

- Awareness Programme on Radio Isotopes & its applications in Industry

- Training on Modeling Hydrological System

iii) **Technology Demonstration & Transfer**

- Solar Passive Building Technology
- Stabilised Mud Blocks
- Pottery Modernisation
- Ceramic Membrane based Iron Removal Plant
- Pedal Operated Rice Mill
- Tricycle Paddy Thresher
- Community Pond based Drinking Water System through BARC Technology

iv) **Brain Storming Programme**

- Brain Storming on Challenges on Water

v) **Research & Development**

- Dry Fish Fermentation Technology
- Pisciculture & Allied Activities for Socio Economic Development
- Landslide Hazard Zonation & Geotechnical Investigations
- Science Aquarium
- Flood Hazard Zonation
- Wasteland Development
- Evaluation of Water Purification System (Phase I)

vi) **Data base creation**

- Encyclopedia of Medicinal Plants of Manipur
- Fishing Crafts & Gears of Manipur

vii) **Entrepreneurship/ Skill Development**

- Training of Entrepreneurs on Footwear & Garments
- Workshop cum Exhibition of Innovative Design Products
- Mushroom cultivation
- Quail farming
- Natural Dyes
- Entrepreneurship Development in Food Processing & Preservation

viii) **Intellectual Property Rights**

- Patent Information Center (PIC)
- Intellectual Property Facilitation Center (IPFC)
- IPR searches
- Guidance for registration of different IPRs

ix) **Dr. Ibeyaima Innovation Award (Biennial event)**

- Awardee 2014 - H. Manihar Sharma Product "Solar Silk Reeling Cum Spinning Machine"
- Awardee 2016 – M. Deven Singh Product "Meital Leirang"

x) **State Science Communication Award (Annual event)**

- Awardee 2015 – Th. Uthan Singh
- Awardees 2016 – Prof. M. Rajmuhon & Dr. H. Birkumar Singh
- Awardee 2017 – Dr. Ch. Indira Devi

xi) **Information Dissemination**

- The activities of the Council from time to time including annual reports are uploaded for access by interested public to its Website: www.mastec.nic.in

xii) **DAE Technologies Display & Dissemination Facility Centre**

- Soil Organic Carbon Detection Kit (SOCDK)
- Foldable Solar Dryer (FSD) (25 Kg capacity)
- Vibro Thermal Disinfector (VTD) (5 Kg/hr capacity)
- On-line Domestic Water Purifier based on ultra filtration polysulfone membrane (DWP)
- Fluoride Detection Kit for Ground Water (FDK)
- Banana Tissue Culture Lab.

For Details:

Manipur Science & Technology Council

Science & Technology Complex, Takyelpat, Imphal – 795001

Telefax: 0385 - 2460037, Phone: 0385 - 2443451

E-mail: mastec@nic.in; Website : mastec.nic.in



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Science & Technology Complex, Takyelpat, Imphal – 795001



BULLETIN

Website: mastec.nic.in E-mail: mastec@nic.in

About Us

The Manipur Science & Technology Council (MASTEC) got registered as an autonomous organisation of the Department of Science & Technology, Government of Manipur in January 1996 under the Manipur Societies Registration Act, 1989.

The autonomous Council is served by its own Secretariat man powers supported by the Department of Science and Technology (DST), Government of India. The Council Secretariat operates with the grants received from DST, Government of India, DST, Government of Manipur and the funds received from various agencies through projects and programmes. The Council works in co-ordination with the State Department of S&T in various areas of activities.

The Chief Minister, Manipur is the Chairman of the Governing Body of the Council. The Minister in charge, S&T, Manipur worked as the Vice Chairman of the Governing Body and heads the Executive Committee as its Chairman. The Secretary/ Commissioner (S&T), Government of Manipur is the Member Secretary of the Council and acts as the Chief Executive of the Council.

Vision

MASTEC to work for S&T intervention providing solutions to local relevance, S&T awareness to all sections of the society in Manipur State.

Objectives

- To identify areas in which Science, Technology and Environment can be utilised for the achievement of the Socio-economic objectives of the State and in particular, tackling the problems of backwardness and underprivileged sections of Society;

- To advise on policies and measures necessary to promote Science, Technology and Environment for achievement of socio-economic objectives;
- To initiate, support, promote and co-ordinate Research Design and Development projects and programmes, including demonstration projects which are likely to be relevant to the problems, surveys and optimum utilisation of natural resources of the State;
- To promote and undertake activities for the popularisation of Science and Technology and the spread of a Scientific Temper and attitude among the people of the State;
- To supplement and complement the ongoing technical efforts of the State Government;
- To interact with other State, National and International S & T bodies having similar or related objectives;
- To identify priority areas of Science & Technology for long term development of the State;
- To utilise Remote Sensing Techniques for planning and implementation of programmes with S&T inputs and to promote and support the activities of the Remote Sensing Centre;
- To promote, support and undertake the application of renewable sources of energy for the benefit of the people;
- To accept donations and receive grants, and subsidies from Government of India, Government of Manipur and other supportive agencies and to invest the resources towards the achievement of the objectives of the Council.

National Awardee

1. Th. Surendranath Singh, Director
(a) National Invention Award -1999.

Activities

i) Science Popularisation

- National Science Day
- National Technology Day
- National Mathematics Day
- Science Meet
- Nature Camp
- Science Motivational programmes
- Millennium Science lecture
- Year of Physics
- Year of Chemistry
- Year of Scientific Awareness
- Transit of Venus
- World Intellectual Property Day
- Eco Water literacy campaign
- Total Solar Eclipse
- Science for Sanitation Month
- Aquarium & Flower Exhibition
- Orientation Programme for Science Teachers

ii) Human Resource Development

- Teachers' Science Congress
- Teachers Olympiad Exposure Camps at Homi Bhabha Center
- Teachers & Students Summer Training at Bose Institute, Darjeeling Campus
- Teachers Training on Science Communication/ Journalism
- Teachers Training on Hands on Experiments
- Teachers Training on Model Rocketry
- Teachers Training on Disaster preparedness
- Teachers Training on Understanding Weather & Climate
- Teachers Training on Origami
- Teachers Training on Chemistry Experiments
- ISRO Outreach Programme on Remote Sensing, GIS, & GPS