

DR BHAYANA MAHESH MOTWANI (M.Sc., Ph.D., DISM)

Smt CHM College, Opp Railway Station, Ulhasnagar- 421003

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EDUCATIONAL QUALIFICATIONS

- Holds a **Ph.D** in Botany; Thesis titled '**Leaf and anatomical studies "in genus Ficus L'**
- M.Sc. with specialization in Ecology from **Institute of Science**, Mumbai University.
- **B.Sc.** with **Honors** in **Botany** from Mumbai University

OTHER QUALIFICATIONS

- Completed **DISM** in grade of Credit from **APTECH**, MULUND
- Completed **Elementaire de French** from **Alliance de Franchise**

CURRENT JOB

- Employed as a **Lecturer** since 20.6.1978 in the Department of Botany, Smt CHM College, Ulhasnagar. In 1992 became Reader.
- Teaching **undergraduates** for last **32 years** and **postgraduates** for the last **24 years**.
- Appointed as **Head of Botany Department** in Nov 2009.

ACADEMIC/CO-CURRICULAR ACTIVITIES

| | TOPIC | ORGANISER/INSTITUTE |
|--------------------------------------|--|---|
| Orientation | Life Science Bio-Statistics | K.C. College |
| | Programme in Botany for F.Y.B.Sc. | BOS in Botany/Kelkar College |
| | Horticulture (Applied Component) for T.Y.B.Sc. | BOS in Botany/Ruia College |
| Refresher Courses | Plant Biotechnology and Plant Physiology | Institute of Science |
| | Biological Science | UGC /Kalina Vidyanagari |
| Workshops | T.Y.B.Sc. Botany syllabus | Bombay Biological Association/ St. Xaviers College. |
| | Horticulture | Ruparel College. |
| | Horticulture | Brihanmumbai Mahanagar Palika/Victoria Garden |
| | NAAC | J.S.M. Arts, Commerce Science College, Shivle |
| | Quality Enhancement measure in Higher Education” | MMK College, |
| Conferences | Plant Biotechnology | Jai Hind College |
| | Post-Accreditation Best Practices in Higher Education | NAAC K. J. Somaiya College. |
| | Academic Decentralization through autonomy | Kelkar College |
| Conducted workshops/ lectures | Course on Mushroom Cultivation | CHM College |
| | Social Forestry | NES College |
| | S.Y.B.Sc syllabus workshop | CHM College |
| | Lecture on Molecular aspect of cancer cell by Dr B.R.Das, Director of SRL, Ranbaxy Pvt Ltd | Ruparel College |

RESEARCH ACTIVITIES

- Regularly publish articles in **Horticulture World** (Plantman's Directory).
- Presented paper at **State Level Seminar** on 'Quality in higher Education' organized by **SBES College of Science** Aurgangabad (2001)
- Was awarded **Minor Research** project by UGC in 2004.
- Paper published in **Indian Journal of Nutrition and Dietetics** in 2008.
"Nutritive Analysis of Leaves, Pods, Seeds and Physiochemical Properties of Starch in Tubers of **Vigna Capensis, Walp**"
- Paper published in **BioNanoFrontiers** in 2009; "Screening of **Achranthles aspera, Acorus calamus, Ceasalpinia cristata** for Diuretic activity".

COLLEGE ACTIVITIES

- Has been part of various important committees since 1978. These include:
 - As Chairperson of **Science Association**
 - As **Website Coordinator**
 - As **Core committee** member for **NAAC**
 - As **Chairperson** of **PTA, IQAC**
 - In **UGC X** five year plan
- Was also an active member in the following groups:
 - Worked for **Women Grievance Cell**
 - Worked for **Blood Donation Camp** organized in collaboration with **Raj Bhavan**.
 - Organized **Anti-Dowry** programme.
 - Worked for development of Smt CHM College garden and **Green House Project**

EXTRA CURRICULAR ACTIVITY

- **First Lady Of Rotary Club** (1998-99)
- Member of **Mumbai Botany Chapter**.
- Member of **All India Association for Education & Research**, Maharashtra Chapter.
- Member of **International Institute Sustainable Future** founded by eminent environmentalist

Dr Rashmi Mayur.

- **A registered world citizen**
- Has done **Leadership Programme** forum.
 - Sumances trainer at Andheri
 - Landmark Forum- Mr Ferdie D'Souza
 - Landmark Advance Course-Mr Gopal Rao
- Has **judged** various projects at **Inter school** and **Inter Collegiate** level
- Served as a member for **International Service Organiser** for Inner Wheel Club (1990)
- Actively working for **Sadhu Vaswani Mission**
- Actively working for **Sindhi Community** attached to Mulund Sindhi Sabga
- Currently working for **environmental issues**, On advisory board of **Rotary Clubs** District 3140 for **Global warming avenue**

SPIRITUAL FRONT

- Attached to **Gurudev Siddha Peeth** (GSP) which was established in 1956 by Swami Muktananda, Ganeshpuri
- Done **Human Resources Seva**, which deals with **HUMANS**, a utility having maximum

potential, including training to boost the skills and hidden potentials.

- Was responsible for deciding as a part of Committee and **Communicating GSP management's** decision to devotees desirous of staying at GSP. I do emcee (master of ceremony) at a center for ashram programmes.
- Compiled a book on "**Auspicious Plants with folklore**" Volume I. Various Puranas e.g. Agni, Matsya, Vayu etc. were referred for the same.
- Presented paper on "**Spiritual Trees**" in Ashram for one hour to **International Community**.