

PROFILE

Name : Prof. M. Krishnan
Designation : Vice-Chancellor
Central University of Tamil Nadu
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Date of Birth : 12-06-1956



MAJOR FIELD OF STUDY

BIO-TECHNOLOGY

AREA OF SPECIALISATION

INSECT MOLECULAR BIOLOGY, SILKWORM BIOTECHNOLOGY

EXPERIENCE AS REGULAR VICE-CHANCELLOR

S. No.	University Name	University Type	Type	Date of Joining	Date of Relinquishing
1	Central University of Tamil Nadu	Central University	Regular	06.08.2021	Holding the Office
2	Madurai Kamaraj University	State (Govt.) University	Regular	02.01.2019	05.08.2021

EXPERIENCE OTHER THAN VICE-CHANCELLOR

S. No	University Name	Position Held	From	To
1	Central University of Rajasthan	Professor Department of Biochemistry	01.10.2016	31.12.2018
2	Bharathidasan University	Chairperson School of Environmental Sciences	2010	2016
3	Bharathidasan University	Professor and Head Department of Environmental Biotechnology	2003	2015
4	Bharathidasan University	Reader and Head Department of Environmental Biotechnology	2002	2003
5	Bharathidasan University	Reader Department of Biotechnology School of Life Sciences	1995	2002
6	Bharathidasan University	Senior Lecturer Department of Biotechnology School of Life Sciences	1994	1995
7	Bharathidasan University	Lecturer Department of Plant Science	1989	1994

MEMBERSHIP OF ACADEMIC / PROFESSIONAL BODIES

- Senate Member, Bharathidasan University, 2002 – 2016
- Coordinator, Bharathidasan University Business Development Cell (BDC), from 2002 – 2012
- Special Officer, Library, Bharathidasan University, from 2004 – 2006
- Chairperson, School of Environmental Sciences, Bharathidasan University, 2010 - 2016
- Coordinator, DST – PURSE Program Working Committee, from 2011 – 2016
- Syndicate member, Bharathidasan University, from March 2015 - 2016
- Dean, Academics, Central University of Rajasthan, from 2017 – 2018
- Coordinator, Department of Yoga, Central University of Rajasthan, from 2017 – 2018
- Dean (Accreditation, Ranking, Collaboration and Internationalization), Central University of Rajasthan in 2018
- Governing Council Member, Velammal College of Engineering and Technology, Madurai – 2021
- Advisory Council Member of SSER, Madras School of Social Work, Chennai - 2021

- Academic Council Member, Indira Gandhi National Open University, New Delhi – 2021
- Member of Expert Committee to frame guidelines on innovative pedagogical approaches, UGC, New Delhi - 2021
- Member for Content Creation for Reframing / Restructuring of the scheme / mechanism of the Capacity Building, UGC – 2022
- Nominee of Consortium of the ‘Board of Management’, EMMRC, Osmania University, Hyderabad – 2023
- Nominee of Consortium of the ‘Board of Management’, EMMRC, Anna University, Chennai – 2023

MEMBERSHIP IN SCIENTIFIC SOCIETIES

- Royal Entomological Society, London, UK
- Sericulture Commission, France
- Japanese Entomological Society, Japan
- Association for Advancement of Entomology, India
- Invertebrate Reproduction & Development, USA
- Ethological Society of India, India
- DIVERSITAS in the Western Pacific and Asia, Japan

POSITIONS HELD IN INTERNATIONAL INSTITUTES

He visited several countries worldwide including UK, Hungary and Germany to conduct collaborative research programs. The positions held by Prof. M. Krishnan at various International Institutes are

- Exchange Visiting Scientist, DST – DAAD Award, Germany, 2011
- Exchange Visiting Scientist (Senior), INSA Exchange Programme, University of Munster, Munster, Germany, 2010.
- Exchange Visiting Scientist, Hungary Research Stay Fellowship, Hungary, 2009.
- Visiting Research Fellow, ESRC Genomics, University of Edinburgh, UK, 2008.
- Exchange Visiting Scientist, Indo - UK collaborative project, UK, 2007.
- Common-Wealth Fellow, University of Exeter, Falmouth, UK, 2006-2007.
- Visiting Scientist (Junior), INSA Exchange Programme, Department of Biochemistry, Okayama University of Science, Japan, 1992 – 1993

DISTINCTION / AWARDS OBTAINED

1. **Indian National Science Academy (INSA) Young Scientist Award** to visit Japan for six months to study “Molecular Techniques and its application” in the Department of Biochemistry, Okayama University, Japan under bilateral exchange program, 1992-93.
2. **Czech Academy Fellowship Award** for four months by Czech Academy of Sciences, Czech Republic to have higher training on "Silk gene expression studies in *Galleria mellonella*" under Prof. F. Sehnal, Entomological Research Institute, Czech Academy of Sciences, Czech Republic, 1994.

3. Elected as a **Fellow of Royal Entomological Society of London**, 1992-93.
4. **Award of USD 2000 from International Foundation for Science, Sweden** to present the results obtained in International Foundation of Science Project in the International Conferences held at the Netherlands and Czech Republic, 1998.
5. **UGC Cultural Exchange Award** to visit Finland to study about Prostate Cancer and Gene Expression for 3 weeks under Indo-Finnish Fellowship, 2001.
6. **Tamil Nadu Government Scientist (TANSA) Award**, 2003.
7. Elected fellow to nominate **Scientist for Japan Price** for the renowned Scientists of the world, Japan, since 2003.
8. **Regional Secretary, Society for Invertebrate Reproduction & Development**, US, since 2003.
9. **Nominated as a Monitoring Committee Member for Tamil Nadu State Transport Corporation**, Salem, 2005.
10. **Common Wealth Fellowship Award** to study the Expression of Vitellogenin Gene in Silkworm *B. mori* at United Kingdom for 6 months, 2006-2007.
11. **Visiting Fellow at ESRC Genomics Policy & Research Forum** at the University of Edinburgh 2008.
12. **Project Assessment Committee member, Task force committee member and member of expert**, DST, Government of India.
13. **Project Evaluating Member**, Central Silk Board, Government of India.
14. **Elected as Vice President** for the Society of Science and Environment, Jalgaon, 2007-2008.
15. **Elected as Fellow** of Society for Science and Environment, Jalgaon, 2008
16. **Nominated as an Assessor by NAAC**, Bengaluru, 2008.
17. **Nominated as a Member, Scientists Expert Committee** for R & D of TN Universities Government of Tamil Nadu (Higher Education Department), Tamil Nadu, 2008.
18. **Elected as President** for the Society of Science and Environment, Jalgaon, 2008 – 2009.
19. **Member, Selection Committee** for the Appointment of Professors, Associate Professors and Assistant Professors and Principals in various Universities and Colleges.
20. **Member, UGC expert committee** for the evaluation of Major Research Projects, 2009.
21. **Coordinator**, Fund for Improvement of S&T Infrastructure in Higher Educational Institutions (DST FIST), since 2009.
22. **Member to Review the Projects submitted** to Kerala Science & Technology, Kerala, 2011.

23. **Coordinator**, UGC Innovative Programme, since 2011.
24. **Nominated as a member in the Purchasing Committee** of Bharathidasan Institute of Technology, Anna University, Chennai, 2012.
25. **Coordinator** DST PURSE Program Bharathidasan University, 2012.
26. **Nominated as a member in the Research Committee**, Gandhigram Rural University, Gandigram, Dindigul, 2013.
27. **UGC BSR-Scheme- one –time grant awardee**, 2013.
28. Certificate of appreciation in NANOBIO, 2013, Collaborative International Conference, 2013.
29. Nominated by ISRD as an **Organizing Secretary** to conduct the conference on Invertebrate Reproduction and Development in India, during 2016.
30. **Member**, UGC Expert Committee in examining Shoolini University (Private University), Solan (Himachal Pradesh), 2013.
31. **Expert Member** in Kerala Biotechnology Education Expert Committee, Kerala, 2013.
32. Awarded, UGC - BSR Fellowship in 2016
33. Awarded “Hon Fellowship Award” by “Association of Biotechnology and Pharmacy” on 16.12.2022.
34. UGC nominee for the selection of Vice Chancellor.

OTHER SIGNIFICANT ACHIEVEMENTS

ACADEMIC ACHIEVEMENTS COURSES TAUGHT

- Sericulture
- Cell and Molecular Biology
- Recombinant DNA Technology
- Environmental pollution and Restoration
- Genomics & Proteomics
- Research Methodology
- Developed a Unique programme on “Environmental Genomics” supported by UGC (One crore)

INFRASTRUCTURE CREATED

- He has developed a state-of-the-art laboratory by his own projects.
- His lab is equipped with almost all sophisticated instruments need for research in Molecular Biology, Proteomics and related subjects.

- He has created Smart Class Room facility, Conference Hall with Video Conference facility, Library with recent books related to Life Sciences and major Research Journals.

SUMMARY OF RESEARCH CONTRIBUTIONS

- Research Projects Completed : 15

GRANTS RECEIVED (CRORE)

- As Coordinator : 12.25
- As Principal Investigator : 2.42
(Includes DST / UKIERI Project)
- Workshops / Conference Organized : 13

RESEARCH GUIDANCE

- Number of Ph.D. Students awarded : 24
- Number of Current Ph.D. Students : 1
- Number of Post-Doctoral Students guided : 4
- Number of Kothari Post-Doctoral Students : 3
- Number of DST Young Scientist Award : 1
- Number of M.Phil. Students Awarded : 23
- Number of Students trained in the Laboratory : 150

PUBLICATIONS

- Number of Publications in Journals : 198
- Number of Book Chapters Written : 8
- Number of papers presented in Conferences : 75
- Number of Books Written : 2
- H-index (SCOPUS; Google Scholar) : 23
- Patent : 2
- Animal Discovered : 1
- Countries Visited : 23 (number of visits 33)

COURSES INTRODUCED

- M.Sc., Eco Biotechnology – 2003
- P.G. Diploma in Environmental Genomics (2010 onwards under the support of UGC innovative program)

INVITED PROFESSORSHIPS

- Invited as a Professor by ESRC Genomics at University of Edinburgh, Edinburgh, UK to Enlighten the Bioethics and Environmental Ethics for six weeks.
- Invited as a Research Scientist by Department of Entomology Czech Republic, to study the Silk gene expression for four months.

COUNTRIES VISITED

COUNTRIES	YEARS	PURPOSE OF THE VISIT
Singapore	1987	Paper Presentation
	1993	Paper Presentation
	1995	Paper Presentation
	2002	Paper Presentation
Malaysia	1987	Paper Presentation
	2012,2014	Paper Presentation
Philippines	1987	Paper Presentation
USA	1989,2014	Paper Presentation
Japan	1992 – 1993	INSA Young Scientist Award
Hong Kong	1993, 1995	Paper Presentation
Czech Republic	1994	Czech Academy Fellowship Award
	1998	To present the IFS project Report
China	1995	Paper Presentation
France	1996	Paper Presentation
Greece	1997	Paper Presentation
The Netherlands	1998	Paper Presentation
Germany	1998	
	2010	INSA Exchange Award
	2010 & 2011	DST DAAD Project
Cape Town, S. Africa	2001	Paper Presentation
Helsinki, Finland	2001	Indo-Finnish Fellowship
Thailand	2002,2015	Paper Presentation
	2004	Paper Presentation Common
United Kingdom	2006-2007 (Six Months)	Wealth FellowshipESRC
	2008	Genomic Policy
	2009	DST –UKIERI Project
	2011	DST – UKIERI Project
South Korea	2005	Paper Presentation
Hungary	2009	Hungarian Research Stay Fellowship
Vienna, Austria	2009	University Collaborative visit
Chicago, USA	April 2020	Special Invitee for the Tamil
		Conference
Australia	August 2023	FICCI Higher Education Delegation
Seoul, Republic of Korea	September 2023	Invited as a Honored Guest to the 9 th Annual HWPL World Peace Summit

SIGNIFICANT CONTRIBUTIONS

AT THE SCHOOL LEVEL AND UNIVERSITY LEVEL

Projects & Grants received / Funds generated in the University

- Coordinator Level – 5 Numbers – 12.25 Crores
- Principal Investigator – 13 Numbers – 2.35 Crores

AS COORDINATOR

- (UGC - X Plan), Formation of Department of, Environmental Biotech – 2002 - (1 Reader, 2 Lecturer) Rs.30,00,000/-
- DST – FIST – 2008-2013 – Rs.35,00,000/-
- UGC - Non SAP - 2009 – 2013 – Rs. 60,00,000/-
- UGC – Innovative - 2011 – 2016 – Rs.1,00,00,000/-
- DST- PURSE – 2011-2016 – Rs.10,00,00,000/-

PATENT REGISTERED

- PATENT Ref. # 1920/CHE/2005 date 26/12/05. Hydrolyzed P-Soyatose supplementation in silk and seed production of silkworm and Analysis of hemolymphproteins by SDS-PAGE.
- In the field of invention "Bio-Medical Engineering" with publication number "44/2020" and entitled "Diagnosis and Quantification of Covid-19 Employing Lab-on-Chip Technology"

CONTRIBUTION TO THE SOCIETY

The result obtained in the National Sericulture Project was examined by the Central Silk Board, Bangalore and implement the same to the Sericulture farmers.

EDITORIAL BOARD – JOURNALS

- African Journal of Biotechnology
- International Journal of Biochemistry and Biotechnology International Journal of Agricultural Sciences
- Asian Academic Research Journal of Multidisciplinary International Journal of Microbiology
- International Journal of Entomological Research Asian Research Journal
- American Chemical Society Journal of Proteomics
- Universal Journal of Biotechnology & Bioinformatics Journal of Applied Biochemistry & Biotechnology

BOOKS WRITTEN

- S. Anbalagan, S. Dinakaran and M. Krishnan (2011) Black flies of South India. APH Publishing Corporation, New Delhi (ISBN 978-81-313-1163-9).
- S.Kannan, M.Krishnan, R.Tirumurugan and S.Achiraman (2011). Methods in Molecular Biology(From cells to Molecules). UNVP Publishers, Tamil Nadu, India.