

Mr. Arun Kumar Dandavathi

Assistant Professor

M.Sc., Ph D (Ongoing)

Courses Taught: Chemistry/Organic Chemistry/
Analytical Chemistry

Area of Expertise: Physical Chemistry, Automation,
Forensic Science, Organic synthesis, Non-linear
optics, Analytical Chemistry, Biofuels, Entomology,
Molecular Biology

Contact Details

email: kumar.arun298@gmail.com

Research

- PhD (ongoing), Visvesvaraya Technological University, Belagavi
- Completed VGST sponsored minor research project on “Biologically efficient and small scale implementable fuel production using easily available seeds of vegetables and fruits.” Under SPICE Project 2013-14 (Grant amount – Rs.30,000/-)
- Have experience in biodiesel production using *Pogemia pinnata* at Agricultural Research station, Gangavathi as a part of extension of above mentioned work in July 2014
- “Identification of cultivar specific SSR markers in coffee” at CCRI, Balehonnur in May 2012.
- Analysis of fecal samples of insectivorous bats for insect parts. (2011 to 2013)

Publications

In International Journals

- **Arunkumar, D.**, Avinash, N.G., Robin, K.B., Harshith R. & Samshuddin, S. (2015). Der Chemica Sinica, 6(4): 100.
- Dhiraj, S.K., **Arunkumar, D.**, Avinash N.G.& Samshuddin S. (2015). Advances in Applied Science Research, 6(6): 99.
- **Arunkumar, D.**, Pereira, N. F. & Samshuddin, S. (2015). Der Chemica Sinica, 6(9): 56.
- Naveen, S., Samshuddin, S., Rodrigues, M., **Arunkumar, D.**, Lokanath, N.K. & Warad, I. (2016). IUCr Data 1, x161716.
- Samshuddin, S., Naveen, S., **Arunkumar, D.**, Mahesha, A., Lokanath, N.K. & Abdoh, M. (2016). IUCrData 1, x161877.
- **Arunkumar, D.**, Samshuddin, S., Ansar, M., Mague, J. T. & Ramli, Y. (2020). IUCrData 5, x200800.

In Seminar / Conference Proceedings

- **Kumar A. D.** , Avinash J T , Dhanya Sathyapalan , Suresh N, Jeena Devasia , Manoj Kumar Mishra and Prakash N S (2013).Genetic variation as revealed by SSR markers in coffee. PP-56. NSETBS-2013, Agnes College, Mangalore. January 19th & 20th , 2013.
- S. Samshuddin, Avinash & **D. Arunkumar** (2019). Synthesis and corrosion inhibition characteristics of N-(4,6- Dimethylpyrimidin-2-yl)[1,1'-biphenyl]-carboxylamide on mild steel in hydrochloric acid solution. PP-55. SSSC-2019, Govinda Dasa College, Surathkal, Karnataka. March 15th and 16th , 2019.

Conferences/workshops/symposiums attended

- Participated in National level Conference on “Perspectives of Biotechnology in Health and Industry”
- Participated in One Day State level Seminar on “Recent Advances in Chemistry”
- Participated and presented a paper in National level Seminar on “Emerging Trends in Biological Sciences”
- Participated in National level Symposium on “Recent Advances in Chemistry”
- Participated in National level Seminar on “Natural vs. Synthetic Drugs”

ADDITIONAL SKILLS

- Basic computer Skills
- Tally 9
- Adept in ChemDraw, ISIS/Draw and ChemSketch
- LaTeX

CERTIFICATES

- Teaching methodology
- Research Activities in Organic Synthesis
- Basic concepts in ResearchMethods
- Tally 9