


CURRICULUM VITAE

Name of the Department: **DEPARTMENT OF BIOCHEMISTRY**

Name in English	S.K.G.VINOBA	
Qualification	M.Sc., M.Phil., B.Ed	
Designation	Lecturer	
Teaching Experience	5 years	
Communication Address	1/663-2, Tagore nagar I street, Thiruppalai, Madurai	
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Department Mission & Vision	<ul style="list-style-type: none">• To impart High quality , value based education to students to make them competent and confident• To provide updated career oriented curriculum in Biochemistry to meet the employment demands of industry and research	
Department Activities	<ul style="list-style-type: none">• Regularly organize seminar , Extension activities and student enrichment programs aimed at improving students academic excellence and practical skills	

RESEARCH / TEACHING EXPERIENCE

- Worked as Lecturer, Department of Biochemistry in Yadava college from September 2022 till date
- Worked as Assistant Professor, PG Department of Biotechnology in Thassim Beevi Abdul Kader College For Women, Kilakarai from 2009 to 2011
- Worked as a research scholar in project on Molecular characterization and diversity analysis in Bioethanol production from sweet sorghum plants in GKVK University, Bangalore at 2009.

LABORATORY WORK PROFICIENCY

- Molecular docking
- Bioinformatics analysis
- Isolation of DNA and RNA, purification of mRNA, Electrophoresis, PCR, RAPD, RFLP, Sequencing
- Cytological assay including mitosis & meiosis
- Plant tissue culture including embryo culture, anther culture, somatic embryogenesis
- Estimation of DNA ,RNA, Amino acids, Carbohydrates & Protein
- Basic techniques of Microbiology & Immunotechnology etc.

COMPUTER PROFICIENCY

- Completed DCA in 2011

WORKSHOP / CONFERENCE ATTENDED

- Attended the National Workshop on Advanced techniques in Biotechnology at Sourashtra College at Madurai from Jan 9 to Jan 10 of 2006
- Participated in the Summer training programme in techniques of modern biology at Sri Kaliswari College, Sivakasi during 10th -31st may 2006
- Participated in National Science Day Exhibition □ Popularization of Science □ Organized by the Bio vision, Department of Biotechnology, Sourashtra college at Madurai during 15th march 2009.
- Participated in the National Seminar on □ Recent trends in Biotechnology □ Organized by Department of Microbiology, Ayya Nadar Janaki Ammal College, Sivakasi on Feb 17th and 18th of 2010.
- Participated in the National Conference on □ Bio prospecting of marine resources with reference to marine natural products and drug discovery □ organized by the department of oceanography, School of marine sciences, Alagappa university, Karaikudi on august 27-29th of 2011
- Attended a ten day workshop on English communication for teachers organized by Thassim Beevi Abdul Kader College for Women, Kilakarai during 4th june to 13th june 2010.
- Participated in the one day workshop on creating and sustaining an active research culture among college

teachers-I organized by Thassim Beevi Abdul Kader College for Women, Kilakarai on August 7, 2010

- Participated in the two day workshop on creating and sustaining an active research culture among college teachers-II □ Project formulation organized by Thassim Beevi Abdul Kader College for Women, Kilakarai on 28th and 29th December , 2010
- Participated in the two day workshop on creating and sustaining an active research culture among college teachers-III organized by Thassim Beevi Abdul Kader College for Women, Kilakarai on 29th January 2011
- Took classes for Students of Diploma in medical lab technology and Certificate course in Laboratory management studies in 2009 to 2011
- Participated Workshop on entrepreneurial opportunities in bamboo by PG Department of Botany, American College on Jan 2023
- Attended National Conference on Emerging trends in Biological sciences -23 by Department of Biochemistry, American College on September 2023
- Attended Hands on training on Molecular, Biochemical and Microbiological techniques by PG Department of Biochemistry, SVN College on March 2024
- Participated One Day workshop on Hands on training in Molecular techniques organized by SVN college, Nagamalai on March 23 2024

- Participated one day workshop in Molecular Docking organized by VVV College on December 19 2024
- Attended the National level Conference on current and future perspective of plant and animal microbiome for health care and industrial applications organized by Department of Botany and Biotechnology, Sri Kaliswari college on Feb 2025
- Attended Four weeks international FDP on Bioanalytical techniques part-I organized by Department of Microbiology, Sacred Heart College, Tirupattur on 2025
- Presented a paper entitled Isolation of ethanol tolerant yeast strains from various fruit sources in 2025 YC AIMT International conference organized by Yadava college on 2026
- Attended National level Five day FDP on Recent trends and innovation in science and research organized by Research and development cell by Thanthai hans rover college, Perambalur on 2026
- Participated in National level seminar on Emerging trends in Biological sciences organized by PG and Research department of Zoology, Yadava college
- Attended Two day workshop on Molecular and Bioanalytical techniques in plant sciences organized by PG and Research department of Botany, ANJAC,Sivakasi on 2026

ACADEMIC PROJECTS

1. Molecular Characterization, Diversity analysis using SSR markers and Ethanol production From Sweet sorghum plants
2. Super antigen-induced multiple organ dysfunction in a toxic concentration controlled- monitored swine sepsis model

PROJECTS GUIDED

1. Development of Lactobacillus biosensor for picoscale detection of cardiovascular biomarkers
2. Isolation and Molecular characterization of ethanol tolerant yeast strains from various sources
3. Bioplastic production from varieties of banana peels and biodegradation by soil microbes