


<b>Faculty Name</b>	<b>PRASHANTH KUMAR H P</b>	
<b>Designation</b>	Assistant Professor	
<b>Educational Qualification</b>	M.Sc., DBI, (Ph.D), LMISTE	
<b>Experience</b>	17 years	
<b>Email-ID</b>	prashanthkumarhp@sapthagiri.edu.in	

#### **ADDITIONAL QUALIFICATION:**

- ❖ Proficiency course in Nuclear Magnetic Resonance(NMR) from Indian Institute of Science(IISc), Bangalore.
- ❖ Proficiency course in Plant Molecular Biology from Indian Institute of Science(IISc), Bangalore.

#### **AREA OF INTEREST:**

- Phytochemistry
- Bioinformatics
- Biopolymers

#### **MEMBERSHIP IN PROFESSIONAL BODIES:**

- Life Member, *Indian Society for Technical Education (ISTE)*.
- Member, *European federation of Biotechnology (EFB)*
- Member, *Society of Cytologists and Geneticists (SCG)*.

#### **AWARDS/RECOGNITIONS/ACHIEVEMENTS:**

- **“Best Research paper”** award at a National conference, Reva University, 2019
- **“Best project of the year 2019”** at KSCST, 42<sup>nd</sup> series Biofuel/ Bioenergy projects held at K.L.E. Dr. M.S.Sheshgiri college of Engineering and Technology, Belagavi on 26<sup>th</sup> and 27th July, 2019
- **First place** for Poster presentation at National conference, Kanchi, TN, 2016
- **“Best oral presentation”** award at National level Symposium, MLACW, Bangalore,

- Won project award for **“SNaPs-For Portability of Water”** at ANVESHANA-2015 conducted by Agasthya Foundation.
- Advisor and Permanent Jury committee member, **“SRISTI”**- State level student project Exhibition, organized by ABVP.
- Advisor and Jury committee member, **“Nayee Soch”**- All India project exhibition by AGASTHYA FOUNDATION.
- **“Best paper presentation”** award at a National conference, PESIT in 2007.

#### **GRANTS OBTAINED:**

- **Karnataka State Council for Science and Technology (KSCST)**, Government of Karnataka, Grant for student research project *“Dual Biofuel production from microalgae”* in 2016.
- **Vision Group Science and Technology (VGST)**, Government of Karnataka, Grant of Forty thousand for research project *“Ayurvedic Medicinal Kit”* in 2016.
- **Karnataka State Council for Science and Technology (KSCST)**, 42<sup>nd</sup> series Biofuel/ Bioenergy projects grant for the research project *“Bioplastic Extraction from waste grease produced in industries using Glycerol as a substrate”*, 2019.

#### **MEMBER, BOARD OF EXAMINERS AND BOARD OF SYLLABUS**

- Worked as member, Board of Examiners (BOE), Biotechnology board, Visvesvaraya Technological University for the academic year 2017-18.
- Worked as member, Board of Syllabus (BOS) and Board of Examiners (BOE) Bioinformatics board, UVCE, Bengaluru.
- Member, Board of Examiner, BiSEP program at mLAC, Benagluru.

## PUBLICATIONS: INTERNATIONAL/NATIONAL JOURNALS

1. Shashidhara, KS; **Prashanth Kumar, HP**; Sameer Srivastava, Gaikwad SM; “*Neutral  $\alpha$ -mannosidase from fungus *Aspergillus fischeri* (NCIM 508) belongs to Class IIC subfamily*”, Int. J. Fundamental Applied Sci. Vol. 1, No. 4 78-80, **2012**.
2. Usha, Talambedu; Middha, Sushil Kumar; Goyal, Arvind Kumar; Karthik, Mahesh; Manoj, DA; Faizan, Syed; Goyal, Peyush; **Prashanth, HP**; Pande, Veena; “*Molecular docking studies of anti-cancerous candidates in *Hippophae rhamnoides* and *Hippophae salicifolia**”, Journal of biomedical research, 28(5), 406, **2014**.
3. Usha, Talambedu; Goyal, Arvind Kumar; Lubna, Syed; **Prashanth, HP**; Mohan, T Madhan; Pande, Veena; Middha, Sushil Kumar; “*Identification of anti-cancer targets of eco-friendly waste *Punica granatum* peel by dual reverse virtual screening and binding analysis*”, Asian Pac J Cancer Prev, 15(23), 10345-50, **2014**.
4. M Mohammad Athiq, Abhishek. B, Saranya D, Rohit KC, **Prashanth Kumar HP**; “*Application of Bio technology in Treatment of Heavy Metal Contaminated Industrial Waste Water-A case study*”, International Journal of ChemTech Research, 8(5), 144-147, **2015**.
5. Meghana Rao, Gauthami R, Saranya D, **Prashanth Kumar HP**; “*Regenerative Medicine- Scaffolds*”, International Journal of ChemTech Research, 8(5), 183-191, **2015**.
6. Mohammad Athiq, Abhishek B, Saranya D, **Prashanth Kumar HP**, Rohit K C; “*A Review on Antimicrobial and Antioxidant Properties of *Anisomeles malabarica* Research and Reviews*”: A Journal of Ayurvedic Science, Yoga and Naturoapthy, 2(2), **2015**.
7. Nethravathi M , Divya KH , **Prashanth Kumar HP** , Saranya D, Shashidara KS; “*Characterisation and Analysis of Nanosized Fertilizers and their Effect on Cereal Plants*”, International Journal of ChemTech Research, 8(5), 148-152, **2015**.
8. Middha, Sushil Kumar; Goyal, Arvind Kumar; Bhardwaj, Ankit; Kamal, Raj; Lokesh, Prakash; **Prashanth Hoskote Panditharadhya**; Wadhwa, Gulshan; Usha, Talambedu; “*In silico exploration of cyclooxygenase inhibitory activity of natural compounds found in *Myrica nagi* using LC-MS*”, Symbiosis, 70, 169-178, **2016**.
9. Gowthami S., Saranya D., **Prashanth Kumar H.P.**, Rohit K.C.; DNA Barcoding, Research & Reviews: A Journal of Bioinformatics, 3(1), **2016**.

10. Saranya D, **Prashanth Kumar H.P.**, Rohit K.C.; “*Detection and Retrieval of Follicles in Polycystic Ovarian Syndrome (PCOS) using Image Processing Techniques*”, Journal of Image Processing & Pattern Recognition Progress, 3(1), **2016**.
11. Usha, Talambedu; Pradhan, Sushen; Goyal, Arvind Kumar; Dhivya, Shanmugarajan; **Prashanth Kumar HP**; Singh, Manoj Kumar; Joshi, Neelu; Basistha, Bharat Chandra; Murthy, KR Siddalinga; Selvaraj, Saravanakumar; “*Molecular simulation-based combinatorial modeling and antioxidant activities of zingiberaceae family rhizomes*”, Pharmacog mag, 13(3), S715, **2017**.
12. **H P Prashanth Kumar**, Jagannath J, R S Akash, Praveen Kumar L, Chandana Prakash, C Sowmya; “*Nature’s best medicine for everyone -Dietary Flavonoids*”, International Journal of Fundamental and Applied Sciences, 7(2), **2018**.

## **INTERNATIONAL/NATIONAL CONFERENCES**

Has presented numerous research papers, posters and participated in 45+ National & International conferences in Karnataka and Pan India.

## **WORKSHOPS/SYMPOSIA/GUEST LECTURES**

Worked as Coordinator for numerous workshops/seminars like Animal Handling techniques, Animal cell culture techniques, Next Generation sequencing, Intellectual property rights, Bio-analytical techniques, Regulatory affairs and so on.

## **SOCIAL RESPONSIBILITY:**

- ❖ Working as **Assistant Chief Traffic warden** along with Bangalore city traffic police for Road Safety.
- ❖ **Co-founder of PARISHUDH FOUNDATION** a Non-profit organization for blood donation volunteers.
- ❖ Worked with **120+** government schools and **>3500** students bringing awareness on **CHILD TRAFFICKING**.