

Dr. PRAKASH BINNAL

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Education

	Degree	Year	Institute	Specialization
1	B.E	2001	SDMCET, Dharwad	Chemical Engg
2	M.Tech	2005	NIT, Warangal	Chemical Engg
3	Ph.D	2018	VTU, Belagavi	Chemical Engg

Professional Experience

	Date (from-to)	Designation	Organization
1	01-01-2011 – till date	Assistant Professor	SIT, Tumakuru
2	15-12-2008 to 31-12-2010	Lecturer	SIT, Tumakuru

Affiliations of Professional organizations

- Institution of Engineers -Life member

Courses Taught

Undergraduate Courses

- Process calculations
- Thermodynamics

Postgraduate Courses : NIL

Research Guidance : NIL

Research Areas

- Biofuels
- Desalination

Sponsored Projects

Ongoing Projects:

1. Title: Desalination of ROR using microalgae
Funding Agency: SERB
Amount: 18.5 lakhs
Duration: 3 years
Role: CO-I

Completed Projects:

1. Title: Biodiesel production using algae oils
Funding Agency: VTU Belagavi
Amount: 8.56 L
Duration: 3
Role: Co-I

Publications

Journals

- Mishra, Ranjeet Kumar, et al. "Thermo-catalytic pyrolysis of Azadirachta indica seeds over CaO and CuO: pyrolysis kinetics, impact of catalysts on yield, fuel properties and its chemical compositions." *Journal of the Energy Institute* 111 (2023): 101366.
- Mishra, Ranjeet Kumar, et al. "Hydro-deoxygenation of pyrolytic oil derived from pyrolysis of lignocellulosic biomass: A review." *Fuel* 360 (2024): 130473.

Reviewer of Journals

- Journal of institution of Engineers
- Fuel

Date: 26.6.2025

