



Dr. SIVA PRASAD M. S.
Assistant Professor

OBJECTIVE

A career devoted to teaching, research and progression through the pursuit of knowledge; thus to be able to contribute to the development and uplift of society.

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RESIDENCE

Meppully Thazhath House,
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Thrissur- 680306,
Kerala, India.

OFFICE

Assistant Professor,
M.Sc. Forensic Science programme,
Administration Block,
Kerala Police Academy,
Ramavarmapuram,
Thrissur- 680631,
Kerala, India.



TEACHING & RESEARCH EXPERIENCE

Three year experience in teaching. Now working as the Assistant Professor, M.Sc. Forensic Science programme (Department of Life Sciences, University of Calicut), Kerala Police Academy, Thrissur, Kerala, India (17.09.2019 till date).

Former Assistant Professor, Department of Applied Microbiology & Forensic Science, St. Joseph's College (Autonomous), Irinjalakuda, Thrissur, Kerala, India (19.12.2018 to 16.09.2019).



ADMINISTRATIVE EXPERIENCE

Co-Principal Investigator, Radox Toxicology Pvt. Ltd, United Kingdom, Research Project.

Member, Board of Studies in Forensic Science, University of Calicut, Kerala, India.

Member, Board of Studies in Criminology, University of Calicut, Kerala, India.

Invited member, Board of Studies in Forensic Science, Cochin University of Science and Technology, Kerala, India.

Member, Board of Studies in Zoology, St. Joseph's college (Autonomous). Irinjalakuda. Thrissur. Kerala. India.



EDUCATIONAL QUALIFICATION

Ph.D. in Zoology- June 2019- Department of Zoology, University of Calicut, Kerala, India; Thesis on "Effect of adverse childhood experiences and occurrence of uVNTR polymorphism in monoamine oxidase A gene in recidivist violent offenders: Forensic implications".

University Grants Commission's Junior Research Fellowship (JRF) in Forensic Science- December 2011

Master of Science (M.Sc.) in Forensic Science – August 2012- LNJNI National Institute of Criminology & Forensic Science, Ministry of Home Affairs, Govt. of India, Delhi, India. (Specialization in Forensic Biology, Serology & DNA Profiling)

Bachelor of Science (B.Sc.) in Medical Microbiology – August 2009- Centre For Health Sciences, University of Calicut, Thenjipalam, Kerala, India.



ONGOING RESEARCH PROJECT

Psychoactive substances consumption among drivers: Kerala, India based study (2020-21) - Funding agency- Radox Toxicology Pvt. Ltd, United Kingdom. Outlay- Rs. 60, 000, 00/-.



PERSONAL PROFILE

Age and date of birth	: 33 Years, 08.03.1988
Sex	: Male
Nationality	: Indian
Marital status	: Married
Name of Father	: Sankaranarayanan M.R.



RESEARCH PUBLICATIONS (2010-2020)

1. Rebello, Sharrel, **Prasad M.S.S.**, A.N, Anoopkumar, Narisetty, Vivek, Raveendran, Sindhu, Parameswaran, Binod, Pugazhendhi, Arivalagan, Pandey, Ashok. (2021). Cleaner technologies to combat heavy metal toxicity. *Journal of Environmental Management*, 296. **IMPACT FACTOR: 6.79**
2. **Prasad, M. S. S.**, Vardhanan, Y. S., Prabha, S. S., Joseph, J. K., & Aneesh, E. M. (2020). MAOA-uVNTR polymorphism in male recidivist violent offenders in the Indian population. *Archiwum Medycyny Sądowej i Kryminologii/Archives of Forensic Medicine and Criminology*, 70. **IMPACT FACTOR: 0.33**
3. Anoopkumar, A. N., **Prasad, M. S. S.**, Rebello, S., CF, Sini, Francis., & Aneesh, E. M. (2021). An assessment of ITS rDNA PCR-based molecular identification, and characterization of fungal endophytes isolated from *Hypericum japonicum*. *Plant Biosystems-An International Journal Dealing with all Aspects of Plant Biology*, 1-4. **IMPACT FACTOR: 2.84**
4. Aneesh, E. M., Anoopkumar, A. N., **Prasad, M. S. S.**, & Rebello, S. S. (2021). A Phylogenomic and Evolutionary Perspectives of COVID-19. *Journal of Communicable Diseases (E-ISSN: 2581-351X & P-ISSN: 0019-5138)*, 53(1), 78-81.
5. **Prasad, M, S, S.**, & Vardhanan, Y, S, S. (2018). Evaluation of efficacy of collection techniques for human genomic DNA: MAOA-uVNTR polymorphism. *International Journal of Scientific Research in Biological Sciences*, 5(3), 6-11.
6. **Prasad, M, S, S.**, Joseph, J, K., Prabha, S, P, S., & Vardhanan, Y, S, S. (2016). Genetics of Recidivistic Violent Behaviour: A Review. *International Journal of Science and Research*, 5(11), 1770-1779. DOI: 10.21275/ART20163241.

CHAPTER IN BOOK WITH ISBN

Siva Prasad M. S., and Y. Shibu Vardhanan (2017). Violence and antisocial behaviour: Gene- Environment interaction (In regional language, Malayalam); Suresh Puttanparambil. (ed.) Malayla Aikyavedhi, Kalathargini, Cheruthuruthi, Kerala. ISBN:978-81-928620-1-9.

INVITED TALK

'Recidivism and Genetics', Annual State level seminar on Correctional Administration conducted by Kerala Prisons Department, Govt. of Kerala at Thiruvananthapuram on 23rd & 24th January, 2015.



PROFESSIONAL TRAINING

- Undergone ten days training in the Biology, Serology & DNA Fingerprinting division of Forensic Science Laboratory, NCT, Delhi.
- Undergone one month training in all divisions of Forensic Science Laboratory, Thiruvananthapuram, Kerala, India.
- Undergone one month training each in Microbiology Department of Tellicherry Co-operative Hospital, Kannur, Kerala, India and West Fort Hi-Tech Hospital, Pukunnam, Thrissur, Kerala, India.



FIELD OF INTEREST

- Molecular and environmental mechanism of aggression, violence and anti-social behavior.
- Forensic behavioral genetics.
- Forensic biology, serology and DNA profiling.
- Crime Scene Investigation.



MEMBERSHIP IN PROFESSIONAL ORGANIZATION

Founder, Life-time member & Secretary (2013-2021) - Indian Criminology & Forensic Science Association.www.icfsa.in



CONFERENCES/ SEMINARS/ WORKSHOPS ORGANIZED

1. Organizing Secretary, 'International Seminar on Criminology & Forensic Science' on 15th and 16th December 2017 at the EMS Semianr Complex, Calicut University, Kerala, organized by the Department of Law, University of Calicut and Indian Criminology & Forensic Science Association.
2. Joint Organizing Secretary, 'National Seminar on Advancements of Forensic Science & Its Challenges in Criminal Justice' on 3rd and 4th January 2019 at St. Thomas College, Thrissur, Kerala, organized by the Research & Post-Graduate Department of Zoology, St. Thomas College (Autonomous), Thrissur, Kerala and Indian Criminology & Forensic Science Association.
3. Co-Organizing Secretary, 'National level hands on workshop on cyber forensics & crime investigation' on 11th and 12th July 2019 at St. Joseph's College, Irinjalakuda, Thrissur, Kerala, organized by the Department of Applied Microbiology & Forensic Science, St. Josphe's college (Autonomous), Irinjalakuda, Thrissur, Kerala.
4. Programme Co-ordinator, 'Handson workshop on Application of FOLDSCOPE in CSI' on 23rd October 2019 at the Kerala Police Academy, Thissur, Kerala, organized by the Research & Publication Wing (KEPA), M.Sc. Forensic Science programme, University of Calicut in collaboration with Communicable Diseases Research Laboratory, Department of Zoology, Josphe's college (Autonomous), Irinjalakuda, Thrissur, Kerala.
5. Member- Organizing Committee, '1st Police Science Congress, Kerala Police Academy' on 10th and 11th November 2019 at the Kerala Police Academy, Thrissur, Kerala.
6. Organizing Secretary, 'National workshop on Emerging trends in Forensic Sciences' on 4th January 2020 at the Kerala Police Academy, Thrissur, Kerala.
7. Member- Organizing Committee, '2nd Police Science Congress, Kerala Police Academy' conducted through virtual platform on 22nd and 23rd October 2020 at the Kerala Police Academy, Thrissur, Kerala, organized by the Kerala Police Academy in collaboration with the National University of Advanced Legal Studies (NUALS), National Institute of Technology (NIT)

Calicut, Kerala University of Health Sciences (KUHS), and Cochin University of Science and Technology (CUSAT), University of Calicut and Mahatma Gandhi University.

8. Organizing Secretary, 'International Webinar Series- 2020' on 26/05/2020, 27/05/2020, 28/05/2020, 29/05/2020, 30/05/2020, 30/05/2020, 05/06/2020, 08/06/2020, 11/06/2020, 15/06/2020, 18/06/2020, 24/06/2020, 27/06/2020, 28/06/2020, 04/07/2020, 05/07/2020, 06/07/2020, 11/07/2020 (11 AM), 11/07/2020 (03 PM), 17/07/2020, 18/07/2020, 21/07/2020, 11/09/2020, 30/11/2020, 30/12/2020 organized by the M.Sc. Forensic Science programme, University of Calicut, Kerala Police Academy in collaboration with Indian Criminology & Forensic Science Association.
9. Organizing Secretary, 'Five-day virtual workshop on Next-Generation Forensics' on 11th and 15th January 2021, organized by the M.Sc. Forensic Science programme, University of Calicut, Kerala Police Academy.



EXTRA-CURRICULAR ACTIVITIES

- Have won many prizes in sports, both in school and university levels.



STRENGTHS

- Responding flexibly and positively to changes.
- Adaptive personality.
- Open to feedbacks, willing to analyse and make changes accordingly.
- Honest, sociable, friendly and well disciplined.
- Hardworking and willing to take on new responsibilities and responds to it with good initiative.
- Able to form good working relationships.
- Good communication skills, confident and effective team player.