

Detailed CV



Name : Dr. Prashantha Naik

Educational Qualification: M.Sc., Ph.D

Designation : Professor

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Research Areas : Toxicology and Oncology

Professional Teaching Experience: Since 2003

Research Guidance (M.Phil. /Ph.D.):

Completed students' list (with hyperlinks to their CV if available)

- (1) **Dr. Sujayraj R.S.:** Investigations on the protective effect of antioxidant nutraceuticals against anticancer drugs induced reproductive toxicities (Awarded)
- (2) Dr. Dukuzuturemye Pierree : Studies on various strategies of recycling for effective solid waste management – A comparative analysis (Awarded)
- (3) Mrs. Vishma B.L : Ethno-Medico-Botanical investigation of cancer treatments in ethnic groups of Dakshina Kannada, Udupi and Kodagu districts of Karnataka (Thesis submitted)

Ongoing Registered Students' list

- (1) Mrs. Amritha Nair: Assessment of certain environmental agents for mutagenicity and the possible role of genoprotective effect of nutraceuticals

- (2) Mr. Sanketh : Study of correlation of seminal parameters and their link to infertility problem- a comparative analysis
- (3) Mrs. Rajitha P.B. : Exploration and characterization of genoprotective and anticancer molecules from certain fungal cultures
- (4) Mrs. Riji E.: In vitro Anticancer Activity Studies of Selected Mushroom Species of Western Ghats''
- (5) Prakash S. Netalkar.: Studies on Mangroves of Coastal Karnataka-Diversity, Ecology and Anthropogenic Impact.
- (6) Mrs. Meenkashi K. : Studies on Biotic and Abiotic Factors for Optimization of Floral Waste Vermicomposting
- (7) Mr. Shankar Kudva: Diversity and Bioprospecting of Lichens of Udupi and Dakshina Kannada Districts, of Karnataka, India.

Research Projects (List)(if applicable)

Completed

- (1) Board of Research in Nuclear Sciences (BRNS) funded project: Effect of Irradiation on Biochemical and Phytochemical Constituents in some species of Mushrooms and Toadstools of Western Ghats Forest of Karnataka(Co-investigator).
- (2) National Power Corporation Ltd.funded project: Biodiversity of Kaiga.

Ongoing:

- (1) DST –SERB funded Assessment of Male Reproductive Toxicity of Nanoparticle Therapeutics and Protective Effects by Nutraceuticals(Principal Investigator)

Research Journal Publications (list)

Link: <https://scholar.google.com/citations?user=FRNB3kEAAAAJ&hl=en>

Books / Book chapters / Translations published

- (1) Prani Jagathina Vismayagalu: Akrathi Ashaya Publications : ISBN No.9789383765010
- (2) Parisara – Hinde, Indu mattu Mundu; Chintana Bayalu; ISBN No.9788192137674.
- (3) Parisara, Vanyajeevi Samrakshane mattu Shuchithva (7 shaikshnika Natakagalu); Chintana Bayalu, Modankapu ISBN No.9788192137674
- (4) Sasyathali / Prabheda mattu Raitara Hakkugal Rakshane Kayde-2001(Translated)

Papers/ poster presentations in Conferences / Seminars / Symposia (list)

International

National

Regional

Sl. No.	Title of the Paper presented	Title of Conference/ Seminar	Organizer	International/ National/State /Regional/ College/ University level
1	Synthesis, Characterization and Assessment of Antibiotic Activity of Novel propenones	National Level Technical Symposium Symbiot – 14 (11 th – 12 th April 2014)	Dept of Biotechnology, Manipal Institute of Technology (MIT)	National
2	Synthesis, characterization and anticancer studies of some novel triazolo-thiadiazone derivatives.	National Conference on Current Trends in Scientific Research for Engineering applications (NCSEA-2014) (17-18 th July 2014)	St. Joseph Engineering College, Mangalore	National
3	Exploration and Characterization of Anticancer Agent from <i>Cassipourea</i> Linn. – an In Vitro Study	DST Sponsored National Conference - 2014 on ‘An Overview of Medicinal Value of Plants’ (21.04.2014)	Sahyadri Science College (Autonomous) , Shivamoga	National
4	Incorporation of Hydroxypropyl Methylcellulose (HPMC) Films with Zinc Oxide Nanoparticle for Antibacterial Resistance	National Seminar on ‘Present Scenario of Chemical Sciences and Its Technological Perspectives’ (10-11 th October 2014)	Karnataka Science College, Dharwad	National
5	Synthesis, characterization and assessment of anticancer Activity of novel Propenones	A National Seminar on Natural vs. Synthetic Drugs A Medicinal Approach, 30 th Sept. 2014.	St. Aloysius College (Autonomous), Mangalore	National

	Methyl parathion preritha mutation mattu veeryanu viroopateya virudha nellikai saradinda rakshaneya sadhatheya ba baage ondu	10th Kannada Vijnana Sammelana (15-17 Sept. 2014)	Karnataka Science Congress, at Mysore University,	State level
6	Recovery of Cyclophosphamide Induced Male Reproductive Toxicities – A Nutraceutical Approach	International Symposium on Fertility Preservation from Basic Research to Clinical Applications (28th Feb. - 1 st March 2015).	Kasturba Medical College, Manipal	International
7	Protective effect of Gooseberry extract against methyl parathion-induced toxicities in somatic and gametic cells – an in vivo study	National conference on Recent Advances in Animal Sciences (NCRAAS) : (13-15 February, 2015)	Dept of Applied Zoology, Mangalore University.	National
8	In situ monitoring of marine pollution using fish micronucleus test as a biomarker	One Day National Conference on Trends and Innovations in Marine Biotechnology (26 th February 2016)	Alva's College, Moodabidri on	National
9	Sperm DNA Integrity and its Correlation to Morphology, Vitality and Maturation and its Correlation	National conference on Frontiers in Genetics and Genomics	Dept of Genomic Science, Central University of Kerala, Kasaragod. On 7-8 th April 2016.	National
10	ZnO Nanoparticle Dispersion in Hydroxypropyl Methylcellulose (HPMC) Films for Antifungal Resistance	National Seminar & Workshop on Functional Nanomaterials for Energy, Environment and Health,	Mangalore University on 21 st -22 nd March 2016.	National

11	Evaluation of Methyl parathion Mutagenicity using Fish Micronucleus as the Biomarker	Two Day National Conference on “Reaching the Unreached through Science and Technology: Recent Advances in Physical, Chemical, Mathematical and Biological Sciences for Energy, Health and Environment.	The Indian Science Congress Association – Bengaluru Chapter, at Mangalore University, on Sept 8-9 2017.	National
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Invited / plenary talks delivered (list) (if applicable)

Title of Lecture/Academic Session	Title of Conference/ Seminar etc.	Organizers	International/ National
National Invited (Special) Lecture on ‘Antimutagenic Activity of Ethanolic Extract of <i>Rocella montagnei</i> Against Sodium Azide – An <i>In Vitro</i> Study’	National Conference on Cryptogram Research in India: Progress and Prospects	CSIR – National Botanical Research Institute, Lucknow, during 28-29 Sept. 2015	National
Chairing a session	National Seminar on New Vistas in Biological Sciences,	St. Aloysius College (Autonomous), Mangaluru on 15-16 th January 2015.	National
Chaired a session on Fungi	National Conference on Cryptogram Research in India: Progress and Prospects	CSIR – National Botanical Research Institute, Lucknow, during 28-29 Sept. 2015	National

Impact of publications in terms of (Non-science faculty can leave out this item, if unable to fill up).

h-index : 9

i10 index : 8

Citation index ; 368

Conferences / Seminars / Workshops / Symposia organized(if applicable):

Awards / Fellowship / Recognition (Specify)(if applicable)

- (1) Certificate of Appreciation from United Nations – Environment Programme (UNEP) for having organized World Environment Day – 2014.
- (2) Certificate of Excellence for the Best Paper and First Place in the National Level Technical Symposium (SYMBIOT -14), held at Manipal Institute of Technology, Manipal – Dept of Biotechnology (11-12th April 2014).
- (3) Sadhana Shree award in recognition of social activities and eye donation programme, by Junior Chamber International.

Membership of Professional Bodies

- (1) Life member of Environmental Mutagen Society of India
- (2) Life member of Zoological Society of India
- (3) Life member of Karnataka Vijnana Sahithya Parishath
- (4) Life Member – National Association for Applications of Radioisotopes and Radiation in Industry (NAARI)
- (5) Life Member – Indian Science Congress Association

Any other Information :

Editorial member of the documentation and eBook: *‘Biodiversity of Mangalore University Campus Mangalagangothri’.*

Carried out People Biodiversity Register of three taluks of D.K. District, under the auspices of Karnataka Biodiversity Board (KBB) – Govt. of Karnataka (2013-2015).

Participated in the 4th National Pre-conference Workshop of Recent Advances in Research Methodologies in Biological Sciences (SOBSICON) – 2014, organized by Yenepoya University on 17th Nov. 2014.

Delivered an invited talk on ‘Eco-friendly traditional practices in Agriculture and organic farming’, in the training programme for Scouts and Guides on Agriculture, held on 20.07.2014.

Resource Person to give a talk on ‘Vermi-composting’ for the benefit of general public organized by Yuvaka Mandala, Aseigoly on 22.06.2014.

Delivered an invited talk on Environment Conservation conducted by Nisarga – Eco club, N.S.B. Govt. High-school, Deralakatte on 05.07.2014.

Participated in the Seminar on Radiation and Radioisotopes: Tools for Scientific Research on 28th April 2014, at CARRT, Mangalore University.

Inaugurated and gave a talk on the importance of Eco-clubs in Schools, at

Vishwamangala P.U. College, Konaje, on 30th June 2014.

Delivered a talk on Role of Environmental Education and Eco-friendly Lifestyles' in Bhavaikyatha Shibira for Scouts and Guides, organized by Nithyadhar English Medium School, Mangalore on 28th April 2014.

Convener of the organized World Environment Day on June 5th 2014 at Mangalore University.

Attended the Meeting at Karnataka State Science and Technology Academy regarding the organization of Lecture programme, on 6.6.2014. Actively involved in the organization of Special Lecture series held on 28-30 Oct. 2014

Organized Exhibition of Paintings and Photographs of Environment and Biodiversity Consecration as a part of the Environment Awareness Programme, under the auspices of Union Govt. of Environment, Forests and Climate Change and Karnataka Rajya Vijnana Parishat, on 21-22 December 2014, at Mangalore University.