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Research guide: **Dr. K. Balaji**

Date of joining: **27.06.2022**

Department: **Chemistry**

Education Details (UG & PG)

UG: Christ University, Bengaluru.

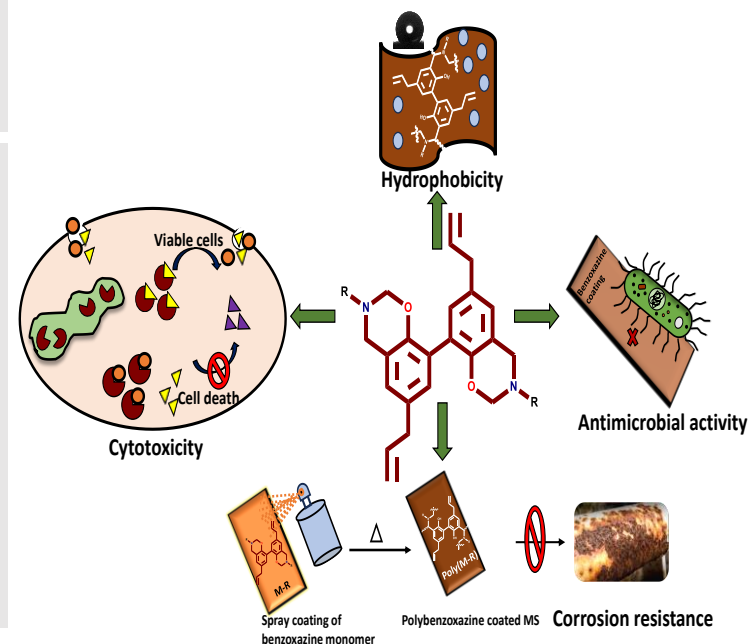
PG: Bangalore University, Bengaluru.

Tentative title of the research work

Studies on antimicrobial and antifungal behaviour of hybrid benzoxazine composites.

Brief abstract

Naturally available sustainable plant based bio-phenols viz, magnolol, cardanol, eugenol, vanillin, curcumin are considered for the development of benzoxazines in the place of petroleum based phenols. The bio-based benzoxazines developed in the proposed work will be assessed for their anti-microbial and anti-fouling behavior in-order to utilize them for coatings for medicinal textiles, antifoulant coatings for antimicrobial corrosion and bio-medical applications.



Publications (if any): **08**

Patents (if any) : **3**