

STAFF PROFILE

Name : M. Feroz Khan

Designation : Assistant Professor

Department : Zoology

Email : cferoz.merlin@gmail.com, feroz.zoo@cahc.edu.in

Mobile No. : 9894200679



1. Academic Qualification

Degree	Year	Subject	Institution	University
Ph.D.	2010	Zoology	Scott Christian College (Autonomous)	Manonmaniam Sundaranar University, Tirunelveli
PG	2004	Zoology	Scott Christian College (Autonomous)	Manonmaniam Sundaranar University, Tirunelveli
PG	2015	Marine Biology & Oceanography	Centre for Advanced Studies in Marine Biology, Parangipettai	Annamalai University, Chidambaram
UG	2002	Zoology	Scott Christian College (Autonomous)	Manonmaniam Sundaranar University, Tirunelveli
PG Diploma	2011	Nanobiotechnology	LSFI, Karnataka	LSFI

2. Work Experience

S.No.	Positions Held	Name of the Institute	From	To
1	Project Assistant Professor	DAE-BRNS Project, Scott Christian College (Autonomous)	Nov. 2004	Mar. 2009
2	Project Assistant Professor	DAE-BRNS Project, Scott Christian College (Autonomous) & IQAC Cell	Apr. 2009	Mar. 2010
3	Assistant Professor (FIP Substitute under UGC Scheme)	Dept. of Zoology, Sadakathullah Appa College, Tirunelveli	Mar. 2010	Mar. 2012
4	Guest Lecturer (UGC-COP Programme)	Dept. of Zoology, Sadakathullah Appa College, Tirunelveli	Apr. 2012	Nov. 2013
5	Assistant Professor (Level 10)	PG and Research Department of Zoology, C. Abdul Hakeem College (Autonomous), Melvisharam - 632509	Nov. 2013	Nov. 2017
6	Assistant Professor (Level 11)	PG and Research Department of Zoology,	Nov. 2017	Till date

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		C. Abdul Hakeem College (Autonomous), Melvisharam - 632509	
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3. Professional Recognition/Award/Prize/Certificate/Fellowship received

S.No.	Name of the Award	Awarding Agency	Year
1.	JRF	DAE-BRNS	Nov. 2004 to Mar. 2006
2.	SRF	DAE-BRNS	Apr. 2006 to Mar. 2009
3.	Post-Doctoral Fellow	DAE-BRNS	Apr. 2009 to mar. 2010
4.	High Achievers Award (University 3 rd rank)	Manonmaniam Sundaranar University, Tirunelveli	2002
5.	High Achievers Award (University 2 nd rank)	Manonmaniam Sundaranar University, Tirunelveli	2004

4. Professional Development Programme Attended (FDP/FIP/RC/OP/PDP – More than 3 Days)

S.No.	Name of the Programme	Name of the Organizer	Duration With Date
1	FIP	HRDC, JNU, New Delhi	13 th Nov. to 11 th Dec. 2015
2	RC in Nanoscience & Nanotechnology	HRDC, NEHU, Shillong	16 th Nov. to 3 rd Dec. 2016
3	RC in Life Sciences (ID)	HRDC, Pondicherry University	4 th Dec. 2018 to 24 th Dec. 2018
4	RC in Life Sciences (Core)	HRDC, Ranchi University, Ranchi	1 st Sep. to 14 th Sep. 2020
5	RC in Life Sciences (ID)	HRDC, Osmania University, Hyderabad	3 rd Jan. to 18 th Jan. 2022
6	RC in Life Sciences (ID)	HRDC, Kannur University, Kannur	29 th Sep. to 9 th Oct. 2023

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4.1 Membership of Professional Bodies

Name of the Professional Body	Member Type	Year
CMFRI, Kochi	Lifelong	From 2007 onwards
NITTSD	Lifelong	From 2021 onwards

4.2 Membership in Committee(s)

Name of the Committee	Designation	Year
Board of Studies	In charge & Member	From 2023 onwards
Video capture system	coordinator	From 2021 onwards
Extension Activities	coordinator	From 2018 onwards

5. Research & Development

5.1 List of Projects (Title, Funding agency, Amount Generated)

Year	Title of the Project	Funding Agencies	Amount	Status

5.2 List of Papers published (Name, Title, Journal Name, Volume, Year, Page No) (Link if any)

<https://scholar.google.com/citations?user=pRST8q8AAAAJ>

5.3 Detail of patents.

Year	Title of the Patent	Status
20/05/2022	SHELF-LIFE ENHANCEMENT OF FISH USING MARINE MACROPHYTE	Approved
17/06/2022	BIOSYNTHESIZED ZINC OXIDE NANOPARTICLES AS AN ANTICANCER AGENT	Approved

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29/07/2022	TOXICITY OF BIMETALLIC (IRON & SILVER) GREEN NANOPARTICLES ON MOSQUITO LARVAE	Approved
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5.4 List of Books/Reports/Chapters/General articles etc. (Author, Chapter Title, Book Title, Publisher, Year, ISBN/ISSN) (Link if any)

1. Khan, MF, Raj, YL., Ross, EM., Wesley, SG., 2007. 40K and 137Cs in Marine fishes around Kudankulam Coast, Gulf of Mannar. Proceeding of the 15th National Symposium on Environment held at Bharathiar University, Coimbatore. Pp. Macmillan Book Series.
2. Ross, EM., Raj, YL., Khan, MF, Wesley, SG., 2007. Concentration of natural radionuclides (40K, 228Ra and 226Ra) in vegetables and fruits collected around Kudankulam, South India. Proceeding of the 15th National Symposium on Environment held at Bharathiar University, Coimbatore. Pp. Macmillan Book Series.
3. Raj, YL., Ross, EM., Khan, MF, Wesley, SG., 2007. Heavy metals in commercially valuable fin and shell fishes of Kudankulam Coast, Gulf of Mannar. Proceeding of the 16th National Symposium on Environment held at Guru Jambeswar University of Science and Technology, Hisar, Haryana. Vayu Book Series. New Delhi.
4. Khan, MF, Wesley, SG., (2011) Background Radiation Dose-Rate to Non-Human Biota of Kudankulam Coast, Gulf of Mannar (GOM), India. Chapter 37 Advances in Environmental Research: An Interdisciplinary Approach. Editors: Paul V.I., Subramanian, A., Elanchezian, C., Department of Zoology, Annamalai University, Annamalai Nager. ISBN: 978-93-81361-27-6, Excel India publishers, New Delhi.
5. Khan, M.F. and Kumar, A.V.A., 2011. Quantum Dots in Cancer treatment: A Nanobiotechnological Research. Proceedings of National Conference (LSFI_MIET_NANO_2011) Nanosciences and Nanobiotechnology: Present and Future Perspectives 26th November, 2011, MIET, Meerut, UP ISBN : 978-81-922112-1-3.
6. Khan, MF, Wesley, SG., (2013) Cesium-137 in the near shore marine environment around Kudankulam, Gulf of Mannar, India. Proceedings of the 18th National Symposium on Environment (NSE-18). Current Perspectives on Environmental Protection. Editors: Puranik, VD et al. Department of Chemical Engineering, JNTUA College of Engineering, Ananthapur – 515002, India. ISBN No. 978-81-7800-287-3. Pp. 36-39.
7. Khan, MF, Wesley, SG., (2013) Radioactive biomonitoring using limpets around nuclear installations. Proceedings of the 6th International Congress of Environmental Research. Editors: Pandey et al. 19-21 December 2013, Dr. Rafiq Zakaria Campus, Maulana

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Azad College of Arts, Science & Commerce, Aurangabad, Maharashtra, India. Pp. 52, ISBN No. 978-81-909379-6-2.

8. Khan, M.F., Shareef, Y.N., Sabu, K.S., 2022. Concentration of radionuclides in the yellowfin tuna (*Thunnus albacares*, Bonnaterre, 1788) from the southern coast of India. International Conference on Ecosystem restoration and environmental sustainability: Concerns and alternatives. IGCHEPS, University of Rajasthan, Jaipur. October 26-28, 2021,

9. Khan, M.F., Shareef, Y.N., Sabu, K.S., 2022. Radioactivity levels in a pond ecosystem of Ranipet District. International Conference on Ecosystem restoration and environmental sustainability: Concerns and alternatives. IGCHEPS, University of Rajasthan, Jaipur. October 26-28, 2021.

10. Khan, M.F., Shareef, Y.N., Sabu, K.S., 2022. Polonium-210 in edible molluscs collected from Kerala from the southern coast of India. International Conference on Ecosystem restoration and environmental sustainability: Concerns and alternatives. IGCHEPS, University of Rajasthan, Jaipur. October 26-28, 2021.

11. Khan, M.F., Shareef, Y.N., Sabu, K.S., 2022. Concentration of ^{210}Po in the blue mussel (*Mytilus edulis*, Linnaeus, 1758) from the southern coast of India. Proceedings of the International online conference on Environmental status of estuarine and coastal ecosystems in India. ECEI-2022. Department of Environmental Sciences, University of Kerala, 978-93-5607-582-5.

12. Khan, M.F., Shareef, Y.N., Sabu, K.S., 2022. CONCENTRATION OF ^{210}Po IN THE INDIAN MACKERAL RASTRELLIGER KANAGURTA (CUVIER, 1816) FROM THE SOUTH-WEST COAST OF INDIA at the International Conference on Environmental Pollution and Health: Governance for a Sustainable future (ICEGSF), 22-24 November, University of Kerala.

5.5 List of Paper Presentations in National/International Seminar/Conference (Paper Title, Seminar/Conference, Place, Date)

1. Zinc-Cadmium Concentration and its index in Marine Fin and Shell fishes of Kudankulam Waters, Gulf of Mannar. September 2005 presented at the 2nd multi-disciplinary National Seminar of Scott Research Forum.

2. Gross alpha radioactivity and abiotic factors in Soil samples around Kudankulam Nuclear Power Project – a Pilot study. August 2006 presented at the 3rd multi-disciplinary National Seminar of Scott Research Forum.

3. Zinc-Cadmium levels in Sea foods and assessing its safety with a new index. Presented at National Conference on Aquatic resources, Aquaculture and Aqua show, 15 – 17 February 2006. St. Xavier's College (Autonomous), Palayamkottai, Tirunelveli, India.

4. ^{137}Cs fall-out in Kudankulam Coastal waters, Gulf of Mannar. Presented at National Conference on Water and Waste water Management, 24 – 25 August 2006, J.J. College of Engineering and technology, Tiruchirapalli – 620 009.

5. ^{210}Po activity in cigarettes and the associated dose via smoking. Proceedings of the first International Conference of SRF, Scott Christian College (Autonomous), Nagercoil.

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6. Radionuclide levels in seawater samples collected along the coast of Kudankulam, Gulf of Mannar (GOM), India. Presented at the National Seminar on Biodiversity Conservation and Management of Aquatic Resources (NSBCMA' 2010), 09-10, December 2010, Directorate of Research and Extension (Fisheries), TANUVAS, Fisheries College and Research institute, Thoothukudi-628 008, Tamil Nadu, India.
7. Natural radioactivity levels in marine teleosts of southeast coast of Gulf of Mannar-A radioecological perspective. Presented at the XXXVI Annual Conference of Environmental Mutagen Society of India (EMSI 2011) and International Symposium on Environmental Exposures to Mutagens and Carcinogens on Human Health, organized by the School of Bio-Sciences and Technology, VIT University, Vellore on February 3-6, 2011.
8. Natural radionuclides in Indian seafoods: A special focus on major contributing species. Presented in the International conference on radioecology and environmental radioactivity (ICRER 2011) held at Mc Master University, Canada in association with International Union of Radioecology, 19-24th June 2011, Hamilton, Canada.
9. Natural radioactivity levels in vegetables cultivated in a High background radiation Area (HBRA), Southwest coast of India. Presented in the International Symposium on Environmental Risk Assessment (ISERA 2011) held at Unit of Toxicology, Department of Zoology, School of life Sciences, Bharathiar University, Coimbatore from 17th to 19th October 2011.
10. Background radiation dose rate to marine bivalves inhabiting Wedge bank region, South India. Presented in the International Symposium on Environmental Risk Assessment (ISERA 2011) held at Unit of Toxicology, Department of Zoology, School of life Sciences, Bharathiar University, Coimbatore from 17th to 19th October 2011.
11. Impact of gamma irradiation on the fillets of Asiatic redspot emperor (*Lethrinus lentjan*) and its shelf life extension. Presented in the International Symposium on Environmental Risk Assessment (ISERA 2011) held at Unit of Toxicology, Department of Zoology, School of life Sciences, Bharathiar University, Coimbatore from 17th to 19th October 2011.
12. GROSS RADIOACTIVITY IN RIVER SEDIMENTS AND BIOTA OF KANYAKUMAI DISTRICT, National Conference on Aquatic Animal Health and Management, Annamalai University, Parangipettai, September 14-15, 2012.
13. GROSS ALPHA AND BETA ACTIVITIES IN RIVER SEDIMENTS OF KANYAKUMARI DISTRICT, State Level Seminar on Recent Trends in Chemistry, Government Arts College, Chidambaram, September 13-14, 2012.
14. RADIOACTIVITY MEASUREMENTS IN RIVER SEDIMENTS AND AQUATIC ORGANISMS OF KANYAKUMARI DISTRICT. UGC sponsored National Seminar on Current perspectives in

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Biological Sciences, Rajah Serfoji Government college (Autonomous), Thanjavoor, October 11-12, 2012.

15. RADIOACTIVITY IN VEGETABLES COLLECTED FROM A HIGH BACKGROUND RADIATION AREA IN SOUTH WEST INDIA. National Symposium on Newer Horizons in Chemistry, Manonmaniam Sundaranar University, Tirunelveli, March 9, 2012.

16. ²¹⁰PO ACTIVITY IN RIVER SEDIMENTS OF KANYAKUMARI DISTRICT. 10th IAAM National Conference on Exploring the Potentials of Microbes for Bioscience, Biotechnology & Medicine, S.R.M university, Chennai, December 17-18, 2012.

17. ASSESSMENT OF HEAVY METAL CONCENTRATION IN RIVER SEDIMENTS OF KANYAKUMARI DISTRICT. KSCSTE sponsored National seminar on Role of Biochemistry & Biotechnolgy in prevention and management of life style disorders, St.Thomas College, Pala, Kerala, January 14-15, 2013.

18. ASSESSMENT OF ²¹⁰Po ACTIVITY CONCENTRATION IN RIVER SEDIMENTS OF KANYAKUMARI DISTRICT. Diamond Jubilee National Seminar on Recent trends in Nanoscience and Technology, Scott Christian College, Nagercoil, January 31, 2013.

19. NATURAL RADIOACTIVITY MEASUREMENTS IN MOLLUSCS IN RIVERINE ENVIRONMENT OF KANYAKUMARI DISTRICT. National Conference on Recent Advances in Chemical Sciences, University College of Engineering, Dindigul, February 20, 2013.

20. Khan, M.F., Shareef, Y.N., Sabu, K.S., 2022. Concentration of radionuclides in the yellowfin tuna (*Thunnus albacares*, Bonnaterre, 1788) from the southern coast of India. International Conference on Ecosystem restoration and environmental sustainability: Concerns and alternatives. IGCHEPS, University of Rajasthan, Jaipur. October 26-28, 2021,

21. Khan, M.F., Shareef, Y.N., Sabu, K.S., 2022. Radioactivity levels in a pond ecosystem of Ranipet District. International Conference on Ecosystem restoration and environmental sustainability: Concerns and alternatives. IGCHEPS, University of Rajasthan, Jaipur. October 26-28, 2021.

22. Khan, M.F., Shareef, Y.N., Sabu, K.S., 2022. Polonium-210 in edible molluscs collected from Kerala from the southern coast of India. International Conference on Ecosystem restoration and environmental sustainability: Concerns and alternatives. IGCHEPS, University of Rajasthan, Jaipur. October 26-28, 2021.

23. Khan, M.F., Shareef, Y.N., Sabu, K.S., 2022. Concentration of ²¹⁰Po in the blue mussel (*Mytilus edulis*, Linnaeus, 1758) from the southern coast of India. Proceedings of the International online conference on Environmental status of estuarine and coastal ecosystems in India. ECEI-2022. Department of Environmental Sciences, University of Kerala, 978-93-5607-582-5.

24. Khan, M.F., Shareef, Y.N., Sabu, K.S., 2022. CONCENTRATION OF ²¹⁰ Po IN THE INDIAN MACKERAL RASTRELLIGER KANAGURTA (CUVIER, 1816) FROM THE SOUTH-WEST COAST OF INDIA at the International Conference on Environmental Pollution and Health: Governance for a Sustainable future (ICEGSF), 22-24 November, University of Kerala.

5.6 List of Invited Talk

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Year	Title of the Talk	Nature of the Event	Place	Date
2021	Data Quality Assessment	International workshop on current trends in Biostatistics	Department of Zoology, IQAC, NMCC College, Marthandam	29th June 2021
2021	Session: Environmental Pollution and Monitoring	International conference on Ecotoxicology- Impacts, assessments, and mitigation	Dept. of Zoology, Lady Doak College, Madurai	16-17 September 2021

5.7 VIDWAN ID: 215582 <https://vidwan.inflibnet.ac.in/profile/215582>

5.8 Research Identification* (IF ANY)

Orcid ID http://www.orcid.org/0000-0002-8352-3725	Researcher ID http://www.researcherid.com/rid/AAR-6228-2020
SCOPUS ID http://www.scopus.com/authid/detail.url?authorId=23984730400	Google Scholar ID http://scholar.google.co.in/citations?user=https://scholar.google.com/citations?hl=en&user=pRST8q8AAAAJ

6 Any Other