST- DEI under twinning activity of TEQIP – III with the following background and details .

The NPIU, MHRD made it mandatory to establish industry institute interaction as part of the TEQIP-III project implementation. In this regard, the existing MoU between Centre for Environment, IST JNTUH and CII GBC may be extended to Dayalbagh Educational Institute (1.1 Institute) under Twinning activity. CII GBC has expressed to make a tripartite agreement / MoU. As part of this MoU, CII GBC will extend cooperation in organizing technical workshops, industrial visits to the faculty, research scholars, and students. CII GBC requested to meet travel expenditure and other logistics for organising the above activity without honorarium to the CII -GBC resource persons.

The BoG has advised to circulate the copy of the MoU to be signed , to the BoG members.



Item No.	Description of Item
10/18 BoG_June -18	Consideration and approval for payment of consultancy charges towards patent examination under FSD component of TEQIP-III

The BoG considered and approved the request of Prof.Ch.Sasikala towards the payment of consultancy charges for patent examination on "Phototrophic purple bacteria as dietary supplements and as medicaments for reducing total blood cholesterol, triglycerides, LDL cholesterol and food or feed compositions". The expenditure towards consultancy charges may be met from the FSD component of TEQIP -III.

Few members of the BoG expressed the opinion that whether it can be booked under FSD , R&D or hiring consultancy services. Finally BoG has resolved to meet the expenditure under FSD.

The BoG has advised to submit the patent filing norms available with the University, if any.

UNIT-III : ITEMS FOR RATIFICATION

Item No.	Description of Item
11/18 BoG_June -18	Ratification for the amount transferred to TEQIP- III maintenance account from IST general fund account of IST.

The BoG approved and ratified the action of the Director IST, JNTUH for the amount transferred to TEQIP- III maintenance account from IST general fund account with the following background.

In-view of the delay in verification of the digital signature of the newly appointed coordinator by PFMS, it was getting delayed for payments of salaries and other office expenditure. Hence, an amount of Rs 1,00,000/- was transferred from IST General fund account to IST TEQIP-III Maintenance account as loan. The amount will be transferred to the IST general fund account after verification of the signature and release of funds.

The BoG has advised to intimate same to the NPIU, MHRD.

Item No.	Description of Item
12/18 BoG_June -18	Ratification of the recommendations for international travel by Prof.Ch.Sasikala, CEN IST.

The BoG approved and ratified the action of the Director IST in forwarding the application of Prof Ch. Sasikala , Professor of EST, CEN IST, for financial support for International travel to participate in the international conference on Environmental Science & Technology, at USA. Application from the concerned faculty was submitted for consideration for funding. The internal scrutiny committee has recommended for financial support and submitted to the Chairman BoG for his approval. The honourable Chairman BOG in principle approved the recommendations for funding. The application was submitted to SPIU, for onward transmission to NPIU.

Item No.	Description of Item
13/18 BoG_June -18	Ratification of the expenditure incurred towards conduct of two workshops.



The BoG approved and ratified the action of the Director IST in organizing the workshops of as detailed below

- (i) Centre for Environment has organized One day workshop on Mobilizing the World to End Plastic Pollution, on Earth Day .The total expenditure was Rs. 58,975.00/-
- (ii) Centre for Biotechnology has organized One day workshop on Intellectual Property Rights. The total expenditure was Rs. 81,483.00/-

UNIT-IV: ITEMS FOR INFORMATION

Item No.	Description of Item
14/18 BoG_June -18	List of students receiving financial support towards M.Tech project work under R&D component.

The BoG has been informed about the M.Tech student who got financial support from TEQIP-III towards meeting their experimental charges of the project work under R&D component.

Item No.	Description of Item
15/18 BoG_June -18	List of mini projects approved and sanctioned under R&D component of TEQIP III.

The BoG has been informed about the list of R & D projects sanctioned for the faculty members under the R & D component of TEQIP III.

The sanctioned amount has seed grant for a mini project work of Rs. 2, 00,000/- each to the individual faculty members of IST.

Item No.	Description of Item
16/18 BoG_June -18	List of sanctioned Ph.D students for research assistantship under R&D component of TEQIP III.

The BoG has been informed about the award of research assistantship with an amount of Rs 18,000/- per month for a period of two Years for the full time Ph.D students, admitted into the Ph.D program of JNTUH. The Selection was made by the selection committee for the same. Five students were selected by the committee duly following the guidelines of the BoG. The Director, IST has initiated action for selection of ten more Ph.D students and is pursuing with the University authorities for admission process.

The BoG advised to take opinion of the NPIU, MHRD for consideration and sanction of research assistantship to non-engineering Ph.D students.



Item No.	Description of Item
17/18 BoG_June -18	List of approved Workshops / Conferences for change in schedule.

The BoG has been informed about the list of approved Workshops / Conferences for change in schedule which was approved in the 16th & 17th BoG

Item No.	Description of Item
18/18 BoG_June -18	Appointment of Mentor and Performance Auditor by NPIU, MHRD to JNTUH- IST, TEQIP -III.

The BoG has been informed about the appointment of Prof.BH Nagabhushana Rao , Retd. Professor, Anna University Madras as mentor and Dr. K A Radha Krishna Rao, Professor & Head, Department of Electronics and Communication Engineering, P.E.S. College ofEngineering, Mandya as Performance Auditor to IST, JNTUH.

Item No.	Description of Item
19/18 BoG_June -18	Any other items with the permission of the Chairperson.

Hon.ble Chairperson in his remarks welcomed and appreciated the industry-institute support to be extended by the members of the governing body, namely Dr.Siva kumaran, Director , M/S Aurobindo Pharma Ltd. and Dr. Rakeshwar Bandichhor, Director, M/S Dr. Reddy's Laboratories Ltd. The support towards student's training and internships will be extended to students of IST by the respective members.

BoG expressed to include proposed action plan for the coming quarter / year wise, in line with IDP and advised to invite concerned Head of the Centre to give a presentation during the BoG meeting for consideration and approval.

BoG recommended to include the status of all the BoG approved activities under action taken report for the information to the members of the BoG.

The meeting ended with vote of thanks by Dr. T. Vijaya Lakshmi , Coordinator, TEQIP-III, IST, JNTUH.



**Approximate Budget Estimation with
Centre wise Proposed List of Equipment/goods to be Procured under TEQIP-III (Cycle-II)**

Sl. No	Centre Name	Item Name	Unit cost (in Rs.)	Quantity	Total Cost (in Rs.)	Type of procurement	Total (in Rs.)
1	CBT	Autoclave	2,90,000	1	2,90,000	Shopping	12,40,000
2		Refrigerated incubator shaker	4,20,000	1	4,20,000	Shopping	
3		Walk in Stability Chamber	5,30,000	1	5,30,000	Shopping	
4	CCST	Automatic Polarimeter	4,30,000	1	4,30,000	Shopping	9,25,000
5		Parallel Synthesizer Reaction Station	4,95,000	1	4,93,000	Shopping	
6	CEN	Ultrapure water system	6,00,000	1	6,00,000	Shopping	18,10,000
7		Pre-filtration unit for Water Purification System	60,000	1	60,000	Shopping	
8		Detector and CO2 absorber for TOC analyzer	1,70,000	1	1,70,000	Direct	
9		NGS Workstation	3,80,000	1	3,80,000	Shopping	
10		1.5 Ton Air Conditioner	50,000	1	50,000	Shopping	
11		2 Ton Air Conditioner	60,000	1	60,000	Shopping	
12		2 Ton Air Conditioner with extra coil	70,000	1	70,000	Shopping	
13		UPS Power Back Up	75,000	2	1,50,000	Shopping	
14		Computer Desktop System (2 no's)	60,000	2	1,20,000	Shopping	
15		Computer System for Field Spectral Radio Meter	1,50,000	1	1,50,000	Shopping	



16	CNST	Contact Angle Meter	10,65,000	1	10,65,000	Shopping	16,90,000
17		Dip Coating Unit	4,55,000	1	4,55,000	Shopping	
18		Upgradation of Sputtering unit Model No:12A4SPT	1,70,000	1	1,70,000	Direct	
19	CSIT	Photogrammetry Suite - Hardware	8,85,000	2	17,70,000	Shopping	19,13,000
20		Visual Studio Pro Academic Qlf (.net)	11,000	13	1,43,000	Shopping	
21	CWR	GPS	50,000	1	50,000	Shopping	32,75,000
22		MODFLOW	5,85,000	1	5,85,000	Direct	
23		Digital Water Level Recorder	2,00,000	1	2,00,000	Shopping	
24		Desktop Computers	70,000	30	21,00,000	Shopping	
25		Wind Tunnel	3,00,000	1	3,00,000	Shopping	
26		Refrigerator	40,000	1	40,000	Shopping	
TOTAL							1,08,53,000