

EDITION 8

ACCRESCENT

Feb 2026

Phytoremediation: *Plant-based Strategies for Environmental Cleanup*

INVOLUCRE
Department of Botany
Sri Venkateswara College

Message from Teacher Editors

We are delighted to be a part of the eighth edition of our Botanical magazine 'Accrescent'. The theme of this year's edition 'PHYTOREMEDIATION' with microbial remediation as a sub theme reveals the role of the both plants as visible vacuum cleaners and the microbes as the unsung heroes in scavenging the various contaminants of the environment at different levels. Present day research is pivoted around the sustainable practices to steward a healthier planet for succeeding generations. Our current theme features such practices with examples of biological solutions as game changers in cleaning up the unwanted and hazardous substances from the ecosystem.

Various sections like articles, student/faculty activities, odysseys etc. have been incorporated to rivet the readers. Flipping through one can see beyond the simple life of plants and microbes as the articles highlight the overview of these biological entities, which are put down by the scholarly brains of our young writers. Other sections reveal the creative, passionate and high-spirited moments of the students unmasking the vibrancy of the department. The outcome of the magazine is a collective effort of the editorial and designing team of students that showcases their zeal and dedication.

Congratulations to the students who ignited the spark of their creative flair. Heartfelt thanks to all the students for their collaborative spirit and unflinching efforts in curating this edition.

"Reading is to the mind what exercise is to the body."
--- Richard Steele

Best Wishes & Happy Reading
Dr. Muthabathula Prajna
Dr. K. Prasad



