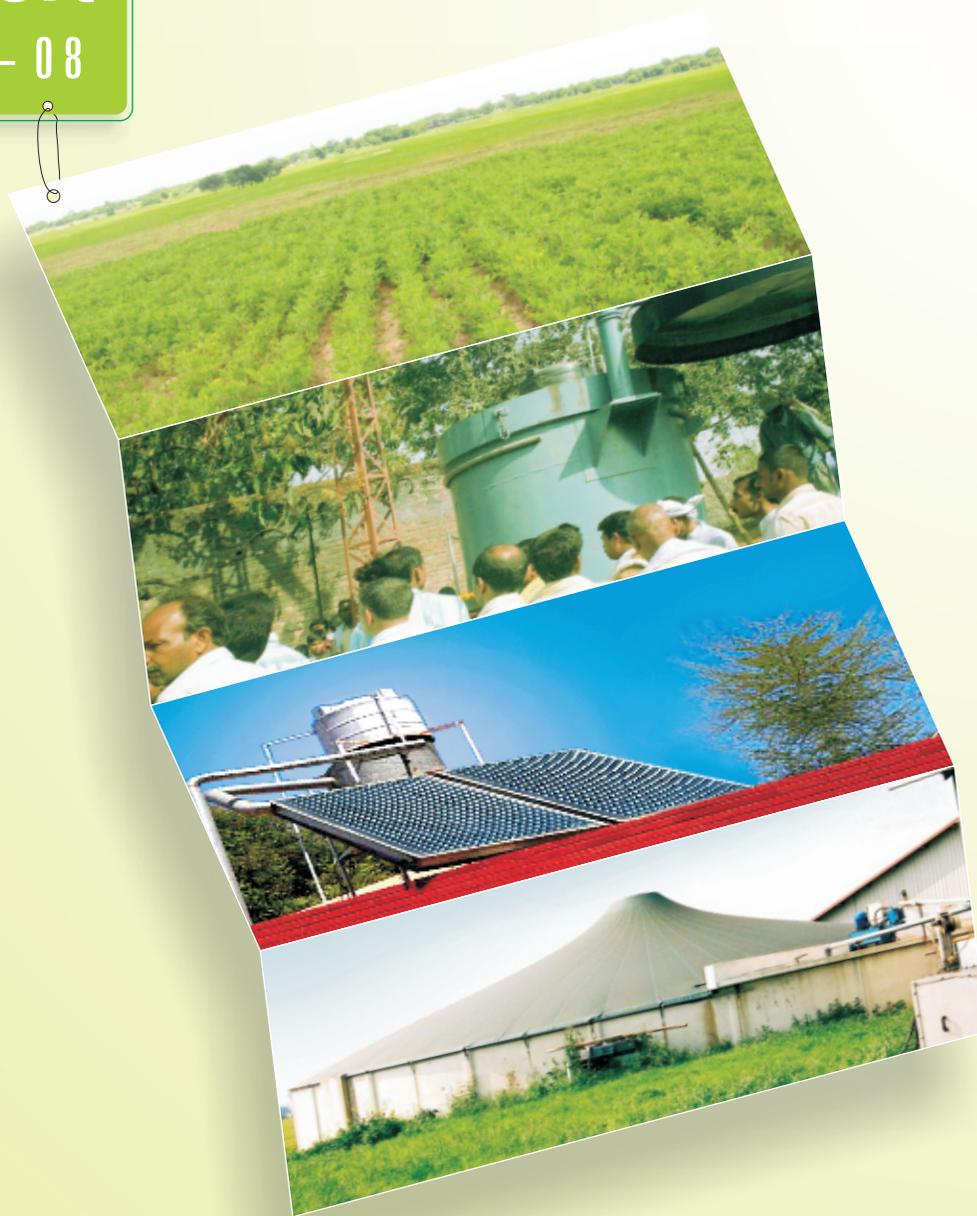


Annual Report

2007 – 08



Ministry of Science & Technology



T I F A C

TECHNOLOGY INFORMATION, FORECASTING & ASSESSMENT COUNCIL

(Department of Science and Technology)

Annual Report 2007–08



TECHNOLOGY INFORMATION, FORECASTING & ASSESSMENT COUNCIL

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Technology Information, Forecasting & Assessment Council
प्रौद्योगिकी सूचना, पूर्वानुमान एवं मूल्यांकन परिषद्

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Professor Anand Patwardhan, Executive Director, TIFAC

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Executive Summary

The Technology Information, Forecasting & Assessment Council (TIFAC), an autonomous society set up under the Department of Science & Technology in 1988, is mandated to assess the state-of-the-art technology and set directions for future technological developments in India in important socio-economic sectors. TIFAC also helps in ensuring timely availability of technologies by up-scaling successful results from R&D laboratories towards commercialization. As a unique knowledge networking institution in India, TIFAC activities encompass a wide array of technology areas.

2007-08 marked a continuation of efforts to strengthen and expand TIFAC activities with regard to technology assessment and foresight – examining technology and related market trends and their implications, assessing and prioritizing technology interventions, and capturing the learning from projects and interventions undertaken. A few significant achievements during the 2007-08 financial year are highlighted below:

Foresight & Assessment Activities: TIFAC embarked on preparing a Detailed Project Report (DPR) for a National Innovation Project, an initiative to address some of the systemic constraints and leverage innovations for rapid and inclusive growth. The DPR covers three different components of strengthening the national innovation management, strengthening technology commercialization and supporting innovation by SMEs

A Techno Market Survey report on 'Vaccines and Molecular Diagnostics', covering the status of vaccine development in India for the diseases of malaria, tuberculosis, AIDS, cancer, cataract and glaucoma was prepared and a number of other studies were initiated.

Innovation Support Programmes: Patent Facilitating Centre (PFC) continued supporting Intellectual Property Management activities in India. While 108 patent applications were filed by PFC, 14 patents were granted during this period. PFC conducted 25 IPR awareness workshops in various parts of the country. Technopreneur Promotion Programme (TePP) has helped furthering the Indian entrepreneurial innovation system. 13 new projects were initiated during the year.

Technology Vision 2020: The system approach in agriculture has impacted farmer income through overall increase in productivity, crop diversification and value addition. The project aimed at cultivating off-season vegetables and the cash crops of cardamom, ginger and citrus in Sikkim is a pointer towards this. Under the CAR programme, a GPS/GPRS based vehicle tracking and control system implemented at Koyembedu Bus Terminus, Chennai has become a boon for the passengers, at the same time helping effective management of the bus fleet. Under Mission REACH, with the active support of industry, four new Centres of Relevance & Excellence (CORE) were set up, taking the strength of the TIFAC-COREs to 30. New design specific academic courses and E-learning initiatives have broadened the approaches for enhancing quality and reach of education. Interventions in the areas of bioproducts & bioprocesses and SME technology upgradation gained further momentum.

Looking to the future, we see continued progress in our role as a knowledge agency within the S&T system, contributing to enhanced foresight and new approaches and models for strengthening innovation and assessment-based interventions on technology.

Professor Anand Patwardhan

Executive Director



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1. Foresight and Assessment Activities

1.1 TIFAC Studies & Reports

In order to examine technology options before the country in a fast changing economic environment, both globally and domestically, TIFAC brings out a wide spectrum of reports that assess the status and needs of various sectors. The reports review the technology status in India vis-à-vis global trends and assess market as well as technology aspects. They provide valuable inputs to R&D institutions, government, financial institutions and academia. Many of these studies are undertaken in response to specific request or needs, in a demand driven manner. Others seek to capture the learning from different interventions undertaken by TIFAC to enrich the knowledge-base with regard to implementation and technology delivery issues.

Completed Studies

Techno Market Survey on Vaccines and Molecular Diagnostics

Consultant: BCIL, New Delhi

In a global scenario where development of vaccines and molecular diagnostics are gaining importance, a Techno Market Survey on 'Vaccines and Molecular Diagnostics' covering the status of development of vaccines and molecular diagnostics in India for six diseases/conditions namely malaria, tuberculosis, acquired immune deficiency syndrome (AIDS), cancer, cataract and glaucoma was taken up by TIFAC. The study has been successfully completed. The study reviews the Indian technological status vis-à-vis global developments and has identified gaps and the technological up-gradation/ new technology initiatives required. This study is especially important as these diseases have a very high pattern of morbidity among communicable and non-communicable diseases in the country.

Ongoing Studies:

Packaging Technology Study Series

Consultant: SIES School of Packaging, Navi Mumbai

A series of studies on packaging technologies are in process. These studies endeavour to develop a manual to highlight the current status of packaging in the five specific sectors in terms of packaging standards, technical requirements, consumption of packaging materials in India and developed countries, analyze the trends and needs and future potential in terms of domestic and export market. Materials, machinery and related aspects; export packaging requirements are also being covered. The analysis will cover the

packaging systems for short/medium/long shelf life as are relevant to the important product groups viz. pharmaceutical and personal care products; fresh and processed foods; non perishables; display and promotional packaging & chemicals.

Pesticide Encyclopaedia

Consultant: Dr Vasant Gowariker (Former Secretary to the DST) as the Chief Editor, with the organizational support of Jnana Prabodhini, Pune

Preparation of a Pesticide Encyclopaedia as a concise information source on all crop protection systems from sowing to harvesting to processing to consumption is in process. This document is being prepared as a sequel to the successfully prepared, and well received 'Fertilizer Encyclopaedia' which is presently under consideration for possible publication with international Publishers M/S John Wiley.

Impact Analysis of the Systems Approach Project in Agriculture

Consultant: Association of Social Engineering Research & Training (ASSERT)

This study for assessing the impact of the TIFAC interventions under the Umbrella Scheme of Vision 2020 in Paliganj area of Bihar was taken up in 2006. The implementing agency is Paliganj Vitharani Krishak Samiti. The report is under finalization.

New Studies Initiated

Optimum utilization for large-scale turmeric cultivation as a commercial crop in Mizoram

Consultant: Vimarsh Consultants, Gurgaon

The Government of Mizoram has embarked on a State-wide programme for large scale cultivation of turmeric to offset the adverse impact created by gregarious bamboo flowering and the associated rodent problem. To address this issue, the State Government had initiated a program promoting large-scale cultivation of turmeric. In order to develop the necessary support systems in the State for the post-harvest management and infrastructure, a study on 'Optimum utilization for large-scale turmeric cultivation as a commercial crop in Mizoram State' was initiated by TIFAC. The study is aimed to maximize returns to the farmers in the long run, by providing critical information to the planners regarding system requirements for a proper supply chain management of the expected level of produce.

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Series of studies on: Determinants and Impact of FDI in R&D Sector

TIFAC has initiated a series of follow-up studies to bring out the dynamics – the constraints and the enablers –, and the impacts of foreign direct investment (FDI) in the Indian R&D sector. The first set of studies is being commissioned with a view to bring out well researched reports, as scholarly outputs of policy significance. These are planned as multi-sectoral studies focused on regions of high concentrations and/or as sector specific studies in key sectors like pharmaceuticals, information technology, etc. The studies would address aspects like estimating value creation from FDI in R&D and the resulting spillovers. This study series is taken up as a follow-up to the earlier TIFAC study on 'FDI in The R&D Sector: Study for Pattern in 1998-2003', which was well received as an Indian landmark document in terms of much needed indicative assessments in this difficult terrain where information is scarce and not easily available.

Position Papers in the area of bioenergy, bioproducts and bioprocesses

As precursor to launching its Bioprocess & Bioproducts Programme, TIFAC had earlier commissioned preparation of comprehensive position papers in the thrust areas viz. Bio-ethanol, Bio-oil, Bio-Hydrogen, Bio-Chemicals/Specialty Chemicals and Industrial Enzymes by the domain experts inducted from NISST-Thiruvananthapuram, IIP-Dehradun, IITs, IMTECH-Chandigarh, NCL Pune and NIPER-Mohali. The position papers have been instrumental in detailed sectoral assessment and formulation of future strategies for the areas identified. These position papers were taken up for updating and peer reviews with a view to publishing them as specialized reports from TIFAC.

1. 2 Preparatory Work for the National Innovation Project (NIP)

TIFAC was entrusted by the Department of Science and Technology, the task of preparing the Detailed Project Report (DPR) for the World Bank funded National Innovation Project (NIP). NIP is to be designed-based on national and international best practices- to improve, expand and scale-up ongoing innovation lead initiatives as well as introduce some new initiatives for higher impact on growth and

poverty alleviation. Among other things, it also includes public policy action-areas and specific support programs to help strengthen innovation as a driver of productivity, sustained growth and poverty reduction in the Indian economy.

The DPR would consist of three major components:

Component – I: Strengthening innovation management & capacity-building: which would include interventions such as strengthening the IPR system, better use of diaspora networks and enhancing the absorptive capacity and technology infusion in SME's

Component – II: Providing support to SME's for research leading to new technology development: suitable adoption / adaptation of models such as the US SBIR program.

Component – III: Strengthening technology commercialization: interventions to support taking innovations to market, including those from grassroot/ rural innovators. This component would likely involve the creation of a new entity that would operate a fund of funds and support facilitation for technology up-scaling / commercialization.

Activities Undertaken

1. World Bank had extended the DIFID Support of US\$ 4,00,000/- for carrying out this activity.
2. Towards the activity for the above components, various consultants were identified. On the completion of the studies in the individual components, the inputs will be consolidated in the form of one DPR for implementing the NIP.
3. The following studies have been commissioned:
 - (i) 'MSMEs – Innovation and Technology Absorption' by Foundation for MSME Cluster, New Delhi
 - (ii) 'Intellectual Property Rights systems' by Dr. R.R. Hirwani, URDIP, Pune
 - (iii) 'Accessing Global Knowledge' by Dr. Yevgeny Kuznetsov, World Bank
 - (iv) 'Experiences of SBIR Types Schemes in select Asian countries' by Prof. K. Narayanan, IIT-Bombay



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- (v) 'Strengthening Technology Commercialization' by Dr. Melvin Goldman, Cornell University, USA

Besides two concept notes one on 'Structure and Operation of Incubation Fund' by SINE-IIT Bombay and another on 'Possible business models for firms that would provide facilitation and intermediation services covering possible financial and structural support required' by Shri.Pankaj Khandelwal, Inl Consultants, Mumbai, were also initiated.

4. TIFAC also organized inception workshops and review meetings in order to broaden the preparatory activity base and elicit views of different stakeholders. These were helpful to the consultants to make the study comprehensive.

1.3 The Study Group on Himalayan Glaciers

Under the Chairmanship of Executive Director, TIFAC, a Study Group on Himalayan Glaciers was constituted by the Principal Scientific Advisor (PSA) to the Government of India. The study group is mandated to gather all the relevant data related to Himalayan Glaciers, its interpolation and to create a mechanism for its sharing with all the stakeholders' organizations in the country. The group met twice in the year and reviewed data collected from different stakeholder organizations and initiated the preparation of an assessment report.

1.4 TIFAC Information Services

Websites

TIFAC Website provides useful information of different programmes. TIFAC operates a core website and also websites for individual programmes. These are

- TIFAC Website (<http://www.tifac.org.in>)
- Mission REACH (<http://www.missionreach.org.in>)
- Patent Facilitating Centre (PFC) (<http://www.indianpatents.org.in>)

TIFAC website was accessed by an average of five lakhs users monthly and had a high of 10 lakhs users one of the months. More than 1500 queries pertaining to various technology areas received through the web mail were serviced. The executive summaries of more than 120 TIFAC reports were made available on-line through the website. The executive summaries of more than 120 TIFAC reports were made available online through the TIFAC website. A project for revamping the TIFAC websites, making it user friendly, easily navigable with query driven searches technology databases is ongoing. Online access to Ekaswa A, Ekaswa B and Ekaswa C databases was continued to be provided through the PFC website. Patent related queries were also received through the website and serviced. Information about 30 TIFAC COREs have been provided in the Mission REACH website. The website had received an average of 1.5 lakhs hits monthly.

2. Innovation Support Programmes

2.1 Patent Facilitating Centre (PFC)

PFC undertakes a number of activities related to awareness creation, capacity building and provide support to academic and research organizations for patenting.

Facilitation of IP Protection

PFC has been facilitating protection of IP generated at the Indian universities, educational institutions and schools both in India and abroad. During the period, PFC considered 56 fresh proposals from various universities, educational institutions and government agencies for seeking patent and other IP protection in India. Besides, 13 proposals were considered for possible patent protection in foreign countries. Out of these, decision was taken to file 35 patent applications in India, six Patent Cooperation Treaty (PCT) applications, two patent filings in the US, three design registrations and one copyright application. PFC filed 108 patent applications, including 65 filings on behalf of DRDO and 43 on behalf of academic institutes. These 108 filings included three PCT applications and two US patent applications. Three design and two copyright applications were also filed. A total of 14 patents were granted during this period, including one each in US and Europe. Three designs and three copyrights were registered. Two patent applications in US and one each in Korea, Brazil, Japan and European Patent Office were filed as National Phase entry of the two PCT applications filed earlier.

State Level Capacity Building

PFC has continued its support to 19 Patent Information Centres in 19 States. Muga Silk of Assam has been registered as a geographical indication with the initiative of PFC and PIC, Assam. GI registration applications were filed in respect of Malda mangoes and Chamba Rumal by PIC West Bengal and Himachal Pradesh respectively. IPR has been incorporated in syllabus of polytechnics through the efforts of PIC, Lucknow in the state. Many state governments have provided

Projects Completed

The following four projects were completed during the year:

S. No.	Project Title	Innovator
1	Low cost green house structure	Dr. Sanjay Sridhar Lakade, Aurangabad
2	Solar water heater with fused tube lights	Sh. S.B. Janakiraman, Vellore
3	Lift operating on potential energy	Sh. Ahindra Chandra Chowdhury, Kolkata
4	Additive for petrol and diesel	Sh. Dinesh G. Bhutada, Nagpur

budget for IPR activities due to efforts of respective PICs. Basic material on IPR is now available in English, Hindi, Bengali, Punjabi, Kannada, Malayalam, Nepali and Gujarati.

Awareness Creation

While continuing with its effort of creating awareness about IPR, PFC has organized 25 patent/ IPR awareness workshops including one in Srinagar and sensitized more than 3000 scientists, technologists and policy makers through these workshops. Two issues of IPR bulletin were brought out.

Other Activities

The final updates of Ekaswa A and Ekaswa B, covering data up to December, 2004 was brought out during the period. These databases provide searchable patent information on patents filed and accepted in India. A third database 'Ekaswa C' on Indian Patent Applications published in the Official Journal of Patent Office during 2005-2006 was also brought out. All these databases are now available online free of cost.

The third batch of 37 women scientists was selected by the process of all India level examination followed by interview. The selected candidates underwent a month long orientation programme held in New Delhi, through which they were exposed to different fields of IPR by the most prestigious IPR faculty of the country. All the candidates underwent training in attorney firms, government agencies and industry partners.

2.2 Technopreneur Promotion Programme (TePP)

The Technopreneur Promotion Programme (TePP) is a joint initiative of the Department of Scientific & Industrial Research (DSIR) and TIFAC. The following section gives an update of activities of the programme during the year:



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Ongoing Projects

The ongoing projects were pursued towards completion and the list of 12 projects is given below:

S. No.	Project Title	Innovator
1	Improved grinding machine for paste and powder making in wet and dry condition of soft material	Sh. Natarajan Rayar, Pelambaur
2	Development of process technology for production of photographic films	Sh. Aman Agarwal, Ambala
3	Autonomous Mini UAV for aerial surveillance	Sh. Nimish Sharma, Kanpur
4	Improved Escalator	Mrs. Anshu Srivastava, New Delhi
5	Scientific Experimentation of homoeo plant nutrients & plant protectors	Sh. G. Srirama Chandra Murthy, Srikakulam, A.P
6	Single degree of freedom rate table	Sh. Brahm Dutta Awasthi, Kanpur
7	Synthesis of laser grade Rhodamine – 6G dye	Dr. Murzban Jamshed Karai, Mumbai
8	Production of organic manure and methane gas	Sh. R. Selveraj, Coimbatore
9	Designing of a low cost yogurt making equipment	Dr. R. Palani Dorai, Chennai
10	Human powered mobile charger	Sh. Ankit Mehta, Mumbai
11	Sketching device for visually challenged person	Mrs. Pragnya Dilip Bhatt, Ahmedabad
12	Trolley with jack for the disabled persons	Sh. Sameer Mohindra, New Delhi

Projects Initiated

A brief about the thirteen projects launched during the year is as given below:

S. No.	Project Title	Innovator	Location	Objectives
1	Novel internal combustion engine	Dr. G.N. Prasanna	Bangalore	The project proposes to embed permanent magnets in engine in such a manner that during power stroke like poles face each other and in compression stroke, unlike poles face each other. Thus, energy stored in power stroke shall be released in compression stroke
2	All purpose cleaning	Sh. T.A. Ananthu	Bangalore	In this machine the vacuum motor is being used for all functions of cleaning like raw dust removal, dirt shampoo removal and can also be used as a dryer and spray of pesticides.
3	Additive for petrol / diesel	Sh. Dinesh G. Bhutada	Katol	Testing of samples of fuel additives formulated by innovator at IIP Dehradun for Octane and Cetane Number (RON/MOM)

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4	Solar water heater with fused tube lights	Sh. S.B. Jankiraman	Vellore	Design and development of a solar water heater using waste and fused tube lights.
5	Fungal biosorbent for removal of water hardness	Dr. P. Maruthi Mohan	Hyderabad	Screening for cheaper sources of fungal biosorbents, water treatment procedures, design and regenerative procedures.
6	Design of novel model loom for carpet weaving/ tuft carpet	Sh. Vijay Shankar Pathak	Bhadohi	To develop quality tufted carpets by using modern technique for carpet weaving.
7	Development of commercial prototype of plant oil stove	Sh. Santi Bhai Patel	Ahmedabad	Development of an oil stove prototype which will work with plant oils like Jatropa, Pongamia etc. Energy from solar powered battery will be used to heat and vaporize oil.
8	Development of thermal conductivity measuring apparatus	Sh. S.N. Mallik	Kolkatta	Innovation is based on divided bar technique. Thermal conductivity of solid specimens can be measured with enhanced accuracy.
9	New process of pelleting poultry feed in mini plants	Sh. Shaikh Yunus Addul Rajjak	Satara	The project is to develop a mini plant producing poultry pallet feed. It would be low budget plant without any compromise on feed quality.
10	Re-configurable Autonomous Air Vehicle	Dr. M. Sinha	Kharagpur	Design and develop a prototype of an autonomous re-configurable air vehicle
11	RESQ- Eye	Sh. Pravendra Kumar Rao	Lucknow	The instrument aims to locate victims under collapsed buildings during natural disasters. Instrument can communicate with victims if he/she is trapped. It has telescopic pipes approx. 3 meters long fitted with moveable camera. There is provision for 2-way communication between operator and victim.
12	Whole stalk paddy thresher	Sh. Mahipal Singh Rana	Surat	The project will use a simple conveyor system to feed paddy stalks to a threshing rotary cutter that hits only part of the stalk where the paddy grain is located. Threshed paddy that falls due to gravity and is further winnowed by a fan to separate grains from husk in one cycle of operation
13	Development of pulse thresher	Sh Gopal Bhai Surtia	Baroda	Prototype would be a manually operated unit mounted on a specially designed iron cot. It comprised 2 hollow iron pipes secured on the main shaft, both the shafts connected each other through a linkage. When handle is pushed/pulled, beating action is achieved which is used to thresh the pulses put on iron cot.

Programme Impact and Achievements

The highlights of some of the projects completed during the year are briefed below:

S. No.	Project Title	Remarks
1.	Low cost green house structure 	The project executed by Shri Sanjay Shridhar Lakade. is tested for wind load of 140 km/hr. The area of greenhouse is 4500 sq feet (422 Sq.m.) The central height of greenhouse is 7 m and there is a top vent of one-meter height and 1.7 m diameter at the top center of greenhouse. The cost of the Low cost Greenhouse Structure developed is around 30 % less than the conventional greenhouse.
2.	Solar water heater with fused tube lights 	This solar heater developed by Shri S B Janakiraman of Vellore. made use discarded fused tube lights and other waste materials. It has a tank capacity of 100 litres to 200 litres. A temperature of about 60-65 °C is achievable within 3 hours, if the initial ambient temperature is about 30 °C. As it makes use of discarded fused tube lights, this solar water heater provides cheaper water heating options for households, hostels, small offices, workshops, hospital rooms etc.

TePP Outreach Centres (TUCs) – Expanding the reach of TePP

It has been a TIFAC endeavour to reach out to more and more innovators across the country. TePP Outreach Centres (TUCs) have been providing this link at different parts of the country. The innovators are also being provided support for proposal formulation and mentoring at local level through these TUCs.

Three more TUCs, one each at Udaipur, Silchar and Roorkee, were set up during the year. The list of TUCs supported by TIFAC is given below:

1) Central Glass and Ceramic Research Institute (CGCRI), Kolkata

2) Indian Institute of Technology, Kanpur

3) Banaras Hindu University (BHU), Varanasi

4) Vellore Institute of Technology-Technology Business Incubation Centre (VIT-TBI), Vellore

5) PSG-Science & Technology Entrepreneurial Park, PSG College of Technology, Coimbatore

6) College of Technology and Engineering, Udaipur

7) National Institute of Technology, Silchar

8) Indian Institute of Technology (IIT)-Roorkee

3. Technology Development Programmes

Over the years, TIFAC has executed a number of Technology Missions in key sectors such as the Advanced Composites Mission, Fly Ash Mission, Home Grown Technologies and the Sugar Technology Mission (STM). Subsequently, some of these missions were pursued as structured programmes. In 2007-08, the Fly Ash Utilization Programme (FAUP), which was created as an offshoot of the Fly Ash Mission, was transferred to the Department of Science and Technology for further implementation. The TIFAC Governing Council, while reviewing the STM activities, noted the achievements and contributions made by STM and determined that given the status of the sector, the nature and support of technology interventions has changed and perhaps a mission mode activity is not required for this purpose. Accordingly, steps are being taken towards appropriate successor arrangements to the STM. During the year, the Advanced Composites Programme was continued as a major technology development programme.

3.1 Advanced Composites Programme (ACP)

The Advanced Composites Programme has been a remarkable exercise in technology development. The programme activities have created a significant and measurable impact on composite technology innovations and their applications through forging intensive linkages between academic institutions, national laboratories and industry partners. The programme has directed a whole lot of efforts on knowledge dissemination and creating user awareness in terms of improved properties, reduced weight, easy maintainability, longer life, higher efficiency etc. for the composite products. The programme has widely demonstrated the usage of composites in sectors like transportation, bio-medical, building & construction etc.

The Advanced Composites Programme has worked closely with micro, small & medium enterprises (MSMEs), developing composite products & processes on-site, with support from centres of excellence, leading technology institutions and CSIR laboratories. The specific support extended has been in terms of design, material selection, process optimization, equipment specifications & procurement, prototype development and product testing towards user acceptance. Attractive financial packages, technological risk sharing, market related interventions, strong programme management and knowledge-based project monitoring by experts

have been important factors enabling the programme achieve its stipulated objectives. While promoting new applications development towards commercialization, the programme is now poised to focus on certain applied research inputs especially in design aspects, fabrication techniques and testing methodologies.

Programme Achievements

The Programme has launched 45 projects so far and the products that are developed with upgraded technology are successful in replacing some of the imported ones with better efficiency and enhanced life. The programme also facilitated skill development and enhancement for the industry personnel. A total of 35 projects were successfully completed since the inception.

Projects Completed

Study on Composite Products & Applications – A Technology Linked Business Opportunity

A detailed study on composite products & applications with focus on technology linked business opportunities was taken up in partnership with M/s. CP Consultants Pvt. Ltd., New Delhi. The study covered composite applications in railways, automobiles, oil & gas, wind power, building & construction, marine/ship building, natural fibre and thermoplastic composites, carbon composites etc. The study also addressed business opportunities for Indian composites industry including the international trends prevailing in China, Japan, Taiwan, Korea, and other Middle East countries.

Composites Interiors for Passenger Coaches in Railways

The project, launched with M/s. Century Polymers, Vadodara & IIT-Bombay, focused on design & development of composite interiors for an AC-III tier coach for retro-fitment. The space for electrical & AC-panels, lighting, pantry, attendant space and reading lights, switches, fans, bottle holders, tables, mirror etc were addressed in the composite coach interiors. Modular composite partition panels with integrated berths were designed. For the side lower berth, the new design with three blocks arrangement was developed. On approval of the prototype by the Indian Railways, a passenger coach would be refurbished and subjected to field trials for six months.



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Ongoing Projects

Sl. No.	Project Title	Partners
1.	Composite Bamboo Laminates & Accessories (Phase II)	Emmbee Forest Products Pvt. Ltd., Manabari
2.	Composite Bracket Assembly for Overhead Railway Electric Traction	Permali Wallace Ltd., Bhopal
3.	Composite Applications Laboratory	IIT, Kharagpur
4.	Composite High Speed Boats	Valeth High Tech Composites Pvt. Ltd., Kelambakkam
5.	Development of Multi-Purpose Modular Housing System	IDC/IIT-Bombay
6.	Development of filament wound composite road tankers	Modern Engineering Plastics Pvt. Ltd. (MEPPL), Mettur, Tamil Nadu
7.	Development of filament wound venturi scrubber	Fibro Plastichem Pvt. Ltd., Kolkata
8.	Filament Wound Pipes and Pipe-Fittings	M/s. EPP Composites Pvt. Ltd., Metoda (Dist. Rajkot)

Highlights of some Ongoing Projects

Composite Bamboo Laminates & Accessories (Phase II)

Towards establishing an integrated and line-balanced production line at Emmbee Forest Products Pvt. Ltd., Kolkata, the Phase-II of the project was launched in April 2005. Under this project, most of the bamboo pole and process waste generated during primary & secondary processing are being utilized to produce bamboo flat boards and particle boards.

Composite Applications Laboratory (CAL)

The Composite Applications Laboratory (CAL), set up at the Dept. of Chemical Engineering/IIT-Kharagpur, was conceptualized as an industry focused and industry oriented centre of excellence. Fabrication systems facilities such as 6-axes filament winding system, vacuum assisted resin transfer moulding (VARTM), compression moulding system etc., were setup for the purpose. A course on 'manufacturing & characterization of polymer matrix composites' is being offered to final year B. Tech & first year M. Tech students in the Spring Semester (commencing in January each year). Three workshops on 'composites technology', RTM technology and 'filament winding technology' were organized by IIT with good participation by the representatives from industry and user agencies. The laboratory was formally inaugurated on February 15, 2008 by Dr. R Chidambaram, Principal Scientific Adviser to Govt. of India & Chairman-TIFAC.

Composite Bracket Assembly for Overhead Railway Electric Traction

The project launched in partnership with M/s. Permali Wallace Pvt. Ltd., Bhopal aims at design and development of composite bracket assembly for overhead electric traction line as substitute to GI structure for Indian Railways. The samples made by using the resin system suitable for outdoor applications had successfully passed in-plane tracking and erosion test at 3.5 KVA for 6 hrs as per the requirement by Indian Railways. The specifications for fully insulated composite bracket assembly including the length of bracket tube, stay tube, resistor arm were finalized by RDSO, Lucknow. Fabrication of the mould is underway.

High Speed Composite Boats

The project on development of high-speed composite boats was launched in collaboration with M/s. Valeth High Tech Composites Pvt. Ltd., Kelambakkam near Chennai. The project scope included development of composite high-speed boat complete with hull, superstructure and navigational aids. A 20 knots speedboat of 15-16 m length was developed against an order for the fabrication and supply of four nos. high-speed boats. One such boat was shipped to Mumbai for its actual use/field trials.

Development of Multi-Purpose Modular Housing System

The project was launched with Industrial Design Centre (IDC), IIT-Bombay. The project targets to design and develop prototype

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modular housing system in composite materials. IDC has developed scaled down models for site offices, anganwadis for remote villages and temporary housing for tourism. IDC has also designed and developed frangible cabins/structures for housing navigational equipment to be installed close to runway for the airports. IDC had developed very special joints for the frangible structures based on epoxy resin laminates for the panels without any metal inserts. The technology for the aforesaid cabins was transferred to one of the industry partners.

Development of Filament Wound Composite Road Tankers

The project was launched in partnership with M/s. Modern Engineering Plastics Pvt. Ltd. (MEPPL), Mettur, Tamil Nadu. Horizontally mountable composite road tankers of 14.5 KL capacity, each measuring 6.50 m long x 2.10 m wide, with elliptical cross-sections were developed under the project to substitute the steel/rubber lined road tankers for transportation of corrosive

chemicals. The composite tanker would constitute of an inner thermoplastic liner and a structural layer made of filament wound composite.

Development of Filament Wound Venturi Scrubber

Filament wound venturi scrubber is being designed & developed by M/s. Fibro Plasticchem Pvt. Ltd., Kolkata. These are important pollution control equipment for collection of acid mist and fine particulates. The new process of fabrication would help in optimizing material usage. These items are being designed as per ASTM and BS standards.

Filament Wound Composite Pipes and Pipe-Fittings

High-pressure filament wound pipes & pipe-fittings are being developed by M/s. EPP Composites Pvt. Ltd., Metoda near Rajkot for oil and gas sector as per the international standards (viz. API). The necessary production and laboratory facilities were commissioned.



4. Umbrella Scheme on Technology Vision 2020 Projects in Mission Mode (TV2020)

In order to realize the recommendations of Technology Vision 2020, sector-wise technology forecasting studies earlier completed by TIFAC, a Mission mode programme was launched in 2003, as an Umbrella Scheme for the technology demonstration and their replication in key sectors/areas. Under this programme support is being provided for technology development at various stages, technology demonstration at pilot scale including targeted human resource development and institutional capacity building practices. While continuing the efforts made agriculture, emerging areas such as bioproducts and bioprocesses and automotive research were given attention under the programme during the year.

4.1 Agriculture

4.1.1 Agriculture and Fisheries

TIFAC has been pursuing development of the agricultural sector with vigour, as the sector is the livelihood of almost two thirds of the work force in the country. For achieving growth of food-grain production, projects for enhancing availability of inputs needed for higher yields, including better seeds, quality fertilizers, improved irrigation, and training of farmers, were focused. As the non-traditional cash crops, including medicinal and aromatic plants, vegetables and organic farm produce are gradually gaining importance, steps were also taken to ensure increase in farmers' income through promotion of these remunerative crops.

Completed Projects

Technology demonstration for higher income generation for the farmers of Sikkim

Implementing Agencies : G B Pant Institute for Himalayan Environment and Development (GBPIHED), Sikkim Unit, IARI Kalimpong and Advanced Center for Plant Virology (ACPV), ICAR

The project was initiated in 2003 and has the objectives of:

- Cultivation of off season vegetables and their seed production in protected condition.
- Demonstration of disease free cultivation of large cardamom, ginger, citrus.
- Development of molecular diagnostics of viral diseases (chirke & foorkey)

While the demonstration part for higher income generation for the farmers was implemented by GBPIHED, the IARI focused on production of disease-free planting materials of large cardamom as well as citrus and ACPV was entrusted to develop of molecular diagnostics of viruses affecting large cardamom. Field level

implementation of the project activities was carried out in the three villages of Tarku, Chamgaon and Central Pandam. IARI, Kalimpong Center, besides producing disease-free planting materials, imparted training to farmers on different aspects of the cultivation. Other interventions included construction of poly houses, demonstration of poly pond technology for water harvesting, demonstration of bio-composting technology and village level trainings. The cumulative impact of the interventions is given below:

- Average annual income from poly-house was found to be upto Rs.7000/-.
- Pond water extensively for irrigation, 55 times on an average in the summer season.
- Improved cultivation technology has helped in increasing the production of ginger by 4 times.
- The two year old disease-free large cardamom and citrus crops showed good growth
- Feasibility of growing different fruits was tested in Chamgaon. About 150 different fruits plants, including peach, plum, pear, passion fruit and banana, were planted. Amongst these, pear had the least mortality while passion fruit showed the maximum mortality.
- Pre emergence diagnostics (ELISA based) technique for detection of chirke virus and nucleic acid based technique for detection of foorkey virus have been developed by ACPV, ICAR.

Ongoing Projects

Improved Seed Production and Multiplication

Implementing Agency : Paliganj Vitarni Krishak Samiti, Paliganj

Location: Paliganj, Patna

TIFAC intervention in Paliganj in last few years resulted in increasing productivity of paddy and wheat by about two times, besides pulses as well. Good quality seeds played a big role in this endeavour. Other agricultural inputs were made available to farmers through formation of Kisan Seva Kendra. This project was initiated in 2006 to make the quality seeds available to farmers. The project is aimed to produce certified seed at farmer level along with facilitating availability of agro-inputs and to provide timely advisory services through creation of seed grower's co-operative and Kisan Seva Kendra. Extensive training through 26 camps was provided to the farmers on improved cultivation practices, seed production and plant protection, followed by the necessary follow-up. The camps benefited 920 farmers from 104 villages. Details of seeds produced/distributed are as below:

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Seed distribution amongst farmers:

Crop	Seed distributed (Tons)	No. of farmers	No. of Villages covered
Paddy	17.67	521	147
Wheat	12.80	287	125
Lentil	0.30	26	22

Seed Production by farmers:

Crop	No. of Seed Growers	Area (ha.)	Seed produced (Tonnes)
Paddy	10	11.5	60
	259 (for own use by farmers)	14.5	62
Wheat	8	2.6	Under threshing
	141 (for own use by farmers)	11.5	

The Kisan Sewa Kendra ensured availability of quality fertilizers and chemicals and equipment like sprayers and zero till machines to 102 farmers. A Krishi Prasar Mela held attracted 5000 farmers.

Demonstration of System Approach in Selected Low Productivity Regions of UP

Implementing Agency : Bhanu Foundation Research and Development Society (BFRDS), Deoria

Location: Deoria, Deoria Dist., Eastern Uttar Pradesh

TIFAC had earlier implemented a project in Deoria district on improvement of productivity of paddy and wheat through system approach. Use of good quality seeds and other agro-inputs along with improved agronomic practices, productivity of paddy and wheat was doubled. As a logical step, TIFAC supported a project on focus improving seed production of rice and wheat by farmers in the year 2006-07.

During this year, training camps were held before each cropping season. In one such camp, training on paddy seed production was imparted to about 60 seed growers in the village of Garer by scientists from Krishi Gyan Kendra, Deoria. Similarly, two training

camps on wheat seed production were organized at village Garer and Ranighat and the trainings were attended by about 50 seed growers. IARI scientists were the faculty for the training. 23 farmers from 7 villages produced 160 tons of paddy from 79 acres during the year, while the wheat crop was cultivated in 90 acres area for seed production by 25 farmers from 10 villages.



Wheat crop at Deoria



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Promotion of Medicinal and Aromatic plants

Implementing Agency: Grameen Vikas Pratisthan (GVP)

Location: Paliganj, Patna

The objective is to promote sustainable crop diversification system as an enterprise through commercial crop cultivation, processing and marketing. Nine training programmes on improved cultivation practices of aromatic plants and six awareness building camps were organized, benefiting 600 farmers from 66 villages. Good quality planting material was procured and distributed to farmers. Farmers and project staff underwent a 4-day institutional training at CIMAP Centre, Jodhpur. Around 2.8 lakh slips of lemon grass were procured for plantation in 18 acres by 17 farmers in 16 villages. The slips were provided to farmers only in the first year, with the farmers themselves procuring these subsequently. Seventy quintals of mentha were planted in 26 acres area of 28 farmers. The distillation plants set up in the project site last year produced about 622 kg of aromatic oil worth Rs.2.7 lakhs.

Demonstration of Agriculture Diversification through Aromatic Plant Cultivation

Implementing Agency : Bhanu Foundation Research and Development Society (BFRDS), Deoria

Location: Deoria, Eastern Utter Pradesh

The project was started in 2006 with the objective of promoting aromatic plant cultivation as crop diversification activity in the blocks of Bhaluani and Deoria of Deoria district. Training is an important

component of the project. Six trainings camps on aromatic plant cultivation, processing and marketing were organized in the blocks, which were attended by about 250 farmers. Scientists from NDU&T imparted the required training. Project staff underwent a 4-days extensive training at CIMAP, Lucknow. During the year, Lemongrass and Palmarosa have been taken up in 10 acres and 2 acres respectively. At a Kisan Mela was organized in Bhaluani block, attended by 500 farmers, queries on different aspects of aromatic plant was responded by a group of scientist experts. One distillation plant of capacity one ton was installed in March 2008 which encouraged other farmers to take up aromatic plant cultivation in larger areas.

Agricultural diversification to enhance productivity of acidic upland of eastern India

Implementing Agencies : Water Technology Center for Eastern Region (WTCER), Bhubaneswar and Social Reconstruction and Economic Empowerment (SREE), Balasore

Location: Remuna (Balasore district) and Barasahi (Mayurbhanj district) blocks, Orissa.

In eastern India, about 16% (4.3 million-hectare) of total rice cultivated area is under rain-fed upland terrain, where productivity is less than one ton/hectare. The productivity is further limited by erratic rainfall, low water holding capacity of soil, its acidic nature and nutrient deficiency. Ameliorating acid soils with liming, in-situ rainwater management and crop diversification for replacing with less water requiring crops such were looked into as the best options



Distillation Unit at Deoria



Groundnut crop with out Paper mill sludge

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Groundnut crop with Paper mill sludge

to enhance productivity of the area. Towards this, a project was initiated at Rautarapur village of Durgadevi Panchayat, Balasore district and Bhimda village, Mayurbhanj district, Orissa in 2006. Soil analysis revealed the soil to be strong to moderately acidic. The soil was therefore ameliorated with locally available liming materials, the paper sludge of local Emammi Paper Mill Factory at Balasore located at about 25 km away from the project site.

In Kharif 2007, groundnut and maize were grown at Bhimda village and Rautarapur village, covering eight and two acres respectively. Six acres of rice was also cultivated in two villages with paper mill sludge and scientific package of practices and compared with the control. The productivity of groundnut increased in sludge applied plot by about two times (4.9-7.2 q/ha to 9.5-12.7q/ha) as compared to control plots. In case of paddy 30-40% increase in yield was recorded in sludge applied plot. Locally available paper mill sludge not only raised agricultural production in the sites but also reduced environmental pollution in the surrounding area of the factory.

Enhancing productivity of deep water Rice area

Implementing Agencies : Water Technology Center for Eastern Region (WTCER), Bhubaneswar and Association for Integrated Development (AID), Bhubaneswar

Location: Puri Sadar and Satyabadi blocks (Puri District), Orissa

In eastern India, about 3.4 million hectares area is under deep or very deep-water rice ecosystem, where normal lowland rice varieties fail to grow successfully. Prolonged water logging for most part of the crop growth reduces tilling and normal growth of the rice crop, sometimes flash flood inundates standing crop for 8-10 days at a

stretch, resulting in mortality. To overcome the problems associated with the deep water area, this project was taken up with the objective of cultivating a specific paddy variety 'Hangseswari' adapted to deep water conditions. Further, steps were taken to conserve the excess water for its utilization in winter season.

Three villages of Alisa, Churali and Talajanga of Puri district were taken as representing deep waterlogged ecosystem. Demonstration of Hangseswari variety was taken up in a 12 hectares area belonging to 34 farmers during kharif 2007. The intervention revealed that improved paddy variety 'Hangseswari' performed well and produced upto 2.4 ton/ha grain yield as compared to local variety 'Bankei' with less than 1 ton/ha productivity. By introducing pond based farming and cultivation of rabi crops during dry season, the productivity of waterlogged area was stabilized and enhanced. Six ponds of varying sizes were constructed. Average return obtained by farmers was in the range of Rs.18, 000. To grow second crops during dry season, four shallow tube wells were also installed in study sites.

Projects Initiated

On farm demonstration, popularization and commercialization & processing of mentha

Implementing Agency: Narendradeva Institute for Development of Agriculture and Rural Upliftment (NIDAR), Lucknow

Location: Masouli and Harakh blocks of Barabanki district

The project aims at on farm demonstration of latest mentha varieties with appropriate agronomic package of practices of selected farmers of Barabanki district; training of selected farmers with latest menthe technology including extraction and processing of mentha oil; promoting Mentha farmers to take Mentha Seed Production so that district may be identified as Important district to supply quality seed of Mehta at National Level; and to sustain the benefits of the project through formation of society of mentha farmers of Barabanki district. Direct transplantation of mentha suckers was taken up by 41 farmers from 10 villages of two blocks covering 10 acres area. In addition, 60 farmers set up nurseries to raise mentha in an area of about 100 acres.

Quality mode production in rice-wheat cropping system through farmers' interest groups

Implementing Agency : Banaras Hindu University, Varanasi

Location: Four blocks (Kashi Vidyapith, Baragaon, Pindra and Araziline) of Varanasi district



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The project started was with the following objectives of popularizing rice-wheat farming system through conservation tillage and producing safe product for wholesome consumption. Analytical instruments were procured by BHU. Selection of project staff is under process. Interactions with farmers were started and few farmers were selected for demonstration of agronomic practices to produce safe product for wholesome consumption.

Strengthening livelihoods of small and marginal farmers in organic farming

Implementing Agency : M S Swaminathan Research Foundation (MSSRF), Chennai

Location: Lower Palani Hills, Dindigul Distt. Tamil Nadu

This project has the objective of improving the productivity and quality of the crops like coffee, pepper, banana and citrus, grown under organic farming through sustainable nutrient, pest management practices and other improved technologies. The target is to cover about 110 farmer households with a total area of 220 hectares. During the period, pest management techniques were demonstrated in selected model farms of one hectare size in each of the site areas. 10 training programmes were organized through field demonstration in three villages and these trainings are being carried out in Farmers Field School approach mode. Pest specific integrated pest management practices evolved by MSSRF are being demonstrated to farmers. Follow-up is done so that these techniques can be practiced in field by farmers. Pruning, removal of weeds and alternate hosts, setting up light traps, regular application of neem cake, Trichoderma, Pseudomonas and timely spray of locally available botanicals are being demonstrated. Similarly, for the nutrient management, soil-test based nutrient requirement details were prepared for individual fields and appropriate practices and applications have been resorted. Compost pits have been established in each of the farmers' field for effective recycling & application of organic compost along with biofertilizers to enrich the soil nutrient status. Need based forward linkages are underway with the marketing agencies for the organic products after certification.

Primary Processing and Packaging of Certified Organic Vegetables in Shimla

Implementing Agency: MR Morarka – GDC Foundation, Jaipur

Location: Theog, Rampur, Mashobra and Choupal blocks of Shimla Distt. Himachal Pradesh

The objectives of the project are to motivate and register farmers for

organic vegetable cultivation and primary processing, minimize post harvest losses; to pass on benefit of value addition to farmers, procurement and processing of fresh vegetables; to register and certify for organic standards for cultivation and processing operation; and to facilitate marketing of processed vegetables to ensure better return to farmers. After surveying 202 villages, 631 farmers were selected from a total of 927 farmers growing fruits and vegetable crops in the areas. A series of farmer meetings were conducted in different villages to make the farmers aware of benefits of processing and packaging of vegetables. An ideal place was identified for establishing a primary processing-cum-training centre. The equipment for processing is being procured.

Support to training, employment and income generation programmes for farmers and rural women processing and value addition of Agricultural produce.

Implementing Agency : Citizens Association for Rural Development (CARD), Berhampur, Ganjam Distt. Orissa.

Location: Two blocks (Rangeilunda and Kukudakhandi) in Ganjam District, Orissa,

The project aims to provide support and training for semi-mechanised groundnut processing and pulse milling at two blocks of Rangeilunda and Kukudakhandi in Ganjam District, Orissa, targeting 190 women SHG's and farmers. The processing includes both manual/mechanical decortications and oil extraction from pods. Pulse processing includes de-husking, splitting, polishing and packaging. CARD will facilitate marketing of the products through local channels at Ganjam district. Farmers were sensitized regarding the benefits of groundnut and pulses cultivation and their processing. About 195 farmers have been identified for cultivating Moong/Groundnut in 231 acres for processing activity. Procurement of processing machinery/equipments is on.

Fisheries Sector

Ongoing Projects

Processing and export of loin & steak of yellow fin tuna

Implementing Agency: M/s. Aswin Associates, Cochin

The project aims at producing loins & steaks from yellow fin tuna and

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exporting the same. The plant is equipped with 3 ton/day trolley freezer and 15 tons/day cold storage to handle raw material of about 3-4 tons/day. Cartons for frozen loins & steaks would be transferred to containers and further exported to various destinations in European Union & USA. The anticipated benefits include value addition of whole tuna (from US\$1.1/kg to US\$5.00/kg), production of loins (1350kgs/day) & steaks (223tons/yr), and providing direct employment for about 50 persons.

Value addition of low value marine pelagic fishes

Implementing agency: Rural Organization for Social Action (ROSA)
Location: Three coastal fishing villages in Nagapatinam District, Tamil Nadu

The project implemented in technical collaboration with Fisheries College and Research Institute, Thoothukudi aims at training of women fisher-folk and technology transfer for production and marketing of value added products from low value marine pelagic fishes. Anticipated benefits include increase in income, production of value added products, reduction in post-harvest losses, training of women fisher-folk for hygienic handling of fishes and production of quality value added fish products.

4.1.2 Agro Food Processing Sector

4.1.2.1 Milk Sector

Ongoing Projects

A project on Clean Milk Production in West Bengal

Implementing Agency: West Bengal Co-operative Milk Producers' Federation, Kolkata

Location: 24 Parganas (North) District, West Bengal.

The project is implemented in 9 milk societies involving 900 farmers and is expected to be completely functional at Ichhamati Milk Union shortly.

Integrated Clean Milk Production network at village level for manufacturing value added products

Implementing agency: M/s. Milan Dairy Foods Private Limited, New Delhi

Location: in Bulandshahr and Ghaziabad Districts of Uttar Pradesh

The project aims at production of clean and quality milk at village level and production of paneer and whey drink. Demonstration of using biogas, for dairy and allied activities is also envisaged in the project. A 2 TPD power plant using cow dung and other organic waste has been established at the Model Village of Bharna. The Biogas and the power outputs would be 110-m³/day and 15kW for 12 hrs, respectively. The power from the biogas plant will be utilized for operating the milking machine, the 2,000 litre capacity bulk milk cooler and the automatic milk collection unit.

Out of the total planned 26 projects sites to be covered under the project, so far 15 project sites have been equipped with Bulk Milk Coolers (BMC) of 1000 litre capacity each, along with Automatic Milk Collection Units (AMCUs). Commissioning of biogas plant is complete at the Model Village-Bharna, where production of biogas is being stabilized. The unique model being attempted here is that all facilities, equipment and allied activities will be run on biogas.



Bio-gas Plant at Model Village(Bharna)



Milk Collection at Bharna

Trial formulations of "Acido-Whey Drink" are under finalization with technology from National Dairy Research Institute (NDRI), Karnal. The Drink is rich in proteins and vitamins with increased bioavailability of vitamins and can prevent gastro-intestinal disorders. Process improvements and test marketing are under-way in and around New Delhi at various outlets of Milan Dairy.

The anticipated benefits include formation of village level dairy farmers association; providing effective input services to farmers for



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clean milk production; training to dairy farmers on cattle management techniques and clean milk production; increase milk yield, savings in acidic milk, savings from spillages, improvement in bacteriological quality of milk; increase in milk procurement cost as an incentive for clean milk production; optimal use of biogas plant at model village for dairying and allied activities; clean and quality milk production (40,000 LPD); vacuum packed paneer with increased shelf-life (8 tons/day); and Acido-Whey drink (5,000 LPD with a shelf life of 4 days) utilizing whey, a waste material

Genetic Improvement of Rural Dairy Livestock for Sustainable Livelihood:

Implementing Agency: Bharatiya Agro Industries Foundation (BAIF), Pune.

Project Site: Pune

The project is aimed at improvement of cattle by production of genetically superior off-springs for higher milk productivity utilizing embryo transfer technology (ET). The calves born during initial stages of project are now being used as breeding bulls and semen donors to carry out cattle development and AI activities in the project area. Though the project is technically completed in July, 2006 the performance of the project is being monitored as per original plans.

4.1.2.2 Fruits & Vegetable Sector

Ongoing Projects

A study "Current status of potato production and potato processing industry in parts of West Bengal and suitability of potatoes grown in parts of West Bengal for processing into different products" was generated in partnership with the Central Potato Research Institute (CPRI), Shimla. The report is under finalization.

4.2 Health Care and Herbal/Natural Products

This programme was initiated with a two-pronged objective in two phases, as given below:

- Utilization of vast natural resources of herbal & natural products & to develop and commercialize the few selected technologies, products & processes; and
- To develop & establish/ demonstrate new approach towards health care system.

Completed Projects

Mobile Hospital and Research Centre in Uttarakhand (Kumaon)

Implementing Agency: Birla Institute of Scientific Research, Bhimtal
Location: Champawat, Nainital, Almora, Bageshwar, Pithoragarh & Chamoli districts of Uttarakhand.

The aim of this project has been to bring advancements in modern medical sciences at the doorstep of the common man, who otherwise remain neglected of its benefits. The five year long project was a joint effort of TIFAC and Govt. of Uttarakhand, with equal funding and was started in 2002.

The mobile clinic has been operational since October 2002 and the total patients attended by the clinic during the first half of 2007-08 was 9,376 including the revisits. A total of about 100,000 patients were treated since the inception of the clinics through 926 camps. 54% of these patients belonged to the below-poverty-line category, thus proving to be a boon to the people of Uttarakhand. As the project duration is over, TIFAC would leave the project for the State Government to play an active role of managing the centre.

Ongoing Projects

Mobile Hospital and Research Centre in Uttarakhand (Garhwal)

Implementing agency: Himalayan Institute Hospital Trust (HIHT), Dehradun

Project site: Garhwal

The project aims at improving the health status of the people of Garhwal region of Uttarakhand and includes addressing the health needs of an underprivileged population in remote places. The project has duration of five years.

Under the project, a Mobile Van, flagged off in March, 2007, is designed to provide and undertake community needs assessment, out patient clinic based services, diagnostic facilities and referrals. 15 campsites are covered in each month with prescheduled dates and time. The salient feature of this project is that the total operating cost shall be borne by HIHT, Dehradun.

Projects Initiated

Plasma Fractionation: Demonstration of Development and Commercialization of Plasma Products

Implementing agency: National Plasma Fractionation Centre (NPFC), Mumbai

Project Site: Mumbai

The objective of project is to manufacture low volume and high value virus safe plasma products through the process of fractionation. The project agreement was signed with Research Foundation for National Blood Transfusion Services, Mumbai, the foundation under which NPFC is functioning. The project will be of two year duration.

Standardization and international commercialization of Bacopa monnieri extract for its cognition enhancing activity

Implementing agency: Natural Remedies, Bangalore.

Project Site: Bangalore

The objective is to develop a standardized Bacopa monnieri extract (Brahmi extract) suitable for memory enhancing activity and to scientifically establish the utility of this extract, as dietary supplement, in the management of senile dementia for cognition enhancement in young students.

4.3 Mission REACH

The Mission REACH (Relevance and Excellence in Achieving new heights in educational institutions) was launched by TIFAC during October 2000, aiming towards the development of human resources of international standards, imparting high quality education in chosen areas of high relevance to industry and society by creating sustainable linkages between academia and industry. Select engineering, science and technical Institutions are upgraded as Centres of Relevance and Excellence (COREs) and the level of education is broadened in order to meet the S&T manpower demand in the advanced emerging areas. Currently, 30 TIFAC COREs have been set up throughout India.

Highlights/ Achievements from TIFAC COREs

Three new academic courses have been launched as mentioned below

1. Post Graduate Diploma course in Aircraft Maintenance by TIFAC-CORE at Hindustan College of Engineering, Chennai

2. Advanced oriental learning course in 'USG & CT Guided Intervention' and 'CT & MRI Radiography for Technician' by TIFAC-CORE at Jawaharlal Nehru Medical College, Wardha
3. M. Tech. (Industrial Biotechnology) by TIFAC-CORE at Karnataka National Institute of Technology, Surathkal

The E-learning initiatives at Amrita Vishwavidya Peetham, Kochi:

Under this initiative, four full length courses in areas including 'Telematics', 'Mechanical Behaviour of Engineering Materials', 'Pattern Recognition' and 'Automotive Engineering' were conducted. Further, seven short-term courses, 10 workshops and conferences, guest lecturers by distinguished professors and professionals from India, the US and Europe were broadcasted through the network. More than 2000 students benefited from this initiative

The E-outreach initiative at Indian Institute of Technology, Bombay

This initiative conducted three workshops of 2-day duration covering Convergence 07- A gateway to Network Research, GCC [GNU (an operating system) Compiler Collection] Internals and Prabhat-Linux Workshop. Course content of all conducted Workshops have been released in open source.

Projects Initiated

Four New TIFAC-COREs have been taken up for implementation. The following are the Centres and their respective focus areas:

1. VR Siddhartha College of Engineering, Vijaywada, Andhra Pradesh in the area of 'Telematics'
2. Techno India, Kolkata. West Bengal in the area of 'Food Processing Technology & Quality Control'
3. BR Nahata College of Pharmacy, Mandasaur, Madhya Pradesh in the area of 'Green Pharmacy'
4. DKTE Institute of Engineering & Textiles, Ichalkaranji, Maharashtra in the area of 'Technical Textiles'

4.4 Collaborative Automotive R&D (CAR)

CAR is an academia-industry-interaction forum that defines the technology priorities for the Indian road transportation sector, including vehicles and components as well as enhancement of road infrastructure / network. The CAR vision is to enhance energy



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security, environmental quality, and economic growth and establish a globally competitive transportation industry in India. The participating stake-holders participating are the automobile manufacturers, component manufacturers, senior academics and government departments. The implementation program is guided by the inter-departmental Programme Advisory Committee (PAC), which is a collaborative effort of Department of Heavy Industries (DHI), Department of Information Technology (DIT), Department of Science & Technology (DST) and Office of the Principal Scientific Advisor (PSA) to the Government of India. TIFAC is the secretariat to CAR and CAR-PAC. CAR supports projects for basic technology development in the Public-Private Partnerships mode. The outcomes are specific prototypes to demonstrative of an automotive application, know-how packages that can be transferred to individual companies and key competency centers to support industry.

Projects Completed

Engine Management Systems for Petrol-Powered Small Vehicles

Implementing Partners: IIT Madras, IIT Bombay and TVS Motor

The project has been declared successfully completed by the Monitoring Committee. IIT Bombay developed two EMS solutions for port fuel injection, using a model based approach – one with electronics powered by external sources, and the other with electronics powered by the engine. The EMS prototypes developed serve the low cost objectives using the twin approach of

- Using a minimal number of sensing elements thereby reducing the per vehicle cost of the sensing hardware
- Using a model-based approach resulting in a drastic reduction in the number of tests required to be conducted for characterization of the engine

Ongoing Projects

Hydroforming and Tailor-Welded Blanks

Implementing Partners: ARCI, Hyderabad, IIT Bombay and Mahendra & Mahendra, Tata Motors, TATA Steel and ProSIM

Tailor-welded blanks (TWB) and hydroforming are well-established techniques worldwide, used to achieve weight reduction in auto-components. The project will develop competence groups in the country along the entire value chain, to assist Indian auto manufacturers in adopting these techniques. A 10% weight

reduction was achieved the chassis member of a Tata vehicle. Tube hydroforming of various tube profiles for this Chassis member has been stimulated. For TWB, the door inner of a Mahindra vehicle was selected and its modified design was finalized. A 3.5 KW CO₂ slab laser integrated with 4-axis CNC work station was commissioned for carrying out TWB.

Vehicle Tracking and Control Systems

Implementing Partners: IIT Bangalore, Ashok Leyland, Lattice Bridge and Siemens Info. System

The project aimed at development of a GPS/ GPRS based system for optimal management of long-route and metropolitan buses to improve their fuel efficiency, and convenience of both the public commuters and the bus operators. The site for the project is Koyembedu bus terminal, Chennai, which is one of the largest bus terminals in Asia. The wireless communication media employed was GSM/ CDMA. The system keeps the drivers informed of their real-time location and drivers can receive visual/verbal instructions from the control center. Display systems will provide information to passengers at the terminus as to the timing and parking bay numbers. The passengers at the bus stop would know the expected time of arrivals.

The pilot phase trial is on with a total of 105 buses fitted with on-board units, including city buses and the long route ones. 42 display systems have been installed in the bus stops along the bus routes. The users including Pallavan Transport Corporation, Metropolitan Transport Corporation-Chennai, and State Express Transport Corporation, have found the system acceptable.

Wi-Fi based vehicle tracking

Implementing Partners: Amrita Vishwavidyapeetham

The project objective is to develop an open standard architecture for vehicle tracking system using wireless mesh networks of Wi-Fi based wireless access point. The team of researchers has developed six subsystems, including a secure, high performance wireless mesh network system; a text dynamic messaging unit a wireless LED that display/scrolls messages; the graphical dynamic messaging unit, as wireless LCD that displays internet/intranet feeds; the server system with hotzone gateway and web-application, for info-fuelling; and an onboard unit is a vehicle grade computer on Linux connected to 7" display for driver & 15" display for passengers.

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Projects Initiated

Sl.No.	Project Title	Partners	Objective
1	Quality assurance, condition monitoring and fault diagnosis using intelligent control methodologies	IIT Kanpur, IIT Delhi, IIT Allahabad, TVS Motors, Knowledge Online and Kritical	To build a robust prediction scheme for quality assurance of single cylinder engines using audio signals and vibration patterns, so as to (a) classify good/bad engines based on audio and vibration data collected during the running of the engine at various speeds, and (b) predict possible types of the defect in engines. Relevant data will be generated using robust data acquisition systems with proper sensor integration. The project will provide a generic solution using intelligent methodologies based on neural networks, novel clustering algorithms, both fuzzy and neural, as well as other machine learning approaches.
2	Low Cost Flexible Automation	IIT Madras, Systemantics India Pvt Ltd., IIT Bombay, Magtorq, TVS Motor Company, Mahindra & Mahindra, Sona Koyo Steering, TVS Lucas and Bosch India	This project aims to develop 3 types of high-reliability, application/performance-specific robots priced significantly lower than currently available imported models. Initially, the robots developed would be used in ten applications spread across five automotive sector members to assess its performance that would indicate improvement in quality, productivity, safety and economic factors. The specific measurable parameters include reliability, motion precision and payload capacity and other specifications as stipulated by ISO.
3	Electronic Stability Control	IIT Kanpur, IIT Bombay, TCS, HCL, Tata Motors, Mahindra & Mahindra, Ashok Leyland, Apna Technologies and IQ Infotech	Develop a MEMS sensor based control system to enhance the stability of vehicles on Indian roads. Its components are an Inertial Measurement Unit, a suite of algorithms to compute the possibility of problem situations, a suite of algorithms that constitute the control system, and systems for driver alert and corrective actions.

4.5. Targeted Programmes in other Important Areas

4.5.1 Bioprocess & Bioproducts Programme

The TIFAC programme on Bio-Processes & Bio-Products was approved under the other targeted areas of the 'Umbrella Scheme on Technology Vision 2020 Projects in Mission Mode (TV2020)' in January 2007. While catalyzing technology development activities in the field of bio-products and bio-processes, the TIFAC programme would primarily focus on the following:

- Identification of technologies with far reaching social (medicines, drug delivery system, quality of rural life etc.), economic (employment generation, animal productivity etc.), commercial consequences (business opportunities for industry)
- Development & demonstration of select technologies in pre-treatment, processing and conversion of biomass to produce

fuels, chemicals and other value-added products with a view to optimal utilization of bio-resources

- Promotion of technology capabilities in the sector with a view to reaching out to the wider cross-section of stake holders in the national & international arena

The first meeting of the Apex Committee for Bioprocess & Bioproducts Programme was held on July 27, 2007 to examine the project proposals received from various agencies for their implementation under the TIFAC programme.

Projects Initiated

Three new projects were approved by TIFAC for implementation under the Programme as detailed below:

Enzymatic conversion of racemic molecules to obtain stereospecific ingredients'

Implementing Agency: M/s Hi-tech Bio Sciences India Ltd., Pune



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The project on '**enzymatic conversion of racemic molecules to obtain stereospecific Active Pharmaceutical Ingredients**' was launched in November 2007 with the project duration of 18 months. It aims at technology demonstration and optimization of process parameters for synthesis of three different low-volume, high value stereo-specific or chiral products by biosynthetic route. These molecules viz. 11-hydroxy Canrenone, Eplerenone and S-Indolene 2 carboxylic acid would find applications as end products or as intermediates as active pharmaceutical ingredients. The scale up of bio-transformation at 100 lit. and 1000 lit. levels for 11-hydroxy canrenone was completed. 50 kg of canrenone was processed to 11-hydroxy canrenone. Fermentation conditions, media refinement, fed batch parameters for the same has been optimized. About 2 kg of eplerenone as final product was synthesized from 11-hydroxy canrenone at the bench scale.

Alkali stable cellulase from alkalothermophilic thermomonospora sp.

Implementing Agency: NCL, Pune

The project on 'process development for alkali stable cellulase from alkalothermophilic thermomonospora sp.' was launched in October 2007 with grant-in-aid support to NCL for period of seven months. The project aims at the optimization & scale up of cellulase production media for denim processing. The studies of cellulase production under defined conditions to estimate the enzymatic activity were carried out at lab scale at NCL. Scale-up studies and optimization at 50 lit. fermentor level were in progress.

Pharmaceutical grade chitosan & value-added formulations thereof

Implementing Agency: with M/s Indian Sea Foods, Kochi & ATIRA, Ahmedabad

Project on 'Development of pharmaceutical grade chitosan & value-added formulations thereof' was taken up with project duration of 18 months. The project aims to develop pharmaceutical grade Chitin and Chitosan starting from raw shrimp & prawn shells by enzymatic process developed at lab scale by Ahmedabad Textile Industry's Research Association (ATIRA), Ahmedabad. India Seafoods has tied up with Sree Chitra Thirunal Institute of Medical Sciences & Technology, Thiruvananthapuram and Amrita Institute of Medical Sciences, Kochi for clinical trials and efficacy tests.

Other Activities

Focused Industry Interaction Meets were organized at seven cities across the country by TIFAC in association with the Confederation of Indian Industry (CII). The objective of such interactive meets had been to sensitize the industries on new technology trends & developments in bioprocesses & bio-products including biomass based energy generation technologies so as to generate novel projects in partnership with the industries. These meets were held at Ahmedabad in April, Hyderabad, Nagpur and Coimbatore in September, Mysore in October, Visakhapatnam and Chandigarh in November.

4.5.2 Synergizing S&T with Judicial Processes

This is unique programme is aiming at a higher level of interfacing between S&T and Judicial processes. It functions in a collaborative mode with judiciary, investigating agencies, forensic laboratories and S&T organizations and focuses on areas such as Forensic Sciences and ICT related to judicial processes.

Ongoing Projects

S. No.	Project Title	Implementing Agency
1.	Normative Data for Brain Electrical Activation Profiling	Forensic Science Laboratory (FSL), Gandhi Nagar, Gujarat
2.	Tamperproof & Secure Courtroom Digital Recording & Video Conferencing System	CDAC, NOIDA, Directorate of Forensic Science, New Delhi and Directorate of Forensic Science, Gandhi Nagar
3.	Digital Pen & Paper Technology for capturing the information at police station	Mumbai Police in technical collaboration with M/s Impact Systems Pvt Ltd., Pune
4.	Crime Scene Recording System	M/s. Encore Software Ltd., Bangalore

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Projects Initiated

Court Case Document Tracking Information System using RFID Technology:

This project is being implemented with Delhi High Court and M/s Trinet Information Services Private Limited and aims to facilitate the court case file tracking system and using RFID technology.

Tamperproof and Supervised Collection of Physical Clues of Crime:

This pilot project is being implemented with Directorate of Forensic Science, Ministry of Home Affairs, New Delhi and FSL, Gandhinagar. The objective is to maintain the record of chain of custody of exhibits (Physical clues) from the scene of crime to the forensic lab.

Selection of Panel of SNP Markers for Forensic Analysis in Indian Population:

This project is being implemented with Central Forensic Science Laboratory, Kolkata to develop markers based on Single Nucleotide Polymorphism (SNP) for Indian population. This method would be in addition to the traditional STR markers for forensic analysis.

Interactive Virtual Reality Simulator Software for Crime Scene Training & Proficiency Testing:

The project aims to develop an interactive virtual reality simulator software for crime scene training and proficiency testing for Investigative Officers (IOs). This simulator is being developed by Directorate of Forensic Science, Ministry of Home Affairs, New Delhi with M/s Kwick Soft Solutions (P) Ltd., Chennai and APPA, Hyderabad as a user.

Ongoing Studies

Sl. No.	Title of the Study	Knowledge Partner
1.	Survey on Rural Pottery	Society for Economic & Social Study, New Delhi
2.	Technology Gap Study and Possible Remedial Measures for the Select Sports Goods"- Jalandhar cluster	Dr. B.R Ambedkar National Institute of Technology, Jalandhar, Punjab.
3.	Technology Gap Study for Ambala Scientific Instruments Industry Cluster	National Institute of Technology, Kurukshetra
4.	Technology Gap study for Karnal Agriculture Implements Industry Cluster	National Institute of Technology, Kurukshetra.

4.5.3 Technology Upgradation of select SME clusters

TIFAC initiated this programme in partnership with the Ministry of Micro, Small & Medium Enterprises (MSME) for upgrading select SME clusters in order to make them globally competitive. Nine sectors were identified for carrying out in depth Technology assessment studies to bring out the gap context of current global standard. These include Casting (Howrah, West Bengal- Ferrous, Kolhapur, Maharashtra- Non ferrous), Sports Goods Cluster- Jalandhar, Punjab, Pottery, Surgical Instruments (Baruipur, W.B.), Diesel Pump & Engineering Industry (Rajkot, Gujarat), Agricultural Implements Industry (Karnal, Haryana), Scientific Instruments (Ambala, Punjab), Carpet Industries Cluster - Bhadohi, UP and Food Processing Cluster of Malda, W.B. The studies will include status of technology (product & process) in the cluster, identify gaps in terms of competition and market requirements, and suggest scenarios for possible technological interventions through involvement of relevant and nearby academia or R&D partner institutions etc. Thus through this intervention, academia and nearby SME clusters are also being brought closer.

Completed Studies

A "Technology Gap Analysis Study for Casting Sector of Howrah cluster", the Knowledge Partner being School of Automotive Engineering, Jadavpur University, Kolkata has been completed.



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New Studies Initiated

Sl. No.	Title of the Study	Knowledge Partner
1.	Technology Gap Analysis Study for Casting Sector of Howrah cluster	School of Automotive Engineering, Jadavpur University, Kolkata
2.	Technology Gap Analysis Study for Surgical Instruments Manufacturing units cluster at Baruipur	School of Bio Science and Engineering, Jadavpur University, Kolkata
3.	Technology Gap Study focusing on Carpet Industries Cluster in and around Bhadohi	Institute Partnership Cell (IIP), IT-BHU, Varanasi.

Setting up of Centres

As a follow-up to the recommendation of the studies, three Centres, as given below, have been recommended for commissioning. These Centres will proactively support the respective clusters with

identification of appropriate technology, carry out R&D in the relevant areas, provide training, manpower development etc.

Sl. No.	Cluster	Centre location & Knowledge Partner
1.	Howrah Foundry Cluster	School of Automotive Engineering, Jadavpur University, Kolkata
2.	Baruipur Surgical Instruments Industry Cluster.	School of Bioscience & Engineering, Jadavpur University, Kolkata
3.	Karnal Agriculture Implements Industry cluster.	National Institute of Technology, Kurukshetra.

4.5.4 Pottery Sector

Pottery had been taken up as one of the sectors for technology intervention under Technology Vision 2020 program. An ongoing project is 'Development and Demonstration of a Technology Package Based on Low Grade Raw Materials and Biomass for Adaptation as a Rural Pottery Activity, Panchmura, Bankura, West Bengal' with

Central Glass and Ceramic Research Institute (CGCRI), Kolkata and Ceramic Centre for Rural Development, Panchmura, Bankura, West Bengal. The objective of the project is to lower the firing cost utilizing biomass gas and also to utilize the locally available raw materials for making value added ceramic products.

5.1 International Cooperation

5.1.1 S&T Cooperation with ASEAN

A proposal for 'Capacity Building Programme on R&D and Innovation Management towards Strengthening National Innovation Systems' was jointly prepared with ASEAN. Under this, workshop for training of R&D managers from India and ASEAN countries through sharing of experiences in Innovation Management is being developed.

5.1.2 India-International Institute for Applied Systems Analysis (IIASA) Programme

IIASA is an independent non-governmental research organization located in Austria, sponsored by its National Member Organizations in Africa, Asia, Europe and North America. The institute brings together scientists and researchers from different countries in a variety of disciplines and undertakes research, collaborative as well as independent, to predict and evaluate and manage the social and other repercussions of scientific and technological developments. Its purpose is to develop practical solutions to deal with issues of societal importance through the application of systems science.

TIFAC is the National Member Organization (NMO) of IIASA. A National Committee Chaired by Dr. Parikh, Member, Planning Commission, guides the programme activities. As the Indian NMO with IIASA, TIFAC helps by way of facilitating development of linkages between Indian and IIASA scientists for collaborative work in areas of mutual interest and capacity building of Indian scientists in using of IIASA's expertise especially in the areas of modelling and analysis for decision support.

Achievements

- An India-IIASA joint International workshop on 'Economic, Societal and Environmental Benefits provided by the Indian Forests' held from April 25-27, 2007 in New Delhi. The workshop was attended by over 100 participants including 10 international experts. Based on the presentations in the workshop a set of 26 papers were commissioned with funds from IIASA and TIFAC, for further elaboration on the benefits from the Indian forest sector, analyze the current state of Indian forest sector in terms of data and inventories with respect to functions, management and impacts and it focuses on issues/components as priorities in promoting sustainable development and needed policy interventions. These papers are planned to be published in a

special issue of International Forestry Review and are expected to serve as a platform for a second upcoming workshop dealing with implementation of needed actions to achieve sustainable development of the Indian forest sector.

- As a part of capacity building, TIFAC and IIASA have jointly supported the costs of participation two Indian researchers selected through IIASA competitive process for participation at IIASA in their 'Young Scientists Summer Program' (YSSP) 2007.
- Dr Kirit Parikh participated in IIASA's 35th Anniversary Conference, on 'Global Development: Science and Policies for the Future' held from November 14-15 2007, at Vienna, as an invited speaker on the topic 'Beyond a hunger free world', and also participated as a platform member in subsequent the press conference.
- Prof Anand Patwardhan, Executive Director –TIFAC has been nominated as a Country Lead Author and member of the Global Energy Assessment (GEA) Executive Committee. GEA is a major initiative established by IIASA to help decision makers to address the challenges of providing energy services for sustainable development, whilst ameliorating existing and emerging threats associated with: security of supply; access to modern forms of energy for development and poverty alleviation; local, regional and global environmental impacts; and securing sufficient investment.
- Dr Kanchan Chopra, Director, IEG, Delhi was appointed as a member of IIASA's Scientific Advisory Committee.
- A Brain storming meeting was held on September 27, 2007 at Planning Commission under the Chairmanship of Dr Kirit Parikh, for identifying needs and preferred areas of work in the area of water resources in India.
- Prof AK Gosain, Dept. of Civil Engineering, IIT Delhi participated as the nominated Indian participant for the IIASA Water Dialogue Meeting at the Technical University, Vienna from October 29-30 2007.
- An Indian Project development meeting for 'Land Use and Land Use Change' was held on November 1, 2007 under the Chairmanship of Dr Kirit Parikh at Planning Commission, New Delhi. Two scientists from IIASA, Austria and Indian experts from various institutions from within India took part in the deliberations.



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5.2 Other International Conferences

Innovation policy and innovation support mechanisms have been of great interest to India. In this regard, TIFAC jointly organized a symposium on “Growing Indian Innovation: Issues, Opportunity and Solutions” with the National Academies of USA. Held in New Delhi on December 18, 2007, the symposium was inaugurated by Hon’ble Minister of Science & Technology, Shri. Kapil Sibal.

As a follow up of this Symposium, a panel discussion session on “Encouraging Innovation: Perspective from Industry and Academia” was organized in Mumbai on December 20, 2007. Both the events were attended by eminent personalities, from academia, industry, government organization as well as private organization. The US delegation included senior professionals from the National Academies, Advanced Technology Programme, Office of the Naval Research, World Bank, University leaders etc.

5.3. Interaction with other Ministries

TIFAC has been assisting Ministry of Steel in evaluation as well as monitoring of research proposals for steel sector. Three meetings of the Evaluation Group were held during the year in which 12 proposals were recommended. Out of these, the Empowered Committee, Chaired by Secretary, Steel has approved five proposals. Creation of a steel research sector at IIT-Kharagpur with a budget of around Rs.20 Crores, creation of an Endowed Chair and five scholarships to the Under Graduate students in all technical institutes where Metallurgy is taught were some of the projects approved for implementation.

A Study on ‘Manpower Requirements for Steel Industry’ was completed This is a pioneering study for assessing overall requirements of metallurgical engineers and skilled technicians required for steel industry up to the year 2020. Mission REACH of TIFAC was actively involved in the study and the outcome would be useful for planning of new initiatives in this Mission.

6. Human Resources & Infrastructure Development

6.1 Training

- Sh. Suresh Kumar K, Scientist E and Dr. Gautam Goswami, Scientist E attended a week long program on "Science & Law" at Administrative Staff College, Hyderabad from February, 25-29, 2008. The program, supported by the Dept. of Science & Technology, was designed to examine the interplay of law and modern developments science and technology and included a visit to a forensic science laboratory.
- Two candidates completed internship at National Institutes of Health (NIH) on IP management in Public Private Partnership (PPP) mode at NIH, Washington under the PFC program on Indo-US Technology Management and Exchange in April 2007.
- Sh. R. Mahendran and Dr. Ankkur Goel attended a 10 week-long Foundation Training Programme for Scientists and Technologists during August-October 2007. The programme supported by the Department of Science & Technology, was organised by the Indian Institute of Public Administration, New Delhi.

6.2 Participation in International Conference

- Prof. Anand Patwardhan participated in the 13th Conference of Parties of the UN Convention on Climate Change (UNFCCC) held at Nusa Dua, Bali, Indonesia from December 3-14, 2007, as a part of the Indian delegation headed by MoS (Environment) and joined by Sh. Kapil Sibal, Hon'ble Minister for Science & Technology.
- The Royal Society-UK organized and convened a networking workshop on biofuels in London during April 23-26, 2007 by inviting scientists from the UK, India, Brazil, South Africa and other African countries. A delegation of six Indian scientists from key national labs including Mr. S Biswas, Adviser-TIFAC was deputed to the aforesaid event by DST. Around 80 participants & 20 speakers participated in the event. The workshop focused on four stages of the bio-energy chain: production, conversion, products & use and systems. The workshop was an ideal platform for interactions with the British energy research groups and exchange of information that might lead to collaborative programmes for technology development projects among the participating countries. As part of the workshop, the participants visited Rothamsted Research Lab at Hartfordshire and Somerset County Council & BICAL at Taunton respectively for first hand information in British initiatives in energy crops viz. miscanthus, switch grass, willow etc. with field demonstrations.

- Shri P R Basak, Scientist-E, TIFAC participated in the 7th meeting of the Scientific Steering Committee (SSC) of the Global Carbon Project (GCP) and the associated GCP-Carbo Africa Symposium held during 20-25 August 2007 at Kruger National Park in South Africa. In this meeting, bio-energy was identified as one of the priority sectors of GCP in the next couple of years. Shri Basak also made a presentation on Bio-energy – imperatives, trends & opportunities for India highlighting the feedstock availability and conversion technologies for producing biofuels & other value-added bio-products in Indian context.
- Ms. Jancy A and Shri Debabrata Ghosh attended an international conference on "Science, Technology & Innovation Policy, 2007" held at Allana from 19-20 October, 2007. The event organized by the School of Public Policy, Georgia Institute of Technology, Atlanta, USA. Papers on 'Innovation support mechanism for SMEs in India' and 'Assessing the role of public-private partnerships for enhancing the quality of technical education – A case study of an Indian experiment' were presented in the conference.
- Prof. Anand Patwardhan and Ms. Kiran A Zacharia participated in the 17th meeting of the Council of the International Institute for Applied Systems Analysis (IIASA) held in Austria from November 12-13, 2007.

6.3 Publications

Detailed as annexed as Annexure-I

6.4 Expert visits & Delegations

- Prof. Rafik O. Loutfy and Shri Pankaj Sood of McMaster University, Canada visited TIFAC on April 10, 2007. County experiences on supporting innovations through SMEs and entrepreneurs were exchanged.
- A delegation from the Japan Science and Technology Agency visited TIFAC in March, 2008. The objective was to collect inputs regarding a project taken up by JSTA on an "Open Access Database" (OADB) for the Asian region, which would digitize the S&T data, specifically from the public sector research agencies in the region. Inputs were provided in the form of answers to the structured questionnaire. Effort was taken to facilitate such inputs from IIT Delhi and IIT Kharagpur and UICT, Mumbai.



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6.5 TIFAC Library

To facilitate and foster the flow of scientific and technical information, TIFAC Library continued to support the requirements of TIFAC scientists and users by procuring scientific books/reports and journals/serials. During the period 44 scientific and technical books/reports were procured. With this, total Library holding stood at 2,060. Subscription to 39 scientific/technical journals was continued.

6.6 E-Resources

The E-resources comprising Springer Link, ABI Info Complete, Emerald Extra and Indian statistical data were made available to the scientists for online access from their desktops. The former three databases cover technical papers and publications in various engineering disciplines, basic sciences disciplines and business related information. The database of Indian Statistical Data covers

the raw national statistics including general, economic and sector wise fundamental data.

6.7 Implementation of Official Language Policy

The implementation of Official Language Policy under the guidance of Official Language Implementation Committee (OLIC) was continued. Efforts to implement the recommendations made by the Committee of Parliament on official languages were taken. Eight Hindi workshops were organized for the benefit of the employees. The Hindi Week was organized, in association with Department of Science & Technology (DST). TIFAC employees participated in seven different competitions and received certificates and cash prizes. The use of Hindi as official communication was achieved. A Hindi glossary of administrative and technical terms is being prepared by the Hindi Cell. Besides, regular meetings of OLIC were held.

Annexure-I

List of Publications

1. The Current Indian Patent Regime and the Scope of Protection in Agricultural Biotechnology: Some Issues and Considerations by Suresh Kumar K., Journal of Intellectual Property Rights, Vol. 12, May 2007 pp 341-348
2. Bio-Fuels - Technology Trends & Opportunities by Nirmala Kaushik, Soumitra Biswas & PR Basak, SEARCH (September & October 2007, Vol. 10, no.9, Vol. 10, no.10) pp 92-97, 82-86
3. A paper titled 'Assessing the role of Public Private Partnership to enhance the quality of Technical Education: A case study of an Indian experiment' was authored by Ghosh Debabrata, Patwardhan A, Saxena N, Jancy A, Bhatnagar D and Muneshwar S.K. The paper was presented by Debabrata Ghosh during Atlanta Conference on Science & Technology, Georgia Tech, Atlanta, USA, October 19-20, 2007
4. A paper titled 'Innovation support mechanisms for MSMEs in India' was authored by Jancy A, Patwardhan A., Saxena N, Selvan T. The paper was presented by Jancy A. during Atlanta Conference on Science & Technology, Georgia Tech, Atlanta, USA, October 19-20, 2007
5. Composites in Transportation-Indian Experience, presented in the International Conference on Advanced Materials and Composites (ICAMC 2007), National Institute for Interdisciplinary Science & Technology (NIIST), Thiruvananthapuram, October 24-26, 2007
6. Biochemical Conversion of Biomass - Challenges & Opportunities by Nirmala Kaushik and Soumitra Biswas, presented & published in the proceedings of 22nd Indian Engineering Congress, Udaipur, December 14-16, 2007
7. Innovation Management- An Indian Experience, presented at the International Conference on Globalization of Chinese and Indian Enterprises, IIT-Bombay, November 1 - 2, 2007
8. Nanocomposites – Technology Trends & Application Potential, presented & published in the proceedings of the International Conference & Exhibition on Reinforced Plastics (ICERP 2008), Mumbai, February 7-9, 2008

**Auditor's Report Together with
Audited Statement of Accounts**



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Auditor's Report

The Members,
Governing Body
Technology Information, Forecasting &
Assessment Council,
New Delhi – 110 016

We have audited the attached Balance Sheet of TECHNOLOGY INFORMATION, FORECASTING AND ASSESSMENT COUNCIL (TIFAC), NEW DELHI as on 31st March 2008 and also the attached Income & Expenditure Accounts for the year ended on that date.

These financial statements are the responsibility of the management of the TIFAC. Our responsibility is to express an opinion on these financial statements based on our audit.

We conducted our audit in accordance with auditing standards generally accepted in India. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by the management, as well as evaluating the overall presentations of the financial statements. We believe that our audit provides a reasonable basis for our opinion.

Subject to our Audit objections as per Annexure AR-1, comments given in the following Notes on accounts as per schedule -44 & 45, Note No B-1 -> Non – Accounting of Stock of Publication of TIFAC, Note No. B-2 -> Non-receipt of utilization statements in respect of grant utilized from the implementing agency in some cases, we report that :-

- 1) We have obtained all the information and explanation which to the best of our knowledge and belief were necessary for the purposes of our Audit.
- 2) In our opinion proper books of account as required by law have been kept by TIFAC.
- 3) The Balance sheet and Income and Expenditure Accounts dealt with by this report are in agreement with the books of account.
- 4) In our opinion and to the best of our information and according to the explanations given to us, the said accounts read with the schedules and notes thereto given the information required by Society Registration Act, in the manner so required and given a true and fair view
 - a) In case of Balance Sheet , of the state of affair of the TIFAC as at 31st March 2008.
 - b) In case of Income & Expenditure Account, of the excess of expenditure over income for the accounting year ended on that date.

For **Chandiwala Gupta**
Chartered Accountants

Sd/-
(Bharat Bhushan)
(Partner)

Date : 07.07.2008
Place : New Delhi

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Annexure : AR1 - Audit Objections

1. TIFAC has been recognized as a Scientific and Industrial Research Organisation by Department of Scientific and Industrial Research (DSIR) for the period from 30.06.1993 to 31.03.1995 and subsequently from 01.04.1995 to 31.03.2000, 01.04.2000 to 31.03.2003 & 01.04.2003 to 31.03.2006 and TIFAC has been declared "SCIENTIFIC INSTITUTION" by the prescribed authority under Rule 6 of the Income Tax Rules for the purpose of Clause (ii) of Sub-section (I) of Section 35 of the Income Tax Act, 1961 vide Notification No. 951 (F. No. DG/IT(E)/ND-116/35(i)(ii)/93-IT(E) dated 30th November 1993. The Income Tax liability for earlier year if any will be provided in the books of account on the basis of actual payment to Income Tax Department. The recognition has expired on 31.03.2006. Application has been made for renewal but renewal has not been received so far after 31.03.2006.
2. As per the agreement of various Projects the Financial Assistance given by TIFAC will be refunded in instalments as per the specified period as mentioned in the agreement but it is analyzed that there are many companies have not repaid their instalments according to the agreements. The details are as under.

Out of which the following amount are overdue as on 31.03.2008.

(Rs. In Lacs)

Name of the Project	Overdue upto Six months	Overdue from more than six months upto 3 years	Over due more than 3 Years	Total
Fly Ash Mission	0.000	71.990	22.870	94.860
Advanced Composite	7.620	696.040	1220.300	1923.960
Home Grown Technology	22.660	882.950	1486.830	2392.440
Vision 2020: Agriculture Sector	10.620	69.770	21.250	101.640
Vision 2020: Other Targetted Prog.	0.000	1.800	0.000	1.800
Vision 2020 : Upgradation of Textile Machinery	6.660	37.890	0.000	44.550
	47.560	1760.44	2751.250	4559.250

The above amount does not include any interest which is chargeable at 18% on overdue amount as per terms of the agreement signed by beneficiaries. It is explained to us that as per policy of TIFAC interest on overdue amount is accounted for on receipt basis only.

- 3 The assets hypothecated to TIFAC are required to be insured by the beneficiaries as per terms of agreement, but it was observed that in few cases assets are not insured.
- 4 It is observed in some cases that some current liabilities are still outstanding since long time. If it is not required to pay the same may be booked as income



Technology Information, Forecasting & Assessment Council
प्रौद्योगिकी सूचना, पूर्वानुमान एवं मूल्यांकन परिषद्

5. The following advances are outstanding for the last 2 to 3 years which have not been settled so far.
 - (i) RDCIS, Ranchi Rs. 4,852/-
 - (ii) BISR (Haldwani) Rs. 76,173/-
6. It is observed that Rs. 4,50,77,871/- shown as Capital Fund in Progress at Schedule 11A of the Balance Sheet. The time period of the work contract has already been over as per terms and condition of the agreement. The work has been executed. It is suggested that amount should have been capitalised in fixed assets
7. It is observed that Rs. 32,59,953/- towards Construction of Reception Office in D.S.T, Technology Bhavan is outstanding since long. Proper action should be taken to recover this amount from DST.
8. Out of Rs. 6,02,750/- on account of Earnest Money a sum of Rs. 5,52,750/- is held with TIFAC for the last 2 years unsettled.
9. Project wise Memorandum ledger should be maintained for proper control of payment received against parties account.
10. A Cheque of Rs. 612000/- deposited on 01.10.2007 is yet to be cleared.
11. TDS return for the Financial year 2007-2008 three quarters has been filed for Form No. 24 (1Q:26.09.2007, 2Q:26.10.2007, 3Q:08.02.2008) & 4th quarter is pending. Form No. 26 (1Q:26.09.2007 2Q:12.11.2007 3Q:15.03.2008) & 4th quarter is pending.

As per our report of even date Annexed herewith

for **Chandiwala Gupta & Associates**
Chartered Accountants

Sd/-
(Bharat Bhushan)
Partner

Sd/-
Accounts Officer

Sd/-
Registrar

Sd/-
Executive Director

Date : 07.07.2008
Place : New Delhi

Replies to Audit queries "Annexure AR 1" TIFAC

1. Application for renewal of Income Tax exemption for the period from 01.04.2003 onwards was filed with Income Tax Department, New Delhi on 1st April 2004. No queries or objection has been raised by I.T. Department. However necessary notification granting exemption is yet to be issued by Income Tax Department. The Gazette notification from CBDT is awaited.
2. Wherever non payment of instalments are there the matter is being pursued with concerned beneficiaries for early payment of instalments. In certain cases legal actions have already been initiated.
3. Insurance in respect of assets hypothecated to TIFAC is done by the beneficiary concerned.
4. Since some current liabilities are under settlement during 2008-09 the decision will be taken after settlement.
5. The matter has already been taken up for early settlement.
6. Action for transfer of amount into capital fund will be taken after completion of the job.
7. DST is being requested to reimburse the amount to TIFAC.
8. The final settlement of Contractors bill is yet to be done. Earnest money will be adjusted at the time of settlement.
9. Point noted for future compliance
10. Matter has been taken up with U.B.I and the party for clearing.
11. Action has been noted for filing the return in time.



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Technology Information, Forecasting & Assessment Council Balance Sheet as on 31.03.2008

(Amount-Rs.)

	Schedule	Current Year	Previous Year
Corpus/capital Fund And Liabilities			
Corpus /capital Fund	1	474265176.53	643390439.97
Reserves And Surplus	2	0.00	0.00
Earmarked/ Endowment Funds	3	0.00	0.00
Secured Loans And Borrowings	4	0.00	0.00
Unsecured Loans And Borrowings	5	0.00	0.00
Deferred Credit Liabilities	6	0.00	0.00
Current Liabilities And Provisions	7	51831779.60	38835570.06
Total		526096955.59	682226010.03
Assets			
Fixed Assets (net)	8	82950128.84	92421430.25
Investments – From Earmarked/endowment Funds	9	0.00	0.00
Investments – Others	10	0.00	0.00
Current Assets, Loans, Advances Etc.	11	398068955.75	544726708.78
Capital Work In Progress.	11a	45077871.00	45077871.00
Miscellaneous Expenditure (to The Extent Not Written Off Or Adjusted)			
Total		526096955.59	682226010.03
Significant Accounting Policies	45		
Contingent Liabilities And Notes On Accounts	46		

As Per Our Report Of Even Date Annexed Herewith

for **Chandiwala Gupta & Associates**
Chartered Accountants

Sd/-
(Bharat Bhushan)
Partner

Sd/-
Accounts Officer

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Registrar

Sd/-
Executive Director

Date : 07.07.2008
Place : New Delhi

Annual Report - वार्षिक रिपोर्ट 2007-08

T.I.F.A.C (Regular Account) Income and Expenditure Account For the Year Ended 31.03.2008

(Amount-Rs.)

Income	Schedule / Annexure	Current Year	Previous Year
Income from Sales/Services	Schedule 12	0.00	0.00
Grants/Subsidies	Schedule 13	5445307.00	7260000.00
Fees/Subscriptions	Schedule 14	11050.00	1550.00
Income from Investments	Schedule 15	0.00	0.00
Income from Royalty, Publication etc.	Schedule 16	231125.00	351908.00
Interest Earned	Schedule 17	3323922.00	15704052.00
Other Income	Schedule 18	200709.00	400276.00
Increase/(Decrease) in stock of Finished goods and Works-in-progress	Schedule 19	0.00	0.00
Refund from Projects	Schedule 20	33599630.00	27358421.00
Total (A)		42811743.00	51076207.00
Expenditure			
Establishment Expenses	Schedule 21	18267796.00	16449280.00
Other Administrative Expenses etc.	Schedule 22	16319539.90	10928552.50
Expenditure on Grant, Subsidies etc.	Schedule 23	52859511.00	63027270.00
Interest	Schedule 24	0.00	0.00
Depreciation (Net Total at the year end)	Schedule 8	10189188.41	11831484.60
Total (B)		97636035.31	102236587.10
Balance being excess of Income over Expenditure (A-B)			
Balance being excess of Expenditure over Income (A-B)		54824292.31	51160380.10
Transfer to Special Reserve (Specify each)			
Transfer to/from General Reserve		54824292.31	51160380.10
Balance Being Surplus (Deficit) Carried to Corpus/Capital Fund			
Significant Accounting Policies & Notes on Accounts			
Contingent Liabilities			

As per our report of even date Annexed herewith

for **Chandiwala Gupta & Associates**
Chartered Accountants

Sd/-
(Bharat Bhushan)
Partner

Sd/-
Accounts Officer

Sd/-
Registrar

Sd/-
Executive Director

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Technology Information, Forecasting & Assessment Council
प्रौद्योगिकी सूचना, पूर्वानुमान एवं मूल्यांकन परिषद्

TIFAC Technology Vision 2020 Income and Expenditure Account For the Year Ended 31.03.2008

(Amount-Rs.)

Income	Schedule / Annexure	Current Year	Previous Year
Grants/Subsidies	Schedule 25	0.00	0.00
Interest Earned	Schedule 26	20224859.00	11443911.00
Refund from Project	Schedule 27	45340095.87	29287292.29
Total (A)		65564954.87	40731203.29
Expenditure			
Establishment /Administrative Expenses	Schedule 28	7013511.00	6104866.00
Project Expenditures	Schedule 29	149946776.00	120406744.00
Total (B)		156960287.00	126511610.00
Balance being excess of Income over Expenditure (A-B)		91395332.13	85780406.71
Balance being excess of Expenditure over Income (A-B)			
Balance being Deficit transferred to Corpus/Capital Fund		(-) 91395332.13	(-) 85780406.71

As per our report of even date Annexed herewith

For **Chandiwala Gupta & Associates**
Chartered Accountants

Sd/-
(Bharat Bhushan)
Partner

Sd/-
Accounts Officer

Sd/-
Registrar

Sd/-
Executive Director

Date : 07.07.2008
Place : New Delhi

Annual Report - वार्षिक रिपोर्ट 2007-08

T.I.F.A.C Patent Facilitating Centre Income and Expenditure Account For the Year Ended 31.03.2008

(Amount-Rs.)

Income	Schedule / Annexure	Current Year	Previous Year
Grants/Subsidies	Schedule 30	15000000.00	12500000.00
Interest Earned	Schedule 31	12315.00	0.00
Other Income	Schedule 32	131269.00	186624.00
Refund from Project		0.00	0.00
Total (A)		15143584.00	12686624.00
Expenditure			
Establishment / Administrative Expenses	Schedule 33	7554056.00	8410492.00
Project Expenditures	Schedule 34	4821496.00	6797515.00
Total (B)		12375552.00	15208007.00
Balance being excess of Income over Expenditure (A-B)		2768032.00	
Balance being excess of Expenditure over Income (A-B)			2521383.00
Balance being Surplus / Deficit transferred to Corpus/Capital Fund		2768032.00	(-) 2521383.00

As per our report of even date Annexed herewith

for **Chandiwala Gupta & Associates**
Chartered Accountants

Sd/-
(Bharat Bhushan)
Partner

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Accounts Officer

Sd/-
Registrar

Sd/-
Executive Director

Date : 07.07.2008
Place : New Delhi



Technology Information, Forecasting & Assessment Council
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T.I.F.A.C Scholarship for Women Scientists Income and Expenditure Account For the Year Ended 31.03.2008

(Amount-Rs.)

Income	Schedule / Annexure	Current Year	Previous Year
Grants/Subsidies	Schedule 35	7892000.00	900000.00
Interest Earned	Schedule 36	0.00	0.00
Other Income	Schedule 37	1697.00	0.00
Refund from Projects		0.00	0.00
Total (A)		7893697.00	900000.00
Expenditures	Schedule 38	6460756.00	3000293.00
Total (B)		6460756.00	3000293.00
Balance being excess of Income over Expenditure (A-B)		1432941.00	
Balance being excess of Expenditure over Income (A-B)			2100293.00
Balance being Surplus / Deficit transferred to Corpus/Capital Fund		1432941.00	(-) 2100293.00

As per our report of even date Annexed herewith

for **Chandiwala Gupta & Associates**
Chartered Accountants

Sd/-
(bharat Bhushan)
Partner

Sd/-
Accounts Officer

Sd/-
Registrar

Sd/-
Executive Director

Date : 07.07.2008

Place : New Delhi

Annual Report - वार्षिक रिपोर्ट 2007-08

T.I.F.A.C CORE-Group on Automotive Research (CAR) Income and Expenditure Account For the Year Ended 31.03.2008

(Amount-Rs.)

Income	Schedule / Annexure	Current Year	Previous Year
Grants/Subsidies	Schedule 39	0.00	0.00
Interest Earned	Schedule 40	0.00	0.00
Other Income	Schedule 41	0.00	0.00
Refund from Projects			
Total (A)		0.00	0.00
Expenditure			
Establishment / Administrative Expenses etc.	Schedule 42	0.00	64131.00
Project Expenditures	Schedule 43	21000000.00	51100379.00
Total (B)		21000000.00	51164510.00
Balance being excess of Income over Expenditure (A-B)			
Balance being excess of Expenditure over Income (A-B)		21000000.00	51164510.00
Balance being Deficit transferred to Corpus/Capital Fund		(-)21000000.00	(-) 51164510.00

As per our report of even date Annexed herewith

for **Chandiwala Gupta & Associates**

Chartered Accountants

Sd/-
(bharat Bhushan)
Partner

Sd/-
Accounts Officer

Sd/-
Registrar

Sd/-
Executive Director

Date : 07.07.2008

Place : New Delhi



Technology Information, Forecasting & Assessment Council
प्रौद्योगिकी सूचना, पूर्वानुमान एवं मूल्यांकन परिषद्

Technology Information Forecasting and Assessment Council (TIFAC) Schedules Forming Part of Balance Sheet as at 31.03.2008

Schedule 1 - Corpus/Capital Fund

(Amount-Rs.)

	TIFAC	Vision 2020	Patent Facilitating Centre	Scholarship for Women Scientists	CORE-Group on Automotive Research (CAR)	Total	Previous Year Balance
Opening Balance	405324680.91	221763622.74	4165296.32	(281158.00)	12417998.00	643390439.97	836117412.78
Excess of Income Over Expenditure	0.00	0.00	2768032.00	1432941.00	0.00	4200973.00	0.00
Total	405324680.91	221763622.74	6933328.32	1151783.00	12417998.00	647591412.97	836117412.78
Excess of Expenditure over Income	54824292.31	91395332.13	0.00	0.00	21000000.00	167219624.44	192726972.81
Previous year adjustments	6106612.00	0.00	0.00	0.00	0.00	6106612.00	0.00
Total	60930904.31	91395332.13	0.00	0.00	21000000.00	173326236.44	192726972.81
Closing Balance	344393776.60	130368290.61	6933328.32	1151783.00	(8582002.00)	474265176.53	643390439.97

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Schedule 2 - Reserve and Surplus :

(Amount-Rs.)

	Current Year	Previous Year
1. Capital Reserve :		
As per last Account	0.00	0.00
Addition during the year	0.00	0.00
Less : Deductions during the year	0.00	0.00
2. Revaluation Reserves :		
As per last Account	0.00	0.00
Addition during the year	0.00	0.00
Less : Deductions during the year	0.00	0.00
3. Special Reserve :		
As per last Account	0.00	0.00
Addition during the year	0.00	0.00
Less : Deductions during the year	0.00	0.00
4. General Reserve :		
As per last Account	0.00	0.00
Addition during the year	0.00	0.00
Less : Deductions during the year	0.00	0.00
TOTAL	0.00	0.00



Technology Information, Forecasting & Assessment Council
प्रौद्योगिकी सूचना, पूर्वानुमान एवं मूल्यांकन परिषद्

Technology Information, Forecasting & Assessment Council Schedules Forming Part of Balance Sheet as at 31.03.2008

Schedule 3 - Earmarked/Endowment Funds

(Amount-Rs.)

	Current Year	Previous Year
a) Opening Balance of the funds	0.00	0.00
b) Additions to the Funds:		
i) Donations /grants	0.00	0.00
ii) Income from investments made on account of funds	0.00	0.00
iii) Other Additions (Specify)		
TOTAL (a+b)	0.00	0.00
c) Utilization /Expenditure towards objectives of funds		
i) Capital Expenditure	0.00	0.00
Fixed Assets	0.00	0.00
Others	0.00	0.00
ii) Revenue Expenditure		
Salary, Wages and allowance etc	0.00	0.00
Rent	0.00	0.00
Other Administrative Expenses	0.00	0.00
TOTAL (c)	0.00	0.00
Net Balance as at the year end (a + b– c)	0.00	0.00

Notes

- 1) Disclosures shall be made under relevant Heads based on conditions attaching to the Grants.
- 2) Plan Funds received from Central /State Governments are to be shown as separate Funds and not to be mixed up with any other Funds

Annual Report - वार्षिक रिपोर्ट 2007-08

Technology Information Forecasting and Assessment Council (TIFAC) (Regular) Schedules Forming Part of Balance Sheet As At 31.03.2008

Schedule 4 - Secured Loans and Borrowings:

(Amount-Rs.)

	Current Year	Previous Year
1. Central Government	0.00	0.00
2. State Government (Specify)	0.00	0.00
3. Financial Institutions		
a) Term Loans	0.00	0.00
b) Interest accrued and due	0.00	0.00
4. Banks:		
a) Term Loans	0.00	0.00
- Interest accrued and due	0.00	0.00
b) Other Loans (specify)	0.00	0.00
- Interest accrued and due	0.00	0.00
5. Other Institutions and Agencies	0.00	0.00
6. Debentures and Bonds	0.00	0.00
7. Others (Specify)	0.00	0.00
TOTAL	0.00	0.00

Note : Amounts due within one year



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प्रौद्योगिकी सूचना, पूर्वानुमान एवं मूल्यांकन परिषद्

Technology Information Forecasting and Assessment Council (TIFAC) (Regular) Schedules Forming Part of Balance Sheet as at 31.03.2008

Schedule 5 - Unsecured Loans and Borrowings

(Amount-Rs.)

	Current Year	Previous Year
1. Central Government	0.00	0.00
2. State Government (Specify)	0.00	0.00
3. Financial Institutions	0.00	0.00
4. Banks:		
a) Term Loans	0.00	0.00
b) Other Loans (specify)	0.00	0.00
5. Other Institutions and Agencies	0.00	0.00
6. Debentures and Bonds	0.00	0.00
7. Fixed Deposits	0.00	0.00
8. Others (Specify)	0.00	0.00
TOTAL	0.00	0.00

Note : Amounts due within one year

Schedule 6 - Deferred Credit Liabilities

(Amount-Rs.)

	Current Year	Previous Year
a) Acceptances secured by hypothecation of Capital equipment and other assets	0.00	0.00
b) Others	0.00	0.00
TOTAL	0.00	0.00

Note : Amounts due within one year

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Technology Information Forecasting and Assessment Council (TIFAC) (Regular) Schedules Forming Part of Balance Sheet as at 31.03.2008

Schedule 7 - Current Liabilities and Provisions

(Amount-Rs.)

	Current Year	Previous Year
A. CURRENT LIABILITIES		
1. Acceptances		
2. Sundry Creditors:		
a) For Goods	0.00	0.00
b) Others	0.00	0.00
3. Advances Received		
Development of project for High purity magnesia	78680.00	78680.00
4. Interest accrued but not due on:		
a) Secured Loans/borrowings	0.00	0.00
b) Unsecured Loans /borrowings	0.00	0.00
5. Statutory Liabilities:		
a) Over dues	0.00	0.00
b) Others	0.00	0.00
6. Other current Liabilities		
1) Salary Payable (Prof. Ganapathy)	1800.00	1800.00
2) Nominal Charges for Dissemination of TIFAC Report	6183.00	6183.00
3) Security Ecorel Multitech System	150.00	10730.00
4) Earnest Money (Mannu Lal and Sons.)	500000.00	500000.00
5) Security Deposit		
Matrix Power products	15741.00	15741.00
Union Tech India P.Ltd	81017.00	81017.00
Apex Peripherals (I) Pvt. Ltd.	1845.00	1845.00
System Technology	1695.00	1695.00
M/s Mannu Lal & Sons (Electrical Works)	188564.00	188564.00
M/s Graphic System Pvt Ltd	89454.00	89454.00
M/s Impressions Services Pvt. Ltd.	30000.00	30000.00
Stale Cheque	177472.06	142907.06
7) Expenses Payable (As per Annexure9)	3068995.00	2529218.00
10) Project ICOSER (Annex.10)	10663154.00	10663154.00



Technology Information, Forecasting & Assessment Council
प्रौद्योगिकी सूचना, पूर्वानुमान एवं मूल्यांकन परिषद्

(Amount-Rs.)

	Current Year	Previous Year
11) Indian Myanmar S&T Friendship library in yangon. (Annex.11)	959659.00	959659.00
12) Indian Copper Market Focus on Recyclable (Annex. 12)	225916.00	225916.00
13) MSEB-Ash Utilization / Management (Annex. 13)	3578194.00	3699020.00
14) FAM Large Scale Stowing of HWP Pond Ash into the underground Mines of SCCL (M) Manuguru (Annex.14)	8294830.00	8294830.00
15) Earth Quake Surviving Nature's Fury (Annex.15)	142557.00	142557.00
16) Earnest Money : M/s Geo – Hydromechs (India) Roorkee.	17750.00	17750.00
17) Earnest Money : M/s Crompton Greaves (EPBAX Work & Lan Work).	15000.00	15000.00
18) Earnest Money : M/s Impression Pvt Ltd, House Keeping Work of TIFAC Building.	20000.00	20000.00
19) Earnest Money : M/s Nimbus Harbour Pvt Ltd	50000.00	0.00
20) Fly Ash Sponsorship for National Seminar-cum-Business Meet.	285268.00	285268.00
21) DRDO – PFC (Annex.17)	0.00	178927.00
22) Workshop on Bio Fuels	54039.00	0.00
24) GSLIS	133.00	133.00
26) Pm's Relief Fund (TSUNAMI)	18128.00	18128.00
27) MPSEB use of Fly Ash in Agriculture Development Thermal Power Plants, Sarni (Annex.18)	1023250.00	1033250.00
28) BASIC (Building and Strengthening Institutional Capacity for Climate Change.(Annex.19)	425895.00	372715.00
29) INDO-ISRAELI Workshop (Annex.20)	182637.00	182637.00
30) Sh.Samson Geroge (L.T.A loan and Scooter Loan)	13500.00	15500.00
31) Security Deposit : Lease Accomodation	20000.00	0.00
32) Fly Ash International Congress		
- Sponsorsip for Seminar	2908400.00	2908400.00
- Exhibitions/Delegation Fee (Foreign Delegate)	1702593.00	1702593.00
- Delegation Fee for international Seminar	2517806.00	2517806.00
- Exhibition Fee for International Seminar	762000.00	762000.00
- Proceeding Book/Project site	11500.00	11500.00
- Sundry Creditor : M/s APL Poly Fab Pvt Ltd	0.00	900000.00

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(Amount-Rs.)

	Current Year	Previous Year
33) Pending Work (M/s Mannu Lal & Sons	25000.00	25000.00
34) DST-BMBF (Germany) (Annex 22)	104586.00	104586.00
35) Interest HBA :Sh.N.S.Nair	0.00	12000.00
36) Medical Scheme	140491.00	67192.00
37) Sundry Creditor : Sh.Ramesh Kumar K	975.00	975.00
38) Sundry Creditor : IIT Bombay CPF Subscription –Prof. Anand Patwardhan	0.00	21240.00
39) M/s Maheshwari Rice Millers (Cheque under Clearence)	1062500.00	0.00
40) TIFAC-World Bank Project (Annex 23)	12364422.00	0.00
TOTAL (A)	51831779.06	38835570.06
B. PROVISIONS		
1. For Taxation	0.00	0.00
2. Gratuity	0.00	0.00
3. Superannuation /Pension	0.00	0.00
4. Accumulated Leave Encashment	0.00	0.00
5. Trade Warranties/Claims	0.00	0.00
6. Others (Specify)	0.00	0.00
TOTAL (B)	0.00	0.00
TOTAL (A+B)	51,831779.06	38835570.06



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Technology Information Forecasting and Assessment Council (TIFAC) (Regular) Schedules Forming Part of Balance Sheet as at 31.03.2008

Schedule 8 - Fixed Assets

(Amount-Rs.)

Description	Gross Block				Depreciation				Net Block	
	Cost / valuation As at beginning of the year	Additions during the year	Deductions during the year	Cost / valuation at the year end	As at the beginning of the year	On Additions during the year	On Deductions during the year	Total upto the year end	As at the current year end	As at the previous year end
A. FIXED ASSETS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1. a) Freehold	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b) Leasehold	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. BUILDING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
a) On Freehold Land	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b) On Leasehold Land	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
c) Ownership Flats/ Premises	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
d) Superstructures on Land not belonging to the entity	117850000.00	0.00	0.00	117850000.00	31937350.00	8591265.00	0.00	40528615.00	77321385.00	85912650.00
3. Plant Machinery & Equipment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4. Vehicles	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5. Furniture & Fixtures	1610059.60	0.00	0.00	1610059.60	1081918.50	52814.11	0.00	1134732.61	475326.99	528141.10
6. Office Equipment	19919351.06	56810.00	0.00	19976161.06	14708693.43	787884.39	0.00	15496577.82	4479583.24	5210657.63
7. Computer/peripherals	3889853.00	600099.00	600.00	4489352.00	3132524.48	708732.91	0.00	3841257.39	648094.61	757328.52
8. Electric Installations	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9. Library Books	5285366.55	61578.00	0.00	5346944.55	5272713.55	48492.00	0.00	5321205.55	25739.00	12653.00
10. Tubewell & W. Supply	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11. Other Fixed Assets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Of Current Year	148554630.21	718487.00	600.00	149272517.21	56133199.96	10189188.41	0.00	66322388.37	82950128.84	92421430.25
Previous Year	147861871.21	701249.00	8490.00	148554630.21	44301715.36	11831484.60	0.00	56133199.96	92421430.25	103560155.85
B. Capital Work In Progress										

Cost of Assets on hire purchase basis included above

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Technology Information Forecasting and Assessment Council (TIFAC) (Regular) Schedules Forming Part of Balance Sheet as at 31.03.2008

Schedule 9 - Investments From Earmarked / Endowment Funds

(Amount-Rs.)

	Current Year	Previous Year
1. In Government Securities	0.00	0.00
2. Other approved Securities	0.00	0.00
3. Shares	0.00	0.00
4. Debentures and Bonds	0.00	0.00
5. Subsidiaries and Joint Ventures	0.00	0.00
6. Others (to be specified)	0.00	0.00
TOTAL	0.00	0.00

Schedule 10 - Investments - Others

(Amount-Rs.)

	Current Year	Previous Year
1. In Government Securities	0.00	0.00
2. Other approved Securities	0.00	0.00
3. Shares	0.00	0.00
4. Debentures and Bonds	0.00	0.00
5. Subsidiaries and Joint Ventures	0.00	0.00
6. Others (to be specified)	0.00	0.00
TOTAL	0.00	0.00



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Technology Information Forecasting and Assessment Council (TIFAC) (Regular) Schedules Forming Part of Balance Sheet as at 31.03.2008

Schedule 11 - Current Assets, Loans, Advances etc.

(Amount-Rs.)

	Current Year		Previous Year	
A. CURRENT ASSETS				
1. Inventories:				
a) Stores and Spares	0.00		0.00	
b) Loose Tools	0.00		0.00	
c) Stock-in-trade				
Finished Goods	0.00		0.00	
Work-in-progress	0.00		0.00	
Raw Materials	0.00		0.00	
2. Sundry Debtors:				
Sundry Debtor – DST	2639680.00		2639680.00	
Sundry Debtors-MTNL	5357.00		5357.00	
Sundry Debtors – Honorarium	5000.00		5000.00	
Sundry Debtor – STM	41058083.00	43708120.00	40000000.00	42650037.00
3. Cash balances in hand (including cheques/drafts and imprest)		7468.00		3097.00
4. Bank Balances:				
a) With Scheduled Banks: (Union Bank of India)				
On Current Accounts	0.00		0.00	
On Deposit Accounts (Short term deposits) (Annex 7)	328273280.00		468888065.00	
On Savings Accounts	5847010.20		0.00	
On Interest Receivable	0.00	334120290.20	26094134.23	494982199.23
b) With non-Scheduled Banks:			0.00	
On Current Accounts		0.00		0.00
On Deposit Accounts		0.00		0.00
On Savings Accounts		0.00		0.00
5. Post Office-Savings Accounts		0.00		0.00
TOTAL (A)		377835878.20		537635333.23

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(Amount-Rs.)

	Current Year		Previous Year	
B. LOANS, ADVANCES AND OTHER ASSETS				
1. Loans a) Staff (Annexure No. 1)		1491413.00		985628.00
2. Advance and other amounts recoverable in cash or in kind or for value to be received.				
a) On capital Account				
1) Advance for projects materials				
IIM Bangalore	2630.00		2630.00	
SAIL NMPP.	19736.55	22366.55	19736.55	22366.55
b) Prepayments		0.00		0.00
c) Others				
- Advance : Franking Machine	26158.00		14307.00	
- Security Deposit Lease Accommodation (Sh.G.Srinivas)	29500.00		29500.00	
- Security Deposit with Hauz Khas P.O.	17.00		17.00	
- Security Deposit MTNL	67500.00		67500.00	
- Advance to BISR (Haldwani)	76173.00		76173.00	
- Construction of Reception Office (DST)	3259953.00		3259953.00	
- Advance : Le-Meridian Hotel	0.00		489.00	
- Security Deposit:S.R.Enterprises	2700.00		2700.00	
- Security Deposit Tata Teleservices Ltd.	16000.00		16000.00	
- Security Deposit : Guest House	46000.00		0.00	
- Security Deposit : M/s Mannu Lal & Sons	47986.00	3571987.00	47986.00	3514625.00
3. Income Accrued:-				
a) On Investments from Earmarked/ Endowment Funds	0.00		0.00	
b) On Investment – Others	0.00		0.00	
c) On Loans and Advances	0.00		0.00	
d) Others (includes income due unrealized Rs.....)	0.00		0.00	
4. Claims Receivable				
Interest HBA : Dr. D.N. Singh		0.00		4518.00
Security Deposit : Guest House (Sarupriya Vihar)		10000.00		75000.00
M/s India International Centre (Prof.Anand Patwardhan)		5014.00		0.00
Advance : Ashok Hotel		200000.00		200000.00
CPF		732.00		732.00



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(Amount-Rs.)

	Current Year		Previous Year	
India-IIASA Joint Workshop		1242295.00		0.00
Advance : Kendriya Vidyalaya JNU		20380.00		0.00
International Congress Seminar Expenses		2118686.00		2086341.00
Advance : DAVP		207947.00		119538.00
Advance : India International Centre		41368.00		15003.00
Advance : BAIF Development Research Foundation, Pune		50000.00		50000.00
Security Deposit (Directorate of Estate)		2400.00		2400.00
Sundry Debtor : Fly Ash Consultancy Account		16842.00		11224.00
Sundry Debtor : Assistant Director, Institute of Secretarial Training & Management		0.00		4000.00
Sundry Debtor : Central Institute of Road Transportation		10936.00		0.00
Advance : TIFAC CORE in Wireless Technology		1365850.00		0.00
Advance : Agro And Industrial Bio Technology, TIET, Patiala		717434.00		0.00
Advance : Hotel Janpath		599.00		0.00
Advance : SINE-TEPP Fund		22700.00		0.00
Education Cess		54.00		0.00
DRDO – PFC (Annex 17)		490.00		0.00
Income Tax		1817.00		0.00
IIASA –TIFAC Joint Study		9111767.00		0.00
Total – B		20233077.55		7091375.55
Total (A + B)		398068955.75		544726708.78

Schedule 11A - Capital Fund in Progress

(Amount-Rs.)

	Current Year		Previous Year	
i) Advance Mobilisation (HVAC)	986413.00		986413.00	
ii) Interior Work of TIFAC Building(Civil/Elect)	44091458.00	45077871.00	44091458.00	45077871.00
		45077871.00		45077871.00

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Technology Information Forecasting and Assessment Council (TIFAC) (Regular) Schedules Forming Part of Income & Expenditure for the Year Ended 31.03.2008

Schedule 12 - Income From Sales / Services

(Amount-Rs.)

	Current Year	Previous Year
1. Income from Sales		
a) Sale of finished Goods	0.00	0.00
b) Sale of Raw Material	0.00	0.00
c) Sale of Scraps	0.00	0.00
2. Income from Services		
a) Labour and Processing Charges	0.00	0.00
b) Professional/Consultancy Services	0.00	0.00
c) Agency Commissions and Brokerage	0.00	0.00
d) Maintenance Services (Equipment/Property)	0.00	0.00
e) Others (Specify)	0.00	0.00
TOTAL	0.00	0.00

Schedule 13 - Grants/Subsidies (TIFAC Regular)

(Amount-Rs.)

	Current Year	Previous Year
(Irrevocable Grants & Subsidies Received)		
1. From Central Government		
A. TIFAC GRANTS		
Grants in Aid (Plan)	4545307.00	6500000.00
Grant in Aid (Non plan)	900000.00	760000.00
2. State Government(s)		
3. Government Agencies		
4. Institutions/Welfare Bodies		
5. International Organisations		
6. Others (Specify)		
TOTAL	5445307.00	7260000.00



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Technology Information Forecasting and Assessment Council (TIFAC) (Regular) Schedules Forming Part of Income & Expenditure for the Year Ended 31.03.2008

Schedule 14 - Fees/Subscriptions

(Amount-Rs.)

	Current Year	Previous Year
1. Entrance Fees	0.00	0.00
2. Annual Fees/Subscriptions	0.00	0.00
3. Seminar/Program Fees	0.00	0.00
4. Consultancy Fees	0.00	0.00
5. Others (Specify)		
i) Tender Form for Disposal of Old Items	0.00	1400.00
ii) Tender for Car Hiring Account	4500.00	0.00
iii) Technology Transfer Fee	0.00	0.00
iv) RTIA Questions	50.00	150.00
v) Tender for Housekeeping at TIFAC	6500.00	0.00
TOTAL	11050.00	1550.00

Schedule 15 - Income from Investments

(Amount-Rs.)

	Investment from Earmarked Fund		Investment – Others	
	Current Year	Previous Year	Current Year	Previous Year
1. Interest				
a) On Govt. Securities	0.00	0.00	0.00	0.00
b) Other Bonds/Debentures	0.00	0.00	0.00	0.00
2. Dividends:				
a) On Shares	0.00	0.00	0.00	0.00
b) On Mutual Fund Securities	0.00	0.00	0.00	0.00
3. Rents	0.00	0.00	0.00	0.00
4. Others (Specify)	0.00	0.00	0.00	0.00
TOTAL	0.00	0.00	0.00	0.00

Transferred To Earmarked/endowment Funds

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Technology Information Forecasting and Assessment Council (TIFAC) (Regular) Schedules Forming Part of Income & Expenditure for the Year Ended 31.03.2008

Schedule 16 - Income From Royalty, Publication Etc.

(Amount-Rs.)

	Current Year	Previous Year
1. Income from Publications	231125.00	351908.00
TOTAL	231125.00	351908.00

Schedule 17 - Interest Earned (Regular)

(Amount-Rs.)

	Current Year	Previous Year
1. On Term Deposits:		
a) With Scheduled Banks	2780136.00	14987304.00
b) With Non-Scheduled Banks	0.00	0.00
c) With Institutions	0.00	0.00
d) Others	0.00	0.00
2. On Savings Accounts:		
a) With Scheduled Banks	347605.00	709779.00
b) With Non-Scheduled Banks	0.00	0.00
c) Post Office Savings Accounts	0.00	0.00
d) Others	0.00	0.00
3. On Loans:		
a) Employees/Staff (LTA, Scooter & Car)	71699.00	6969.00
b) Others		
i) H.B.A:Sh.N.S.Nair	84000.00	0.00
ii) H.B.A:Dr.D.N.Singh	40482.00	0.00
4. Interest on Debtors and Other Receivables		
TOTAL	3323922.00	15704052.00

Note - Tax deducted at source to be indicated



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Technology Information Forecasting and Assessment Council (TIFAC) (Regular) Schedules Forming Part of Income & Expenditure for the Period/Year Ended 31.03.2008

Schedule 18 - Other Income

(Amount-Rs.)

	Current Year	Previous Year
1. Profit on Sale/disposal of Assets		
a) Owned assets	0.00	0.00
2. Assets acquired out of grants, or received free of cost	0.00	0.00
3. Export Incentives realized	0.00	0.00
4. Fees for Miscellaneous Services	0.00	0.00
5. Miscellaneous Income		
- Other receipts (computers)	13500.00	19500.00
- Other receipts	159435.00	375737.00
- Leave Salary & Pension Contribution	27774.00	5039.00
TOTAL	200709.00	400276.00

Schedule 19 - Increase/(Decrease) in Stock of Finished Goods & Work in Progress

(Amount-Rs.)

	Current Year	Previous Year
a) Closing stock		
- Finished Goods	0.00	0.00
- Work-in-progress	0.00	0.00
b) Less: Opening Stock		
- Finished Goods	0.00	0.00
- Work -in-progress	0.00	0.00
NET INCREASE/(DECREASE) [a-b]	0.00	0.00

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Technology Information Forecasting and Assessment Council (TIFAC) (Regular) Schedules Forming Part of Income & Expenditure for the Period/Tear Ended 31.03.2008

Schedule 20 - Refund From Projects (TIFAC Regular Accounts)

(Amount-Rs.)

	Current Year	Previous Year
1. Home Grown Technology (Annex 5)	22947750.00	20900801.00
2. Fly Ash Utilisation Programme (Annex 5)	0.00	125000.00
3. Advanced Composites Programme (Annex 5)	10540480.00	6332620.00
4. TePP Project (Annex 5)	111400.00	0.00
TOTAL	33599630.00	27358421.00

Schedule 21 - Establishment Expenses (TIFAC Regular)

(Amount-Rs.)

	Current Year	Previous Year
a) Salaries	15219243.00	14859957.00
b) TIFAC Contribution to Provident Fund	1331945.00	23850.00
c) Others (Specify)		
- Consulting charges	0.00	96984.00
- Honorarium	37600.00	132714.00
- Medical Expenses	1148587.00	821495.00
- Leave Travel Concession	306789.00	514280.00
- Gratuity	110269.00	0.00
- Encashment of Leave	88363.00	0.00
- Stipend	25000.00	0.00
TOTAL	18267796.00	16449280.00



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Technology Information Forecasting and Assessment Council (TIFAC) (Regular) Schedules Forming Part of Income & Expenditure for the Year Ended 31.03.2008

Schedule 22 - Administrative Expenses Etc.

(Amount-Rs.)

	Current Year	Previous Year
a) Repairs and maintenance	705005.00	334944.00
b) Rent, Rates and Taxes	294422.00	449010.00
c) Car Hire Charges	1537764.00	1323690.00
d) Postage, Telephone and Communication Charges	2479951.00	2401439.00
e) Printing and Stationary	1275733.00	1600135.00
f) Travelling and Conveyance Expenses	308614.00	171820.00
g) Subscription Expenses	302863.00	872633.00
h) Expenses on Fees (Tuition fee)	6840.00	6680.00
i) Auditors Remuneration	19775.00	20491.00
j) Advertisement and Publicity	138521.00	159670.00
k) Others (Specify)		
- Bank Charges	7039.00	3119.00
- MISC. Office Expenses	1076137.00	2258836.00
- Membership Fee	14136.00	11224.00
l) Maintenance of Vishwakarma Bhavan	3566979.00	0.00
m) Legal Charges	1492108.00	593898.00
n) WAITRA Membership	37423.00	0.00
o) Rajabhasha Committee Meeting	25750.00	14000.00
p) Incentive for Higher Qualification	10000.00	0.00
q) Travel Abroad	1146898.90	706963.50
r) Data Subscription	839490.00	0.00
s) Housekeeping of TIFAC Building	1034091.00	0.00
TOTAL	16319539.90	10928552.50

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Technology Information Forecasting and Assessment Council (TIFAC) (Regular) Schedules Forming Part of Income & Expenditure for the Year Ended 31.03.2008

Schedule 23 - Expenditure on Grants, Subsidies etc.

(Amount-Rs.)

	Current Year	Previous Year
a) Grants given to Institutions/Organisations		
Project Expenditure (As per Annexure-4)	52859511.00	63027270.00
b) Subsidies given to Institutions/Organisations	0.00	0.00
TOTAL	52859511.00	63027270.00

Note : Name of the Entities, their Activities along with the amount of Grants/Subsidies are to be disclosed.

Schedule 24 - Interest

(Amount-Rs.)

	Current Year	Previous Year
a) On Fixed Loans (Including Bank Charges)	0.00	0.00
b) On Other Loans (including Bank Charges)	0.00	0.00
c) Others (Specify)	0.00	0.00
TOTAL	0.00	0.00



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T.I.F.A.C Technology Vision 2020 Schedules Forming Part of Income & Expenditure for the Year Ended 31.03.2008

Schedule 25 - Grants/Subsidies (Vision 2020)

(Amount-Rs.)

	Current Year	Previous Year
(Irrevocable Grants & Subsidies Received)		
1. From Central Government		
A. Technology Vision 2020 GRANTS		
Grants in Aid (Plan)	0.00	0.00
Grant in Aid (Non plan)	0.00	0.00
2. State Government(s)	0.00	0.00
3. Government Agencies	0.00	0.00
4. Institutions/Welfare Bodies	0.00	0.00
5. International Organisations	0.00	0.00
6. Others (Specify)	0.00	0.00
TOTAL	0.00	0.00

Schedule 26 - Interest Earned

(Amount-Rs.)

	Current Year	Previous Year
1. On Term Deposits:		
a) With Scheduled Banks (Annexure 2)	20223368.00	11443911.00
b) With Non-Scheduled Banks	0.00	0.00
c) With Institutions	0.00	0.00
d) Others (Interest Long Term Deposit)	1491.00	0.00
TOTAL	20224859.00	11443911.00

Note - Tax deducted at source to be indicated

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T.I.F.A.C Technology Vision 2020 Schedules Forming Part of Income & Expenditure for the Year Ended 31.03.2008

Schedule - 27

(Amount-Rs.)

	Current Year	Previous Year
Refund from Project (Technology Vision 2020)	45340095.87	29287292.29
TOTAL	45340095.87	29287292.29

Schedule - 28

(Amount-Rs.)

	Current Year	Previous Year
Establishment & Administrative Expenditure (Annexure 6)	7013511.00	6104866.00
TOTAL	7013511.00	6104866.00

Schedule - 29

(Amount-Rs.)

	Current Year	Previous Year
Project Expenditure (Annexure 6 A)	149946776.00	120406744.00
TOTAL	149946776.00	120406744.00



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T.I.F.A.C Patent Facilitating Centre Schedules Forming Part of Income & Expenditure for the Year Ended 31.03.2008

Schedule 30 - Grants/Subsidies

(Amount-Rs.)

	Current Year	Previous Year
(Irrevocable Grants & Subsidies Received)		
1. From Central Government		
A. Patent Facilitating Centre GRANTS		
Grants in Aid (Plan)	15000000.00	12500000.00
Grant in Aid (Non plan)	0.00	0.00
2. State Government(s)	0.00	0.00
3. Government Agencies	0.00	0.00
4. Institutions/Welfare Bodies	0.00	0.00
5. International Organisations	0.00	0.00
6. Others (Specify)	0.00	0.00
TOTAL	15000000.00	12500000.00

Schedule 31 - Interest Earned

(Amount-Rs.)

	Current Year	Previous Year
1. On Term Deposits:		
a) With Scheduled Banks -	0.00	0.00
b) With Non-Scheduled Banks	0.00	0.00
c) With Institutions	0.00	0.00
d) Others (Interest :Scooter Adv)	12315.00	0.00
TOTAL	12315.00	0.00

Note - Tax deducted at source to be indicated

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T.I.F.A.C Patent Facilitating Centre Schedules Forming Part of Income & Expenditure for the Year Ended 31.03.2008

Schedule - 32

(Amount-Rs.)

	Current Year	Previous Year
Other Income (Annexure 3)	131269.00	186624.00
TOTAL	131269.00	186624.00

Schedule - 33

(Amount-Rs.)

	Current Year	Previous Year
ESTABLISHMENT & ADMINISTRATIVE EXPENDITURE (Annexure 3 A)	7554056.00	8410492.00
TOTAL	7554056.00	8410492.00

Schedule - 34

(Amount-Rs.)

	Current Year	Previous Year
Project Expenditure (Annexure 3 B)	4821496.00	6797515.00
TOTAL	4821496.00	6797515.00



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T.I.F.A.C Scholarship for Women Scientists Schedules Forming Part of Income & Expenditure for the Year Ended 31.03.2008

Schedule 35 - Grants/Subsidies

(Amount-Rs.)

	Current Year	Previous Year
(Irrevocable Grants & Subsidies Received)		
1. From Central Government		
A. SCHOLARSHIP FOR WOMEN SCIENTISTS GRANTS		
Grants in Aid (Plan)	7892000.00	900000.00
Grant in Aid (Non plan)	0.00	0.00
2. State Government(s)	0.00	0.00
3. Government Agencies	0.00	0.00
4. Institutions/Welfare Bodies	0.00	0.00
5. International Organisations	0.00	0.00
6. Others (Specify)	0.00	0.00
TOTAL	7892000.00	900000.00

Schedule 36 - Interest Earned

(Amount-Rs.)

	Current Year	Previous Year
1. On Term Deposits:		
a) With Scheduled Banks	0.00	0.00
b) With Non-Scheduled Banks	0.00	0.00
c) With Institutions	0.00	0.00
d) Others	0.00	0.00
TOTAL	0.00	0.00

Note - Tax deducted at source to be indicated

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T.I.F.A.C Scholarship For Women Scientists Schedules Forming Part of Income & Expenditure for the Year Ended 31.03.2008

Schedule - 37

(Amount-Rs.)

	Current Year	Previous Year
Other Income	1697.00	0.00
TOTAL	1697.00	0.00

Schedule - 38

(Amount-Rs.)

	Current Year	Previous Year
Expenditure (Stipend to women Scientist including exam expenses)	6460756.00	3000293.00
TOTAL	6460756.00	3000293.00



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T.I.F.A.C CORE-Group on Automotive Research (CAR) Schedules Forming Part of Income & Expenditure for the Year Ended 31.03.2008

Schedule 39 - Grants/Subsidies

(Amount-Rs.)

	Current Year	Previous Year
(Irrevocable Grants & Subsidies Received)		
1. From Central Government	0.00	0.00
A. CORE-Group on Automotive Research (CAR)	0.00	0.00
Grants in Aid (Plan) (PSA)	0.00	0.00
Grants in Aid (Plan) (Heavy Industries)	0.00	0.00
Grant in Aid (Non plan)	0.00	0.00
2. State Government(s)	0.00	0.00
3. Government Agencies	0.00	0.00
4. Institutions/Welfare Bodies	0.00	0.00
5. International Organisations	0.00	0.00
6. Others (Specify)	0.00	0.00
TOTAL	0.00	0.00

Schedule 40 - Interest Earned

(Amount-Rs.)

	Current Year	Previous Year
1. On Term Deposits:		
a) With Scheduled Banks	0.00	0.00
b) With Non-Scheduled Banks	0.00	0.00
c) With Institutions	0.00	0.00
d) Others	0.00	0.00
TOTAL	0.00	0.00

Note - Tax deducted at source to be indicated

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T.I.F.A.C CORE-Group on Automotive Research (CAR) Schedules Forming Part of Income & Expenditure for the Year Ended 31.03.2008

Schedule - 41

(Amount-Rs.)

	Current Year	Previous Year
Other Income	0.00	0.00
TOTAL	0.00	0.00

Schedule - 42

(Amount-Rs.)

	Current Year	Previous Year
Establishment & Administrative Expenditure (Annexure16)	0.00	64131.00
TOTAL	0.00	64131.00

Schedule - 43

(Amount-Rs.)

	Current Year	Previous Year
Project Expenditure (Annexure16 A)	21000000.00	51100379.00
TOTAL	21000000.00	51100379.00



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Technology Information, Forecasting & Assessment Council Schedules Forming Part of Accounts for the Period Ended 31.03.2008

Schedule - 44

ACCOUNTING POLICIES AND NOTES TO THE ACCOUNTS FOR THE YEAR ENDING 31ST MARCH, 2008

A) ACCOUNTING POLICIES

- 1 The Council has adopted Mercantile System of the Accounting.
- 2 Fixed Assets are shown at cost Less Depreciation.
- 3 Prior period and extra ordinary items and changes in accounting policies having material impact on the financial affairs of the Council are disclosed.
- 4 Depreciation has been calculated as per Income Tax Act, 1961. Deviation are as per Note B(1) Below
- 5 Amounts released under various projects are accounted as expenditure for the year in which the same are released, irrespective of the fact that the amounts so released may not have been fully utilised towards the projects during the accounting year.
- 6 Unspent amount of grant received during the year for specific purposes has transferred to Capital Account.
- 7 The repayment of grant / assistance to TIFAC by the beneficiaries, as per condition stated in agreements with them shall be accounted on receipt basis.
- 8 All disbursements for projects are treated as expenditure during the Financial Year and assets created, if any, out of the said disbursements to the project, are not accounted for as assets in the books.
- 9 Contingent liabilities in respect of on-going Projects / Studies etc. are neither provided nor determined.
- 10 Total expenditure is not bifurcated in plan and non plan expenditures in financial statements.

B) NOTES TO THE ACCOUNTS

- 1 Stock of Publications and Studies, which are published and printed by the Council and distributed at a cost are not accounted for as Stock in hand at the end of the year.
- 2 Audited financial statements / utilization statements duly certified by Chartered Accountants in respect of grant utilized / released during the year has not yet been received in some cases from the implementing agencies.
- 3 There are no query / note by parliament / Department of Science and Technology outstanding in respect of previous audited accounts of TIFAC. This is as certified by the registrar.
4. Previous year figures have been regrouped wherever necessary, to make them comparable with current year figures.

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5. Accounts have been prepared as per New format provided by CAG for Non-profit organization. Previous year's figures have also been re-arranged as per new format. The format for Income & Expenditure A/cs has been changed in order to reflect all types of grants received by TIFAC in the account. The previous year's figures have been regrouped accordingly in the Income & Expenditure Account.
6. Liability towards gratuity payable on death/retirement of employees is not provided for.
7. Provision for accumulated leave encashment benefit to employees is not provided for.
8. Previous year adjustment of Rs.6106612/- related to the income booked in the earlier years against cheque bounced has been reversed in the current year.

As per our report of even date Annexed herewith

for **Chandiwala Gupta & Associates**
Chartered Accountants

Sd/-
(BHARAT BHUSHAN)
PARTNER

Sd/-
ACCOUNTS OFFICER

Sd/-
REGISTRAR

Sd/-
EXECUTIVE DIRECTOR

Date : 07.07.2008

Place : New Delhi



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Technology Information, Forecasting & Assessment Council Schedules Forming Part of Accounts for the Period Ended 31.03.2008

Schedule 45 - Contingent Liabilities and Notes on Accounts (Illustrative)

1. Contingent Liabilities

1.1 Claims against the Entity not acknowledged as debts - Rs. _____ NIL _____ (Previous year Rs. _____ NIL _____)

1.2 In respect of

- Bank guarantees given by/on behalf of the Entity – Rs. _____ NIL _____ (Previous year Rs. _____ NIL _____)
- Letters of Credit opened by Bank on behalf of the Entity – Rs. _____ NIL _____ (Previous year Rs. _____ NIL _____)
- Bills discounted with banks Rs. _____ NIL _____ (Previous year Rs. _____ NIL _____)

1.3 Disputed demands in respect of :

Income-tax Rs. _____ NIL _____ (Previous year Rs. _____ NIL _____)

Sales-tax Rs. _____ NIL _____ (Previous year Rs. _____ NIL _____)

Municipal Taxes Rs. _____ NIL _____ (Previous year Rs. _____ NIL _____)

1.4 In respect of claims from parties for non-execution of orders, but contested by the Entity – Rs. _____ NIL _____

(Previous year Rs. _____ NIL _____)

2. CAPITAL COMMITMENTS

Estimated value of contracts remaining to be executed on capital account and not provided for (net of advances) Rs. _____ NIL _____ (Previous year Rs. _____ NIL _____)

3. LEASE OBLIGATIONS

Future obligations for rentals under finance lease arrangements for plant and machinery amount to Rs. _____ NIL _____ (Previous year Rs. _____ NIL _____)

4. CURRENT ASSETS, LOANS AND ADVANCES

In the opinion of the Management, the current assets, loans and advances have a value on realization in the ordinary course of business, equal at least to the aggregate amount shown in the Balance Sheet.

5. TAXATION

In view of there being no taxable income under Income-tax Act 1961, no provision for Income Tax has been considered necessary.

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Technology Information, Forecasting & Assessment Council Schedules Forming Part of Accounts for the Period Ended 31.03.2008

Schedule 46 - Contingent Liabilities and Notes on Accounts (Illustrative) - Contd.

6. FOREIGN CURRENCY TRANSACTIONS

(Amount-Rs.)

	Current Year	Previous Year
6.1 Value of Imports Calculated on C.I.F. Basis:		
- Purchase of finished Goods	N.A.	N.A.
- Raw Materials & Components (Including in transit)	N.A.	N.A.
- Capital Goods	N.A.	N.A.
- Stores, Spares and Consumables	N.A.	N.A.
6.2 Expenditure in foreign currency:		
a) Travel	N.A.	N.A.
b) Remittances and Interest payment to Financial Institutions/ Banks in Foreign Currency	N.A.	N.A.
c) Other expenditure:		
- Commission on Sale	N.A.	N.A.
- Legal and Professional Expenses	N.A.	N.A.
- Miscellaneous Expenses	N.A.	N.A.
6.3. Earnings:		
Value of Exports on FO basis	N.A.	N.A.
6.4. Remuneration to auditors:		
As Auditors	19775.00	20491.00
- Taxation matters	0.00	0.00
- For Management services	0.00	0.00
- For certificate	0.00	0.00
Others		

7. Corresponding figures for the previous year have been regrouped/rearranged, wherever necessary.

8. Schedules 1 to 46 are annexed to and form an integral part of the Balance Sheet as at 31.03.2008 and the Income and Expenditure Account for the year ended on that date.



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STAFF ADVANCES

Annexure-1

A Advances	Current Year Amount (Rs.)	Previous Year (Amount (Rs.))
ADVANCE		
RDCIS, Ranchi	4852.00	4852.00
Staff Advance		
Ms.Geeta Nair	4500.00	0.00
Shri Ravi Dutt.	0.00	500.00
Dr.Gautam Goswami	5000.00	0.00
Shri Anil Kumar Rai	1844.00	7844.00
Shri Surender Kumar	8500.00	4000.00
Shri Kamal Singh	0.00	3000.00
Shri.Arbind Kumar Singh	0.00	2000.00
Shri Sushil Kumar Jha	6500.00	2000.00
Shri Rajan Sharma	8500.00	0.00
Ms.Uma Daral	9000.00	0.00
Shri.Aneesh S	6000.00	0.00
Ms. Poonam Nagpal	8500.00	0.00
Shri.Surender Prasad	4000.00	10000.00
Ms.Jancy A	0.00	10000.00
Shri.Ujjwal Kumar	0.00	4500.00
Shri.Sanjay Sundriyal	3000.00	9000.00
Shri.Sh.Suresh Babu	10000.00	0.00
B. HBA Advance		
Mr.SH.P.R.Basak	645000.00	0.00
C. Scooter Advance		
Shri Shambhu Kumar	0.00	500.00
Shri. Ranbir Singh	0.00	2450.00
D. Car Advance		
Shri A.K. Ahuja	136000.00	38750.00
Shri.N.S.Nair	1280.00	14720.00
Shri.Deepak Bhatnagar	12000.00	48000.00

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A Advances	Current Year Amount (Rs.)	Previous Year (Amount (Rs.))
Shri.Suresh Kumar K	127800.00	149400.0
Dr.Gautam Goswami	138000.00	156000.00
Sh.Sanjay Singh	88200.00	180000.00
Dr.D.N.Singh	138000.00	0.00
E. LTC		
Shri.Aneesh S	4200.00	0.00
Sh.Suresh Kumar K	0.00	1602.00
Sh.Sanjay Singh	0.00	26640.00
Ms Geeta Nair	0.00	13122.00
Sh.Surender Prasad	0.00	1820.00
Sh.Samson Gerorge	0.00	155.00
F. Tour Advance		
Shri.Deepak Bhatnagar	0.00	256.00
Ms.Kiran A Zacharia	0.00	95.00
Shri. Sajid Mubashir	81042.00	81042.00
Dr. G.Srinivas	0.00	67000.00
Sh.Arbind Kumar Singh	0.00	59778.00
Sh.Mukesh Mathur	0.00	1311.00
Sh.Pulak Ranjan Basak	0.00	60678.00
Sh.Debabrata Majumdar	0.00	7424.00
Sh.Vipan Shukala	0.00	2130.00
Sh.Anand Patwardhan	39695.00	3649.00
G. Advances for Office Use		
Sh.Samson George	0.00	4000.00
Sh. Mahipal Singh	0.00	2410.00
Sh.Sanjay Sundriyal	0.00	1500.00
Sh.Ranbir Singh	0.00	3500.00
Total	1491413.00	985628.00



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Interest Earned (Technology Vision 2020)

Annexure-2

1. On Term Deposits	Current Year Amount (Rs.)	Previous Year (Amount (Rs.))
— Vision 2020	20223368.00	8155453.00
— Road Construction & Transportation	0.00	3288458.00
Total	20223368.00	11443911.00

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Patent Facilitating Centre

Annexure -3

Particulars	Current Year Amount (Rs.)	Previous Year (Amount (Rs.))
Other Income		
Other Receipts	83.00	14135.00
Patent search charges	9451.00	18000.00
CD ROM Ekaswa A & B	114535.00	154489.00
Other Receipts (Computers)	7200.00	0.00
Total	131269.00	186624.00

Patent Facilitating Centre

Annexure -3A

Particulars	Current Year Amount (Rs.)	Previous Year (Amount (Rs.))
Establishment & Administrative Expenditure		
Salary	1463388.00	1493913.00
Medical Reimbursement	90574.00	86608.00
Honorarium	0.00	3545.00
Leave Travel Concession	13152.00	93082.00
Tution Fee	960.00	480.00
Printing Charges	207877.00	277678.00
Miscellaneous Office Expenses	448087.00	132260.00
Conveyance	2521.00	2024.00
Telephone & Telex	19686.00	34223.00
Postage & Courier	92752.00	142096.00
Filing of Patent	4342196.00	5814825.00
Ekaswa A& B CD Rom	51890.00	0.00
TIFAC Contributory Provident Fund	130779.00	0.00
Car hire charges, annual subscription, - periodicals & Magazines, stationery, Meeting Expenses, - Traveling Expenses etc.	309403.00	88146.00
Repair & maintenance	18478.00	17378.00
Patent Search Charges	149151.00	190016.00
Indo-US Technology (TIFAC Expenditure)	213162.00	34218.00
Total	7554056.00	8410492.00



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Patent Facilitating Centre

Annexure -3B

Particulars	Current Year Amount (Rs.)	Previous Year (Amount (Rs.))
Project Expenditure		
Patent information Centre Kolkata	176000.00	90000.00
Patent information Centre GB	157630.00	197119.00
Patent information Centre Tripura	197500.00	424665.00
Patent Information Centre (ASTEC)	217500.00	228069.00
Patent Information Centre, MP Council S&T	205000.00	162000.00
Patent Information Centre, (PSCST)	202000.00	290830.00
Patent Information Centre, (KSCST)	295000.00	213184.00
Patent Information Centre, Shimla	264787.00	0.00
Patent Information Centre, Raipur	0.00	329048.00
Patent Information Centre, Sikkim	217000.00	165000.00
Patent Information Centre, Jaipur	0.00	647250.00
Patent Information Centre, Lucknow	637000.00	0.00
Intellectual Property Facilitation	0.00	1500000.00
Project related Expenditure (including patent workshop expenses)	2252079.00	2550350.00
Total	4821496.00	6797515.00

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Project Expenses (TIFAC Regular Account)

Annexure -4

Particulars	Current Year Amount (Rs.)
Follow-Up Action/Special Initiatives	
Pesticide Encyclopedia	1924000.00
Optimum Utilization for Large Scale Turmeric Cultivation as a commercial Crop in Mizoram State	600000.00
TIFAC Nodel Technology Information Centre, Almora	187353.00
Sub Schedule Total	2711353.00
HOME GROWN TECHNOLOGIES	
Project related expenses	67109.00
Sub Schedule Total	67109.00
TECHNO MARKET SURVEY	
Study on Vaccines and Molecular Diagnostics	106000.00
Sub schedule – Total	106000.00
TePP PROJECTS	
Project related expenses	254221.00
Device of Lifting the chessies of the vehicle (Hydraulic)	75000.00
Efficient Environment Friendly Geysers	188000.00
Design and Development of Indigenous Drug on Diabetes –II	190000.00
TePP Outreach Centre (TUC) (CGCRI)	3830000.00
Design & Development of Machine to produce surgical Bandages	200000.00
Life Operating on Potential Energy	85000.00
Low Cost Greenhouse Structure	200000.00
Trolley with Jack for Disabled Persons	120000.00
Scientific Experimentation of Homoeo Plant Nutrients and Plant Protectors	130000.00
Production of Organic Manure and Methane Gas	530100.00
Intellegent Energy Efficient Power Generation Using Wind Power	8755.00
Human Powered Mobile Charges	330000.00
Designing a Low Cost Yoghurt Making Equipment	8750.00
Synthesis of Laser Grade Rhodamine-6G Dye (99.9% Pure, Absorption Mazimum 530 NM & the Lasing Max	297000.00
Performance Evaluation of Indigenous Dialysis Device	85000.00
Creatin of New CD on TePP Success Stories	529580.00
Business Plan Competition of TePP Technologies by Indian School of Business (ISB), Hyderabad	225000.00
Setting up a Project monitoring web portal at IIT Bombay	1545000.00
International Conference & Networking Event	400000.00
Autonomous Mini UAV for Aerial Surveillance	880000.00
Development of Process Technology for Production of Photographic Film	775950.00
Optoelectronic Diameter	24750.00
Indian Innovation Summit 2007	400000.00
Improved Grining Machine for Paste & Powder making in wet & Dry Condition of Soft Material	484000.00



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Training-cum-Orientation for TePP outreach Centre	225000.00
Single Degree of Freedom rated Table	880000.00
Novel Internal Combustion Engine	443850.00
Development of Thermal Conductivity Measuring Apparatus	198000.00
All purpose Cleaning Machine	99000.00
Solar Water Heater with Fused Tube Lights	33000.00
Creative Training Programme for TePP officials	40000.00
Additives for Petrol/Diesel	94281.00
Fungal Biosorbents for Removal of Water Hardness	141000.00
Development of Commercial Prototype of Plant oil stove	69691.00
New Process of Palleting Poultry Feed in mini Plant	425000.00
Development of Low Cost Wide Field Digital Camera for Fungus Photography	165250.00
Design of a novel model loom for carpet weaving of Tufted Carpet	240000.00
Bearing Mounting and De-Mounting Device for four wheeler vehicles	41250.00
Sub Schedule Total	14891428.00
Fly Ash Utilisation Programme	
Pilot Scale Demonstration & Techno-Economic Evaluation High Volume Flux Bonded Fly Ash Building	50000.00
Exploration of Removal of Pollutants from Waste water Using Fly Ash & Sunlight	300000.00
Sub schedule Total	350000.00
Advanced Composite Programme	
Composite Applications Laboratory at Department of Chemical Engineering IIT-Kharagpur	6000000.00
High Speed Planing Type Composite Boats	2850000.00
Development of Composite Bracket Assembly for Overhead Railway Electric Traction	3089400.00
Study on Composite Products & Applications-A Technology Linked Business Opportunity	139551.00
Development of Multi-Purpose Modular Housing System	1500000.00
Development of Filament Wound Venture Scrubber along with the Accessories	6600000.00
Development of Filament Wound Composite Road Tanker	3120000.00
Development of Composite Interiors for Railway Passenger Coaches	2540000.00
Sub schedule Total	25838951.00
MSEB (TIFAC Share)	
MSEB Fly Ash in Agriculture	0.00
MSEB Fly Ash in Brick Manufacturing	0.00
MSEB Ash Utilization/Management Project	26344.00
MSEB Salary	94480.00
Sub schedule Total	120824.00
MPSEB (TIFAC Share)	
MPSEB Salary	10000.00
Sub schedule Total	10000.00
Project Related Expenditure	8763846.00
Sub schedule Total	8763846.00
Total	52859511.00

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REFUND FROM PROJECTS (TIFAC REGULAR ACCOUNT) Annexure-5

Particulars	Current Year Amount (Rs.)	Previous Year (Amount (Rs.))
(A) Home Grown Technology :		
Commercialisation of Zirconium Nitride Coating using PVD Technique	2400000.00	1200000.00
Establishment of Detonation Spray Coating Job Shop for coating of various components.	200000.00	325000.00
Manufacture of Bio-Adhesive ISO AMYL 2 Cyano Acrylate	2360000.00	1440000.00
Pilot Plant for Production of Silicon Iron Casting	0.00	300000.00
Development & Production of Indigenously Developed Flammable Gas Sensors & Other Monitoring Instruments	1600000.00	1600000.00
Manufacture of Wiper Intermittent Module	366000.00	366000.00
A Novel method for the Preparation of Low molecular weight heparin	840000.00	840000.00
Flexible Machining Centre	600000.00	600000.00
Manufacture of Red Mud/Fly Ash Polymer Door Shutters	0.00	250000.00
Technology Development & Commercialization of Haemoconcentrators for open Heart Surgical Applications	450000.00	225000.00
Cortico Steroid Project Beclamethas one Depropionate	3900000.00	3600000.00
Commercially Attractive Hydrogen Generator Based on reforming of Natural Gas/ methanol in small and Medium capacity range.	870000.00	830000.00
Setting up of Semi-commercial Demonstration Facility for Manufacture of Organic Chemicals by high temperature vapour phase catalytic reaction	1700000.00	1665000.00
Development of Wett Type Synthetic Friction Material for 2/3 Wheeler Chutch Application	100000.00	100000.00
Pilot Plant for Production of Omega 3 Fish oil	2200000.00	2200000.00
Development of Four Products in the Field of Power Electronics	1474250.00	1000000.00
Eco-Friendly Lac Dye From Shellac Waste Water Effluent	500000.00	1000000.00
Pilot Scale Manufacture of Bio-Reactor	0.00	600000.00
Componentization of Human Blood towards optimization of Its utilization & Exploitation Bio Medic	500000.00	0.00
Design and Installation of an oil fired Vertical Shaft Kiln for Manufacturing of Cement Clinker	0.00	900000.00
Isolation and Characterazation of Probiotics & Formulation of Symbiotic Preparation	2000000.00	1750000.00
Commercialisation of Bio Technology in India	0.00	109801.00
Establishing A D-Gum Job Shop	162500.00	0.00
Setting up of Demonstration units for Plasma Pyrolysis of Bio-Medical Waste	725000.00	0.00
Sub Total (A)	22947750.00	20900801.00
(B) Fly Ash Utilisation Programme		
Fly Ash brick press project	0.00	125000.00
Sub Total (B)	0.00	125000.00



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(C) Advanced Composites Programme		
Project Development of FRP Components for Railways	0.00	1000000.00
Development of energy efficient flow fans	0.00	40000.00
Composite Interiors for Drivers Cabin in Diesel Locomotive	1318560.00	0.00
FRP Main Doors for Passenger & EMU Coaches for Indian Railways	654000.00	0.00
Development of Composite Modular Acoustic Enclosure	900000.00	857280.00
Jute Composite Components for Footwear	0.00	716140.00
Development of composite Sky Bus coaches	0.00	516400.00
Development of Composite Modular Toilet unit for Railway Passenger Coaches	668400.00	1336800.00
Development of Composite Artificial Limbs	150000.00	60000.00
Development of Composite Filament Wound Pressure Vessel	200000.00	1194000.00
Development of GRP Grid and Gratings by Compression Moulding	1836000.00	612000.00
Development of Composite House Boats	1728000.00	0.00
Development of Composite Components for High End Passenger Buses	1361520.00	0.00
Composites Interiors for Railways Passenger Coaches	1724000.00	0.00
Sub Total (C)	10540480.00	6332620.00
(D) Tepp Project		
Intelligent Energy Efficient Power Generation using Wind Power	111400.00	0.00
Sub Total (D)	111400.00	0.00
Total	33599630.00	27358421.00

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EXPENDITURE OF VISION 2020

Annexure -6

Particulars	Current Year Amount (Rs.)	Previous Year (Amount (Rs.))
Establishment & Administrative Expenditure		
Misc Office Expenses	71169.00	80005.00
Consultancy Fee	0.00	52000.00
Postage & Courier Services	0.00	1990.00
Periodical & Magazine Charges	18532.00	15601.00
Printing Charges	26867.00	16440.00
Library Book	0.00	297.00
Repair and Maintenance	27020.00	24381.00
Telephone / Internet Charges	124310.00	170067.00
Car Hire Charges/ Conveyance	322594.00	345489.00
Medical Reimbursement	425768.00	160463.00
Salary	4727855.00	3797681.00
Computer / Peripherals	0.00	151922.00
Leave Travel Concession	62128.00	6142.00
Honorarium	206000.00	237262.00
Advertisement Expenses	0.00	570755.00
Workshop Expenses/Exhibition	895000.00	473411.00
Employee's Contribution CPF	105003.00	0.00
Tution Fee	960.00	960.00
Stationery	305.00	0.00
Total	7013511.00	6104866.00



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PROJECT EXPENDITURE OF VISION 2020

Annexure -6A

Particulars	Current Year Amount (Rs.)	Previous Year (Amount (Rs.))
Agriculture Sector		
Study on Current Status of Potato production in parts of West Bangal & Suitability of Potatoes growing in parts of West Bangal for processing into different products	0.00	126400.00
Agriculture Project in Deoria	713838.00	292422.00
Agriculture Project in Uttaranchal, Chamoli	599815.00	0.00
Genetic Improvement of Diary lives tock for sustainable livelihood	0.00	1000000.00
Promotion of Medicinal and Aromatic Plants in Paliganj Area, Patna	227761.00	467700.00
Systems approach for increasing Agricultural Productivity at Kancheepuram	134410.00	85000.00
Agriculture Project – Sikkim	250825.00	500000.00
Agriculture Project in Ballia	200650.00	0.00
Agriculture Project in Bihar : - Systems Approach	356578.00	300000.00
Agriculture Project in Bihar : - Improved Seed Production	0.00	470900.00
Demonstration OF Agriculture Deversification through Aromatic Plant Cultivatio at Deoria	0.00	251000.00
Agricultural Deversification for Enhancing Productivity of Acidic upland of Eastern India	715000.00	380000.00
Enhancing Water Productivity in Deep Water Rice Area	1119000.00	279000.00
Project On Agriculture, Deoria	194000.00	0.00
Establishing Integrated Clean Milk Production network at Village Level for Manufacturing value added Production	4753400.00	0.00
Strengthening Levelihoods of Small and Marginal Farmers in Organic Farming of Lower Palni Hills	81250.00	0.00
Support t Training, Employment and Income Generation Programme for Farmer and Rural Women Processing & Value Addition of Agriculture Produce	60100.00	0.00
Primary Processing & Packaging of Certified Organic Vegetables in Shimla District	41125.00	0.00
Agriculture, Quality Mode Production in Rice wheat Cropping System Through Farmers, BHU, Varanasi	145000.00	0.00
On Farm Demonstration, Popularization & Commercialization & Processing of Mentha Cultivation	145000.00	0.00
Processing & Export of Coin & Steak of Yellow fin Tuna	2775801.00	0.00
Sub Total	12513553.00	4152422.00
Health Care Equipment		
Uttaranchal Project : Mobile Hospital and Research Centre in Uttaranchal.	1400000.00	1490297.00
Herbal & Natural Products of Uttaranchal	0.00	1876800.00
Development of Standard Water mills at Uttaranchal	0.00	46750.00
Sub Total	1400000.00	3413847.00

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Targeted Programme in Other Important Area		
Joint R&D program for sustainable hydrogen economy technologies (RV-TIFAC-HETP) with Rashtreeya Shikshana Samithi Trust (RSST), Bangalore.	0.00	182465.00
Technology Gap Study and Possible Remedial Measures for the select Sports Goods	405625.00	842500.00
Technology Gap Study for Agriculture Implements Industry Cluster (Karnal)	345000.00	352000.00
Technology Gap Study for Agriculture Implements Industry Cluster (Ambala)	105600.00	352000.00
Preparation of Technology Documents & Monitoring the Performance Status & Performance Evaluation Municipal Solid Waste	0.00	100000.00
Digital Pen & Paper Technology for Capturing the Information at the Police Station	665800.00	1200000.00
Installation of Ropeways at Uttaranchal	90716.00	578588.00
Temper proof & Secure Courtroom Digital Recording & Video Conferencing System	2500000.00	4000000.00
Normative DATA for Brain Electrical Activation Profiling	700000.00	0.00
Crime Scene Recording System	500000.00	1500000.00
Pottery Study	240310.00	171650.00
Development of Tailor welded Blanks and Hydro Formed Parts	13390000.00	0.00
Development of the competence to Develop Automobile Components using Electro Magnetic Forming (EMF)	31317000.00	0.00
Quality Assurance condition monitoring and Fault Diagnosis using Intelligent Control Methodologies	9396000.00	0.00
Technology Gap Analysis study for casting sector for Howrah Cluster & Bariupur Cluster for Surgical Instruments	976800.00	0.00
Court Case Document Tracking Information System Using RFID	1000000.00	0.00
Development & Optimization of Process for Alkali stable cellulare from alkalothermipihic Thermomonon	1400000.00	0.00
Development & Demonstration of a Technology Package based on low grade raw material & bio mass	2065000.00	0.00
Enzymatic Conversion of Racemic Molecules to obtain stereo specific active pharmaceutical Ingredient	8750000.00	0.00
Interactive virtual reality simulator software for crime scene training and proficiency testing	2400000.00	0.00
Selection of a panel of SNP markers for forensic analysis in Indian population	700000.00	0.00
Tamperproff & supervised collection of Physical clues of crime	1500000.00	0.00
Electronic Stability Control System	1920000.00	
Opportunities for intergrating its transportation Plans & Programme in India	100000.00	



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Sub Total	80467851.00	9279203.00
Upgradation of Engineering College		
TIFAC-CORE in Digital Image Processing	2571000.00	2571000.00
TIFAC-CORE in Advance Computing & Information Processing	0.00	9352713.00
TIFAC-CORE in Net Work Engineering	2723116.00	967000.00
TIFAC-CORE in Bio Medical Technology	0.00	7700000.00
TIFAC-CORE Clastic Petroleum Reservoir Engineering	0.00	1900000.00
TIFAC-CORE Automative Electronics	0.00	4500000.00
Designing Developing & Maintaining Mission REACH	2340922.00	1456227.00
Website and Enabling Web Based Services		
TIFAC-CORE in Diabetic Retinopathy	0.00	7715774.00
TIFAC-CORE in Wireless Technologies	0.00	1416000.00
TIFAC-CORE in Pharmacogenomics	0.00	6000000.00
TIFAC-CORE in Cyber Security	0.00	8000000.00
TIFAC-CORE in Product Design and Optimization & Collaboration Product Commerce	0.00	1000000.00
TIFAC-CORE in Environmental Geomatics	4000000.00	4750000.00
TIFAC-CORE in Interentional Radiology	17400000.00	17400000.00
TIFAC-CORE in Pervasive Computing Technologies	0.00	6200000.00
TIFAC-CORE in Aircraft	0.00	10100000.00
TIFAC-CORE in E-Outreach	1100000.00	3200000.00
TIFAC-CORE in New Drug Delivery System	800000.00	0.00
TIFAC-CORE in Pharmacogenomics	5000000.00	0.00
Sub Total	35935038.00	94228714.00
Road Construction and Transportation		
Intelligent and Interactive Telematics using Emerging Wireless Technologies for Transportation Systems	4000000.00	6000000.00
Car low cost Flexible Automation	10675000.00	0.00
Sub Total	14675000.00	6000000.00
Textile Machinery		
To Assess S&T Gaps in Textile and Assessment of Education institutional Capacity Building	850000.00	0.00
Sub Total	850000.00	0.00
Project Related Expenditure	4105334.00	3332558.00
Sub TotalL	4105334.00	3332558.00
Total	149946776.00	120406744.00

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SHORT TERM DEPOSITS WITH BANKS

Annexure -7

Particulars	Current Year Amount (Rs.)	Previous Year (Amount (Rs.))
Short Term Deposits		
TIFAC	132935977.00	223971762.00
Agriculture Sector	1343561.00	1343561.00
Road Construction & Transportation	64192091.00	64192091.00
Textile Machinery	25255005.00	25255005.00
Upgradation of Engineering College	26949955.00	26949955.00
Vision 2020	77596691.00	127175691.00
Total	328273280.00	468888065.00



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REFUND FROM PROJECT TECHNOLOGY VISION 2020

Annexure -8

Particulars	Current Year Amount (Rs.)	Previous Year (Amount (Rs.))
Technology Transfer to Fisher Women of some Value added products from low cost sea fish	0.00	840309.00
Technology Development of Two for One Twister	2465500.00	2465500.00
Weft Accumulator	278166.00	277166.00
Weft Set (Automatic Fabric straightening System) with data logging facilities	630036.00	630036.00
Percentage Add on Per meter indicator and automatic controller.	81600.00	81600.00
Cotton Contamination analyzer	177600.00	177600.00
Technology Upgradation in manufacture of automatic cone winder	12532650.00	12532650.00
Design, Development and Manufacture of Continuous Bleaching Range	3845991.87	1281997.29
Bitumin Indirect Heating Equipment	1173400.00	391300.00
Kerb laying machine	442600.00	443000.00
Road Miller Machine	4174500.00	1391500.00
Paver Finishers	7207500.00	2402500.00
Self Propelled Articulated Crane Model F-15	2082000.00	2082000.00
Multi Purpose Loader Model M-1000	1798800.00	1798800.00
Production of Bone Chine Products	0.00	152040.00
Production Possibilities of Value added Fishery Products from low cost Inland Fish Shell fish by women fishers of West Bengal.	0.00	200.00
Non Destructive Testing of zari in silk Fabrics	315466.00	258094.00
Degin and Development of Shettlessweaving machines & ancillaries	776667.00	0.00
Manufacture of Micro Encapsulated Omega 3 Powder	1939000.00	1939000.00
Dye Exhaust Rate Controller	141000.00	142000.00
S&T Intervention in Security Technology	85639.00	0.00
Development of Tailor Welded Blanks & Hydro Formed Part	191980.00	
Engin Management System for 4 Stroke Direct injection small petrol engine	5000000.00	
Total	45340095.87	29287292.29

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EXPENSES PAYABLE

Annexure -9

Particulars	Current Year Amount (Rs.)	Previous Year (Amount (Rs.))
Salary Payable	1912308.00	1809309.00
M/s. Sansanwal Travels	94306.00	118314.00
M/s. MTNL	109224.00	58814.00
M/s. Uttam Infotech	0.00	11500.00
M/s Prime Sysem Technologies	12650.00	0.00
M/s Ricoh India Ltd	1786.00	18705.00
M/s Rakesh Raj & Associates	0.00	19775.00
M/s Chandiwala Gupta & Associates	19775.00	0.00
M/S Nimbus hARbor Facilities Management Pvt Ltd	77995.00	0.00
M/s ACE Travels Pvt Ltd	382958.00	0.00
M/s Uniexpress Pvt Ltd	357237.00	0.00
M/s ABM Travels & Tours (p) Ltd	0.00	450612.00
M/s Yash Tour & Travels	19828.00	0.00
M/s Yatrika Travesl	30356.00	0.00
M/s Prahari Security Services	50572.00	42189.00
Total	3068995.00	2529218.00

PROJECT ICOSER

Annexure -10

	Current Year Amount (Rs.)	Previous Year (Amount (Rs.))
A) Balance Brought Forward	10663154.00	10663154.00
B) Income	0.00	0.00
Sub total	0.00	0.00
Refund from Project	0.00	0.00
Sub total	0.00	0.00
Total A + B	10663154.00	10663154.00
C) Expenditure:		
i) Capital Expenditure: Fixed Assets	0.00	0.00
ii) Revenue Expenditure	0.00	0.00
Total (i + ii) 'C'	0.00	0.00
Balance carried forward to next year (A + B - C)	10663154.00	10663154.00



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GRANT INDIAN-MYANMAR S&T FRIENDSHIP LIBRARY IN YANGON

Annexure -11

	Current Year Amount (Rs.)	Previous Year (Amount (Rs.))
A) Balance Brought Forward	959659.00	959659.00
B) Income	0.00	0.00
Sub total	0.00	0.00
Total A + B	959659.00	959659.00
C) Expenditure:		
i) Capital Expenditure : Fixed Assets	0.00	0.00
ii) Revenue Expenditure : Project Expenses	0.00	0.00
Total (I + ii) 'C'	0.00	0.00
Balance carried forward to next year (A + B - C)	959659.00	959659.00

INDIAN COPPER MARKET FOCUS ON RECYCLABLES

Annexure -12

	Current Year Amount (Rs.)	Previous Year (Amount (Rs.))
A) Balance Brought Forward	225916.00	225916.00
B) Income :		
Interest Earned	0.00	0.00
Other Income	0.00	0.00
Sub total	0.00	0.00
Total A + B	225916.00	225916.00
C) Expenditure :		
i) Capital Expenditure : Fixed Assets	0.00	0.00
ii) Revenue Expenditure :	0.00	0.00
iii) Project Expenditure	0.00	0.00
Total (i + ii + iii) 'C'	0.00	0.00
Balance carried forward to next year (A + B - C)	225916.00	225916.00

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MSEB – ASH Utilization / Management

Annexure -13

	Current Year Amount (Rs.)	Previous Year (Amount (Rs.))
A) Balance Brought Forward	3699020.00	2094887.00
B) Income :		
Grant in Aid	0.00	3337215.00
Interest Earned	0.00	0.00
Other Income	0.00	0.00
Sub total	0.00	0.00
Total A + B	3699020.00	5432102.00
C) Expenditure :		
i) Capital Expenditure : Fixed Assets	0.00	0.00
ii) Revenue Expenditure :	120826.00	690777.00
iii) Project Expenditure		
MSEB Fly Ash in Agriculture	0.00	835680.00
MSEB Fly Ash In Brick Manufacture	0.00	206625.00
Total (i + ii + iii) 'C'	120826.00	1733082.00
Balance carried forward to next year (A + B - C)	3578194.00	3699020.00

FAM Large Scale Stowing of HWP Pond Ash into the underground Mines of SCCL(Manuguru)

Annexure -14

	Current Year Amount (Rs.)	Previous Year (Amount (Rs.))
A) Balance Brought Forward	8294830.00	8294830.00
B) Income :		
Grant in Aid	0.00	0.00
Interest Earned	0.00	0.00
Other Income	0.00	0.00
Sub total	0.00	0.00
Total A + B	8294830.00	8294830.00
C) Expenditure :		
i) Capital Expenditure : Fixed Assets	0.00	0.00
ii) Revenue Expenditure :	0.00	0.00
iii) Project Expenditure		
Total (i + ii + iii) 'C'	0.00	0.00
Balance carried forward to next year (A + B - C)	8294830.00	8294830.00



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Earthquake Serving Nature's Fury

Annexure -15

	Current Year Amount (Rs.)	Previous Year (Amount (Rs.))
A) Balance Brought Forward	142557.00	560057.00
B) Income :		
Grant in Aid	0.00	0.00
Interest Earned	0.00	0.00
Other Income	0.00	0.00
Sub total	0.00	0.00
Total A + B	142557.00	560057.00
C) Expenditure :		
i) Capital Expenditure : Fixed Assets	0.00	0.00
ii) Revenue Expenditure :	0.00	0.00
iii) Project Expenditure : Production of Film on Earth Quake	0.00	417500.00
Total (i + ii + iii) 'C'	0.00	417500.00
Balance carried forward to next year (A + B - C)	142557.00	142557.00

CORE-Group on Automotive Research (CAR)

Annexure -16

	Current Year Amount (Rs.)	Previous Year (Amount (Rs.))
Establishment & Administrative Expenditure Note : Current year expenditure has been transferred to V2020 Establishment & Administrative Expenditure	0.00	64131.00
Total	0.00	64131.00

CORE-Group on Automotive Research (CAR)

Annexure -16A

	Current Year Amount (Rs.)	Previous Year (Amount (Rs.))
Project Expenditure Project Related Expenditure	21000000.00	51100379.00
Total	21000000.00	51100379.00

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DRDO - PFC

Annexure -17

	Current Year Amount (Rs.)	Previous Year (Amount (Rs.))
A) Balance Brought Forward	178927.00	732851.00
B) Income :		
Grant in Aid	5818487.00	4515100.00
Interest Earned		
Other Income	0.00	0.00
Sub total	0.00	0.00
Total A + B	5997414.00	5247951.00
C) Expenditure :		
i) Capital Expenditure : Fixed Assets	0.00	0.00
ii) Revenue Expenditure :	0.00	0.00
iii) Project Expenditure :	5997904.00	5069024.00
Total (i + ii + iii) 'C'	5997904.00	5069024.00
Balance carried forward to next year (A + B - C)	(490.00)	178927.00

MPSEB – Use of Fly Ash in Agriculture Development Thermal Power Plant, Sarni

Annexure -18

	Current Year Amount (Rs.)	Previous Year (Amount (Rs.))
A) Balance Brought Forward	1033250.00	1112250.00
B) Income :		
Grant in Aid	0.00	0.00
Interest Earned	0.00	0.00
Other Income	0.00	0.00
Sub total	0.00	0.00
Total A + B	1033250.00	1112250.00
C) Expenditure :		
i) Capital Expenditure : Fixed Assets		
ii) Revenue Expenditure :	10000.00	79000.00
iii) Project Expenditure	0.00	0.00
Total (i + ii + iii) 'C'	10000.00	79000.00
Balance carried forward to next year (A + B - C)	1023250.00	1033250.00



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BASIC :Building and Strengthening Institutional Capacity for Climate Change

Annexure -19

	Current Year Amount (Rs.)	Previous Year (Amount (Rs.))
A) Balance Brought Forward	372715.00	78705.00
B) Income :		
Grant in Aid	109920.00	351900.00
Interest Earned	0.00	0.00
Other Income	0.00	0.00
Sub total	0.00	0.00
Total A + B	482635.00	430605.00
C) Expenditure :		
i) Capital Expenditure : Fixed Assets		
ii) Revenue Expenditure :		
iii) Project Expenditure	56740.00	57890.00
Total (i + ii + iii) 'C'	56740.00	57890.00
Balance carried forward to next year (A + B - C)	425895.00	372715.00

INDO-ISRAEL Workshop

Annexure -20

	Current Year Amount (Rs.)	Previous Year (Amount (Rs.))
A) Balance Brought Forward	182637.00	347395.00
B) Income :		
Grant in Aid	0.00	0.00
Interest Earned	0.00	0.00
Other Income	0.00	0.00
Sub total	0.00	0.00
Total A + B	182637.00	347395.00
C) Expenditure :		
i) Capital Expenditure : Fixed Assets		
ii) Revenue Expenditure :		
iii) Project Expenditure	0.00	164758.00
Total (i + ii + iii) 'C'	0.00	164758.00
Balance carried forward to next year (A + B - C)	182637.00	182637.00

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INDO-US Technology Management & Exchanges

Annexure -21

	Current Year Amount (Rs.)	Previous Year (Amount (Rs.))
A) Balance Brought Forward	0.00	346076.00
B) Income :		
Grant in Aid	0.00	0.00
Interest Earned	0.00	0.00
Other Income	0.00	0.00
Sub total	0.00	0.00
Total A + B	0.00	346076.00
C) Expenditure :		
i) Capital Expenditure : Fixed Assets		
ii) Revenue Expenditure :		
iii) Project Expenditure	0.00	346076.00
Total (i + ii + iii) 'C'	0.00	346076.00
Balance carried forward to next year (A + B - C)	0.00	0.00

DST-BMBF (Germany)

Annexure -22

	Current Year Amount (Rs.)	Previous Year (Amount (Rs.))
A) Balance Brought Forward	104586.00	0.00
B) Income :		
Grant in Aid	0.00	172930.00
Interest Earned	0.00	0.00
Other Income	0.00	0.00
Sub total	0.00	0.00
Total A + B	104586.00	172930.00
C) Expenditure :		
i) Capital Expenditure : Fixed Assets		
ii) Revenue Expenditure :		
iii) Project Expenditure	0.00	68344.00
Total (i + ii + iii) 'C'	0.00	68344.00
Balance carried forward to next year (A + B - C)	104586.00	104586.00



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TIFAC-World Bank Project

Annexure -23

	Current Year Amount (Rs.)	Previous Year (Amount (Rs.))
A) Balance Brought Forward	0.00	0.00
B) Income :		
Grant in Aid	14200000.00	0.00
Interest Earned	0.00	0.00
Other Income	0.00	0.00
Sub total	0.00	0.00
Total A + B	14200000.00	0.00
C) Expenditure :		
i) Capital Expenditure : Fixed Assets		
ii) Revenue Expenditure :		
iii) Project Expenditure	1835578.00	0.00
Total (i + ii + iii) 'C'	1835578.00	0.00
Balance carried forward to next year (A + B - C)	12364422.00	0.00

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Technology Information Forecasting & Assessment Council Receipts & Payments for the Period the Year Ended 31.3.2008

Receipts	Current Year Amount (Rs.)	Previous Year (Amount (Rs.))
I) Opening Balances		
a) Cash in hand	3097.00	11764.00
b) Bank Balances		
i) In current accounts	0.00	0.00
ii) In Deposit accounts	468888065.00	649687825.00
iii) Savings accounts	26094134.23	27804474.44
c) Advance for franking machine	14307.00	40142.00
II) GRANTS RECEIVED		
a) From Government of India- Plan (TIFAC)	4545307.00	6500000.00
b) From Government-Non Plan	900000.00	760000.00
c) From State Government	0.00	0.00
d) Scholourship for women scientist	7892000.00	900000.00
III) INCOME FROM INVESTMENTS		
a) Earmarked/Endow Funds	0.00	0.00
b) Own fund	0.00	0.00
IV) INTEREST RECEIVED		
a) On Bank Deposits (TIFAC)	3127741.00	15697083.00
b) Loans Advances etc. (Staff advances)	71699.00	6969.00
c) Interest from Vision 2020	20224859.00	11443911.00
V) Other Income (specify)		
- Refund from HGT projects (As per annexure-5)	22947750.00	20900801.00
- Refund from Vision 2020	45340095.87	29287292.29
- Other Income (As per Schedule 18)	200709.00	400276.00
- Refund from Advanced Composites Mission	10540480.00	6332620.00
- Refund from TePP Project	111400.00	0.00
Receipts for Patent Facilitating Centre		
- Grant	15000000.00	12500000.00
- Patent search charges	9451.00	18000.00
- Ekaswa A&B CD Rom	114535.00	154489.00
- Other Receipts + Interest (scooter) + computer	19598.00	14135.00
VI AMOUNT BORROWED		
VII OTHER RECEIPTS (GIVE DETAILS)		
- Nominal Charges for Dissemination of TIFAC Reports	231125.00	351908.00
- Other receipts (Scholarship for Women Scientist)	1697.00	0.00
- Tender for Car Hiring Account	4500.00	0.00



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- RTIA Questions	50.00	150.00
- Tender Form for Disposal of Old Items	0.00	1400.00
- Staff advances adjusted /Recovered	0.00	604901.00
- Stale cheque received	34565.00	368071.00
- Faup Use of Fly Ash for Construction of Rural Road at Ranch	0.00	0.00
- Fly Ash Brick Press Project	0.00	125000.00
- MSEB – Ash Utilization / Management	0.00	3337215.00
- DRDO – PFC	5818487.00	4515100.00
- GSLIS	0.00	106.00
- Earnest Money : M/s Nimbus Harbours Pvt Ltd	50000.00	0.00
- Workshop on Bio – Fuels	54039.00	0.00
- Security Deposit : Lease Accomodation	20000.00	0.00
- Interest : Dr. D.N.Singh	40482.00	45000.00
- Sundry Creditor : M/s Maheshwari Rice Millers	1062500.00	0.00
- TIFAC World Bank Project	14200000.00	0.00
- BASIC : Building & Strenthening Institutional Capacity for Climate Charges	109920.00	351900.00
- Advance : Le-Meridian Hotel	489.00	0.00
- Security Deposit : Guest House (Sarupriya Vihar)	65000.00	0.00
- Sh. Samson George (L.T.A Loan & Scooter Loan)	0.00	12000.00
- Sundry Debtor : Assistant Director, Institute of Secretrial Training & Management	4000.00	0.00
- Sponership for Seminar	0.00	300000.00
- Capital Fund	1137694.00	0.00
- Delegation Fee for International Seminar	0.00	309777.00
- Interest HBA : Dr. D.N.Singh	4518.00	0.00
- Tender for House Keeping at TIFAC	6500.00	0.00
- Sundry Creditor : M/s APL Poly Fab Pvt Ltd	0.00	900000.00
- DST – BMBF (Germany)	0.00	172930.00
- Interest HBA : Sh.N.S.Nair	72000.00	12000.00
- Medical Scheme	73299.00	67192.00
- Sundry Creditor : Sh.Ramesh Kumar K	0.00	975.00
- Sundry Creditor : IIT Bombay CPF Subscription – Prof Anand Patwardhan	0.00	21240.00
- Sundry Debtor – DST	0.00	83531.00
- Advance : Rao Travels	0.00	16250.00
- Sundry Debtor : M/s Subramaniam Natraj & Associates	0.00	1435.00
- Sundry Debtor : NMBA	0.00	71748.00
- Sundry Debtor : Cabinet Sectt.	0.00	452549.00
- Computer/Peripherals (Received During the Year)	600.00	8490.00
Total	649036693.10	794590649.73

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PAYMENTS

Particulars		Current Year Amount (Rs.)	Previous Year (Amount (Rs.))
1) Expenses			
a) Establishment Expenses (Corresponding to Schedule 20)	18267796.00		
Add : Opening Expenses Payable	1307320.00		
Less Expenses Payable	1372327.00	18202789.00	16386179.00
b) Administrative Expenses (Corresponding to schedule 21)	16319539.90		
Add: Opening Expenses Payable	719909.00		
Add : Loss on sale of Fixed Assets	1156687.00	15882761.90	12589395.50
Less : Payables	0.00		
Less : Loss on sale of Fixed Assets	0.00		
(Previous year figure does not include obsolescence expenses in it.)			
c) Expenditure on Grants, Subsidies etc. (As per Schedule 22)		52859511.00	63027270.00
2) Payments made against funds for various projects.			
- Grant Utilisation-Patent Facilitating Centre	12375552.00		
- Add : Opening Expenses Payable	123442.00	12363014.00	15186416.00
Less: Expenses Payable	135980.00		
- Grant Utilisation- Vision 2020	156960287.00		
Add : Opening Expenses Payable	378547.00		
Less : Expenses Payable	404001.00	156934833.00	126294233.00
- Grant Utilisation – Scholarship for Women Scientist		6460756.00	3000293.00
- Addition in fixed Assets			
Office Equipment		56810.00	35094.00
Furniture		0.00	58146.00
Library Book		61578.00	44418.00
Computers and Peripherals		600099.00	563591.00
Refund of Surplus Money/Loans			
a) Advance paid to staff		505785.00	597561.00
3) Other Payments (Specify)			
- Security Deposit : Eco Rel Multitech System		10580.00	0.00
- Sh.Samson Geroge (Scooter Advance)		2000.00	0.00
- Interior Work of TIFAC Building		0.00	483683.00
- TIFAC World Bank Project		1835578.00	0.00
- Stale Cheque Paid		0.00	2000.00



Technology Information, Forecasting & Assessment Council
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- MSEB-Ash Utilization/Management	120826.00	1733082.00
- Earthquake Serving Nature's Fury	0.00	417500.00
- Grant Utilisation – CORE-Group on Automotive Research	21000000.00	51164510.00
- Earnest Money : M/s Geo-Hydromechs (India)	0.00	30000.00
- Earnest Money : HCL Infosystem Ltd	0.00	50000.00
- Fly Ash Sponsorship for National Seminar-cum-Business Meet	0.00	32200.00
- Sundry Creditor : M/s H.R. Electronics Pvt Ltd	0.00	8490.00
- Sundry Creditor : IIT Bombay CPF Subscription (Prof. Anand Patwardhan)	21240.00	0.00
- Sundry Debtor : STM	1058083.00	0.00
- International Congress Seminar Expenses	32345.00	0.00
- Indian International Centre (Prof.Anand Patwardhan)	5014.00	0.00
- International Congress Seminar Expenses	0.00	1298708.00
- BASIC : Building & Strengthening Institutional Capacity for Climate Change	56740.00	57890.00
- INDO – ISREAL Workshop	0.00	164758.00
- INDO - US Technology Management & Exchange	0.00	346076.00
- Security Deposit : Guest House	46000.00	0.00
- Sundry Debtor : Central Institute of Road Transportation	10936.00	0.00
- India – IIASA Joint Workshop	1242295.00	0.00
- Advance : Kendriya Vidyalaya JNU	20380.00	0.00
- DRDO – PFC	5997904.00	5069024.00
- MPSEB – Use of Fly Ash in Agriculture Development Thermal Power Plant, Sarni	10000.00	79000.00
- Advance : TIFAC CORE in Wireless Technology	1365850.00	0.00
- Advance : Agro and Industrial Bio Technology TIET, Patiala	717434.00	0.00
- Advance : Hotel Janpath	599.00	0.00
- Advance : SINE – TEPP Fund	22700.00	0.00
- DST-BMBF (Germany)	0.00	68344.00
- Sh.S.S.L Gupta (Legal Charges Payable)	0.00	1020.00
- M/s APL Poly Fab Pvt Ltd	900000.00	600000.00
- Advance : DAVP	88409.00	119538.00
- Advance : India International Centre	26365.00	15003.00
- Advance : BAIF Development Research Foundation, Pune	0.00	50000.00
- Security Deposite (Directorate of Estate)	0.00	2400.00
- Sundry Debtor : Fly Ash Consultancy Account	5618.00	11224.00
- Sundry Debtor : Assistant Director, Institute of Secretariat Training & Management	0.00	4000.00
- Education Cess	54.00	0.00

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- Income Tax	1817.00	0.00
- IIASA – TIFAC Joint Study	9111767.00	0.00
- Capital Fund	7244306.00	0.00
Closing Balance		
Cash in Hand	7468.00	3097.00
Cash at Bank	5847010.20	26094134.23
Short Term Deposits	328273280.00	468888065.00
Franking Machine	26158.00	14307.00
Total	649036693.10	794590649.73

As Per Our Report Of Even Date Annexed Herewith

for **Chandiwala Gupta & Associates**

Chartered Accountants

Sd/-
(bharat Bhushan)
Partner

Sd/-
Accounts
Officer

Sd/-
Registrar

Sd/-
Executive Director

Date : 07.07.2008

Place : New Delhi



Technology Information, Forecasting & Assessment Council
प्रौद्योगिकी सूचना, पूर्वानुमान एवं मूल्यांकन परिषद्

Auditor's Report

The Members,
Governing Body
Fly Ash Consultancy Project – TIFAC,
New Delhi – 110016

We have audited the attached Balance Sheet of FLY ASH CONSULTANCY PROJECT – TIFAC, NEW DELHI as on 31st March 2008 and also the attached Income & Expenditure Accounts for the year ended on that date.

These financial statements are the responsibility of the management of the Fly Ash Consultancy Project – TIFAC. Our responsibility is to express an opinion on these financial statements based on our audit.

We conducted our audit in accordance with auditing standards generally accepted in India. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by the management, as well as evaluating the overall presentations of the financial statements. We believe that our audit provides a reasonable basis for our opinion.

Subject to Notes on Account as per Schedule – 8

- 1) We have obtained all the information and explanation which to the best of our knowledge and belief were necessary for the purposes of our Audit.
- 2) In our opinion proper books of account as required by law have been kept by Fly Ash Consultancy Project – TIFAC.
- 3) The Balance Sheet and Income and Expenditure Accounts Dealt with by this report are in agreement with the books of Account.
- 4) In our opinion and to the best of our information and according to the explanations given to us, the said accounts read with the schedules and notes thereto give the information required by Society Registration Act, in the manner so required and given a true and fair view.
 - a) In case of Balance Sheet, of the state of affairs of the Fly Ash Consultancy Project – TIFAC as at 31st March 2008.
 - b) In case of Income & Expenditure Account, of the excess of income over expenditure for the accounting year ended on that date.

for **Chandiwala Gupta**
Chartered Accountants

Date : 07.07.2008
Place : New Delhi

Sd/-
(Bharat Bhushan)
(Partner)

Annual Report - वार्षिक रिपोर्ट 2007-08

Fly Ash Consultancy Project TIFAC (DST) Balance Sheet as on 31.03.2008

(Amount-Rs.)

	Schedule	Current Year	Previous Year
Liabilities			
Corpus/Capital Fund	1	667723.21	664338.13
Sundry Project Expenses Payable	2	22448.00	16836.00
Professional & Infrastructure Development & Institutional Charges		823568.00	823568.00
Stale cheque		14218.00	0.00
Total		1527957.21	1504742.13
Assets			
Short Term Deposit	3	22970.00	22970.00
Union Bank of India		1424359.00	1361567.00
Cash in hand		12983.00	12983.00
Computers/Periferials		20883.20	52208.00
Office Equipment		46762.01	55014.13
Total		1527957.21	1504742.13
Significant Accounting Policies & Notes to the Accounts	8		

As per our report of even date

for **Chandiwala Gupta & Associates**
Chartered Accountants

Sd-
(Bharat Bhushan)
Partner

Sd-
Accounts Officer

Sd-
Registrar

Date : 07.07.2008
Place : New Delhi



Technology Information, Forecasting & Assessment Council
प्रौद्योगिकी सूचना, पूर्वानुमान एवं मूल्यांकन परिषद्

**Fly Ash Consultancy Project TIFAC (DST)
Income And Expenditure Account for the Year Ended 31.03.2008**

(Amount-Rs.)

	Schedule	Current Year	Previous Year
Income			
Consultancy Charges	4	0.00	160000.00
Interest from Bank (Savings)	5	48574.00	50517.00
Income Total		48574.00	210517.00
Expenditure			
Project Expenses	6	0.00	753463.00
Sundry Project Expenses		5612.00	0.00
Overhead/Project Management		0.00	0.00
Depreciation		39576.92	88020.37
Expenditure Total		45188.92	841483.37
Excess of Income over Expenditure		3385.08	
Excess of Expenditure over Income			630966.37
Balance being Surplus transferred to Corpus/Capital Fund		3385.08	
Balance being Deficit transferred to Corpus/Capital Fund			630966.37

As per our report of even date

for **Chandiwala Gupta & Associates**
Chartered Accountants

Sd-
(Bharat Bhushan)
Partner

Sd-
Accounts Officer

Sd-
Registrar

Date : 07.07.2008

Place : New Delhi

Annual Report - वार्षिक रिपोर्ट 2007-08

Fly Ash Consultancy Project TIFAC (DST) Schedule Forming Part of Balance Sheet as at 31.03.2008

Schedule 1 - Corpus/Capital Fund

(Amount-Rs.)

	Current Year	Previous Year
Balance at the Beginning of the year	664338.13	1295304.50
Add : Contributions towards Corpus/Capital Fund		
Add/(Deduct) : Balance of net income/expenditure transferred from the Income & Expenditure Account	3385.08	(630966.37)
Less : Excess Expenditure over Income		
Less: Professional & Infrastructure Development & Institutional Charges and Service Tax (deducted from Capital)		
TOTAL	667723.21	664338.13

Schedule 2 - Sundry Project Expenses Payable

(Amount-Rs.)

	Current Year	Previous Year
M/s Rakesh Raj & Associates	5612.00	5612.00
Sundry Creditor : TIFAC	11224.00	11224.00
M/s Chandiwala Gupta and Associates	5612.00	0.00
TOTAL	22448.00	16836.00

Schedule 3 - Short Term Deposit

(Amount-Rs.)

	Current Year	Previous Year
Perspective R&D Plan for Fly Ash	0.00	0.00
Ammonia Dozing of Fly Ash HWB, Mumbai.	12543.00	12543.00
Preparation & Publication of Manuals/Guidelines Documents for user Fly Ash	10427.00	10427.00
Consultancy Assignment UPRVUNL	0.00	0.00
Consultancy Assignment Road Construction	0.00	0.00
TOTAL	22970.00	22970.00



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Schedule 4 - Consultancy Charges

(Amount-Rs.)

	Current Year	Previous Year
Heavy Water Plant, Manuguru (Minefield)	0.00	160000.00
TOTAL	0.00	160000.00

Schedule 5 - Interest From Bank (Savings)

(Amount-Rs.)

	Current Year	Previous Year
Heavy Water Plant, Manuguru (Minefield)	12144.00	12629.00
Consultancy Assignment Thermal Power Plant at Parichha, UP	6573.00	6827.00
Evaluation of Ammonia Dozed Fly Ash for Agriculture Applications	5398.00	5802.00
Consultancy Assignment Training Programme of Clay Fly Ash Brick Manufacturing (Bathinda, Rupar & Hosharpur)	5398.00	5802.00
Consultancy Assignment IPGNCO Workshop & Film Shooting of IPGNCO	5397.00	5801.00
Consultancy Assignment Engineering Design for the Liner System including Leaches collection for Paricha	6832.00	6828.00
Consultancy Assignment Training Programme for Clay Fly Ash Brick Manufacturing (Nagpur)	6832.00	6828.00
TOTAL	48574.00	50517.00

Schedule 6 – Project Expenses

(Amount-Rs.)

	Current Year	Previous Year
Consultancy Assignment DVB	0.00	273861.00
Consultancy Assignment Thermal Power Plant at Parichha U.P	0.00	426131.00
Training Programme of Clay Fly Ash Birck Manufacturing (Bathinda, Purar & Hoshurpur)	0.00	50000.00
Training Programme for Clay Fly Ash Brick Manufacturing (Nagpur)	0.00	3471.00
TOTAL	0.00	753463.00

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Fly Ash Consultancy Project, TIFAC (DST) Schedules Forming Part of Balance Sheet as at 31.03.2008

Schedule 7 - Fixed Assets

(Amount-Rs.)

Description	Gross Block				Depreciation				Net Block	
	Cost/ valuation As at beginning of the year	Additions during the year	Deductions during the year	Cost/ valuation at the year end	As at the beginning of the year	During the year	On Deductions during the year	Total upto the year end	As at the current year end	As at the previous year end
A. Fixed Assets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1. a) Freehold	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b) Leasehold	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. BUILDING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
a) On Freehold Land	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b) On Leasehold Land	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
c) Ownership Flats/ Premises	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
d) Superstructures on Land not belonging to the entity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3. Plant Machinery & Equipment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4. Vehicles	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5. Furniture & Fixtures	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6. Office Equipment	72383.00	0.00	0.00	72383.00	17368.87	8252.12	0.00	25620.99	46762.01	55014.13
7. Computer/Peripherals	387943.00	0.00	0.00	387943.00	335735.00	31324.80	0.00	367059.80	20883.20	52208.00
8. Electric Installations	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9. Library Books	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10. Tubewell & W.supply	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11. Other Fixed Assets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total of Current Year	460326.00	0.00	0.00	460326.00	353103.87	39576.92	0.00	392680.79	67645.21	107222.13
Previous Year	460326.00	0.00	0.00	460326.00	265083.50	88020.37	0.00	353103.87	107222.13	195242.50
B. Capital Work in Progress										

Cost of Assets on hire purchase basis included above



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Fly Ash Consultancy Project - TIFAC Schedules Forming Part of Accounts for the Period Ended 31.03.2008

Schedule - 8

Accounting Policies and Notes to the Accounts for the Year Ending 31.03.2008

A) Accounting Policies

1. Fly Ash Consultancy Project had adopted Mercantile System of Accounting.
2. Amounts released under various Project are accounting as expenditure for the year in which the same are released, irrespective of the fact that the amounts so released may not have been fully utilized towards the projects during the accounting year.
3. Unspent amount of grant received during the year for specific purposes is earmarked and carried forward to next year to be utilized for the said purposes.

B) Notes to the Accounts

1. Necessary Provision has been made for the following Expenses

Audit Fee	Rs. 5612.00
Sundry Creditor : TIFAC	Rs. 16836.00
2. Total interest received from Bank during the year comes out to be Rs. 48574/-. It is apportioned between Consultancy Fee received during the year.
3. Depreciation amount Rs.39576.92/- has been provided during the financial year 2007-2008.

As per our report of even date

for **Chandiwala Gupta & Associates**
Chartered Accountants

Sd-
(Bharat Bhushan)
Partner

Sd-
Accounts Officer

Sd-
Registrar

Date : 07.07.2008
Place : New Delhi

Annual Report - वार्षिक रिपोर्ट 2007-08

Auditor's Report

The Chairman,
Mission Mode Project on Sugar Production Technology - TIFAC
NEW DELHI - 110 016

We have audited the attached Balance Sheet of **MISSION MODE PROJECT ON SUGAR PRODUCTION TECHNOLOGIES, NEW DELHI** as at 31st March, 2008 and the Income & Expenditure Account for the year ending on that date and report that date.

These financial statements are the responsibility of the management of the STM. Our responsibility is to express an opinion on these financial statements based on our audit.

We conducted our audit in accordance with auditing standards generally accepted in India. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by the management, as well as evaluating the overall presentations of the financial statements. We believe that our audit provides a reasonable basis for our opinion.

Subject to Audit objection as per Annexure AR-1 and Notes on Account as per Annexure 25 & 26, we report that:-

- i) We have obtained all information and explanation which to the best of our knowledge and belief, were necessary for the purpose of audit.
- ii) In our opinion proper books of account as required by law have been kept by STM.
- iii) The Balance Sheet and Income & Expenditure Accounts dealt with by this report are in agreement with the books of account.
- iv) In our opinion and to the best of our information and according to the explanations given to us, the said accounts read with the schedules and notes thereto give the information required by Society Registration Act, in the manner so required and give a true and fair view in conformity with the accounting principles generally accepted in India.
 - a) In case of Balance Sheet, of the state of affairs of the above named project as at 31st March, 2008.
 - b) In case of Income & Expenditure Account, of the deficit for the accounting year ending on 31st March, 2008.

for **Chandiwala Gupta & Associates**
Chartered Accountants

Bharat Bhushan
(Partner)

Date : 07-07-2008

Place : New Delhi



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Annexure : AR 1 - Audit Objections

1. TIFAC has been recognized as a Scientific and Industrial Research Organization by Department of Scientific and Industrial Research (DSIR) for the period from 30.06.1993 to 31.03.1995 and subsequently from 01.04.1995 to 31.03.2000, 01.04.2000 to 31.03.2003 & 01.04.2003 to 31.03.2006 and TIFAC has been declared "SCIENTIFIC INSTITUTION" by the prescribed authority under Rule 6 of the Income Tax Rules for the purpose of Clause (ii) of Sub-section (I) of Section 35 of the Income Tax Act, 1961 vide Notification No.951 (F. No. DG/IT(E)/ND-116/35(i)(ii)/93-IT(E) dated 30th November 1993. The income tax liability for earlier year if any will be provided in the books of account on the basis of actual payment to Income Tax Department. The recognition has expired on 31.03.2003. Application has been made for renewal but renewal has not been received so far after 31.03.2003.
2. Earnest money of Rs.36 lacs from various parties are subject to confirmation.

**Audit queries in respect of Auditor's Report on
Sugar Technology Mission**

1. Application for renewal of Income Tax exemption for the period from 01.04.2003 onwards was filed with Income Tax Department, New Delhi on 1st April 2004. No queries or objection has been raised by I.T. Department. However necessary notification granting exemption is yet to be issued by Income Tax Department. The Gazette notification from CBDT is awaited.
2. Confirmations from the parties are being sought.



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Mission Mode Project on Sugar Production Technology Balance Sheet as at 31.03.2008

(Amount-Rs.)

	Schedule	Current Year	Previous Year
Corpus/capital Fund And Liabilities			
Corpus /capital Fund	1	65236969.00	63588735.43
Reserves And Surplus	2	0.00	0.00
Earmarked/ Endowment Funds	3	0.00	0.00
Secured Loans And Borrowings	4	0.00	0.00
Unsecured Loans And Borrowings	5	0.00	0.00
Deferred Credit Liabilities	6	0.00	0.00
Current Liabilities And Provisions	7	43616921.00	44001424.00
Total		108853890.0	107590159.43
Assets			
Fixed Assets	8	374069.00	445876.00
Investments – From Earmarked/ Endowment Funds	9	0.00	0.00
Investments – Others	10	0.00	0.00
Current Assets, Loans, Advances Etc.	11	108479821.00	107144283.43
Miscellaneous Expenditure (to the extent not written off or adjusted)			
TOTAL		108853890.00	107590159.43
Significant Accounting Policies	25		
Contingent Liabilities And Notes On Accounts	26		

Subject to our Report of even date.

for **Chandiwala Gupta & Associates**
Chartered Accountants

Sd/-
Bharat Bhushan
(Partner)

Sd/-
Accounts Officer

Sd/-
Registrar

Sd/-
Head of S.T.U

Date : 07-07-2008

Place : New Delhi

Annual Report - वार्षिक रिपोर्ट 2007-08

Mission Mode Project on Sugar Production Technology Income and Expenditure Account for the Period/Year Ended 31.03.2008

(Amount-Rs.)

	Schedule	Current Year	Previous Year
Income			
Income from Sales/ Services	12	0.00	0.00
Grants/Subsidies	13	0.00	0.00
Fees/ Subscriptions	14	0.00	0.00
Income from Investments	15	0.00	0.00
Income from Royalty, Publication etc.	16	153575.00	9400.00
Interest Earned	17	1851150.00	6359864.00
Other Income	18	0.00	1193998.00
Refund from Projects	20	1400000.00	7420000.00
Increase/(decrease) in stock of Finished goods and works-in-progress	19	0.00	0.00
TOTAL (A)		3404725.00	14983262.00
Expenditure			
Establishment Expenses	21	465404.00	1790714.00
Other Administrative Expenses etc.	22	1219280.00	740123.00
Expenditure on Grants, Subsidies etc.	23	0.00	16000000.00
Interest	24	0.00	0.00
Depreciation (Net Total at the year end)	8	71807.00	95384.00
TOTAL (B)		1756491.00	18626221.00
Balance being excess of Income over Expenditure (A-B)		1648234.00	(-) 3642959.00
Transfer to Special Reserve(Specify each)		0.00	0.00
Transfer to/from General Reserve		0.00	0.00
Balance Being Surplus(deficit) Carried To Corpus/capital Fund		1648234.00	(-) 3642959.00
Significant Accounting Policies	25		
Contingent Liabilities And Notes On Accounts	26		

Subject to our Report of even date.

for **Chandiwala Gupta & Associates**
Chartered Accountants

Sd/-
Bharat Bhushan
(Partner)

Sd/-
Accounts Officer

Sd/-
Registrar

Sd/-
Head of S.T.U

Date : 07-07-2008

Place : New Delhi



Technology Information, Forecasting & Assessment Council
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Mission Mode Project on Sugar Production Technology Schedules Forming Part of Balance Sheet as at 31.03.2008

Schedule 1 - Corpus/Capital Fund

(Amount-Rs.)

	Current Year		Previous Year	
Balance at the beginning of the year		63588735.00		67231694.43
Add : Contributions toward Corpus/Capital Fund			NIL	
Add/(Deduct) : Balance of net income/expenditure transferred from the Income and Expenditure Account		1648234.00	(-)3642959.00	(-) 3642959.00
Balance as the year-end		65236969.0		63588735.43

Schedule 2 - Reserve and Surplus

(Amount-Rs.)

	Current Year		Previous Year	
1. Capital Reserve :				
As per last Account				
Addition during the year				
Less : Deductions during the year				
2. Revaluation Reserves :				
As per last Account				
Addition during the year				
Less : Deductions during the year	—NIL—	—NIL—	—NIL—	—NIL—
3. Special Reserve :				
As per last Account				
Addition during the year				
Less : Deductions during the year				
4. General Reserve :				
As per last Account				
Addition during the year				
Less: Deductions during the year				
TOTAL				

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Mission Mode Project on Sugar Production Technology Schedules Forming Part of Balance Sheet as at 31.03.2008

Schedule 3 - Earmarked/Endowment Funds

(Amount-Rs.)

	Fund-Wise Break Up				Totals	
	Fund WW	Fund XX	Fund YY	Fund ZZ	Current Year	Previous Year
a) Opening balance of the funds						
b) Additions to the Funds:						
i. Donations /grants						
ii. Income from investments made on account of funds			—NIL—			
iii. Other additions (specify nature)						
TOTAL (a +b)						
c) Utilization /Expenditure towards objectives of funds						
i. Capital Expenditure						
- Fixed Assets						
- Others						
Total						
ii. Revenue Expenditure			—NIL—			
- Salaries, Wages and allowance etc.						
- Rent						
- Other Administrative expenses						
Total (c)						
Net balance as at the year end (a+b-c)						



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Mission Mode Project on Sugar Production Technology Schedules Forming Part of Balance Sheet as at 31.03.2008

Schedule 4 - Secured Loans and Borrowings

(Amount-Rs.)

	Current Year		Previous Year	
1. Central Government				
8. State Government (Specify)				
9. Financial Institutions				
c) Term Loans				
d) Interest accrued and due	— NIL —	— NIL —	— NIL —	— NIL —
10. Banks:				
c) Term Loans				
- Interest accrued and due				
b) Other Loans (specify)				
- Interest accrued and due				
11. Other Institutions and Agencies				
12. Debentures and Bonds				
13. Others (Specify)				
TOTAL				

Note : Amounts due within one year

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Mission Mode Project on Sugar Production Technology Schedules Forming Part of Balance Sheet as at 31.03.2008

Schedule 5 - Unsecured Loans and Borrowings

(Amount-Rs.)

	Current Year		Previous Year	
1. Central Government				
2. State Government (Specify)				
3. Financial Institutions				
4. Banks:	— NIL—	— NIL—	— NIL—	— NIL—
a) Term Loans				
d) Other Loans (specify)				
5. Other Institutions and Agencies				
6. Debentures and Bonds				
7. Fixed Deposits				
8. Others (Specify)				
TOTAL				

Note : Amounts due within one year

Schedule 6 - Deferred Credit Liabilities

(Amount-Rs.)

	Current Year		Previous Year	
a) Acceptances secured by hypothecation of Capital equipment and other assets				
b) Others	— NIL—		— NIL—	
TOTAL				

Note : Amounts due within one year



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Mission Mode Project on Sugar Production Technology Schedules Forming Part of Balance Sheet as at 31.03.2008

Schedule 7 - Current Liabilities and Provisions

(Amount-Rs.)

	Current Year	Previous Year
A. Current Liabilities		
1. Acceptances	0.00	0.00
2. Sundry Creditors:		
a) Implementation Prog. -Fiji Sugar Industries	293.00	1384.00
b) Others – Prime Minister National Relief Fund	0.00	0.00
3. Advances Received (TIFAC)	40000000.00	40000000.00
4. Interest accrued but not due on:		
a) Secured Loans/borrowings	0.00	0.00
b) Unsecured Loans /borrowings	0.00	0.00
5. Statutory Liabilities:		
a) Over dues	0.00	0.00
b) Others	0.00	0.00
6. Other current Liabilities		
- Earnest Money – (As per Annexure – C)	3600000.00	3600000.00
- Security Deposit – M/s. Matrix Power	0.00	0.00
- Stale cheques	3632.00	3632.00
- Expenses Payable (Annexure –D)	11236.00	396408.00
- Medical Scheme	1760.00	0.00
TOTAL (A)	43616921.00	44001424.00
C.PROVISIONS		
7. For Taxation	0.00	0.00
8. Gratuity	0.00	0.00
9. Superannuation /Pension	0.00	0.00
10. Accumulated Leave Encashment	0.00	0.00
11. Trade Warranties/Claims	0.00	0.00
6. Others (Specify)	0.00	0.00
TOTAL (B)	0.00	0.00
TOTAL (A+B)	43616921.00	44001424.00

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Sugar Technology Mission Schedules Forming Part of Balance Sheet as at 31.03.2008

Schedule 8 - Fixed Assets

(Amount-Rs.)

Description	Gross Block				Depreciation				Net Block	
	Cost/ valuation As at beginning of the year	Additions during the year	Deductions during the year	Cost/ valuation at the year end	As at the beginning of the year	During the year	On Deductions for the year	Total up to the year end	As at the current year end	As at the previous year end
A. Fixed Assets										
1. Land										
a) Freehold										
b) Leasehold										
2. BUILDINGS:										
a) On Freehold Land										
b) On Leasehold Land										
c) Ownership Flats/ Premises										
d) Superstructures on Land not belonging to the entity										
3. Plant Machinery & Equipment										
4. Vehicles										
5. Furniture, Fixtures	99414	0	(.....)	99414	72340	2707	.....	75047	24367	27074
6. Office Equipment	1413406	0	(.....)	1413406	1008559	60727	.....	1069286	344120	404847
7. Computer /peripherals	245802	0	(.....)	245802	231847	8373	.....	240220	5582	13955
8. Electric Installations	-----		(.....)							
9. Library Books	175466	0	(.....)	175466	175466	0	.....	175466	0	0
10 Tubewells & W.supply	-----	0	(.....)	-----	-----	-----	-----	-----	-----	-----
11 Other Fixed Assets	-----	0	(.....)	-----	-----	-----	-----	-----	-----	-----
Total Of Current Year	1934088	0	(.....)	1934088	1488212	71807		1560019	374069	445876
Previous Year	1930260	3828	(.....)	1934088	1392828	95384	.....	1488212	445876	537432
B. CAPITAL WORK IN PROGRESS	-----	-----	-----	-----	-----	.....	-----	....	-----
TOTAL	1930260	3828	(.....)	1934088	1392828	95384	.....	1488212	445876	537432

(Note to be given as to Cost of assets on hire purchase basis included above)



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Sugar Technology Mission Schedules Forming Part of Balance Sheet as at 31.03.2008

Schedule 9 - Investments From Earmarked/Endowment Funds

(Amount-Rs.)

	Current Year	Previous Year
1. In Government Securities		
2. Other approved Securities		
3. Shares	—NIL—	—NIL—
4. Debentures and Bonds		
5. Subsidiaries and Joint Ventures		
6. Others (to be specified)		
TOTAL		

Schedule 10 - Investments - Others

(Amount-Rs.)

	Current Year	Previous Year
4. In Government Securities		
5. Other approved Securities		
6. Shares	—NIL—	—NIL—
4. Debentures and Bonds		
5. Subsidiaries and Joint Ventures		
6. Others (to be specified)		
TOTAL		

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Mission Mode Project on Sugar Production Technology Schedules Forming Part of Balance Sheet as at 31.03.2008

Schedule 11 - Current Assets, Loans, Advances Etc.

(Amount-Rs.)

	Current Year		Previous Year	
A. Current Assets				
1. Inventories:				
a) Stores and Spares				
b) Loose Tools			— NIL —	— NIL —
c) Stock-in-trade				
Finished Goods				
Work-in-progress				
Raw Materials				
2. Sundry Debtors:				
a) Debts Outstanding for a period exceeding six Months				
7. Cash balances in hand (including cheques/drafts and imprest		3724.00		373.00
5. Bank Balances:				
a) With Scheduled Banks:				
- On Current Accounts	0.00		0.00	
- On Deposit Accounts (Short Term Deposit)	43857.00		62458250.43	
- On Savings Accounts	13742892.00		7236986.00	
- On Flexi Account	94638223.00		37395549.00	
b) With non-Scheduled Banks:		108424972.00	—————	107090785.43
- On Current Accounts		—————	—————	
- On Deposit Accounts		—————	—————	
- On Savings Accounts		—————	—————	
8. Post Office-Savings Accounts				
9.				
TOTAL (A)		108428696.00		107091158.43



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Mission Mode Project on Sugar Production Technology Schedules Forming Part of Balance Sheet as at 31.03.2008

Schedule 11 - Current Assets, Loans, Advances Etc. (Contd)

(Amount-Rs.)

	Current Year		Previous Year	
B. Loans, Advances and Other Assets				
1. Loans:				
a) Staff		38000.00		40000.00
b) Other Entities engaged in activities/objectives similar to that of the Entity		0.00		0.00
c) Other (specify)		0.00		0.00
2. Advances and other amounts recoverable in cash or in kind or for value to be received				
a) On Capital Account		0.00		0.00
b) Prepayments		0.00		0.00
c) Others (Security with MTNL)		13125.00		13125.00
d) TDS (On Consultancy)				
3. Income Accrued:		NIL		NIL
a) On Investments from Earmarked/Endowment Funds				
b) On Investments – Others				
c) On Loans and Advances				
d) Others (Include income due unreleased –Rs....)				
4. Claims Receivable		NIL		NIL
TOTAL (B)		51125.00		53125.00
TOTAL (A+B)		108479821.00		107144283.43

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Mission Mode Project on Sugar Production Technology Schedules Forming Part of Income & Expenditure for the Period/Year Ended 31.03.2008

Schedule 12 - Income From Sales /Services

(Amount-Rs.)

	Current Year	Previous Year
1. Income from Sales		
a) Sale of finished Goods		
b) Sale of Raw Material	—NIL—	—NIL—
c) Sale of Scraps		
3. Income from Services		
a) Labor and Processing Charges		
b) Professional/Consultancy Services	—NIL—	—NIL—
c) Agency Commissions and Brokerage		
d) Maintenance Services (Equipment/Property)		
e) Others (Specify)		
TOTAL		

Schedule 13 - Grants/Subsidies (Irrevocable Grants & Subsidies Received)

(Amount-Rs.)

	Current Year	Previous Year
1. Central Government		
2. State Government(s)	—NIL—	—NIL—
4. Government Agencies		
4. Institutions/Welfare Bodies		
5. International Organizations		
6. Others (Specify)		
TOTAL		



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Mission Mode Project on Sugar Production Technology Schedules Forming Part of Income & Expenditure for the Period/Year Ended 31.03.2008

Schedule 14 - Fees/Subscriptions

(Amount-Rs.)

	Current Year	Previous Year
1. Entrance Fees		
2. Annual Fees/Subscriptions		
3. Seminar/Program Fees	Nil	Nil
4. Consultancy Fees		
5. Others (Specify)		
TOTAL	Nil	Nil

Note - Accounting Policies towards each item are to be disclosed

Schedule 15 - Income From Investments

(Amount-Rs.)

	Investment from Earmarked Fund		Investment – Others	
	Current Year	Previous Year	Current Year	Previous Year
1. Interest				
a) On Govt. Securities				
b) Other Bonds/Debentures				
2. Dividends:				
a) On Shares	— NIL—	— NIL—	— NIL—	— NIL—
b) On Mutual Fund Securities				
3. Rents				
4. Others (Specify)				
Total				

Transferred To Earmarked/endowment Funds

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Sugar Technology Mission

Schedules Forming Part of Income & Expenditure for the Period/Year Ended 31.03.2008

Schedule 16 - Income From Royalty, Publication Etc.

(Amount-Rs.)

	Current Year	Previous Year
1. Income from Royalty		
2. Income from Publications	150000.00	0.00
3. Others (Specify) (Other receipts)	1200.00	9400.00
4. Recovery of Spl. Payment & Transportation Allowance	2375.00	0.00
TOTAL	153575.00	9400.00

Schedule 17 – Interest Earned

(Amount-Rs.)

	Current Year	Previous Year
1. On Term Deposits:		
a) With Scheduled Banks	706382.00	3056539.00
b) With Non-Scheduled Banks	0.00	0.00
c) With Institutions	0.00	0.00
d) Others – Flexi Account	1061296.00	2808154.00
2. On Savings Accounts:		
a) With Scheduled Banks	83296.00	403953.00
b) With Non-Scheduled Banks	0.00	0.00
c) Post Office Savings Accounts	0.00	0.00
d) Others	0.00	0.00
3. On Loans:		
a) Employees/Staff	176.00	528.00
b) Others	0.00	0.00
4. Interest from Debtors and Other Receivables (Interest on Refund from projects)	0.00	90690.00
TOTAL	1851150.00	6359864.00

Note- Tax deducted at source to be indicated



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Schedules Forming Part of Income & Expenditure for the Period/Year Ended 31.03.2008

Schedule 18 - Other Income

(Amount-Rs.)

	Current Year	Previous Year
5. Profit on Sale/disposal of Assets		
a) Owned assets		
b) Assets acquired out of grants, or received free of cost		
2. Export Incentives realized		
3. Fees for Miscellaneous Services (Preparation of project report)	0.00	1193998.00
4. Miscellaneous Income	0.00	0.00
TOTAL	Nil	1193998.00

Schedule 19 - Increase/(Decrease) in Stock of Finished Goods & Work in Progress

(Amount-Rs.)

	Current Year	Previous Year
a) Closing stock		
- Finished Goods		
- Work-in-progress	—NIL—	—NIL—
b) Less: Opening Stock		
- Finished Goods		
- Work -in -progress		
NET INCREASE/(DECREASE) [a-b]		

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Schedule 20—Refund from Projects

(Amount-Rs.)

	Current Year	Previous Year
E.R.P System (M/s The Godawari Sugar Mills Ltd.)	0.00	2520000.00
ADU-FSB-WHR (M/s G.M.R Technologies & Industries Ltd.)	0.00	700000.00
Distillery Effluent Treatment System (M/s Ugar Sugar Works Ltd.)	0.00	1400000.00
Planetary Gear Box (Sh.Chamundeshwari Sugar Ltd)	1400000.00	2800000.00
TOTAL	1400000.00	7420000.00

Schedule 21 - Establishment Expenses

(Amount-Rs.)

	Current Year	Previous Year
a) Salaries and Wages	448879.00	1723993.00
b) Allowances and Bonus	0.00	4934.00
c) Contribution to Provident Fund	0.00	0.00
d) Contribution to Other Fund (specify)	0.00	0.00
e) Staff Welfare Expenses	0.00	0.00
f) Expenses on Employees' Retirement and Terminal Benefits	0.00	0.00
g) Others (Specify)		
(i) Honorarium	10500.00	9000.00
(ii) Medical Reimbursement	6025.00	50331.00
(iii) LTC	0.00	2456.00
TOTAL	465404.00	1790714.00



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Schedule 22 - Administrative Expenses Etc.

(Amount-Rs.)

	Current Year	Previous Year
a) Purchases	—	—
b) Labor and processing expenses	—	—
c) Cartage and Carriage Inwards	—	—
d) Electricity and power	—	—
e) Water charges	—	—
f) Insurance	—	—
g) Repairs and maintenance	2079.00	19081.00
h) Excise Duty	—	—
i) Rent, Rates and Taxes	0.00	0.00
j) Vehicles Running and Maintenance	262961.00	15432.00
k) Postage, Telephone and Communication Charges	32809.00	167417.00
l) Printing and Stationary	759.00	55272.00
m) Travelling and Conveyance Expenses	78234.00	374624.00
n) Expenses on Seminary/Workshops/Meeting	0.00	1125.00
o) Subscription Expenses/Periodical & Magazines	766.00	3812.00
p) Expenses on Fees	0.00	6600.00
q) Auditors Remuneration	11236.00	12570.00
r) Hospitality Expenses	9360.00	41651.00
s) Professional Charges	—	—
t) Provision for Bad and Doubtful Debts/Advances	—	—
u) Irrecoverable Balances Written-off	—	—
v) Bank Charges	0.00	0.00
w) Freight and Forwarding /Expenses	—	—
x) Distribution Expenses	—	—
y) Advertisement and Publicity	0.00	0.00
z) Others (Specify)		
1. Misc. Office Expenses	6703.00	36478.00
2. Project Expenses	0.00	0.00
3. Consultancy Expenses	0.00	6061.00
4. Preparation of Project Report	814373.00	0.00
TOTAL	1219280.00	740123.00

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Mission Mode Project On Sugar Production Technology Schedules Forming Part of Income & Expenditure for the Period/Year Ended 31.03.2008

Schedule 23 - Expenditure on Grants, Subsidies Project Expenditure

(Amount-Rs.)

	Current Year	Previous Year
a) Grants given to Institutions/Organizations	0.00	0.00
b) Subsidies given to Institutions/Organizations	0.00	0.00
c) Others (As per Annexure-B) (Project expenditure of sugar mills.)	0.00	16000000.00
d) Honorarium for Consultancy Work (given to staff of TIFAC)	0.00	0.00
TOTAL	0.00	16000000.00

Note – Name of the Entities, their Activities along with the amount of Grants/Subsidies are to be disclosed.

Schedule 24 - Interest

(Amount-Rs.)

	Current Year	Previous Year
a) On Fixed Loans	0.00	0.00
b) On Other Loans (including Bank Charges)	0.00	0.00
c) Others (Specify)	0.00	0.00
TOTAL	0.00	0.00



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Mission Mode Project on Sugar Production Technology Schedules Forming Part of Accounts for the Period Ended 31.03.2008

Schedule - 25

ACCOUNTING POLICIES AND NOTES TO THE ACCOUNTS FOR THE YEAR ENDING 31ST MARCH, 2008

A) ACCOUNTING POLICIES

- 1 The Mission had adopted Mercantile System of Accounting.
- 2 Fixed Assets are shown at cost less depreciation
- 3 Prior period and extra ordinary items and changes in accounting policies having material impact on the financial affairs of the Mission are disclosed.
- 4 Depreciation has been calculated as per Income Tax Act, 1961
- 5 Amounts released under various projects are accounted as expenditure for the year in which the same are released, irrespective of the fact that the amounts so released may not have been fully utilised towards the projects during the accounting year.
- 6 The repayment of grant / assistance towards Sugar Technology Mission Project by the beneficiaries or contributions made by them towards development of technology as per conditions stated in agreements with them, are accounted for on receipt basis.
- 7 All disbursements for projects are treated as expenditure and assets created, if any, out of the said disbursements to the project, are not accounted for as assets in the books.
- 8 Contingent liabilities in respect of on-going Projects / Studies etc. are neither provided nor determined.

B) NOTES TO THE ACCOUNTS

- 1 The income tax liability if any will be provided in the books of account on the basis of actual payment of Income tax Department. (However TIFAC has been declared on SCIENTIFIC INSTITUTION FOR THE PURPOSE).
- 2 Amount due from beneficiaries of contributions for the year 2007-2008 was Rs. 119.0 lacs, it has not been considered in the books of Accounts. Rs.420.0 lacs is overdue as on 31.03.2008 for more than 3 years.
- 3 Previous year figures have been regrouped wherever necessary to make them comparable with current figures.
- 4 Bank Account has been frozen with effect from 27-07-2007. Cheques issued but not presented by the parties will be the liability of TIFAC.

for **Chandiwala Gupta & Associates**
Chartered Accountants

Sd/-
Bharat Bhushan
(Partner)

Sd/-
Accounts Officer

Sd/-
Registrar

Sd/-
Head of S.T.U

Date : 07-07-08

Place: New Delhi

**Mission Mode Project on Sugar Production Technology
Schedules Forming Part of Accounts for the Period Ended 31.03.2008**

Schedule 26 - Contingent Liabilities and Notes on Accounts (Illustrative)

1. Contingent Liabilities

1.1. Claims against the Entity not acknowledged as debts – Rs. NIL (Previous year Rs. NIL)

1.2. In respect of

- Bank guarantees given by/on behalf of the Entity – Rs. NIL (Previous year Rs. NIL)
- Letters of Credit opened by Bank on behalf of the Entity – Rs. NIL (Previous year Rs. NIL)
- Bills discounted with banks Rs. NIL (Previous year Rs. NIL)

1.3. Disputed demands in respect of:

Income-tax Rs. NIL (Previous year Rs. NIL)

Sales-tax Rs. NIL (Previous year Rs. NIL)

Municipal Taxes Rs. NIL (Previous year Rs. NIL)

1.4. In respect of claims from parties for non-execution of orders, but contested by the Entity – Rs. NIL (Previous year Rs. NIL)

2. Capital Commitments

Estimated value of contracts remaining to be executed on capital account and not provided for (net of advances) Rs. NIL (Previous year Rs. NIL)

3. Lease Obligations

Future obligations for rentals under finance lease arrangements for plant and machinery amount to Rs. NIL (Previous year Rs. NIL)

4. Current Assets, Loans And Advances

In the opinion of the Management, the current assets, loans and advances have a value on realization in the ordinary course of business, equal at least to the aggregate amount shown in the Balance Sheet.

5. Taxation

In view of there being no taxable income under Income-tax Act 1961, no provision for Income Tax has been considered necessary.



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Mission Mode Project on Sugar Production Technology Schedules Forming Part of Accounts for the Period Ended 31.03.2008

Schedule 27 - Contingent Liabilities and Notes on Accounts (Illustrative) - Contd.

6. FOREIGN CURRENCY TRANSACTIONS

(Amount-Rs.)

	Current Year	Previous Year
8.1. Value of Imports Calculated on C.I.F. Basis:		
- Purchase of finished Goods	N.A.	N.A.
- Raw Materials & Components (Including in transit)	N.A.	N.A.
- Capital Goods	N.A.	N.A.
- Stores, Spares and Consumables	N.A.	N.A.
8.2. Expenditure in foreign currency:		
d) Travel	N.A.	N.A.
e) Remittances and Interest payment to Financial Institutions/ Banks in Foreign Currency	N.A.	N.A.
f) Other expenditure:		
- Commission on Sale	N.A.	N.A.
- Legal and Professional Expenses	N.A.	N.A.
- Miscellaneous Expenses	N.A.	N.A.
8.3. Earnings:		
Value of Exports on FO basis	N.A.	N.A.
8.4. Remuneration to auditors:		
As Auditors	11236.00	12570.00
- Taxation matters		
- For Management services		
- For certification		
Others		

9. Corresponding figures for the previous year have been regrouped/rearranged, wherever necessary.

10. Schedules 1 to 26 are annexed to and form an integral part of the Balance Sheet as at 31.03.2008 and the Income and Expenditure Account for the year ended on that date.

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Mission Mode Project on Sugar Production Technology Receipts & Payments for the Period / Year Ended 31.3.2008

Receipt

Particulars	Current Year Amount (Rs.)	Previous Year (Amount (Rs.))
I. Opening Balance		
a) Cash in hand	373.00	406.00
b) Bank Balances		
i) In current accounts	NIL	NIL
ii) In deposit accounts	62458250.00	50158219.43
iii) Savings accounts	7236986.00	12149806.00
iv) Flexi accounts	37395549.00	48830887.00
II. Grants Received		
a) From Government of India		
b) From State Government		
c) From other sources (Implementation Programme Fiji Sugar Industries) (Grants for capita & revenue exp. To be shown separately).	0.00	0.00
d) Amount received from TIFAC	0.00	0.00
III. Income on Investments From		
a) Earmarked/Endow, Funds.	0.00	0.00
b) Own Funds (Oth. Investment)	0.00	0.00
IV Interest Received		
a) On Bank deposits	789678.00	3460492.00
b) Loans, Advances etc.	176.00	528.00
V) Other Income (Specify)		
- Refunds from projects	1400000.00	7420000.00
- Interest of refunds from projects.	0.00	90690.00
- Earnest Money received (As per Annexure)		
- Consultancy	0.00	0.00



Technology Information, Forecasting & Assessment Council
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Receipts

Particulars	Current Year Amount (Rs.)	Previous Year (Amount (Rs.))
- Interest Accrued on Flexi Bond	1061296.00	2808154.00
- Fees for Misc. Services	150000.00	1193998.00
VI. Amount Borrowed		
VII. Any other receipts (give Details)	0.00	0.00
- Earnest Money	0.00	0.00
- Staff loan recovery	2000.00	6000.00
- Other receipts	.....	.....
- Security with MTNL	.....	.....
- Security Deposit - Matrix Power Products	.....	.....
- Miscellaneous Income	5335.00	9400.00
- Prime Minister's Relief Fund	0.00	0.00
TOTAL	110499643.00	126128580.43

for **Chandiwala Gupta & Associates**
Chartered Accountants

Sd/-
Bharat Bhushan
(Partner)

Sd/-
Accounts Officer

Sd/-
Registrar

Sd/-
Head of S.T.U

Date : 07-07-2008

Place : New Delhi

Annual Report - वार्षिक रिपोर्ट 2007-08

Payments

Particulars	Current Year Amount (Rs.)	Previous Year (Amount (Rs.))
I. Expenses		
a) Establishment Expenses (corresponding to Schedule 21) less Expenses payable	465404.00	1638945.00
b) Administrative Expenses (corresponding to Schedule 22) less Expenses payable	1208044.00	495484.00
c) TDS deducted & deposit on expense	0.00	0.00
II. Payments made against funds for various Projects_____		
(Name of the fund or project should be shown along with the particulars of payments made for each project)	0.00	16000000.00
(As per Annexure-B)		
(As per Annexure E)	1091.00	510849.00
III Investments and deposits made		
a) Out of Earmarked/Endowment funds	0.00	0.00
b) Out of Own Funds (Investments-Others)		
IV Expenditure on Fixed Assets & Capital Work in Progress		
a) Purchase of Fixed Assets	0.00	3828.00
b) Expenditure on Capital Work-n-progress		
V) Refund of surplus money/Loans		
a) To the Government of India	.....	.....
b) To the State Government	.....	.....
c) To other providers of funds	.....	.....
d) Advance Paid to staff	0.00	0.00
VI Finance Charges (Interest)	0.00	0.00
VII Other Payments (Specify)	0.00	0.00
(Payment to sundry creditors TIFAC)		
TDS .....	.....
Payment of Security deposit	0.00	200000.00
Expenses payable of 2006-07 paid	396408.00	188316.00



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Payments

Particulars	Current Year Amount (Rs.)	Previous Year (Amount (Rs.))
VIII Closing Balance		
a) Cash in hand	3724.00	373.00
b) Bank Balance		
i) In current accounts	NIL	NIL
ii) In deposit accounts (Short term Deposited)	43857.00	62458250.43
iii) Savings accounts	13742892.00	7236986.00
iv) Flexi Deposit	94638223.00	37395549.00
TOTAL	110499643.00	126128580.43

for **Chandiwala Gupta & Associates**
Chartered Accountants

Sd/-
Bharat Bhushan
(Partner)

Sd/-
Accounts Officer

Sd/-
Registrar

Sd/-
Head of S.T.U

Date : 07-07-2008

Place : New Delhi

Annual Report - वार्षिक रिपोर्ट 2007-08

Annexure-A Refund From Projects (Principal Amount)

Particulars	Current Year	Previous Year
E.R.P System (M/s The Godawari Sugar Mills Ltd.)	0.00	2520000.00
ADU-FSB-WHR (M/s G.M.R Technologies & Industries Ltd.)	0.00	700000.00
Distillery Effluent Treatment System (M/s Ugar Sugar Works Ltd)	0.00	1400000.00
Planetary Gear Box (Shri. Chamundeswari Sugars Ltd.)	1400000.00	2800000.00
	1400000.00	7420000.00

Annexure-B Project Expenditure

Particulars	Current Year	Previous Year
Project Expenditure of Sugar Mills	NIL	16000000.00



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Annexure-C Securities/Earnest Money Received

Particulars	Current Year As on 31.03.2008
M/s Sakthi Sugars Ltd., TN	100000.00
M/s Pratappur Sugar Industry Ltd.	100000.00
M/s RBN Sugar Mills	100000.00
M/s L.H. Sugar	100000.00
M/s Riga Sugar	100000.00
M/s Jind Coop-Sugar	100000.00
M/s Vishnu Sugar Ltd.	100000.00
M/s DSM Sugar	100000.00
M/s Valsad Sugar	100000.00
M/s Budhewal Co op.	100000.00
M/s Palwal Sugar Ltd.	100000.00
M/s Godawari Sugar Mill	100000.00
M/s Padamashri Dr. Vithalrao Vikho Patil SSK Ltd.	100000.00
M/s Mawana Sugar	100000.00
M/s EID Parry, Pugalur	100000.00
M/s Vishwas Rau Naik SSK Ltd.	100000.00
M/s Terna SSK Ltd.	100000.00
M/s Shakumbani Sugars Ltd.,	100000.00
M/s Shri Talabu Taluka SKM	100000.00
M/s Bileshwar khurd Udyog Khedut Sahakari Mandal Ltd.	100000.00
M/s Sanjivani SSK Ltd.	100000.00

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Particulars	Current Year As on 31.03.2008
M/s Rahuri S.S.K. Ltd	100000.00
M/s Ashok SSK Ltd.	100000.00
M/s Simbhaoli Sugar	300000.00
M/s Jagadamba SSK	100000.00
M/s Rana Sugar Ltd.	100000.00
M/s Dharani Sugar & Chemical Ltd.,	100000.00
M/s Bharat Sugar Ltd.	100000.00
M/s Triveni Engg. Industries Ltd.	200000.00
M/s Uttam Sugars Ltd.	100000.00
M/s Chamundeswari Sugar Mill	200000.00
M/s Mansurpur sugar Mills	100000.00
Total	36,00,000.00



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Auditor's Report

The Members,
National Mission on Bamboo Applications
New Delhi – 110016

We have audited the attached Balance Sheet of National Mission on Bamboo Applications Under TECHNOLOGY INFORMATION, FORECASTING & ASSESSMENT COUNCIL (TIFAC), NEW DELHI as on 31st March 2008 and also the attached Income & Expenditure Accounts for the year ended on that date.

These financial statements are the responsibility of the management of the National Mission on Bamboo Applications-TIFAC. Our responsibility is to express an opinion on these financial statements based on our audit.

We conducted our audit in accordance with auditing standards generally accepted in India.

Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by the management, as well as evaluating the overall presentations of the financial statements. We believe that our audit provides a reasonable basis for our opinion.

Subject to our Audit objections as per Annexure AR-1, comments given in the following Notes on accounts as per schedule -24 &25, Note No B-1 -> Non – Accounting of Stock of Publication of NMBA, Note No. B-2 -> Non-receipt of utilization statements in respect of grant utilized from the implementing agency in some cases, we report that :-

- 1) We have obtained all the information and explanation which to the best of our knowledge and belief were necessary for the purposes of our Audit.
- 2) In our opinion proper books of account as required by law have been kept by National Mission on Bamboo Applications- TIFAC.
- 3) The Balance sheet and Income and Expenditure Accounts dealt with by this report are in agreement with the books of account.
- 4) In our opinion and to the best of our information and according to the explanations given to us, the said accounts read with the schedules and notes thereto given the information required and given a true and fair view :-
 - a) In case of Balance Sheet , of the state of affair of the NMBA as at 31st March 2008.
 - b) In case of Income & Expenditure Account, of the excess of income over expenditure for the accounting year ended on that date.

For **Chandiwala Gupta & Associates**
Chartered Accountants

Date : 7th July, 2008
Place : New Delhi

Bharat Bhushan
(Partner)

Annual Report - वार्षिक रिपोर्ट - 2007-08

Annexure - AR-1 Audit Observation

- 1) It is observed that in few cases, TDS has been deducted late & deposited late.
- 2) Project wise memorandum ledger should be maintained for the proper control of payment received against parties account.
- 3) As per agreement of various projects the financial Assistance given by TIFAC / NMBA will be refunded in installment as per the specified period as maintained the agreement but it is analyzed that some companies have not repaid their installment in times. The detail are given as under for the F.Y. – 2007-08.

Name of the Project/Co.	Amount due on 31.03.08 (Rs. in Lakhs)	Amount Received during the year 07-08 (Rs. in Lakhs)	Remarks (Receivable) (Rs. in Lakhs)
Nagaland Bamboo P.Ltd.	Rs. 8.00	Rs. 2.50	Rs. 5.50 lakh
Bsera Building Centre	Rs. 1.59	Rs. 0.795	Rs. 0.795 lakh
Wood Master(I)	Rs. 26.334	Rs. 22.056	Rs. 4.278 lakh
Vedha	Rs. 4.114	Rs. 2.057	Rs. 2.057 lakh
Barak bamboo & Cane	Rs. 0.85	Rs. 0.00	Rs. 0.85 lakh
TOTAL	Rs. 40.888 lakh	Rs. 27.408 lakh	Rs. 13.48 lakh



Technology Information, Forecasting & Assessment Council
प्रौद्योगिकी सूचना, पूर्वानुमान एवं मूल्यांकन परिषद्

**National Mission on Bamboo Applications
Technology Information, Forecasting & Assessment Council
Balance Sheet as on 31.03.2008**

(Amount-Rs.)

	Schedule	Current Year	Previous Year
Corpus/Capital Fund and Liabilities			
Corpus /Capital Fund	1	120567126.21	109653500.00
Reserves and Surplus	2	0.00	0.00
Earmarked/ Endowment Funds	3	0.00	0.00
Secured Loans and Borrowings	4	0.00	0.00
Unsecured Loans and Borrowings	5	0.00	0.00
Deferred Credit Liabilities	6	0.00	0.00
Current Liabilities and Provisions	7	283246.00	460022.00
TOTAL		120850372.21	110113522.00
ASSETS			
Fixed Assets (Net)	8	3392981.00	3660919.00
Investments – From Earmarked/Endowment Funds	9	0.00	0.00
Investments – Others	10	0.00	0.00
Current Assets, Loans, Advances etc.	11	117457391.21	106452603.00
Capital Work In Progress.		0.00	0.00
Miscellaneous Expenditure (to the extent not written off or adjusted)		0.00	0.00
TOTAL		120850372.21	110113522.00
Significant Accounting Policies	24		
Contingent Liabilities And Notes On Accounts	25		

As per our report of even date

for **Chandiwala Gupta & Associates**
Chartered Accountants

**Sd/-
(Bharat Bhushan)
(PARTNER)**

**Sd/-
Account Officer**

**Sd/-
Registrar
NMBA**

**Sd/-
Mission Director
NMBA**

DATE : 7th July, 2008
PLACE : NEW DELHI

Annual Report - वार्षिक रिपोर्ट 2007-08

T.I.F.A.C. National Mission on Bamboo Applications Income and Expenditure Account For the Year Ended 31.03.2008

(Amount-Rs.)

Income	Schedule / Annexure	Current Year	Previous Year
Income From Sales / Services	Schedule 12	0.00	0.00
Grants/Subsidies	Schedule 13	200000000.00	300000000.00
Fees / Subscriptions	Schedule 14	0.00	0.00
Income From Investment	Schedule 15	0.00	0.00
Income from Royalty, Publication Etc.	Schedule 16	495962.00	587602.00
Interest Earned	Schedule 17	3222230.00	2814573.70
Other Income	Schedule 18	160067433.00	10558031.00
Increase/Decrease in Stock of Finished Goods & Work in Progress	Schedule 19	0.00	0.00
Refund from Projects & Others			
Total (A)		363785625.00	313960206.70
Expenditure			
Establishment Expenses	Schedule 20	5677845.00	5523946.00
Other Administrative Expenses etc.	Schedule 21	19452281.79	19157582.80
Expenditure on Grant ,Subsidies Etc.(Project Expenditures)	Schedule 22	327296027.00	255721339.00
Interest	Schedule 23	00.00	0.00
Depreciation on (Net Total at the Year end)	Schedule 08	445845.00	527948.00
Total (B)		352871998.79	280930815.80
Balance being excess of Income over Expenditure (A-B)		10913626.21	33029390.90
Balance being excess of Expenditure over Income (B-A)			
Balance being Surplus transferred to Corpus/Capital Fund		10913626.21	
Balance being Deficit transferred to Corpus/Capital Fund			

As per our report of even date

for **Chandiwala Gupta & Associates**
Chartered Accountants

Sd/-
(Bharat Bhushan)
(PARTNER)

Sd/-
Account Officer

Sd/-
Registrar
NMBA

Sd/-
Mission Director
NMBA

DATE : 7th July,2008
PLACE : NEW DELHI



Technology Information, Forecasting & Assessment Council
प्रौद्योगिकी सूचना, पूर्वानुमान एवं मूल्यांकन परिषद्

**National Mission on Bamboo Applications
Technology Information Forecasting & Assessment Council (TIFAC)
Schedules Forming Part of Balance Sheet as at 31.03.2008**

Schedule 1 - Corpus/Capital Fund

(Amount-Rs.)

	National Mission on Bamboo Applications Current Year Balance	National Mission on Bamboo Applications Previous Year Balance
Opening Balance	109653500.00	76624109.10
Amount of diff. in opening balance of fixed assets not taken from TIFAC books of A/c in NMBA F/A schedule	0.00	0.00
Excess of Income Over Expenditure	10913626.21	33029390.90
Total	120567126.21	109653500.00
Excess of Expenditure over Income	0.00	0.00
Total	0.00	0.00
Closing Balance	120567126.21	109653500.00

Schedule 2 - Reserve and Surplus :

	Current Year	Previous Year
1. Capital Reserve :		
As per last Account	0.00	0.00
Addition during the year	0.00	0.00
Less : Deductions during the year	0.00	0.00
2. Revaluation Reserves :		
As per last Account	0.00	0.00
Addition during the year	0.00	0.00
Less : Deductions during the year	0.00	0.00
3. Special Reserve :		
As per last Account	0.00	0.00
Addition during the year	0.00	0.00
Less : Deductions during the year	0.00	0.00
4. General Reserve :		
As per last Account	0.00	0.00
Addition during the year	0.00	0.00
Less : Deductions during the year	0.00	0.00
TOTAL	0.00	0.00

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National Mission on Bamboo Applications Technology Information Forecasting & Assessment Council Schedules Forming Part of Balance Sheet as at 31.03.2008

Schedule 3 - Earmarked/Endowment Funds

(Amount-Rs.)

	Current Year	Previous Year
a) Opening Balance of the funds	0.00	0.00
b) Additions to the Funds:		
i) Donations /grants	0.00	0.00
ii) Income from investments made on account of funds	0.00	0.00
iv) Other Additions (Specify)	0.00	0.00
TOTAL (a + b)	0.00	0.00
c) Utilization /Expenditure towards objectives of funds		
i) Capital Expenditure	0.00	0.00
Fixed Assets	0.00	0.00
Others	0.00	0.00
ii) Revenue Expenditure		
Salary, Wages and allowance etc	0.00	0.00
Rent	0.00	0.00
Other Administrative Expenses	0.00	0.00
TOTAL (c)	0.00	0.00
Net Balance as at the year end (a + b- c)	0.00	0.00

Notes

- 1) Disclosures shall be made under relevant Heads based on conditions attaching to the Grants.
- 2) Plan Funds received from Central /State Governments are to be shown as separate Funds and not to be mixed up with any other Funds



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National Mission on Bamboo Applications
Technology Information Forecasting & Assessment Council (TIFAC) (Regular)
Schedules Forming Part of Balance Sheet as at 31.03.2008

Schedule 4 – Secured Loans and Borrowings:

(Amount-Rs.)

	Current Year	Previous Year
1. Central Government	0.00	0.00
2. State Government (Specify)	0.00	0.00
3. Financial Institutions		
a) Term Loans	0.00	0.00
b) Interest accrued and due	0.00	0.00
4. Banks:		
a) Term Loans	0.00	0.00
- Interest accrued and due		
b) Other Loans (specify)	0.00	0.00
- Interest accrued and due		
5. Other Institutions and Agencies	0.00	0.00
6. Debentures and Bonds	0.00	0.00
7. Others (Specify)	0.00	0.00
TOTAL	0.00	0.00

Note : Amounts due within one year

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Technology Information Forecasting & Assessment Council (TIFAC) (Regular) Schedules Forming Part of Balance Sheet as at 31.03.2008

Schedule 5 - Unsecured Loans and Borrowings :

(Amount-Rs.)

	Current Year	Previous Year
1. Central Government	0.00	0.00
2. State Government (Specify)	0.00	0.00
3. Financial Institutions	0.00	0.00
4. Banks:		
a) Term Loans	0.00	0.00
b) Other Loans (specify)	0.00	0.00
5. Other Institutions and Agencies	0.00	0.00
6. Debentures and Bonds	0.00	0.00
7. Fixed Deposits	0.00	0.00
8. Others (Specify)	0.00	0.00
TOTAL	0.00	0.00

Note : Amounts due within one year

Schedule 6 - Deferred Credit Liabilities :

(Amount-Rs.)

	Current Year	Previous Year
a) Acceptances secured by hypothecation of Capital equipment and other assets	0.00	0.00
b) Others	0.00	0.00
TOTAL	0.00	0.00

Note: Amounts due within one year



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**National Mission on Bamboo Applications
Technology Information Forecasting & Assessment Council (TIFAC) (Regular)
Schedules Forming Part of Balance Sheet as at 31.03.2008**

Schedule 7 - Current Liabilities and Provisions

(Amount-Rs.)

	Current Year	Previous Year
A. Current Liabilities		
1. Acceptances	0.00	0.00
2. Sundry Creditors:		
a) For Goods	0.00	0.00
b) Others	0.00	0.00
3. Advances Received	0.00	0.00
4. Interest accrued but not due on:		
a) Secured Loans/Borrowings	0.00	0.00
b) Unsecured Loans /Borrowings	0.00	0.00
5. Statutory Liabilities:		
a) Over dues	0.00	0.00
b) Others	0.00	0.00
6. Other current Liabilities		
a) Salary Payable	263246.00	450022.00
b) Security Deposit : NG'S Designs Pvt. Ltd.	00.00	00.00
c) TIFAC Expenses Payable	00.00	00.00
d) Audit Fee Payable	20000.00	10000.00
TOTAL (A)	283246.00	460022.00
B. Provisions		
1. For Taxation	0.00	0.00
2. Gratuity	0.00	0.00
3. Superannuation /Pension	0.00	0.00
4. Accumulated Leave Encashment	0.00	0.00
5. Trade Warranties/Claims	0.00	0.00
6. Others (Specify)	0.00	0.00
TOTAL (B)	0.00	0.00
TOTAL (A+B)	283246.00	460022.00

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National Mission on Bamboo Applications Technology Information Forecasting & Assessment Council (TIFAC) (Regular) Schedules Forming Part of Balance Sheet as at 31.03.2008

Schedule 8 - Fixed Assets

(Amount-Rs.)

Description	Gross Block				Depreciation				Net Block	
	Cost/ valuation As at beginning of the year	Additions during the year	Deductions during the year	Cost/ valuation at the year end	Dep. Up to 31.03. 2007	On Opening balance	On Additions during the year	Total upto the year end	As at the current year end	As at the previous year end
A. Fixed Assets										
1. a) Freehold	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b) Leasehold	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2. Building										
a) On Freehold Land	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
b) On Leasehold Land	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
c) Ownership Flats/ Premises	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
d) Superstructures on Land not	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
e) Interior Works	3319566.00	0.00	0.00	3319566.00	147404.00	158608.00	0.00	306012.00	3013554.00	3172162.00
3. Plant Machinery & Equipment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4. Vehicles	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5. Furniture & Fixtures	86673.00	0.00	0.00	86673.00	8697.00	7798.00	0.00	16495.00	70178.00	77976.00
6. Office Equipment	106478.00	1850.00	0.00	108328.00	13977.00	13875.00	139.00	27991.00	80337.00	92501.00
7. Computer/Peripherals	616070.00	161479.00	0.00	777549.00	350682.00	159233.00	96575.00	606490.00	171059.00	265388.00
8. Electric Installations	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9. Library Books	60080.00	14578.00	0.00	74658.00	7188.00	7934.00	1683.00	16805.00	57853.00	52892.00
10. Tubewell & W.Supply	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11. Other Fixed Assets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total of Current Year	4188867.00	177907.00	0.00	4366774.00	527948.00	347448.00	98397.00	973793.00	3392981.00	3660919.00
Previous Year	3191038.00	997829.00	0.00	4188867.00	0.00	417798.00	110150.00	527948.00	3660919.00	640239.00
B. Capital Work In Progress										



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National Mission on Bamboo Applications
Technology Information Forecasting & Assessment Council (TIFAC) (Regular)
Schedules Forming Part of Balance Sheet as at 31.03.2008

Schedule 9 - Investments From Earmarked/Endowment Funds

(Amount-Rs.)

	Current Year	Previous Year
1. In Government Securities	0.00	0.00
2. Other approved Securities	0.00	0.00
3. Shares	0.00	0.00
4. Debentures and Bonds	0.00	0.00
5. Subsidiaries and Joint Ventures	0.00	0.00
6. Others (to be specified)	0.00	0.00
TOTAL	0.00	0.00

Schedule 10 - Investments - Others

(Amount-Rs.)

	Current Year	Previous Year
1. In Government Securities	0.00	0.00
2. Other approved Securities	0.00	0.00
3. Shares	0.00	0.00
4. Debentures and Bonds	0.00	0.00
5. Subsidiaries and Joint Ventures	0.00	0.00
6. Others (to be specified)	0.00	0.00
TOTAL	0.00	0.00

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National Mission on Bamboo Applications Technology Information Forecasting & Assessment Council (TIFAC) (Regular) Schedules Forming Part of Balance Sheet as at 31.03.2008

Schedule 11 - Current Assets, Loans, Advances etc.

(Amount-Rs.)

	Current Year		Previous Year	
A. Current Assets				
1. Inventories:				
a) Stores and Spares	0.00		0.00	
b) Loose Tools	0.00		0.00	
c) Stock-in-trade	0.00		0.00	
Finished Goods	0.00		0.00	
Work-in-progress	0.00		0.00	
Raw Materials	0.00		0.00	
2. Sundry Debtors:				
Sundry Debtors-MTNL	0.00		0.00	
3. Cash balances in hand (including cheques/drafts and imprest)	0.00		17711.00	
4. Bank Balances:				
a) With Scheduled Banks: (Union Bank of India)	0.00		0.00	
On Current Accounts				
On Deposit Accounts (Short term deposits)				
On Savings Accounts				
On Interest Receivable				
b) With non-Scheduled Banks:				
On Current Accounts	00.00		00.00	
On Deposit Accounts	00.00		00.00	
On Savings Accounts	117427901.21		106179737.00	
On Interest Receivable	00.00		00.00	
5. Post Office-Savings Accounts	00.00		00.00	
TOTAL (A)	117427901.21		106197448.00	



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(Amount-Rs.)

	Current Year		Previous Year	
B. <u>Loans, Advances And Other Assets</u>				
1. Loans	0.00		0.00	
2. Advance and other amounts recoverable in cash or in kind or for value to be received.				
a) On capital Account	0.00		0.00	
3) Advance for projects materials				
a) Prepayments	0.00		0.00	
b) Others				
- Security Deposit MTNL	500.00		500.00	
- Security Deposit :Romi Sukhija (Lease)	00.00		19000.00	
- Security Deposit: Sh. Harish C. Gaur	19000.00		19000.00	
- Tour Advance : Sh. Aseem Narain	1500.00		00.00	
- Tour Advance : Col. Arvind Malhotra	00.00		203655.00	
- Tour Advance : Sh. Sudhir Pandey	8000.00		8000.00	
- Tour Advance : Sh. Ajay Kumar	00.00		5000.00	
4. Income Accrued:-				
a) On Investments from Earmarked/ Endowment Funds	00.00		00.00	
b) On Investment – Others	00.00		00.00	
c) On Loans and Advances	00.00		00.00	
d) Others (includes income due unrealized				
e) Lease Accommodation : Sh. S.K. Pandey	490.00		00.00	
5. Claims Receivable	00.00		00.00	
TOTAL – B	29490.00		255155.00	
TOTAL (A + B)	117457391.21		106452603.00	

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National Mission on Bamboo Applications Technology Information Forecasting & Assessment Council (TIFAC) (Regular) Schedules Forming Part of Income & Expenditure for the Year Ended 31.03.2008

Schedule 12 - Income From Sales / Services

(Amount-Rs.)

	Current Year	Previous Year
1. Income from Sales		
a) Sale of finished Goods	0.00	0.00
b) Sale of Raw Material	0.00	0.00
c) Sale of Scraps	0.00	0.00
2. Income from Services		
a) Labour and Processing Charges	0.00	0.00
b) Professional/Consultancy Services	0.00	0.00
c) Agency Commissions and Brokerage	0.00	0.00
d) Maintenance Services (Equipment/Property)	0.00	0.00
e) Others (Specify)	0.00	0.00
TOTAL	0.00	0.00

Schedule 13 - Grants/Subsidies (TIFAC Regular) (Irrevocable Grants & Subsidies Received)

(Amount-Rs.)

	Current Year	Previous Year
1. From Central Government		
A NMBA GRANTS		
Grants in Aid (Plan)	200000000.00	300000000.00
Grant in Aid (Non plan)	00.00	00.00
* Transferred From TIFAC	00.00	00.00
2. State Government(s)	00.00	00.00
3. Government Agencies	00.00	00.00
4. Institutions/Welfare Bodies	00.00	00.00
5. International Organizations	00.00	00.00
6. Others (Specify)	00.00	00.00
TOTAL	200000000.00	300000000.00



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National Mission on Bamboo Applications Schedules Forming Part of Income & Expenditure for the Year Ended 31.03.2008

Schedule 14 - Fees/Subscriptions

(Amount-Rs.)

	Current Year	Previous Year
1. Entrance Fees	0.00	0.00
2. Annual Fees/Subscriptions	0.00	0.00
3. Seminar/Program Fees	0.00	0.00
4. Consultancy Fees	0.00	0.00
5. Others (Specify)	0.00	0.00
TOTAL	0.00	0.00

Schedule 15 - Income from Investments

(Amount-Rs.)

	Investment from Earmarked Fund		Investment – Others	
	Current Year			Previous Year
(Income on Invest. From Earmarked/ Endowment Funds transferred to Funds)				
1. Interest				
a) On Govt. Securities	0.00			0.00
b) Other Bonds/Debentures	0.00			0.00
2. Dividends:				
a) On Shares	0.00			0.00
b) On Mutual Fund Securities	0.00			0.00
3. Rents	0.00			0.00
4. Others (Specify)	0.00			0.00
TOTAL	0.00			0.00

Transferred to Earmarked/Endowment Funds

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National Mission on Bamboo Applications Technology Information Forecasting & Assessment Council (TIFAC) (Regular) Schedules Forming Part of Income & Expenditure for the Year Ended 31.03.2008

Schedule 16 - Income From Royalty, Publications Etc.

(Amount-Rs.)

	Current Year	Previous Year
1. Income from Royalty	00.00	00.00
2. Income from Publications	495962.00	587602.00
3. Others (Specify)	00.00	00.00
4. Interest : Mobilisation Advance. (Civil)	00.00	00.00
TOTAL	495962.00	587602.00

Schedule 17 - Interest Earned (Regular)

(Amount-Rs.)

	Current Year	Previous Year
1. On Term Deposits:		
a) With Scheduled Banks	00.00	2174930.70
b) With Non-Scheduled Banks	00.00	00.00
c) With Institutions	00.00	00.00
d) Others	00.00	00.00
2. On Savings Accounts:		
a) With Scheduled Banks	3222230.00	639643.00
b) With Non-Scheduled Banks	00.00	00.00
c) Post Office Savings Accounts	00.00	00.00
d) Others	00.00	00.00
3. On Loans:		
a) Employees/Staff	00.00	00.00
b) Others (Long term advances)	00.00	00.00
4. Interest on Debtors and Other Receivables	00.00	00.00
TOTAL	3222230.00	2814573.70

Note - Tax deducted at source to be indicated



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Schedule 18 - Other Income

(Amount-Rs.)

	Current Year	Previous Year
1. Profit on Sale/disposal of Assets		
a) Owned assets	0.00	0.00
2. Assets acquired out of grants, or received free of cost	0.00	0.00
3. Export Incentives realized	0.00	0.00
4. Fees for Miscellaneous Services	0.00	0.00
5. Miscellaneous Income		
- Other receipts (computers)	0.00	6000.00
- Other Receipt (Licence fee)	5880.00	6370.00
- Other Receipt(Sale of Plantation)	97500.00	270000.00
- <u>Project grant Unspent balance refund</u>		
CIPET- Bamboo Fiber Rainforce thermoplast	0.00	280000.00
SE, Hyderabad- Design of Hydrolic Machine	0.00	225000.00
SDC: Unspent balance as supply of prefab structure advance	187894.00	0.00
- <u>Project Refund :-</u>		
Refund : NFPL,Nagaland 1800TPA Bamboo shoot project	250000.00	250000.00
Refund : SPF,Bongaigoan - Silver making (Reversal of bounced ch.)	(330000.00)	350000.00
Refund : Deva, Imphal Silver & Furniture unit at Imphal (Nedfi)	00.00	68750.00
Refund : Basera Building Centre,Bhopal	79500.00	0.00
Refund : Kosons Forest Products Pvt. Ltd.,Guwahati	40000.00	0.00
Refund : Prince Carbon Ind., Najibabad	150000.00	0.00
Refund : Erore Way Pvt. Ltd.,Nagpur	67500.00	0.00
Refund : SMWPL, Bangalore	1848000.00	0.00
Refund : Suta Bamboo Ind.,Namsai	53500.00	0.00
Refund : SVM Expension-EF Bamboo Ply Unit	223900.00	0.00
Refund : GT,Dewas Mach. Instrument for better Qty.	680000.00	0.00
Refund : HPC, Nagon Paper Mills Ltd. For Bamboo Dust Gassifire	3500000.00	0.00
Refund :Wmipl, Ludhiana for Adv. Machine Mfg. unit	2205600.00	0.00
Refund : Zbi Bamboo Processing Flattened bamboo Unit at Namsai	139400.00	0.00
Refund : Vedha Machanised process unit at Nagpur	205700.00	0.00
Project Contribution / Subsidies for demonstration of Structure	0.00	8842734.00
- Prefab Contribution from 56 Engg. Regt., Sagar, Hyderabad	21000000.00	0.00
- Prefab Contribution from Rajiv Gandhi Siksha Mission, Dantewara	110781520.00	0.00
- Other receipts (Partner Contribution of Prefab shelter)	18881539.00	259177.00
TOTAL	160067433.00	10558031.00

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National Mission on Bamboo Applications Technology Information Forecasting & Assessment Council (TIFAC) (Regular) Schedules Forming Part of Income & Expenditure for the Period/Year Ended 31.03.2008.

Schedule 19 - Increase/(Decrease) in Stock of Finished Goods & Work in Progress

(Amount-Rs.)

	Current Year	Previous Year
a) Closing stock		
- Finished Goods	0.00	0.00
- Work-in-progress	0.00	0.00
b) Less: Opening Stock		
- Finished Goods	0.00	0.00
- Work-in-progress	0.00	0.00
NET INCREASE/(DECREASE) [a-b]	0.00	0.00



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Schedules Forming Part of Income & Expenditure for the Period/Year Ended 31.03.2008**

Schedule 20 - Establishment Expenses (NMBA / TIFAC Regular)

(Amount-Rs.)

	Current Year	Previous Year
a) Salaries	4266007.00	4824455.00
b) Allowances and Bonus	9662.00	6578.00
c) TIFAC Employer Contribution to Provident Fund	80950.00	39655.00
d) Contribution to Other Fund (specify)	0.00	00.00
e) Staff Welfare Expenses	0.00	00.00
f) Expenses on Employees' Retirement and Terminal benefit(Gratuity)	0.00	00.00
g) Others (Specify)		
- Consultancy charges	00.00	00.00
- Wages	00.00	00.00
- Honorarium	00.00	00.00
- Medical Expenses	342787.00	165566.00
- Leave Travel Concession	5004.00	45590.00
- Leave Salary	11715.00	11902.00
- Lease Accommodation	292650.00	300900.00
- Transfer on Traveling Allowance	134543.00	112300.00
- Member ship Fee	00.00	17000.00
- Pension Contribution	534527.00	00.00
TOTAL	5677845.00	5523946.00

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National Mission on Bamboo Applications Technology Information Forecasting & Assessment Council (TIFAC)/NMBA (regular) Schedules Forming Part of Income & Expenditure for the Year Ended 31.03.2008

Schedule 21 - Administrative Expenses Etc.

(Amount-Rs.)

	Current Year	Previous Year
A) Repairs and maintenance	169569.00	133206.00
B) Rent, Rates and Taxes	00.00	00.00
C) Car Hire Charges & Conveyance	1477204.00	1070037.00
D) Postage, Telephone and Communication Charges	492443.00	434662.00
E) Printing and Stationary	934093.00	1019180.00
F) Traveling Expenses (Domestics)	3253841.00	3711747.00
G) Expenses on Seminary/Workshops /Others Exp.(D)	7992379.00	7965487.00
H) Meeting Expenses	34907.00	57127.00
I) Expenses on Fees (Tuition fee)	1920.00	00.00
J) Auditors Remuneration	32472.00	12448.00
K) Advertisement and Publicity	375457.00	00.00
L) Others (Specify)		
- Stationery	145246.00	284232.00
- MISC. Office Expenses	322811.00	336366.00
- Periodical & Magazine	4558.00	9522.00
- NID Publication	18384.00	2008.00
- Bank Charges	15217.79	4691.80
M) Maintenance of Vishwakarma Bhavan	00.00	00.00
N) Loss on sale of Fixed Assets	00.00	00.00
O) Legal Charges	00.00	00.00
P) Travel Abroad	3245330.00	3390704.00
Q) International Conference on NMBA	936450.00	726165.00
R) Other Fixed Assets	00.00	00.00
TOTAL	19452281.79	19157582.80



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National Mission on Bamboo Applications
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Schedules Forming Part of Income & Expenditure for the Year Ended 31.03.2008

Schedule 22 - Expenditure on Grants, Subsidies Etc.

(Amount-Rs.)

	Current Year	Previous Year
a) <u>Grants given to Institutions/Organizations</u>		
Project Expenditure Grant (As per Annexure-A)	199469298.00	164372020.00
Project Expenditure Loan (As per Annexure-B)	127826729.00	91349319.00
b) Subsidies given to Institutions/Organizations	0.00	0.00
TOTAL	327296027.00	255721339.00

Note – Name of the Entities, their Activities along with the amount of Grants/Subsidies are to be disclosed.

Schedule 23 - Interest

(Amount-Rs.)

	Current Year	Previous Year
a) On Fixed Loans (Including Bank Charges)	0.00	0.00
b) On Other Loans (including Bank Charges)	0.00	0.00
c) Others (Specify)	0.00	0.00
TOTAL	0.00	0.00

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National Mission on Bamboo Applications Schedules Forming Part of Accounts for the Period Ended 31.03.2008

Schedule - 24

ACCOUNTING POLICIES AND NOTES TO THE ACCOUNTS FOR THE YEAR ENDING 31ST MARCH, 2008

A) ACCOUNTING POLICIES

- 1 The Council has adopted Mercantile System of the Accounting.
- 2 Fixed Assets are shown at cost Less Depreciation.
- 3 Prior period and extra ordinary items and changes in accounting policies having material impact on the financial affairs of the Council are disclosed.
- 4 Depreciation has been calculated as per Income Tax Act, 1961.
- 5 Amounts released under various projects (Grant/repayable technology assistance) are accounted as expenditure for the year in which the same are released, irrespective of the fact that the amounts so released may not have been fully utilized towards the projects during the accounting year.
- 6 The Refund of grant / assistance to NMBA by the beneficiaries, as per condition stated in agreements with them shall be accounted as income on receipt basis.
- 7 Contingent liabilities in respect of on-going Projects / Studies etc. are neither provided nor determined.

B) NOTES TO THE ACCOUNTS

- 1 Stock of Publications and Studies, which are published and printed by the Council and distributed at a cost are not accounted for as Stock in hand at the end of the year.
- 2 Audited financial statements / utilization statements duly certified by Chartered Accountants in respect of grant utilized / released during the year has not yet been received in some cases from the implementing agencies.
- 3 Previous year figures have been regrouped wherever necessary, to make them comparable with current year figures.
- 4 There is no liability for gratuity on death / retirement of employees during the year.

for **Chandiwala Gupta & Associates**
Chartered Accountants

Sd/-
Bharat Bhusshan
(Partner)

Sd/-
Account Officer
NMBA

Sd/-
Registrar
NMBA

Sd/-
Mission Director
NMBA

Date : 7th July, 2008
Place: New Delhi



National Mission on Bamboo Applications Schedules Forming Part of Accounts for the Period Ended 31.03.2008

Schedule 25 - Contingent Liabilities and Notes on Accounts (Illustrative)

1. CONTINGENT LIABILITIES

1.1. Claims against the Entity not acknowledged as debts – Rs. ___NIL___ (Previous year Rs. ___NIL___)

1.2. In respect of

- Bank guarantees given by/on behalf of the Entity – Rs. ___NIL___ (Previous year Rs. ___NIL___)

- Letters of Credit opened by Bank on behalf of the Entity – Rs. ___NIL___ (Previous year Rs. ___NIL___)

- Bills discounted with banks Rs. ___NIL___ (Previous year Rs. ___NIL___)

1.3. Disputed demands in respect of :

Income-tax Rs. ___NIL___ (Previous year Rs. ___NIL___)

Sales-tax Rs. ___NIL___ (Previous year Rs. ___NIL___)

Municipal Taxes Rs. ___NIL___ (Previous year Rs. ___NIL___)

1.4. In respect of claims from parties for non-execution of orders, but contested by the Entity – Rs. ___NIL___ (Previous year Rs. ___NIL___)

2. CAPITAL COMMITMENTS

Estimated value of contracts remaining to be executed on capital account and not provided for (net of advances) Rs. ___NIL___ (Previous year Rs. ___NIL___)

3. LEASE OBLIGATIONS

Future obligations for rentals under finance lease arrangements for plant and machinery amount to Rs. ___NIL___ (Previous year Rs. NIL)

4. CURRENT ASSETS, LOANS AND ADVANCES

In the opinion of the Management, the current assets, loans and advances have a value on realization in the ordinary course of business, equal at least to the aggregate amount shown in the Balance Sheet.

5. TAXATION

In view of there being no taxable income under Income-tax Act 1961, no provision for Income Tax has been considered necessary.

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6. FOREIGN CURRENCY TRANSACTIONS

(Amount-Rs.)

	Current Year	Previous Year
6.1. <u>Value of Imports Calculated on C.I.F. Basis:</u>		
- Purchase of finished Goods	N.A.	N.A.
- Raw Materials & Components (Including in transit)	N.A.	N.A.
- Capital Goods	N.A.	N.A.
- Stores, Spares and Consumables	N.A.	N.A.
6.2. <u>Expenditure in foreign currency:</u>		
a) Travel	N.A.	N.A.
b) Remittances and Interest payment to Financial Institutions/ Banks in Foreign Currency	N.A.	N.A.
Other expenditure:		
- Commission on Sale	N.A.	N.A.
- Legal and Professional Expenses	N.A.	N.A.
- Miscellaneous Expenses	N.A.	N.A.
6.3. <u>Earnings:</u>		
Value of Exports on FO basis	N.A.	N.A.
6.4. Remuneration to auditors:		
As Auditors	20000.00	20000.00
- Taxation matters	0.00	0.00
- For Management services	0.00	0.00
- For certificate	0.00	0.00
- Others	0.00	0.00

7. Corresponding figures for the previous year have been regrouped/rearranged, wherever necessary.

8. Schedules 1 to 25 are annexed to and form an integral part of the Balance Sheet as at 31.03.2008 and the Income and Expenditure Account for the year ended on that date.

for **Chandiwala Gupta & Associates**
Chartered Accountants

Sd/-
Bharat Bhushan
Partner

Sd/-
Account Officer
NMBA

Sd/-
Registrar
NMBA

Sd/-
Mission Director
NMBA

Date : 7th July, 2008
Place: New Delhi



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Annexure - A

National Mission on Bamboo Applications Project Expenditure Grand in Aid (Project) 1st April, 2007 to 31st March, 2008

(Amount-Rs.)

Particulars	Current Year	Previous Year
- 25KW-Establishment of one Gassifire unit at Basistha Complex (Govt. of Assam)	12,11,675.00	0.00
- AAI, :Bamboo Nursery for mass multifications & Consurvetation of bamboo balcooa	0.00	7,37,200.00
- APIL:Estb. of Mfg. unit for T & P bamboo composites & products in Namsai Unit	0.00	15,22,800.00
- Ads: Study on Bamboo Base Small & Medium Enterprises in m.P. and Chhatishgardh	4,43,500.00	0.00
- APFRDA-Itanagar Demonstration of monopodial bamboo plantation & Chinies bamboo in Arunachal Pradesh as 45000 moso seeds/plant by Sfri	80,000.00	2,50,000.00
- APO-Ndls Bamboo fencing Plantation with 56 APO – Anand Parbat, New Delhi	0.00	3,30,932.00
- Aprfda (Sfri): Bamboo plantation in 10ha Demonst- rative Plantation of Moso Bamboo in A.P.	78,794.00	2,75,780.00
- Army Eco-Task Force Project-Plantation 5000 at mow ,Pithora and various place in India.	45,000.00	4,88,782.00
- Bbc, Bhopal: Setting for Round/Split bamboo unit through Hudco at Bhopal	19,125.00	15,17,916.00
- BCP: Bamboo Plantation in Tea Sector, Guwahati	96,000.00	1,60,000.00
- BDO-Ruksin: Establishment of Bamboo Shoot Processing Unit at Tuli with NBDA (new)	6,06,961.00	0.00
- BENU: Est. of Pressure Treatment Equipment for BENU, Katlamara, Tripura (new)	7,89,782.00	0.00
- BENU-Tripura: Est. for Demonstration treatment Eqpt. for Round Bamboo unit	44,159.00	3,69,000.00
- BTC, Kokrajhar: 20 ha plantation with establish ment V.P.C. Nursery at Karigaon	1,00,000.00	6,00,000.00
- Btc,Kokrajhar : Demonstration of 16 pre-fab structure houses for rural cluster area	0.00	72,31,558.00
- CII,G: Bamboo Encompassing & Regulatory frame workshop/study in N.E.	0.00	57,500.00
- CIHCS: AP: Est. of 25 Kwe Gassifire unit at West Kamang Distt. AP	10,16,882.00	8,65,000.00
- CII,G: Study on Country-Wide on Access & R. Framework & Indian Bamboo	18,85,305.00	12,00,000.00
- CIPET; Rehabilitation Programme for Andaman & Nicobar and Portblair for Tsunami project	25,29,805.00	73,292.00
- Cpcpl: Demonstrate Battery, Kline of 5 Kline in Manipur, Nagaland sector	1,62,072.00	6,96,210.00

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(Amount-Rs.)

Particulars	Current Year	Previous Year
- Ctp – Enlistment of Engg. Bamboo Structure under DGS&D With CTP, Bangalore	2,40,000.00	3,20,000.00
- DBAI,G: Est. of Bamboo Stick & Charcoal Imported Machine from Tiwan unit, Tripura	2,56,374.00	0.00
- DC, Jorhat: Commercial Cultivation of bamboo in 4 Rd Block, Jorhat	2,57,000.00	0.00
- DC, L:10 Pre-fab Structure at DSSA, Lohit	10,88,343.00	45,82,528.00
- Design & Development Prototype of Primary Processing Machinery for bamboo application	2,03,097.00	1,04,208.00
- DF, B:Est. of 25 Kwe Gasifire System with Dristi Foundation, Madhubani,Bihar (Ovn Bio Tech)	2,38,000.00	9,89,058.00
- DFO, Assam: Establishment of Vegetative Propagation Nursery at BCKW, Nadi (silviculture)	2,08,000.00	8,00,000.00
- DFO, H.D. BTC, Kokrajhar, 20 ha Plantation at Karigaon, BTC	2,00,000.00	3,50,000.00
- Dc,Lohit: Est. of 35kwe Gassifier unit at Tiny tot , Lohit	0.00	8,65,000.00
- Dc, Manipur : Prefab structure for public utility at Tamang Dc, Office	0.00	23,12,279.00
- Development demonstration of prefab modular toilet material by CTP, Bangalore	0.00	10,59,999.00
- DFO, Namsai: Nodal Bamboo Vegetative Propagation Centre at Namsai	21,000.00	0.00
- DM, Khammam: two Demonstrative Structure at Khammam	1,10,794.00	5,89,476.00
- DSI, Blr: Plantation of Tissue Culture at Dayanand Sagar Institute, Bangalore	12,05,040.00	0.00
- DC, Pas.: Development & demonstration of Eco-Friendly houses at Ruksin Block	0.00	50,33,246.00
- Dc, Pasighat: Rehabilitation of child hospital & maternity centre building	0.00	8,42,210.00
- DD,Sfd,: Development of nursery of vegetated propagation model in Sindhudurg	0.00	3,13,000.00
- EPC: Consultancy fee for Design & Analysis of Engineering Bamboo, Delhi	3,68,000.00	0.00
- EWPL: Est. of bamboo treatment for Round/Split Bamboo Unit, Nagpur	8000.00	13,53,020.00
- ERG, Bangalore :Training / Demonstration program for cluster / Community level processing of Bamboo Shoot in different States	0.00	6,16,546.00
- ERG: Development of Continuous bamboo slat dryer at Bangalore.	0.00	6,17,320.00
- FDA: Bamboo extension enterprises programme in 5 VPC with Beed in Collaboration FDA, Thanjavur	74,077.00	4,77,000.00



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(Amount-Rs.)

Particulars	Current Year	Previous Year
- FRI; Development & Improved Chemical formulati-on & Equipment for efficient treatment of bamboo	2,49,250.00	0.00
- Fda: 1 km stretch bamboo based of costal shelterbelt plantation in Thanjavour.	0.00	32,100.00
- TERI Bambusetums for superior Germ plasma of Bamboos at three location in GWH,HYD, GBPU	3,96,000.00	0.00
- GBPU: Support for Coordinated trials for managed bamboo propagation by G.B Pant university.	5,80,830.00	5,54,490.00
- Bckv- Kalyani:- Setting of Vegetative Centre at Kalyani west Benagal	2,00,000.00	6,00,000.00
- GGFPL: Product Promotion Grant for bamboo shoot at The Bamboo Store,Delhi & others.	1,82,812.00	0.00
- GGPCPL: Supply of Bamboo Shoot Eqpt. To LVFPL & NFPL for Marketing of products.	7,32,951.00	0.00
- GIAN: Development & design of bamboo Lathe Machine in NE-Area	23,000.00	20,000.00
- GON: Est. of 25 Kwe Gasifire equipment at Village Razephema, Nagaland	1,63,000.00	18,54,058.00
- Govt. of Sikkim: Est. of Pressure Treatment Equipment for Horticulture Division Govt. of Sikkim (new)	2,85,500.00	0.00
- Gt:- Import of Machine for stick, silver and Mat for secondary market development.	0.00	4,78,125.00
- Hpc:- Setting of tissue culture Lab facilities centre at Jaggi Road.	0.00	37,50,000.00
- HET: Development and demonstration of structural application involving of const. Method, Design for Housing project , Khammam	1,03,760.00	0.00
- HPC,C (lisc): Implementation charges for 1mwe Thermal Gasifire System at Chach Paper Mill Ltd. , Chachar	1,00,000.00	0.00
- Hq. Army, bamboo plantation throny perimeter fencing in various army sectors in India.	1,88,100.00	54,53,886.00
- High – End structure at the garden of five senses, New Delhi.	0.00	78,497.00
- IHBT-Produce 60000 nos. of plant material of Phyllostachys pubescence of good quality & provenance.	0.00	3,28,000.00
- IIT-Delhi -Development of Bamboo Fiber Production through non-destructive Route.	0.00	40,000.00

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(Amount-Rs.)

Particulars	Current Year	Previous Year
- lit, G: Explore Use Bamboo Flooring Tiles Product-and its products day to day used by lit, Guwahati	0.00	1,02,540.00
- I L&FS: Study on Development & Activity for Bamboo Sector in Tripura	0.00	4,50,000.00
- lhbt- Study on Microbial Intervention for Improving bamboo productivity.	0.00	7,91,600.00
- IISC; Development of one time multi blade cutter for bamboo sector unit	0.00	7,98,640.00
- Ilink: Making of CD on Bamboo Propagation & Cultivation	0.00	2,21,300.00
- IWST: Commercialization for bamboo based thermoplastics unit with IWST	0.00	19,60,000.00
- IWST: Setting up of Vegetative Propagation Centre at Bangalore	0.00	4,80,000.00
- IFGTB: Extension Year of BLT Project at coimbatore	2,76,000.00	0.00
- IHBT: Annotated Bibliography, Mapping, Seedling Raising with lhbt,Palampur	1,51,240.00	10,49,400.00
- IHBT: Bamboo Plantation & Bio Fencing with Indian Army, Ferozpur and Palampur Cant	9,37,500.00	6,74,800.00
- IHBT: Setting Up of Vegetative Propagation Centre at, Pantnagar (H.P.)	1,01,600.00	3,04,800.00
- IISC: Est. of 100 Kwe Demonstrative Gasifier unit at Alonga, Indian Army by lisc,Bangalore	2,40,000.00	27,70,000.00
- IISC: Est. of 35 Kwe Biomass Gasifier unit with Tambc, Manipur	10,14,000.00	10,36,000.00
- IISC: Est. of 90 Kwe Gasifier unit at Malsom Bamboo Pvt. Ltd.,Mizoram	20,82,592.00	0.00
- IISC: Establishment of 25 Kwe Gassifire unit at Forest Complex, Basistha (GWH)	39,080.00	0.00
- IISC: Storability of bamboo through Process to enhance Torrifaction with lisc,Bangaore.	5,70,000.00	3,00,000.00
- IIT, Delhi: Study on Bleaching & Antimicrobial Treatment & applications of dyes on bamboo sticks with Eco-Friendly.	9,00,000.00	0.00
- ILFS: Establishment. of 35 Kwe Gasifier System in Tripura at Katlamara, Bishramganj, Rangamala and Laxmandhepa	52,07,986.00	39,80,000.00
- ILFS: Establishment of Vegetative propagation Centre at Agartala & H/F- Hatipura.	2,10,800.00	9,12,400.00
- ILFS: Bamboo Plantation at Kanakaich, Tripura state	4,51,800.00	6,91,400.00
- Inomy :Development of NMBA Website on the Basis of already developed content structure & design Interface by Inomy Media.	3,93,000.00	3,80,000.00
- IPIRTI: Estb. of Bamboo Mat Unit at Trichy (Tamil Nadu)	1,00,000.00	13,95,000.00



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(Amount-Rs.)

Particulars	Current Year	Previous Year
- IPIRTI: Estb. Of Bamboo Mat Unit by SKMCCCL, Bangalore	10,00,000.00	10,00,000.00
- IWST: 25h Bamboo Plantation, Meet with KMFT & Iwst, Bangalore	5,97,000.00	13,26,000.00
- IWST: Standard packages of Practices for cultivation of Guadua ,Angust, Folia etc.	69,000.00	2,19,600.00
- IWST: Enhancing production capacity for Planting of Stock of Bamboo Infrastructure & quality	3,87,000.00	0.00
- KSBC: Est. of Four Feeder unit with Drying Chamber, Hot Press Unit at Angamalya, Kerla -G	10,41,227.00	0.00
- KFRI: Post Harvost Protection Insect Borers by kfri, Peechi	3,06,544.00	3,06,544.00
- KSBC: Est. of Mechanization of Bamboo Mat Unit, at Angamalya ,Kerla-New	1,51,13,858.00	0.00
- KSBC: Est. of Mechanized Bamboo Mat Unit-Angamalya , Kerla Grant	56,98,948.00	4,11,400.00
- Kbcdd: Functional Test & Market Assesment of bamboo based mango pack.case,by KBCDC, Sindhudurg	0.00	1,14,000.00
- Kitply,Gwh: Test of primary process machine for Bamboo Composite product unit at Marghiritia	0.00	11,02,505.00
- Kpj: Consultant for Kosons Project unit at Amigaon Guwahati	0.00	50,000.00
- Kbcda: Est. of Bamboo machine Treatment facilities round bamboo unit konback	0.00	8,13,040.00
- Kfri: Study Revision of Standard for bamboo Products by KFRI	0.00	60,000.00
- TBS,ND:- Marketing of Bamboo Products at Delhi	6,50,000.00	0.00
- MBDA: Est. of Mfg. Unit of Vaccum Processing, at Mizoram	3,85,000.00	3,85,000.00
- MBPL: Estb. Of 250 kg Briqueting & Gasifier Equipment for MBDA, Mizoram (G)	5,29,481.00	2,00,000.00
- Mcd, Delhi: Bamboo Shelter for M.C. D. Primary School	0.00	3,71,579.00
- Mku: Pulverizing & Briquetting of bamboo dust unit for (50:50)	0.00	10,45,000.00
- Mbpl, Miz: Establishment of bamboo stick making unit at Mizoram (50:50)	0.00	10,00,000.00
- Mbpl: Mfg. Unit for Round, Squade Bamboo bamboo stick & charcoal unit (50:50)	1,11,550.00	10,25,000.00
- MJSI: Est. of Bamboo Stick for Incense Stick making Unit, Aizwal	6,37,295.00	5,98,520.00
- Multilocational Trial of Bamboo Plantation in 10 Sector through GB Pant University	21,93,360.00	32,51,774.00

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(Amount-Rs.)

Particulars	Current Year	Previous Year
- NBDA: Estb. Of 100-kwe Gasifire, Round ,Stick & Slate of Bamboo Blind Unit at NBRC-Dimapur	20,04,928.00	0.00
- NBDA: Est. of Bamboo Charcoal & Activated Carbon Unit with China & Nagaland	5,92,875.00	11,50,000.00
- NbdA: Establishment of Battery Charcoal kilns in 9 briquetting machine by NBDA, Kohima	1,75,000.00	7,68,000.00
- NBDA: Est. of Bamboo Shoot Unit at Tuli through NBDA, Kohima	6,06,961.00	0.00
- NBDA: Setting of two vegetative Propagation centre in Nagaland with NBDA	6,00,000.00	0.00
- NbdA, K-Cfc: Establishment of demonstrative bamboo treatment machine Facilities of round bamboo unit at NBDA & KONBAC.	5,89,714.00	25,00,000.00
- Nle: Development of prototype & testing of bamboo Dust palletize by NLE, Kolkatta, supply to S.P. Fabricator & Deva Bamboo Allied Ind.	0.00	3,51,045.00
- Pmctw: Quality plant Material Establishment of demonstrative plantation with PMCTW	0.00	1,95,000.00
- Procurement of material for prefabricated shelter of flattened bamboo for various sector as demonstration of NMBA Products	4,44,98,442.00	2,30,29,325.00
- Prefabricated structure for High altitude area in Leh & Kargil sector	2,37,92,193.00	3,75,68,548.00
- Procurement of material for Prefab Shelter-500 at Dantewada (Chhattisgarh Unit)	6,04,81,026.00	0.00
- Prefab structure for demonstration in Srilanka & Indonesia with INBAR – China	2,15,760.00	1,47,815.00
- PU: Study on Taxonomically useful Vegetative Character of Indian bamboo	2,41,000.00	0.00
- PCCI,N:- Est. of bamboo charcoal & brequiting machine at Najibabad	0.00	4,50,000.00
- Rehabilitation of Earthquake Vicitims at J&K bamboo structure	0.00	16,41,398.00
- RBSF, DFO:- one unit of charcoal & Kilen at Nongpoh, Meghalya	7,50,000.00	0.00
- SFRI, Setting of two Bamboo VPC Centre at Chessa and Itanagar.	6,00,000.00	0.00
- SN, Kolhapur :- Vegetative propagation nursery centre for D-Stocksil at Kolhapur	0.00	10,08,000.00
- STAD: Ready Reckoner 2005-Structural for Bamboo Application.	26,000.00	0.00
- St Xavior,Tripura: Est. of Stick & Charcoal making unit at Bishramganj-Grant (50:50)	1,95,000.00	8,30,000.00



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(Amount-Rs.)

Particulars	Current Year	Previous Year
- SBI, Namsai-G: Mfg. Unit of Flattened Bamboo Board at Namsai by Suta	1,450.00	5,33,550.00
- Sfri- Bamboo plantation at Arundinaria & Maling (Itanagar)	0.00	5,23,020.00
- SIIR:- Estb. of two pilot plant for bamboo based hygienic products for Konbac & Nbd	0.00	34,30,000.00
- Sxd/Rgf:- Market Linkages skill development of bamboo mat weaving training at Bhopal	0.00	1,03,700.00
- Siir: Utilizing of Bamboo fibre for exploring the facility of Non Woven Application	0.00	1,25,000.00
- Product promoting scheme of bamboo composite and wood substitute	6,25,362.00	6,86,347.00
- Supply of tissue culture plants B/Balcooa, B/Nut etc. through various Institution	6,09,415.00	1,57,050.00
- Tau: Evaluating Neutraceutical Composition, Madurai R & D centre	3,02,000.00	3,02,000.00
- TBI, Tezu- Est. of Feeder Unit of Flattened Bamboo slats unit -Grant	7,75,693.00	0.00
- TBM: Setting of Vaccume processing Bamboo Shoot unit by TFDPC, Baishnopur, Tripura	8,29,859.00	0.00
- TBM: Est. for Agarbati Masala Processing unit at Nutan Nagar, Tripura	4,45,000.00	0.00
- TBM: Industry Linked Skill programme for incense Stick at Tripura.	4,00,000.00	0.00
- TERI Bamboo Plantation with soil Enrichment & Amendments using fly ash & Mycorrhizal in Koobra (Chattisgarh)	2,24,061.00	0.00
- TERI Sehor (MP) Tech. Package for Bamboo Plantation with soil enrichment using fly ash & Mycorrhizal bio	8,60,200.00	4,48,122.00
- Teri Prepration of a manual on tissue culture.	0.00	4,21,572.00
- Testing Charges of bamboo products	0.00	60,000.00
- Testing Charges of bamboo products	66,050.00	89,467.00
- Teri: Bamboo Plantation Through I.S.P. In Rajasthan	0.00	6,68,160.00
- Tsunami Relief Programme -Setup Sample House for Tsunami victims in costal area – Chennai	0.00	12,92,814.00
- Uravu: Life of Bamboo structural Application as farm of banana Props.	0.00	7,77,400.00
- UBFDB-Demonstration of Bamboo Plantation based technology for soil reclamation community Level Cultivation.	5,06,160.00	5,62,400.00

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(Amount-Rs.)

Particulars	Current Year	Previous Year
- VP, Ch.: Demonstration of Structure application for HP Tourism at Kangra (Palampur)	2,67,300.00	7,56,400.00
- Vkrss: Prosthetic application for development of bamboo furniture & substitute at Allahabad	0.00	1,72,029.00
- Wm: Design & Development of Prototype as secondary processing Machine to Embee Forest	0.00	5,59,000.00
- Zbi: Est. of Flattened bamboo board unit at Namsai	0.00	6,97,000.00
TOTAL	19,94,69,298.00	16,43,72,020.00



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Annexure-B

National Mission on Bamboo Applications Project Expenditure (Project Loan) 1st April, 2007 to 31st March, 2008

(Amount-Rs.)

Particulars	Current Year	Previous Year
- Abc, Kol. Estb. of Juit fiber Composite & roofing sheet unit at west Bengal	0.00	1,25,00,000.00
- BBCCPL: Making of Handicraft & Furniture product at karimganj in Silchar	0.00	8,50,000.00
- BAFPPPL: Est. of Bamboo Round Stick & Charcoal making unit at Nagachera , Agartala	40,00,000.00	0.00
- Bbc, Bhopal:- Estb. of Mfg. unit of Round/Split bamboo unit at Bhopal	0.00	7,95,000.00
- Ceeke: Mfg. Unit of Bamboo Mat Ply and Board at Thingdawal, Kolasib Mizoram	1,10,42,347.00	0.00
- CRB: Mfg. Unit of Stick making at Nagaon by craftique Ind.	8,10,250.00	0.00
- CRB: Est. of Stick Making Unit at Ramhlun, Aizwal by CR Bamtech	8,75,500.00	0.00
- DMWPI: Est. of Adv. Mfg. Machine . Unit of Primary Process Machine at Kolkatta	50,00,000.00	0.00
- EWPL: Mfg. Unit of Round/Split Bamboo unit at Nagpur	6,75,000.00	0.00
- GRTPBPL: Est. of Bamboo Mat Unit at Kolasib by Grace RTP, Mizoram	1,66,22,685.00	0.00
- GT,D: Up gradation of workshop with machine ,tools and Instruments with cutter etc.	0.00	11,80,000.00
- HBI: Mfg. Unit of Flattened Bamboo Slat at Zero, by Himalyan Agro, A.P.	19,53,836.00	0.00
- HPC-L: Est. of 1 mwe Gasifire Electric System at Chachar Paper Mill & Nagon Paper mills (two unit)	1,75,00,000.00	0.00
- Hpc:- Setting of tissue culture Lab facilities centre at Jaggi Road.	0.00	37,50,000.00
- KSBC: Mfg. unit of bamboo mat at Angamaly – Kerla	18,50,206.00	0.00
- KSPPL: Est. of Bamboo Fiber-Thermoplastic unit at Mangalore	2,88,16,000.00	0.00
- Kfppl: Establishment of a bamboo flooring & composites manufacture unit at Guwahati	0.00	22,26,851.00
- LVFPPL: Expansion Activity of Food Process. Machine for bamboo shoot at Jorhat	9,70,000.00	9,70,000.00
- Mku: Pulverizing & Briquetting of bamboo dust unit for Maa Kamakhya Udyog	0.00	3,55,528.00
- MBPL: Establishment of bamboo Stick making Unit at Baira ,Aizwal (Malsom)	0.00	10,00,000.00
- MBPPL: L- Est. of Round & Square Stick bamboo & Charcoal unit at Barapani, Marboo	1,74,310.00	8,50,690.00
- MCBW: Est. of Stick Making Unit at Keinour-Manipur	11,75,000.00	0.00
- MPPI: Mfg. Unit Bamboo Flooring & Panel Board at Gwh by Massing Prodct.	22,50,000.00	2,50,00,000.00
- NEBISW: Est. of Stick & Charcoal making Unit at Kharbam-Imphal	14,85,000.00	0.00

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(Amount-Rs.)

Particulars	Current Year	Previous Year
- PBPL, Lohit: Est. of Mfg. Unit of Bamboo ply at Alubari by Patkai	34,00,368.00	35,00,000.00
- PKBI: Est. of Stick Making Unit at Saiphai, Aizwal	12,40,000.00	0.00
- PSGGI: Est. Round Bamboo Stock Unit at Dharma Nagar, Tripura	9,50,000.00	0.00
- PCCI,N:- Est. of bamboo charcoal & briq-ueting machine at Najibabad	0.00	4,50,000.00
- RBI: Est. of Bamboo Blind unit at Epip Gaon, Guwahati	65,12,247.00	0.00
- RBI, Aizwal: Est. of bamboo Stick making unit at Sairang , Aizwal	8,29,690.00	0.00
- RITY: Est. of Vaccume Packing of Bamboo Shoots processing at Guwahati	3,50,000.00	0.00
- SAPL, Tins: Est. of Bamboo Stick/Round & Tooth Pick unit at Tinsukia Swaranga	12,00,000.00	35,00,000.00
- SBI, Namsai-L: Mfg. Unit of Flattened Bamboo Board at Namsai by Suta	5,35,000.00	0.00
- SBPPL, Tuli: Est. of Stick & Slat Unit at Tuli, Nagaland	15,27,311.00	0.00
- SDSGS: Mfg. Unit of stick Agarbati at Uttara Kannada -Mangalore	35,00,000.00	0.00
- SGI , Kankawali: Est. of Acrylic Bamboo Mat Sheet unit at Kudal	9,50,000.00	54,00,000.00
- SMW,B: Mfg. unit of bamboo based composites for Interior as Railway, Buses & Transport Industry.	43,00,000.00	50,00,000.00
- St. Xavior: Est. of Stick & Charcoal making Unit at Bisramganj-Loan (50:50)	10,25,000.00	0.00
- SN,Kolhapur :- Vegetative propagation nursery centre for D-Stocksil at Kolhapur	10,08,000.00	0.00
- SVMBPL: Bamboo Mat Corrugated Sheet at Mahuda (Orissa)	17,13,000.00	52,87,000.00
- TBI, Tezu-Est. of Feeder Unit of Flattened Bamboo slats unit –Grant	6,21,459.00	0.00
- Vbpl: Bamboo Blind Manufacturing Unit of Power Looms project	0.00	8,00,000.00
- WMIPL: Estb. Of prototyping , testing & Commercialization of bamboo processing machine at LDH.	9,60,000.00	99,00,000.00
- ZOCBPL: Estb. of bamboo Stick making Unit at Bairabi ,Aizwal by zoo craft	20,04,520.00	19,29,250.00
- Zbi: Est. of Flattened bamboo board unit at Namsai	0.00	6,97,000.00
- Zmppl :- Est. of Mfg. unit of Bamboo Ply Industries by Zonam mat ply at Mizoram	0.00	54,08,000.00
Total	12,78,26,729.00	9,13,49,319.00



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National Mission on Bamboo Applications
Technology Information Forecasting & Assessment Council
Receipts & Payments for the Period the Year Ended 31.3.2008

Receipts

Particulars	Current Year Amount (Rs.)	Previous Year (Amount (Rs.))
I) <u>Opening Balances</u>		
a) Cash in hand	17711.00	9066.00
b) Bank Balances		
i) In current accounts	00.00	00.00
ii) In Deposit accounts	00.00	4000000.00
iii) Savings accounts	106179737.00	33461347.60
II) <u>Grants Received</u>		
a) From Government of India- Plan (NMBA)	200000000.00	300000000.00
b) From Government-Non Plan	00.00	00.00
c) From State Government	00.00	00.00
III) <u>Income From Investments</u>		
a) Earmarked/Endow. Funds	00.00	00.00
b) Own fund	00.00	00.00
IV) <u>Interest Received</u>		
a) On Bank Deposits (NMBA)(Schedule-17)		
Less: Receivable on deposit - Rs.0.00	00.00	2174930.70
- Security Deposit : Romi sukhija	19000.00	00.00
b) Loans Advances etc. (Staff advances)	00.00	00.00
c) Interest earned from S/B A/C (schedule-17)	3222230.00	639643.00
V) <u>Other Income (specify) Schedule – 18)</u>		
- Refund Unspent balance SDC,Bangalore (S-18)	187894.00	00.00
- Refund from – SE, Hyderabad	00.00	225000.00
- Refund from - CIPET, Chennai	00.00	280000.00
- Income from Sale of NMBA Publication (S- 16)	495962.00	587602.00
- Sale of Plantations	97500.00	270000.00
- Charges for Computer Provided at Residence	00.00	6000.00
- Other Receipts (License Fee)	5880.00	6370.00
- Tour advance : Sh. Ajay Kumar	5000.00	00.00
- Tour advance : Sh. Arvind Malhotra	203655.00	00.00
VI <u>Amount Borrowed</u>	0.00	0.00

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Particulars	Current Year Amount (Rs.)	Previous Year (Amount (Rs.))
VII Other Receipts (Give Details)		
Contribution / subsidies for demonstration of Structure	00.00	8842734.00
Prefab Contrib. 56 Engg. Regt., Sagar, Hyderabad	21000000.00	00.00
- Prefab Contrib. Rajiv Gandhi Siksha Mission, Chhg.	110781520.00	00.00
- Other Receipts –(Partner Contribution prefab shelters)	18881539.00	259177.00
VIII Project Refund :-		
NFPL- Refund of 1800 tPA Bamboo Shoot Project	250000.00	250000.00
Refund - SPF Silver Making Unit at Bongaigaon	20000.00	350000.00
Refund - Deva Silver & Furniture Unit at Imphal	00.00	68750.00
Refund : Basera Building Centre, Bhopal	79500.00	00.00
Refund : Kosons Forest Products Pvt. Ltd., Guwahati	40000.00	00.00
Refund : Prince Carbon Ind., Najibabad	150000.00	00.00
Refund : Erore Way Pvt. Ltd., Nagpur	67500.00	00.00
Refund : SMWPL, Bangalore	1848000.00	00.00
Refund : Suta Bamboo Ind., Namsai	53500.00	00.00
Refund : SVM Expension-EF Bamboo Ply Unit	223900.00	00.00
Refund : GT, Dewas Mach. Instrument for better Qty	680000.00	00.00
Refund: HPC, Nagon Paper Mills Ltd. B/ Dust Gassifire	3500000.00	00.00
Refund : Wmipi, Ludhiana for Adv. Machine Mfg. unit	2205600.00	00.00
Refund: Zbi Bamboo Processing Flattened bamboo Unit at Namsai	139400.00	00.00
Refund : Vedha Machanised process unit at Nagpur	205700.00	00.00
TOTAL	470560728.00	387430620.30



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Payments For Expenses

Particulars		Current Year Amount (Rs.)	Previous Year (Amount (Rs.))
1) Expenses			
a) Establishment Expenses (Corresponding to Schedule 20)	Rs. 5677845.00		
Add : Opening Exp. Payable	Rs. 450022.00		
Less Expenses Payable	Rs. 283246.00	5844621.00	5437932.00
b) Administrative Expenses (Corresponding to Schedule – 21)	Rs. 19452281.79		
Add:Opening Exp.Payable	Rs. 10000.00		
Add : Loss on sale of Fixed Assets	Rs. 00.00		
Less : Expenses Payables	Rs. 00.00		
Less : Loss on sale of Fixed Assets	Rs. 00.00		
(Previous year figure does not include obsolescence expenses in it.)		19462281.79	19239330.80
c) Expenditure on Grants, Subsidies etc. (As per Schedule 22)		327296027.00	255721339.00
2) Addition in fixed Assets			
Office Equipment		1850.00	26590.00
Furniture		00.00	2000.00
Library Book		14578.00	25748.00
Computers and Peripherals		161479.00	174724.00
Interior Work of NMBA/TIFAC Building(2nd')		00.00	768767.00
3) Other Payments (Specify)			
- Security Deposits: Mrs. Romi Sukhija		00.00	4000.00
- Security Deposit : Sh. Harish C. Gaur		00.00	2000.00
- Tour Advance: Sh. Arvind Malhotra		00.00	105208.00
- Tour Advance: Sh. Aseem Narain		1500.00	00.00
- Tour Advance : Sh. Ajay Kumar		00.00	5000.00
- Tour Advance : Sh. Sudhir Pandey		00.00	8000.00
- Lease Accommodation Receivable		490.00	00.00
- Refund - SPF Silver Making Unit at Bongaigaon(Ch. Retd.)		350000.00	00.00

Annual Report - वार्षिक रिपोर्ट 2007-08

Payments For Expenses

Particulars	Current Year Amount (Rs.)	Previous Year (Amount (Rs.))
4) Closing Balance		
Cash in Hand	0.00	17711.00
Cash at Bank	117410619.21	106162455.00
Cash at Bank	17282.00	17282.00
Short Term Deposits	00.00	00.00
Total	470560728.00	387718086.80

for **Chandiwala Gupta & Associates**
Chartered Accountants

Sd/-
(Bharat Bhushan)
(Partner)

Sd/-
Account officer
NMBA

Sd/-
Registrar
NMBA

Sd/-
Adviser /Mission Director
NMBA

Date : 7th July, 2008

Place : New Delhi



Technology Information, Forecasting & Assessment Council
प्रौद्योगिकी सूचना, पूर्वानुमान एवं मूल्यांकन परिषद्

Auditor's Report

The Trustees,
TIFAC C.P. Fund Trust,
New Delhi-110016.

We have audited the attached Statement of Affairs of TIFAC C.P. Fund Trust as on 31st March 2008 with the books of accounts, maintained at New Delhi. The compliance of the provision of Provident Fund and Miscellaneous Provision Account has also been examined.

On the basis of such examination of the books of accounts, we state that subject to comments given as per notes on account as per point no. 1

1. The Statement of Affairs dealt with by this report are in agreement with the books of accounts of the Trust.
2. In our opinion and to the best of our information and according to explanation given to us, the said accounts give a true and fair view.
 - a) In the case of Statement of Affairs, the state of the affairs of the Trust as at 31st March 2008.

For Chandiwala Gupta & Associates
Chartered Accountants

Sd/-
Bharat Bhushan
(Partners)

Date : 07.07.2008
Place : New Delhi

Annual Report - वार्षिक रिपोर्ट 2007-08

Contributory Provident Fund-TIFAC Trial Balance as on 31st March, 2008

(Amount-Rs.)

S.No.	Particulars	Debit Amount	Credit Amount
1	Employees Subscription A/c		13657667.84
2	Employer's Contribution A/c		6539442.00
3	Interest A/c		10673065.70
4	CPF ADV: Shri Anil Kumar Rai	39615.00	
5	CPF ADV: Ms. Sreedevi N.	15000.00	
6	CPF ADV: Ms. Mala Sarpal	160700.00	
7	CPF ADV: Shri Mahipal Singh Rawat	10440.00	
8	CPF ADV: Dr. Gautam Goswami	7842.00	
9	CPF ADV: Dr. T. Chakradhar	97222.00	
10	CPF ADV: Shri Ravi Dutt	23000.00	
11	CPF ADV: Shri Samson George	16000.00	
12	CPF ADV: Dr. P.k. Anil Kumar	2000.00	
13	CPF ADV: Shri Shambhu Kumar	36000.00	
14	CPF ADV: Ms. Jyoti Saklani	5350.00	
15	CPF ADV: Ms. Anita Nair	8320.00	
16	CPF ADV: Shri Surender Prasad	14320.00	
17	CPF ADV: Shri Suresh Somanchi	740.00	
18	CPF ADV: Dr. S.k. Goel	6257.00	
19	CPF ADV: Shri Arbind Kumar Singh	34600.00	
20	CPF ADV: Shri Deepak Bhatnagar	18000.00	
21	CPF ADV: Shri S.basu	21500.00	
22	CPF ADV: Shri Kamal Singh	18000.00	
23	CPF ADV: Shri T. Chandrasekhar	168800.00	
24	CPF ADV: Shri Ranbir Singh	88800.00	
25	CPF ADV: Ms. Poonam Nagpal	18800.00	
26	Flexi Deposit-UBI	17736996.00	
27	Short Term Deposit (UBI)	11221738.00	
28	Special Deposit (RBI) A/c	520330.00	
29	Cash At Bank	579805.54	
Total		30870175.54	30870175.54

For CHANDIWALA GUPTA & ASSOCIATES
Chartered Accountants

Sd/-
Bharat Bhushan
Partner

Date : 07.07.2008
Place : New Delhi



Technology Information, Forecasting & Assessment Council
प्रौद्योगिकी सूचना, पूर्वानुमान एवं मूल्यांकन परिषद्

Contributory Provident Fund-TIFAC Statement of Affairs as on 31st March, 2008

(Amount-Rs.)

Previous Year as 31.03.2007	Particulars	Current Year As on 31.03.2008
	Interest Accrued	
6899137.70	Last Balance	7604509.70
713413.00	Add: Received during the year Accrued during the year	3100723.00
7612550.70		19163797.00
8041.00	Less: Paid during the year	10705232.70 32167.00
7604509.70		10673065.70
	Employees Contribution	
10233645.8	Last Balance	11825592.84
3432678.00	Add: Received during the year	3592971.00
1840731.00	Less: Paid during the year	1760896.00
11825592.84		13657667.84
	TIFAC Contribution	
4991958.00	Last Balance	4925277.00
0.00	Add: Received during the year	1843755.00
66681.00	Less: Paid during the year	229590.00
4925277.00		6539442.00
24355379.54	Total	30870175.54

Annual Report - वार्षिक रिपोर्ट 2007-08

Contributory Provident Fund-TIFAC Statement of Affairs as on 31st March, 2008

(Amount-Rs.)

Previous Year as 31.03.2007	Particulars	Current Year As on 31.03.2008
4166542.54	Balance with UBI	579805.54
	Deposits	
520330.00	Special deposite with RBI	520330.00
19163797.00	Short Term deposit with UBI	11221738.00
0.00	Flexi Deposit- UBI	17736996.00
	Loan/ Advances to staff members	
45515.00	Shri Anil Kumar Rai	39615.00
17270.00	Shri Arghya Sardar	0.00
112200.00	Ms. Mala Sarpal	160700.00
45000.00	Ms. Sreedevi N.	15000.00
18000.00	Mrs. Sangeeta Talwar	0.00
0.00	Sh. T. Chandrasekhar	168800.00
16960.00	Sh. Suresh Somanchi	740.00
0.00	Ms. Poonam Nagpal	18800.00
0.00	Sh. Shambhu Kumar	36000.00
9000.00	Ms. Mini K.K.	0.00
0.00	Sh. Deepak Bhatnagar	18000.00
0.00	Sh. Arbind Kumar Singh	34600.00
23160.00	Sh. Mahipal Singh Rawat	10440.00
19842.00	Dr. Gautam Goswami	7842.00
80.00	Dr. T. Chakradhar	97222.00
700.00	Mrs. Mercy James	0.00
0.00	Sh. Ravi Dutt	23000.00
49600.00	Sh. Samson George	16000.00
4800.00	Sh. A. Parida	0.00
1500.00	Dr. P. K. Anil Kumar	2000.00
18000.00	Sh. T. Adarsh	0.00
15550.00	Ms. Jyoti Saklani	5350.00
7200.00	Ms. Geeta Nair	0.00
21040.00	Ms. Anita Nair	8320.00
36040.00	Sh. Surender Prasad	14320.00
31253.00	Dr. S.K. Goel	6257.00
0.00	Sh. Kamal Singh	18000.00
0.00	Sh.S.Basu	21500.00
0.00	Sh. Ranbir Singh	88800.00
12000.00	Sh. Rajan Sharma	0.00
24355379.54	Total	30870175.54

For CHANDIWALA GUPTA & ASSOCIATES
Chartered Accountants

Sd/-
Bharat Bhushan
(Partner)

Sd/-
Chairman

Sd/-
Trustee

Date : 07.07.2008
Place : New Delhi



**TECHNOLOGY INFORMATION,
FORECASTING & ASSESSMENT COUNCIL (TIFAC)**

(Department of Science and Technology)
A-Wing Vishwakarma Bhawan, Shaheed Jeet Singh Marg,
New Delhi-110016 (India)

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