

Dr. Maheswari K



**Head-Mathematics,
Kumaraguru College of Technology, Coimbatore.**

An **astute professional** with over **16 years** of experience in the field of **teaching** (Mathematics). She has **exemplary skills** in triggering the critical thinking and analysis among the students. **She has been elected as the Head of the Mathematics Department.** She is a life member of Indian Mathematical Society, Ramanujan Mathematical Society, IEEE member etc. She has published enormous research papers in International Journals. Most of the papers are published with high impact factors that are **SCI Indexed.** Her areas of research are in the fields of **Neural Networks, Stability analysis, Nonlinear dynamical control, fuzzy sets and systems.** To her credit she has attained the guideship under Anna University, Chennai. Under her leadership she has made changes in the **curricula, teaching learning, establishment of exclusive laboratory, recognized research center** etc...She has also brought in a lot of open elective courses, one credit courses etc. She is also a **renowned reviewer** for some of the top SCI journals with high impact factors like **IEEE transactions in Neural Networks and Learning Systems.** She has both chaired and cochaired in various IEEE conferences and was invited to give guest talks. She has collaborated with some of the scientists across the globe. It includes scientists from China, South Korea etc. She has also been a greater mentor in guiding the students' projects for all the branches of Engineering. To her credit she has 195 citations with h index 5 and has also been invited as a panelist in a lot of research forums.

She was invited to give a lecture on **Regenerative Medicine and Stem Cell** organized by the World Hi Tech Society, **Singapore.** **She has also addressed** the students in the school of computing of **National University of Singapore (NUS).** Reported **highly**

commended in the **Ph.D** thesis by the external examiners which was on **Differential equations in Neural Networks**.

She has organized a lot of faculty development programme at both National and International level. Some of them include Five Day FDP on **Integrating Computational Thinking into Mathematics with MATLAB, Simulink and R**, International FDP on **Mathematical Modelling in Data Analytics**, **Modern Technological Tools in Data Analytics and Calculus**, **Symposiums**, **ests for students**, **Webinars on Mathematical Modelling**, **Artificial Intelligence and Computer vision etc....** She has also attended a lot of workshops and FDPs conducted by NBHM sponsored Indian Women Mathematical Association workshop, in Homi Bhabha research center for Science Education, Mumbai, IIT Madras, National Higher Education Conclave Summit etc.

Awards Received

- ⇒ Awarded as the Indira Parekh-**India's Top 50 women for Leadership by the World Education Congress**.
- ⇒ **Centre for Leadership Development** under the Venus International Foundation Apex Committee has **awarded** as the **Emerging Leader for the contribution and achievement in the Discipline of Science**.
- ⇒ **Attained guide- ship from Anna University** to guide faculty members and scholars in **Applied Mathematics, Artificial Neural Networks, Stability Analysis and in Dynamic Control**.
- ⇒ **Awarded for Merit-Industry and Educational Development**
- ⇒ **Awarded as the best faculty for Department Contribution**.
- ⇒ Perceived as a **Mentor** amongst colleagues and students
- ⇒ Recognized for **Punctuality**
- ⇒ Appreciated as a **Researcher**
- ⇒ Received the **IEEE membership**.
- ⇒ **Honoured** by Shanti Ashram in the Women's Day Celebration
- ⇒ **Social Innovator**
- ⇒ **Quick / Self Learner**
- ⇒ **Smart / Hard worker**
- ⇒ **Highly adaptable** to change in ever changing environment

- ⇒ **Good Counsellor** to student community
- ⇒ **Eminent Coach** for Slow learners
- ⇒ Above all, ***Passion for Teaching***