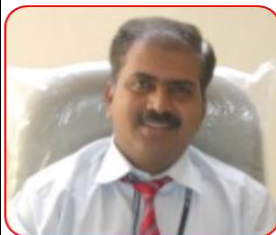



BIO-DATA

General

Name	Dr. Prashanth P A.	
Date of Birth	4 th July 1973	
Designation,	Associate Professor	
Department & Affiliated Institution	Department of Chemistry, P.E.S College of Engineering, Mandya – 571 401	
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Academic Profile

Education	M.Sc: 1998, University of Mysore, Mysuru (First Class) M.Phil: 1999, University of Mysore, Mysuru (First Class) Ph.D: 2007, University of Mysore, Mysuru.
Teaching Records (Details of courses taught)	<u>Undergraduate:</u>

Research Guidance (Candidates Awarded / Pursuing Ph.D / M.Sc., Engg./ M.Phil)

Degree	Ph.D.	M.Sc., Engg.	M. Phil
Awarded	03	Nil	05
Pursuing	03	Nil	Nil

Sponsored Research Projects (List of Projects taken up /completed and funds receiver & funding sources)

Project Title	Project Funded by	Grants Sanctioned	Grants Received
	Nil		

Research Publications in Refereed Journals and Conferences/Symposia

Number of Publications in	National	International
Journals	49	3
Conferences/Symposia	2	2
Patent Publication	2	

Other Important Responsibilities Held in the College

1. Member – Board of studies	3. Member – Board of Examination
2. Coordinator – NBA processes	4. Coordinator – First year academics

LIST OF PUBLICATIONS

- [01] Prashanth Gopala Krishna, Prabhu Chandra Mishra, Mutthuraju Mahadev Naika, Manoj Gadewar, **Prashanth Paduvarahalli Ananthaswamy**, Srilatha Rao Sivadas, Holenarasipura Gundurao Nagendra, Mahmoud Moustafa, Mohammed Al-Shehri, Saurabh Kumar Jha, Bharat Lal, Sreeja Mole Stephen Santhakumari (2022). Photocatalytic Activity Induced by Metal Nanoparticles Synthesized by Sustainable Approaches: A Comprehensive Review. *Photocatalytic Activity Induced by Metal Nanoparticles Synthesized by Sustainable Approaches: A Comprehensive Review*. Frontiers in Chemistry,. Vol.10, Pages 917831.
- [02] Chandrashekar, Charan Kumar H.C, Raghavendra M.P , **Prashanth P.A** , Shilpa.R Ananda.S (2022). Electrochemical Degradation of 5, 5- Indigodisulfonic acid Sodium salt dye at Copper/Graphite modified electrode in aqueous solution. International Journal of Creative Research Thoughts. Vol.10, Issue 7, Pages 43-56.
- [03] G K Prashanth, H M Sathyananda, **P A Prashanth**, Manoj Gadewar, M Mutthuraju, S R Boselin Prabhu, B M Nagabhushana, C Shivakumara, Srilatha Rao, Dibyalochan Mohanty

(2022). *Controlled synthesis of Ag/CuO nanocomposites: evaluation of their antimycobacterial, antioxidant, and anticancer activities*. Applied Physics A. Vol.128, Issue 7, Pages 614.

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- [05] H M Sathyananda, **P A Prashanth**, G K Prashanth, M S Dileep, S R Boselin Prabhu, B M Nagabhushana, C Shivakumara, H G Nagendra (2022). Evaluation of antimycobacterial, antioxidant, and anticancer activities of CuO nanoparticles through cobalt doping. Applied Nanoscience, [Volume 12](#), Issue 1, Pages 79 – 86. <https://doi.org/10.1007/s13204-021-02156-0>
- [06] G. K. Prashanth, M. S. Dileep, **P.A. Prashanth**, S. S. Sreeja Mole, S. R. Boselin Prabhu, B. M. Nagabhushana, S. Ravichandran, N. P. Bhagya (2021). An evaluation of noble nanocomposites based on zinc oxide: synthesis, characterization, environmental, optical and biomedical applications. Journal of Optoelectronic and Biomedical Materials, Vol. 13, No. 4, 2021, p. 151-169.
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PUBLICATIONS IN CONFERENCES PROCEEDINGS/JOURNALS

- [1]G K Prashanth, **P A Prashanth**, G M Krishnaiaha, B M Nagabhushana, H G Nagendra, H M sathyananda (2018). Antibacterial and cytotoxicity studies of ZnO nanoparticles prepared by bio-fueled solution combustion synthesis. *International Journal of Scientific Research and Review*, Volume 7, Issue 9, Pages 487- 491.

- [2] R S Raveendra, **P A Prashanth**, S Sathyanarayani, B M Nagabhushana (2018). NiO nanoparticles and its antibacterial activity. International Journal of Scientific Research and Review, Volume 7, Issue 9, Pages 492- 499.
- [3] R S Raveendra, **P A Prashanth**, B M Nagabhushana, H Nagabhushana (2013). ZnO-TiO₂ nano-composite by hydrothermal method: structure, morphology, and photocatalytic properties. National Conference proceedings. ISBN No: 978-81-928203-2-3. Pages 48-52.
- [4] R S Raveendra, **P A Prashanth**, B M Nagabhushana (2015). Synthesis, characterization of combustion derived Zn₂TiO₄ nanocrystals and its application to adsorption of azo dye. International journal of advanced scientific and technical research (IJST), Volume 5, Issue 5, Pages 128-137.

PATENT APPLICATION PUBLICATION

- [01] R. Rajmohan, T. Ananth Kumar, Thangaraja Arumugam, Hamid Alasadi, M. Vargheese, **Prashanth P A**, S. R. Boselin Prabhu, Prashanth G K, S. Sophia, Puneet Joshi,

Title of the invention: BRAIN TUMOR DETECTION IN PET SCAN IMAGES USING EXTENDED U-NET FRAMEWORK WITH VGG-16 ENCODER.

Application No.202041047141 A

Date of filing of Application: 28/10/2020

Publication Date: 20/11/2020.

- [02] VENKATA SREEKANTH DESU, Dr. Dibya lochan Mohanty, Dr.B.Kumar, Dr. Yerikala Ramesh, Mr. Voleti Vijay Kumar, **Dr. Prashanth P A**, Dr. Prashanth G K , Dr. Abdul Nasir Kurnool, Dr.Chinmaya Keshari

Title of the invention: PREPARATION AND EVALUATION OF DISINTEGRATION PROPERTIES OF ORALDISPERSIBLE TABLET OF CLONAZEPAM

Application No.202141038000 A

Date of filing of Application: 23/08/2021

Publication Date: 24/09/2021.

BOOK / CHAPTERS

Book: Polymer Technology in Dye-containing Wastewater.

DOI : 10.1007/978-981-19-0886-6

Chapter Title : Applications of Inorganic Polymers in Textile Wastewater Treatment.

Publication date: 2022

Pages: 227-245

Publisher: Springer Nature Singapore.

Book: Biologically Important Molecules: Kinetics and Mechanistic study,

Publication date: 2015

Pages: 172

Publisher: Lap Lambert academic publishing

ISBN: 978-3-659-42188-4.