



MALNAD COLLEGE OF ENGINEERING, Hassan

An Autonomous Institution under Visvesvaraya Technological University

NBA and NAAC accredited with 'A' Grade | Recognized by AICTE and UGC

NEWSLETTER

November
2025

Radio Podcast Talk



Dr. Samskruthi K P, recently represented our college on the prestigious radio-podcast programme **Thanthra Sudha**, organised by Akashvani Hassan. She delivered a compelling talk on the theme “**Chemistry in Daily Life**”, turning everyday routines into an engaging narrative of science and awareness. Dr. Samskruthi began by spotlighting the omnipresence of chemicals in our daily routines — from cleaning agents to cooking practices — and underscored how simple chemical processes underpin much of what we take for granted.

She then navigated the listeners through the process of **fermentation**, explaining its role not only in food but also as a fundamental chemical transformation

The discussion moved on to the use of **RO purifiers** in drinking water — a practical example of applied chemistry improving public health and lifestyle. On a cautionary note, She addressed the **disadvantages** inherent in everyday chemical use. Non-stick utensils and their chemical coatings that may degrade or release harmful substances. The addition of **food-colouring agents, artificial sweeteners, preservatives**, and various forms of **adulteration** in our kitchens — practices that may compromise health.

Finally, she shed light on the often-overlooked domain of cosmetics — discussing chemicals added for colour, fragrance or texture, and urged listeners to adopt more informed and safer practices.



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In our chemistry lab we have lab equipments like hot air oven, thermostat ,uv chamber and electrodes which is utilized by our college students for their project works and our department faculties have assisted more than 20 projects in the academic year 2024-25.



Our department faculty Dr. Pradeep Kumar C B has published 5 Research articles in reputed international journals , which are indexed in Q1 and Q2 journals in the academic year 2024-2025, he has total 49 research publications in reputed national and international journals and he has more than 1800 citation with h-index of 26 and I -10 index of 39.