

BIO-DATA

Lt. K. THANGA MALAR

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PROFESSION OBJECTIVE

Position as an assistant professor providing opportunity to make a strong contribution by utilizing and expanding upon related education, skills, experiences, capabilities, enthusiasm, energetic attitude, presentation skills and performance regularity.

EXPERIENCE

- Having over 5 year and 2 months as an Associate NCC Officer in K.S.R College of Arts and Science for Women, Tiruchengode from 04.12.2017 to 28.02.2023

EDUCATIONAL QUALIFICATION

Course	Institutions	University /Board	Period of Study	Percentage
M.Phil (Statistics)	Bharathiar University, Coimbatore.	Bharathiar University	2016-2017	70%
M. Sc (Statistics)	PSG College of Arts and Science, Coimbatore.	Bharathiar University	2014-2016	70%
B. Sc (Statistics)	Government Arts College, Udumalpet.	Bharathiar University	2011-2014	71%
HSC	Municipal Girls Higher Secondary School, Pollachi	State Board	2009-2011	79%
SSLC	Government High School, D. Kalipalayam	State Board	March 2009	71%

TECHNICAL SKILLS

- Programming Languages : R, SPSS, SYSTAT, MINITAB, MATLAB, LaTeX
- Database : MS Access,
- Typing : English Lower with Distinction

ROLE

- Associate NCC Officer, KSRCASW, 11(TN) Sig. Coy NCC Salem
- UBA Coordinator
- NSS Coordinator from June 2017 to August 2019.
- Develop and implement innovative instructional methods.
- Develop professional logistics to improvise student performance.
- Guide, lead and mentor student academic progress.
- Serve and support functional activities of departmental committees.
- Assist and support senior professors in their day-to-day tasks and functions.

ACHIEVEMENTS

- Received **OUTSTANDING ANO** from Commodore Atul Kumar Rastogi, DDG, TN, P & AN and Col LCS Naidu, Group commander, Coimbatore Group on 02 Aug 2022 at Sri Ramakrishna College of Arts & Science, Coimbatore.
- Completed 90 days PRCN Course at OTA Gwalior with “B” Grade from 08 Feb 2021 to 07 May 2021,
- Received **Best in Firing and Drill** certificate in PRCN Course.
- Produced 100% result in Inferential statistics, Statistical methods and Applied Statistics from 2018 to 2023.

CREDITS IN NCC

- Conducted TSC selection at KSR College Arts and Science for Women, Tirchengode from 22 - 31 May 2023.
- Conducted Blood Donation Camp on 22 Nov 2022 with Collaboration of 11(TN) Sig.Coy NCC Salem and KSR CE, Tiruchengode.
- Act as a Contingent Escort for EBSB – I CAMP held at NTA, IDAYAPATTI from 24 Aug 2022 to 04 Sep 2022.
- Escort duty for Group level selection for IGC RDC – 2022 at Hindustan College of Engg and Tech, Coimbatore from 26 Jul to 04 Aug 2022 conducted by 2 (TN) CTC NCC, Coimbatore.
- Escort duty for CATC-CUM-TSC training – I for SD & SW ANOs and SD/SW NCC cadets at KSR College of Engineering, Tiruchengode from 21 May 2022 to 30 May 2022.

- Escort duty for CATC-II Cum Inter Group Shooting Competition at Kongu Engg College, Perundurai from 20 Apr 2022 to 29 Apr 2022.
- Act as a Board member for NCC 'B' CERTIFICATE EXAMINATION for the year 2021-2022 on 12 Mar 2022 and 13 Mar 2022 at Govt Engg College, Karuppur, Salem.
- Conducted CATC-Cum-TSC Camp for all wing NCC Cadets for the period of 10 days from 15 May 2022 to 24 May 2022

WORKSHOP/SEMINAR & FDP

- Participated in the Faculty Development Program on Time Series Analysis in Financial Research 2022.
- Participated in the Three Days International Virtual Workshop on Mathematical Techniques in Fluid Dynamics 2022
- Participated webinar on Application of SPSS 2022
- Participated in the Training Programme on “First Hand Experience on SPSS – Introductory Module” organized by Research Foundation of India, JHERF & Academic Research Guide Association on 05th – 11th July 2021.
- Participated in the Six days National level webinar on “Recent Trends in Mathematics” organized by PG department of mathematics and IQAC, Annai College of Arts & Science, Tiruchirappalli on 23 – 28th June 2021.
- Participated in the Seven day National Level FDP on “Multi-Dimensional Approaches to Research in Social Science” organized by the PG Department of Commerce, KSR College of Arts and Science for women, Tiruchengode on 16th – 26th June 2021.
- Participated in Six day Online workshop on “Innovative Techniques for Statistical data analysis Using R programming” organized by department of Mathematics, CSE & IT, K.S.Rangasamy College of Technology, Tiruchengode from 31st May to 05th June 2021.
- Participated in the Webinar on “In-build Quality – The Differentiator” Organised by Sri Eshwar College of Engineering, Coimbatore on 11th August 2020.
- Participated in the Webinar on “Health and Wellness” organized by NSS, RRC, Sri Sarada College for Women, Salem on 30th July 2020.
- Participated in the National level Webinar on “E-Resources of Mathematics” organized by KSR College of Arts and Science for Women on 28th July 2020.

- Participated in the Three day FDP on “Combating Pandemic : A synergy of Literature and Wellness” organized by Nirmala College for Women, Coimbatore on 26th -28th July 2020.
- Participated in the Three day International Webinar on “Language and Literature” organized by Srimadandavan Arts and Science College, Tiruchirappalli on 21st July 2020.
- Participate in the Online Awareness programme on “Patenting Practices in India” organized by Idhaya Engineering College for Women, Chinnasalem on 18th July 2020.
- Participated in International level Webinar on “Emotional Intelligence to Knockdown the Lockdown Stress” organized by Easwari Engineering College, Chennai on 17th July 2020.
- Participated in the Webinar on “Opportunities for freshers in the Data Analytics Industry” organized by KSR College of Arts and Science, Tiruchengode on 17th July 2020.
- Participated in the Webinar on “Women’s Empowerment and Gender Sensitization during COVID-19” organized by Rathinam College of Arts & Science and BPS in Association with Women’s Studies, Bharathiar University, Coimbatore on 16th July 2020.
- Participated in the One Week FDP on “Evolution of IoT and It’s Real Time Applications” organized by Malla Reddy Institute of Technology and Science on 13th -17th July 2020.
- Participated in the International Webinar “ELITE 2020 series –I” on “Present and Future of Robotics-Opportunities and Issues” Present by Dr.Fabio P.Bonsignorio, CEO Heron Robots, Italy on 11th July 2020.
- Participated in the Webinar on “Role of Technologies in Rural areas for Skill development livelihood for Atmnirbhar Bharat” organized by State Project Implementation Unit (SPIU – UP), Dr. APJ Abdul Kalam Technical University, Lucknow, Unnat Bharat Abhiyan and The Institution of Engineers on 16th June 2020.
- Participated in the Webinar on “Effective way of writing scholarly article” organized by Muthayammal College of Arts & Science, Rasipuram on 12th June 2020.
- Participated in the Webinar on “Mobile App Development” organized by Dr.M.G.R Educational and Research Institute on 09th June 2020.

- Participated in a 3-day FDP on “Computer Vision using Convolutional Neural Networks” organized by ANURAG University & Blackbucks on 08th – 10th June 2020.
- Participate in the Six days FDP on “Emerging trends and Advancements in Communication Systems – An Industrial Approach” organized by SRM Institute of Science & Technology, Chennai on 6th -12th June 2020.
- Participated in Online Webinar on “Research Scopes on Metal Additive Manufacturing” organized by Sri Ramakrishna Institute of Technology, Coimbatore on 06th June 2020.
- Participated in the Webinar on “Principal Component Analysis” organized by KSR College of Arts and Science for Women, Tiruchengode on 30th May 2020.
- Participated in the Online National Webinar on “Data analysis and Statistical Computing” organized by Institute of Social Sciences, Dr. Bhimrao Ambedkar University, Agra on 27th May 2020.
- Participated in the One day International Conference on “Pandemic Pedagogy in Higher Education of COVID-19” organized by Bharathiar University and Sikkim University, India on 13th May 2020.
- Participated in 2 days FDP on “Statistics for Data Science” organized by Hindusthan Institute of Technology, Coimbatore on 29th -30th May 2020.
- Participated in the Webinar on “Mathematical Documentation and Computation using Online Tools” organized by St. Mary’s College, Thoothukudi on 28th – 29th May 2020.
- Participated in the Webinar on “Introduction to Design of Experiments” organized by Arasu Engineering College, Kumbakonam on 27th May 2020.
- Participated in “Know the Talent Race” presented by Ramesh Kumar SN-Head HR from XERAGO on 26th May 2020.
- Participated on International Webinar on “Computer vision vs Human Vision” organized by K.S.Rangasamy College of Arts and Science, Tiruchengode on 23rd May 2020.
- Participated in the Webinar on “Professional Development Programme – Research Indicators” organized by P.K.R Arts College for Women, Gobichettipalayam on 21st May 2020.

- Participated in 5-days FDP on “Artificial Intelligence and Machine Learning” organized by CMR Technical Campus, Hyderabad on 18th – 22nd May 2020.
- Participated in the Webinar on “Secrets to Get Unshakeable Confidence” organized by Easwari Engineering College, Chennai on 16th May 2020.
- Participate in the Online FDP on “Motivation to Create Interest in Mathematics” organized by A.V.P College of Arts and Science, Coimbatore on 14th May 2020.
- Participated in the National level Webinar on “Applications of Stochastic Processes” organized by Annai College of Arts & Science, Tiruchirappalli on 12th May 2020.
- Participate in the 5-day Online Workshop on “R for Basic Statistics” organized by Kumaraguru College of Technology, Coimbatore on 11th – 15th May 2020.
- Participate in 5 days Online Workshop on “Mathematical Sciences for CSIR-NET/SET/GATE” organized by Sree Narayana Guru College, Coimbatore on 11th - 15th May 2020.
- Participated in Webinar on “Virtual and Augmented Reality in Industry 4.0” organized by Vivekanandha College for Women, Tiruchengode on 07th May 2020.
- Participated in One day Online FDP on “Research Methodology – Methods & Best Practices” organized by Santhiram Engineering College, Nandyal on 07th May 2020.
- Participated in the Webinar on “Gamification Tools in Teaching” organized by St. Xavier’s College for Women, Aluva on 07th May 2020.
- Participated in the Online FDP on LaTeX organized by G.Venkataswamy Naidy College and Spoken Tutorial Project, IIT Bombay from 30th April to 04th May 2020.
- Participated in One day Online FDP on Machine Learning organized by Santhiram Engineering College, Nandyal on 02nd May 2020.
- Participate in a 10 days free Online Workshop for Teachers organized by Universal Teachers Academy, Puducherry on 21st -30th April 2020.
- Participated in the Online FDP on Cyber Security organized by Vels Institute of Science, Technology and Advanced Studies with Indian Servers on 20th April 2020.
- Participated in the Faculty Development Program for “Global Business Foundation Skills” Conducted by Infosys BPM Ltd at Chennai from 29th May to 06th June, 2018
- Participated in National workshop on “Data Analytics with R and Python” conducted by Bharathiar University, Coimbatore on 23-24th March 2017.
- Participated in the “National workshop on Data Science” conducted by Bharathiar University, Coimbatore on 16-17th March 2017.

- Participated in the workshop on “Career Development in Statistics” conducted by Bharathiar University, Coimbatore on 30-31st February 2017.
- Participated in the UGC Sponsored National Conference on Present Scenario in Statistical Research & Applications (NCPSSRA-2017)” in PSG College of Arts & Science on 10-11th February 2017.
- Participated in the UGC Sponsored one day workshop on Research Tools and Techniques using SPSS package on 29th November 2016.

PAPER PRESENTED AND PUBLISHED

- Presented a paper entitled “The Role of Confidence Interval in Statistical Inference” at Kunthavai Naacchiyaar Government Arts College for Women Thanjavur, on 2023.
- Presented a paper entitled “An over of Robust Regression for High Dimensional” on APPLIED MATHEMATICS AND DATA SCIENCE, Volume 2, Year 2022, Pages 16-23 Financial Awareness Program on 2022
- Presented a paper entitled "Capital Market in India" at KSR College of Arts and Science for Women, Tiruchengode during September 2019.
- Presented a paper entitled "The Impact and Opportunities of E - Tutoring in a challenged Socio Economic Environment" at KSR College of Arts and Science for Women, Tiruchengode during December 2019.
- Presented and published a paper titled “CRS: Critiques of Robust Statistics” in Fourth International Seminar –TEM 2018, ISBN: 978-0-359-26035-5, Vol.No:1, Pg.no: 148-154.
- Presented and published a paper titled “Robust Canonical Correlation Analysis : MCD Approach” in ICAAM-2018 (Scopus-UGC)
- Presented and published a paper titled “Robust approached on the Estimation of Correlation” in NCPSSRA-2017.

AREAS OF INTERESTS

- Statistical Inference
- Sampling
- Design of Experiments
- Robust Statistics
- Stochastic Process

PAPERS HANDLED

- Inferential Statistics
- Applied Statistics
- Business Statistical methods
- Mathematical Statistics
- Statistical Methods
- EDC: Statistics (M.Com CA)
- Advanced Business Statistics
- Bio Statistics
- Sampling Techniques
- Aptitude for Competitive Examination

DECLARATION

I do here by declare that all details given above are true to the best of my knowledge.

Place: Tiruchengode

Date: 21.04.2025

Signature

(THANGA MALAR K)