DR. SUHASA G

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CAREER OBJECTIVE

To serve the society using tools and techniques of Biotechnology.

AWARDS

- **1st PRIZE** in Biotech. Poster competition held at 'Bangalore India Bio 2013.'
- **TEQIP Fellowship** from World Bank to pursue PhD.
- **'BEST ALL-ROUNDER 2001-2002'** in Class X.
- **CONSOLATION prize** in 'All-India Camel Colour Contest 2001.'

EXPERIENCE

CO-INSTRUCTOR • BMSCE • 2013 – 2015
Handled the laboratories - 'Genetic Engineeering & Immunotechnology' and 'Enzyme Technology' for Biotechnology Engg. Students.

SENIOR RESEARCH FELLOW • VMSRF • 2011 – 2012
Worked on Bio-techniques such as:
Organic & spin-column based DNA isolation,
E.coli transformation & blue-white screening,
ELISA (solution & membrane based),
SDS-PAGE,
Western blotting,
PCR & gel electrophoresis.

EDUCATION

PHD BIOTECHNOLOGY• 2019 • BMSCE, BENGALURU, KARNATAKA.
AWARDED
M.TECH BIOTECHNOLOGY• 2011 • VIT UNIVERSITY, VELLORE, TAMIL NADU.
68.7%
B.E. BIOTECHNOLOGY• 2008 • NMAMIT, NITTE, KARNATAKA.
64.7%
PRE-UNIVERSITY• 2004 • VASAVI COMPOSITE PU COLLEGE, TUMAKURU, KARNATAKA.
84%
SSLC• 2002 • GNANA TEJA ENGLISH SCHOOL, BENGALURU, KARNATAKA.
86.56%

PROJECTS ACCOMPLISHED

"Project done during B.E. 2008"
Production of Biodiesel through Microbial Lipid Synthesis Technique.

"Project done during M.Tech. 2011"
Amplification and partial sequencing of a carotenoid pathway gene from the yeast *Rhodotorula glutinis* MTCC 1151.

"Project done during Ph.D. 2019"
Studies on development of novel PCR based processes for efficient amplification of DNA and its in situ application in detection of target gene.

"Filed Indian Patent 5661/CHE/2013 (Ph.D.)"

PUBLICATIONS

Suhasa G, Savithri Bhat, Simplified detection of the asymmetric polymerase chain reaction – amplified DNA and its application in the target identification, Journal of Applied Biology and Biotechnology, Vol 6, March-April 2018, pp 50-53.

Suhasa G, Savithri Bhat, Novel application of reversed gel electrophoresis: reuse of DNA molecular weight marker, International Journal of Current Research and Review, Vol 9, July 2017, pp 1-2.

REFERENCE

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