

Dr. K.SRINIVAS NAIK

Education :

M.Sc. in Microbiology (2001) from Osmania University
M.Tech. in Biotechnology (2007) from JNTU, Hyderabad
Ph.D.(2017) from Osmania University

Academic /Research Experience :

- Assistant Professor, CPMB - From May 15- 2007- to May- 2020
- Associate Professor, CPMB - May – 2020 to till date
- Post Graduate Teaching Experience - 17 years
- Research Experience - 19 Years
- Ph.D Awarded - 1
- Students under guidance - 6
- Research publications - 40
- List of Projects implemented - 3

Fellows/Life Member in Scientific Societies:

- Life Member In Indian Science Congress – L33728
- Life Member In The Association Of Microbiologist Of India (Ami)- 4952- 2020
- Life Member In The Biotech Research Society, India (Brsi) –Lm2373
- Life Member In The Society Of Biological Chemists, India –Lm 4332

Ten Selected Research Publications

1. Priyanka Manne, Raghavendra Rao Sanagala, Yashwanth Balmooru, Lalitha Shanti Marella Sai Murali Raj Menon, Venkata RamanaRao Gantla, Kethavath Srinivas Naik. Cost-effective multiplex PCR assay for simultaneous detection of bacterial leaf blight, blast and brown planthopper resistance genes in rice. Journal of Plant Biochemistry and Biotechnology . volume 33, (2024),pages 288-298.
2. Priyanka Manne, Raghavendra Rao Sanagala, Sai Murali Raj Menon, Venkata Ramana Rao Gantla and Srinivas Naik Kethavath. Comparison of Blast, Bacterial Leaf Blight and Brown Plant Hopper Introgressed Lines for Yield and Morphological Traits Over Original Line. Journal of Pure Appl Microbiol. (2024);18(1):509-521.
3. Prashanth Bollempally , Vinod Kumar Anumandla , Anjana Priyadarshani Kanathala , Srinivas Naik Kethavath and Prashant Singam.Genome-wide identification, Characterization, and Expression analysis of the Caffeic Acid O-Methyl Transferase (COMT) Gene Family of Sorghum Bicolor. International Journal of Environment, Agriculture and Biotechnology Vol-9, Issue-4; Jul-Aug, (2024).

4. Ramesh Kande, Karthik Rajkumar, Pawan Kumar Anoor, Srinivas Naik, Sandeepa Burgula Isolation of Monocrotophos degrading bacterial consortium from agricultural soil for in vivo analysis of pesticide degradation. Brazilian Journal of Microbiology.(2024).
5. Anjana Priyadarshani Kanathala, Prashanth Bollempally ; Anjana Wahengbam ; Prashant Singam, Sriya Reddy Patlolla, Srinivas Naik Kethavath, High Efficiency In vitro Whole Plant Regeneration via Desiccated Callus in *Oryza sativa* cv. MTU1010. International Journal of Innovative Science and Research Technology. Volume 9, Issue 3, March – (2024)
6. G. Kumara Joshi , K. Srinivas Naik , Bhattu Rajesh Nayak ,Yugandhar. and G.Vijay Kumar Morpho-biochemical parameters in blackgram (*Vigna mungo* L. Hepper) genotypes under drought stress condition. International Journal of Environment, Agriculture and Biotechnology Vol-9, Issue-4; Jul-Aug, (2024)
7. Nichita Yadav Aare., Pawan Kumar Anoor., SwathiRaju M., K. Srinivas Naik., Sandeepa Burgula (2022). Neutrophil gelatinase associated lipocalin a proinflammatory polypeptide necessary for host cell survival in bacteril infection. International Journal of Scientific and Research Publications. 14(6): 2155-2159.
8. Pawan Kumar Anoor., Nichita Yadav., Karthik Rajkumar., Ramesh Kande., Chaturvedula Tripura., K Srinivas Naik and Sandeepa Burgula (2022). Methanol extraction revealed anticancer compounds Quinic Acid, 2(5H)-Furanone and Phytol in *Andrographispaniculata*. Molecular and Clinical Oncology. 17: 151.
9. Praveen Kumar Keshav., Chandrashekhar Banoth., Srinivas Naik Kethavath., Bhima Bhukya (2021). Lignocellulosic ethanol production from cotton stalk: an overview on pretreatment, saccharification and fermentation methods for improved bioconversion process. Biomass Conversion and Biorefinery. <https://doi.org/10.1007/s13399-021-01468-z>.
10. Chandrasekhar Banoth., Srinivas Naik Kethavath., Praveen Kumar Keshav and BhimaBhukya (2020). Selection of stress tolerant *Saccharomyces cerevisiae* strains isolated from sloughing off soil for bioethanol production using *Prosopis juliflora*. Research Journal of Biotechnology. Vol. 15 (1) January Res. J. Biotech.