

CURRICULUM VITAE

Dr. Chandrakala E

D/o Elumalai, R.M
Rampura (Post)
Chikkamagalur- 577133
E-mail: chandrakala.e051@gmail.com
Mobile: +91 8867650831

Education

- 2014 - 2020 **Ph.D.**, Dept. of Applied Zoology, Kuvempu University, Shankaraghatta, Shivamogga.
- Ph.D. Title “Genetic Association of Human *NrCAM* gene in Autism Spectrum Disorders (ASD)”.
- 2009 - 2011 **M.Sc.**, Applied Zoology, Kuvempu University, Shankaraghatta, Shivamogga.
- 79.47% (*Second Rank*).
- 2006 - 2009 **B.Sc.**, (CBZ), IDSG First Grade College, Chikkamagaluru.
- 78.25%.

Additional Qualification

- 2021 Human Genetics course.
- 2011 P.G. Diploma in Genetics.
- 2008 Computer Programmer.

Work Experience

- 2020 - till date working as a Guest Faculty for PG Courses at Dept. of Applied Zoology, Kuvempu University, Shankaraghatta, Shivamogga.
- 2016 - 2018 Junior Research Fellow in DST-SERB Research project at Dept. of Applied Zoology, Kuvempu University, Shankaraghatta, Shivamogga.
- 2011 - 2013 Worked as a Guest Faculty for PG Courses at Dept. of Applied Zoology, Kuvempu University, Shankaraghatta, Shivamogga.

Competitive Exams Cleared

2015 Karnataka State Eligibility Test (KSET)

Book Chapter

2023

Elumalai Chandrakala and Kakanahalli Nagaraj.
Co-occurrence of Autism Spectrum Disorder with Other Neurological Disorders: A Brief overview. Page 13-26
Book title: *Novel Aspects on Pharmaceutical Research Vol. 3.*
Editor(s)
Dr. Emmanouil Magiorkinis.
Publisher : B P International.

Research Publications

2020

Elumalai Chandrakala and Kakanahalli Nagaraj.
Analysis of co-occurrence of Autism Spectrum Disorder with other Neurological Disorders. *Asian Journal of Pharmaceutical and Clinical Research*. Vol.13, Issue.5, pp. 69-72.

2020

Dayananda G.Y., **Chandrakala E** and Supriya H.C.
Survey of Pulmonary Tuberculosis based on symptoms and sputum examination in Chikkamagaluru. *Innovare Journal of Health Sciences*. Vol.8, Issue.5, pp. 1-2.

2019

Chandrakala E and Nagaraj K.
Correlation between autistic endophenotypes and associated risk factors. *Indian Journal of Public Health Research and Development*. Vol.10, Issue.9, pp. 242-248.

2017

Dayananda G.Y., Narasimha Reddy A., **Chandrakala, E** and Nagaraja.
Inversion Polymorphism of the natural (Mandagadde Bird Sanctuary) and laboratory population of *Drosophila nasuta nasuta*. *International Journal of Recent Scientific Research*, Vol. 8, Issue.7, pp. 18059-18061.

2016

G.Y. Dayananda., **E. Chandrakala** and Nagaraja.
Comparative studies on inversion polymorphism in *Drosophila ananassae*. *Current Biotica*, 10(1): 77-80. ISSN: 0973 – 4031.

Research papers presented at Conferences/Seminars

- Presented a paper entitled “Screening and Identification of *NrCAM* gene mutations in Autism Spectrum Disorder” at “45th Annual Meeting of the Indian Society of Human Genetics (ISHG 2020)”, Advancing health-care through genomics. Organized by Department of Human Genetics, Sri Ramachandra Institute of higher education and research, Porur, Chennai. Held during 13th to 15th February 2020.
- Presented a paper entitled “Assessment of Autism Spectrum Disorder in central Karnataka” at International Conference on “Environment, Genes, Health and Diseases”. Organized by Department of Human Genetics and Molecular Biology, Bharathiar University, Coimbatore. Held during 22nd to 24th August 2017.
- Presented a paper entitled “Preliminary survey of Autism Spectrum Disorder (ASD) patients in Malnad region of Karnataka” at the “National Conference on Genetics of Human Diseases” organized by Department of Animal Science, Central University of Kerala, Kerala. Held during 3rd and 4th November, 2016.
- Delivered a talk on research topic at the “Health Sciences Research Day” organized by the Department of Biochemistry, Kuvempu University held during July 18th, 2014.
- Presented a paper entitled “Studies on population ecology of coot, *Fulica atra* (L) in some freshwater ponds of malnad area” at the National Conference on “New Frontiers in Animal Science”. Organized by Department of Applied Zoology Kuvempu University. Held during April 9th & 10th, 2012.

Seminars/Conference/Symposium/Workshop Participated

- Workshop on “Advanced Techniques in Genomics”, organized by Madras Diabetes Research Foundation (MDRF) and Indian Council of Medical Research (ICMR), Chennai. Held during 5th to 7th February 2020.
- One day workshop on “Research Methodology”. Organized by Kuvempu University, Shankaraghatta, Shivamogga. Held during 27th March 2019.
- Workshop on “Whole Genome Sequence Analysis”, organized by National Center for Biological Sciences (NCBS), Bangalore. Held during 5th to 7th December 2018.
- One day regional workshop on “Biological Sciences”. Jointly organized by Vision Group on Science and Technology, Govt. of Karnataka and Kuvempu University. Held at Kuvempu University, Shivamogga during 17th November 2018.
- Two days national level workshop on “Conservation imperatives with development aspirations in Western Ghats”. Jointly organized by The Wilderness Club, Bangalore; Save Western Ghats, Karnataka; Kuvempu University, Shankaraghatta; Prakruti, Sirsi and Environmental Study Centre, Shivamogga. Held at Kuvempu University,

Shivamogga during 3rd & 4th September 2018.

- National workshop on “Protein Sequencing Techniques”. Organized by Biotechnika Info Labs Ltd. Held during 23rd January 2018.
- One day state level Seminar on “Path to Entrepreneurship in Life Sciences”. Organized by Department of Microbiology, Kuvempu University, Shivamogga. Held during 22nd February 2017.
- UGC sponsored one day National Symposium on “Current trends in Biotechnology research” Organized by Department of Biotechnology and Bioinformatics, Kuvempu University, Shivamogga. Held during 31st March 2016.
- One day state level Seminar on “Advances and Challenges in Biological Research”. Organized by Department of Biochemistry, Kuvempu University, Shivamogga. Held during 17th March 2016.
- One day state level Seminar on “Current challenges of Microbes”. Organized by Department of Microbiology, Kuvempu University, Shivamogga. Held during 4th March 2016.
- “103rd Indian Science Congress” held at University of Mysore, Mysuru from January 3 to 7, 2016.
- One day State level Seminar on “Advances in Animal Science”, organized by Department of Zoology, Sahyadri Science College, Shivamogga. Held during 14th March 2015.
- “National Conference on Recent Advances in Animal Sciences” (NCRAAS) held during 13th to 15th February, 2015 at Mangalore University, Mangalore.
- 7th Annual KSTA National Conference on “Science, Technology and Productization – A means for growth”. Jointly organized by Karnataka Science and Technology & The Oxford College of Science. Held during February 5th & 6th, 2015 at Bangalore.
- National Conference on “Biodiversity Conservation and Sustainable Management”. Organized by Department of Applied Zoology, Kuvempu University, Shivamogga. Held during March 25th & 26th, 2014.
- KSTA Regional Conference on “Science and Technology for Education and Health Care”, jointly organized by Karnataka Science and Technology Academy and JSS College of Arts, Commerce and Science, Mysore, held during 21st & 22nd Feb 2014.
- National Symposium on “Innovations in Science and Technology for Inclusive Development” organized by ISCA, Bangalore Chapter and Department of Studies in Zoology, University of Mysore, Mysore. Jan 3rd & 4th 2014.

- National Conference on “Biotechnology in Healthcare: Bench to Bedside”. Organized by Department of Biotechnology, Sahyadri Science College, Shivamogga. September 27th & 28th, 2013.
- National Seminar on “Role of Microbes; Past, Present and future”. Organized by Department of Micro Biology, Kuvempu University, Shivamogga. Held during 28th & 29th March 2012.
- “Kuvempu University Silver Jubilee Exhibition” organized by Kuvempu University, Shivamogga. Held during 16th to 19th February 2012.
- International Conference on “Bangalore India Bio” at Bangalore. Held during 6th – 8th February 2012.
- State Level Symposium “Treatise on Contemporary Molecular Biology” organized by Department of Biotechnology, Sahyadri Science College Shivamogga. Held during 9th May 2011.
- National Seminar on “Strategies for Biodiversity Conservation and Management” Organized by Department of Applied Zoology, Kuvempu University and Associated with CSIR, New Delhi. Held during 6th May 2010.

Webinars

- Webinar on “Genome-wide changes under microgravity” Organized by School of life sciences, Central University of Himachal Pradesh, Himachal Pradesh. Held during 15th May 2020.
- National webinar on “Recent advances in proteomics technology” Organized by Heridity Life Sciences, KIIT-TBI, Bhubaneswar, Odisha. Held during 21st & 22nd July 2020.

Membership

- Life member in Indian Society of Human Genetics.

.....