




SAPTHAGIRI COLLEGE OF ENGINEERING

#14/5, Chikkasandra, Hesaraghatta Main Road, Bangalore-560057, Karnataka, India

DEPARTMENT OF BIOTECHNOLOGY

FACULTY PROFILE

Name of the faculty	Dr. Pradima Britto	
Designation	Assistant Professor	
Contact Number	9449372570	
Email ID	pradimabritto@sapthagiri.edu.in	

Educational Qualification

Qualification	University	Year of Passing
Ph. D	Ramaiah Institute of Technology (VTU)	2016-2023
M. Tech	SMVIT (VTU)	2012-2014
BE	SIT, Tumkur (Bangalore University)	1997-2001
PUC	KGF First Grade College, Kolar dist.	1997
SSLC(SB)	St. Teresa's Girls High School, K G F.	1995

Skills

- Acknowledged with the basic statistical concepts and applying them to evaluate biological/biochemical data sets.
- Quick learner & highly energetic having a keen aptitude for learning and productively applying new knowledge resourcefully.
- Ability in handling multiple priorities with a bias for action, showing genuine interest in personal & professional development.
- Adept in grasping new concepts quickly and utilizing the same in a productive manner.
- An effective communicator with excellent interpersonal & relationship building skills.

Technical Skills

- Chemical Engineering
- Life Sciences
- Project Management and IPR
- Well versed with MS Office Tools and Statistical Analysis software Statistica, Gas Chromatography etc.

Publication/Journals

International Journal

- ✚ “Application of Steapsin lipase for bioconversion of glycerol acetates from glycerol” published in Biocatalysis and Agricultural Biotechnology, Elsevier, 48; 102641.
- ✚ “Optimization and Packed Bed Column Studies on Esterification of Glycerol to Synthesize Fuel additives” published in Korean Chem. Eng. Journal. Res., 2022; 60(1):70-79.
- ✚ Kinetic studies on the synthesis of fuel additives from glycerol using CeO₂-ZrO₂ metal oxide catalyst” published in Biofuel Research Journal, 2020; 25; 1100-1108
- ✚ “Synthesis of Acetins from Glycerol using Lipase from Wheat Extract” published in Korean Chem. Eng. Journal. Res., 2019; 579(4) :501-6.
- ✚ “Review on the enzymatic synthesis of value added products of glycerol, a by-product derived from biodiesel production” published in Elsevier Journal –Resource Efficient Technologies (2017).
- ✚ “Progress on potential technologies for glycerol valorization into oxygenated fuel additives: A Review” published in International Journal of Research in Engineering and Technology, eISSN: 2319-1163| pISSN: 2321-7308 (Sept-2016).
- ✚ “Sorption and Kinetic Studies of Chromium (VI) By Industrial Spent Biomass” published in Elsevier Proceedia for Int. Conf. on Advances in Chemical Engineering and Technology, ICACE TKMCE ‘14 (308–312).

National Journal

- ✚ “Chromium (VI) Adsorption and its Kinetic Studies Using Industrial Spent Biomass” published in International Journal of Scientific Engineering and Technology (ISSN: 2277-1581), Volume No.3 Issue No.9, pp : 1198-1202 , Sep 2014.

International / National Conference Proceedings

- ✚ Attended International conference on Applied Catalysis: Energy, Environment and Sustainability conducted virtually from 26th-28th August 2021.
- ✚ “Review on enzymatic synthesis of value-added products of glycerol, a by –product derived from biodiesel production” presented at International conference TECHNOSCAPE¹⁶ held at Vellore Institute of Technology on 20th and 21st October 2016
- ✚ “Progress on potential technologies for glycerol valorization into oxygenated fuel additives: A review presented during Second International Conference on Recent Advances in Engineering Sciences held at M S Ramaiah Institute of Technology on 8th and 9th of September 2016.
- ✚ “Biosorption of Chromium Using Industrial Spent Biomass” presented at International conference HETIS-2014 held at Dr. SSB University Institute of Chemical Engineering & Tech, Panjab University on 19-20 September 2014.

Symposium / Workshops Attended

- ✚ Participated in a 5-day workshop on Technical Writing with LaTeX and Python” held at RIT, Bengaluru on 24th-29 March 2021.
- ✚ Participated in a three-day workshop on Research Methodologies and Latex held at DBIT, Bengaluru on 19-21 June 2019.
- ✚ Presented a paper on “Enzymatic production of acetins from glycerol” in 23rd National Symposium on catalysis “Catsymp-23” organized by Catalysis Society of India, Bengaluru chapter held at Royal Orchid convention center, Yelahanka on January 17-19, 2018.
- ✚ Participated in a workshop on Instrumental Methods of Chemical Analysis held at Poornaprajna Institute of Scientific Research held on 13-17 February 2017.
- ✚ Participated in Faculty development program on “Emerging Technologies for food processing and preservation” organized by the department of Chemical Engineering, MSRIT, Bangalore.
- ✚ Participated in Faculty development program on “Applied Catalysis and Reaction Engineering” organized by the department of Chemical Engineering, MSRIT, Bangalore.
- ✚ Participated in Faculty development program on “Design and Optimization of Experiments” organized by department of Chemical Engineering, MSRIT, Bangalore.
- ✚ Participated in National conference on “Recent advances, career prospectus and entrepreneurial opportunities in bioengineering and biotechnology at Sir MVIT, Bangalore.
- ✚ Other workshops: Plant tissue culture, Nanotechnology, IPR, communication and personality development programs.

Languages

- English
- Kannada
- Hindi
- Tamil

Declaration

I hereby declare that the above-mentioned information is true to the best of my knowledge.

Place: Bangalore

Signature
Dr. J Pradima Britto