

Dr. A. KHALEEL AHAMED



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Educational Qualification

Degree	Year	Subject	University/Institution
B. Sc.	1981	Botany	Madurai Kamaraj University, Madurai
M. Sc.	1983	Botany	Madurai Kamaraj University, Madurai
M. Phil	1985	Botany	Meerut University, Meerut, Uttar Pradesh
Ph. D.	2003	Botany	Bharathidasan University, Tiruchirappalli

Teaching Experience: Total 29 Years
PG 29 Years
UG 29 Years

Research Experience: 20 Years

Area of Research : Cyanobacterial stress physiology
Microalgal diversity
Environmental Biomarkers
Biodiversity Informatics

Membership in Academic bodies

Life member in the Society of Plant Physiology, IARI, New Delhi.
Life member in the Swamy Botanical Club, Bharathidasan University, Tiruchirappalli

Research Publications:

Arul Prakasam Peter , Karthick Lakshmanan , Shylajanaciyar Mohandass, Sangeetha Varadharaj, Sivasudha Thilagar, **Khaleel Ahamed Abdul Kareem**, Prabaharan Dharmar, Subramanian Gopalakrishnan, Uma Lakshmanan (2015) Cyanobacterial KnowledgeBase (CKB), a Compendium of Cyanobacterial Genomes and Proteomes *PLOS One*, DOI: 10.1371/journal.pone.0136262. **Impact factor 3.234**

Tariq Ahmad Masoodi, Noor Ahmad Shaik, Gowhar Shafi, Anjana Munshi, **A. Khaleel Ahamed**, Zahid A. Masoodi (2012) Comparative analysis of hemagglutinin of 2009 H1N1 influenza A pandemic indicates its evolution to 1918 H1N1 pandemic. *Gene*, 491: 200-204. **Impact factor 2.082**

Priya B, Uma L, **Khaleel Ahamed A**, Subramanian G and Prabakaran D (2011) Ability to use the diazo dye, C.I. Acid Black 1 as a nitrogen source by the marine cyanobacterium *Oscillatoria curviceps* BDU92191. *Bioresource Techno* 102: 218–7223. **Impact factor 4.494**

Special courses attended/Training received

- Biodiversity Awareness workshop using FOSS4G held on 19th Aug. 2015 at French Institute, Pondicherry.
- Sensitization Course held at IFGTB, Coimbatore during Feb. 09 - 11, 2015.
- Training programme on “Molecular Markers: Discovery and Validation” conducted by Agri Bioinformatics Promotion Centre, CPCRI (ICAR), Kasaragod, Kerala. Feb. 16 -20, 2010.
- Training programme on “Perl Scripting for Genome Analysis, organized by Agri Bioinformatics Promotion Centre, CPCRI (ICAR), Kasaragod, Kerala. Aug. 10 – 14, 2009.
- National workshop on “Biodiversity Database Organization and its Management” conducted by Biotechnology & Bioinformatics Division, Tropical Botanical Garden & Research Institute, Thiruvananthapuram, Kerala. Mar. 12 – 14, 2008.
- Accelrys workshop on Homology based Protein Design, held at SASTRA University, Thanjavur, Tamil Nadu. Sep. 16 – 17, 2006 Workshop on Herbal processing, Drug design & Development (CSIR Sponsored). The Gandhigram Rural Institute, Deemed University, Dindical, Tamil Nadu. Mar. 24 – 25, 2006.
- Certificate course in Bioinformatics conducted by AU-KBC Research Centre, MIT Campus of Anna University, Chennai. Jun. 21 – 25, 2005.

- Work shop on “Statistical tools in Research: Hands on Experience with Statistical Software” organized by Department of Statistics, St. Joseph’s College, Tiruchirappalli. Nov. 01 – 06, 2004.
- Bioinformatics refresher course (UGC sponsored). Bharathiar University, Coimbatore. Feb. 2 – Mar. 1, 2004.

Details of Projects Awarded:

Title of the Project and Funding Agency	Status
Survey of Marine Cyanobacterial Biodiversity of Southeast Coast of India at the Post-Tsunami Scenario for Screening Antioxidant substances, Minerals and Enzymes of Therapeutic Use University Grant Commission funded. Rs. 65, 000/	2006 – 2008 Completed
Developing Environmental Biomarkers to Monitor the Healthiness of Microalgal Biodiversity of Southeast Coast of India. University Grant Commission funded. Rs. 10, 48, 800/	2012 – 2015 Completed
Innovative programme - Teaching and Research in Interdisciplinary and Emerging Areas. University Grant Commission funded, Rs. 55.00 Lakh + Two Assistant Professors	2013 – 2018 Ongoing

Workshop/Training Programmes Organized:

Hands on Training in Biodiversity Web Application Development using Python-Django Framework held during 23rd to 27th February 2015.

Hands on Training in Mapping Biodiversity with FOSS GIS software held on 19th and 20th December 2014.