

## **One Page CV**

Name : Dr. R. KAMARAJ KENNEDY

Designation : Assistant Professor

Department : Biotechnology

School : School of Agriculture

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Research Interests : My contemporary research focuses on engineered drug delivery system with PEGylated drug-proapoptotic peptide conjugates for enhanced anticancer activity with prolong, decreased side-effects, reduced frequency of the dosages taken by the patient and fluctuation in circulating drug levels

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### **Best 3 Publications:**

1. Kennedy RK, Naik PR, Veena V, Lakshmi BS, Lakshmi P, Krishna R and Sakthivel N (2015). 5-Methyl phenazine-1-carboxylic acid: A novel bioactive metabolite by a rhizosphere soil bacterium that exhibits potent antimicrobial and anticancer activities. *Chemico-biological interactions*, 231:71-82
2. Kennedy RK, Veena V, Naik PR, Lakshmi P, Krishna R, Sudharani S and Sakthivel N (2015). Phenazine-1-carboxamide (PCN) from *Pseudomonas* sp. strain PUP6 selectively induced apoptosis in lung (A549) and breast (MDA MB-231) cancer cells by inhibition of antiapoptotic Bcl-2 family proteins. *Apoptosis*, 20:858-868.
3. Pathma J., Kennedy R.K., Bhushan L.S., Shankar B.K., Thakur K. (2021) Microbial Biofertilizers and Biopesticides: Nature's Assets Fostering Sustainable Agriculture. In: Prasad R., Kumar V., Singh J., Upadhyaya C.P. (eds) Recent Developments in Microbial Technologies. Environmental and Microbial Biotechnology. Springer, Singapore. ([https://doi.org/10.1007/978-981-15-4439-2\\_2](https://doi.org/10.1007/978-981-15-4439-2_2))

### **Information if any for prospective Research Scholars:**

Scholars are interested in biomolecules profiling, anticancer and bioinformatics are welcome.