

CURRICULUM VITAE

S.MAHALAKSHMI

ASSISTANT PROFESSOR

Department of Mathematics

UCE – BIT Campus, Tiruchirappalli 620 024

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➤ **Research Area:**

- Differential Equations

➤ **Educational Qualifications:**

Qualification	College/University	Year of completion
Ph.D. (Differential Equations)	Bharathidasan University	
M.Phil.	Bharathidasan University	Sep2006
PG	Bharathidasan University	April2005
UG	Bharathidasan University	April2003
Others-B.Ed.,	TamilNadu Teachers Associations	June2009

Experience: (chronological order)

Name of Company / Institutions	Designation of Post	From	To	Experience in Year
University College of Engineering-Bit-Campus-Trichirappalli	Assistsnt Professor	Sep2009	Till date	13years

➤ **Additional / Academic Responsibilities at University:**

1. Class co-ordinators
2. Examiner
3. Invigilator
4. Conducted Workshop
5. Antiragging Committee Member

➤ **Membership of Scientific and Professional Societies:**

1. Ramanujam Mathematical Society
2. Indian Society for Technical Education

➤ **Publications:**

International Journals:

1. Existence of Periodic Solutions of Nonautonomous Predator-Prey Model with Beddington Deangelis Functional Responses and Time Delay.
ADVANCES IN MATHEMATICS SCIENTIFIC JOURNAL- 2021 (10) pg no. 2641-2652 (1857-8365)
2. Periodic Solutions for an Impulsive Predator Prey Model with Holling type Functional Response and Time Delays .
JOURNAL OF MATHEMATICAL COMPUTATIONAL SCIENCE- 2021 (6)pg no. 6683-6698 (1927-5307)

➤ **List of Seminar / Short Term Course /FDP/ Workshop organized:**

- Two days Workshop on Mathematike in Engineering 2013 , 03-12-2013&4-12-2013.

➤ **List of Seminar / Short Term Course /FDP/ Workshop attended:**

- Workshop (2010), "Writing up of Thesis and Publications" organized by
Department of English PSG TECH,Coimbatore,during 04.09.2010 to 05.09.2010.(2 Days)
- Seminar (2013), "Differential Equations and Applications" organized by
Department of Mathematics (Teqip sponsored), during 04.12.13 to 05.12.13.(2 Days)
- FDP (2013), "Recent Trends in Mathematics RTIM'13", organized by
Department of Mathematics (Teqip sponsored) during 16.12.13 to 22.12.13.(7 Days)
- Orientation Course (2014), " Orientation Programme ", organized by Academic Staff College
Bharathidasan University Trichirappalli, during 20.05.2014-16.6.2014 (28 Days)
- FDP (2015), "Emerging Trends in Mathematical Modeling and Simulation",
organized by Department of Mathematics, BIT Campus (Teqip sponsored),during 08.05.15
to 14.05.15. (7 Days)
- Workshop(2016) ," Probability and Random Process" organized by Department of
Mathematics,BIT Campus (Teqip sponsored), during 05.03.16 to 06.03.16.(2 Days)

- FDP (2016), “Recent Trends and Applications of Mathematics in Computing”, organized by Department of Mathematics, BIT Campus (Tegip sponsored), during 08.06.16 to 21.06.2016. **(14 days)**
- Workshop (2018), “Multivariable Calculus and Applications” ,organized by Department of Mathematics Bharathidasan University, Trichirapalli (DSTPURSE programme) during 08-03-2018 to 10-03-2018.**(3 days)**
- FDP (2018).”Introduction to Abstract and Linear Algebra ‘organized by Prof Andrew Thangaraj Nptel Coordinator IIT Madras(13/08/2018 to 23/10/2018)(**72 days**)
- FDP-(2018).” Ordinary And Partial Differential Equation And Applications “by .Prof Andrew Thangaraj Nptel Coordinator IIT Madras AICTE HRD (27-07-2018 to 23-10-2018) (**89 Days**)
- FDP (2019), “MA8151 Engineering Mathematics1” organized by Department of Mathematics,UCE-Dindigul(center for faculty development)during(17-6-2019 to 22-06-2019).(6days)
- One Day Webinar How to Convert Project into Patent 21-05-2020. Dr. GAJALAKSHMI UCE VILLUPURAM .
- Future Tech Webinar ‘Design the Thinking - Preparing The Mindset For Disruption 27-05-2020 to27-05-2020 Ramakrishnan.V Jeppiaar Institute Of Technology
- Research,Methodology and Teaching Aptitude 26-05-2020.Dr A Noor Mohamed PGand Research Department Of Commerce Thiruvalluvar University Vaniyambadi .
- Wise financial Planning for Faculty by Departmnt of EEE, Sri Venkateswara College of Engineering, Sriperumbudour ,Tamilnadu
- Open Educational Sources Knowledge Management and Organizational Culture In Libraries 29-05-2020 to 30-05-2020 Conducted by .S Rajeswarl & Dr V Thangaraj UCE BIT Campus Anna University Tiruchirappalli.
- Rajiv Gandhi Memorial Telecom Training Centre BSNL ,Trichy 01.06.2020 to19.06.2020 (19days)
- Workshop on Mathematical Analysis Organized by PG &Research Department of Mathematics,Loyala College,Chennai 8to 13 June2020.
- INTERNATIONAL FDP(2020) On Importance Of Mathematics In Science and Technology Online –GMR Institute Of Technology ANDHRA PRADESH(25/06/2020 to 29/06/2020) (5 days)

- Are You Master Of Your Adroitness (03-06-2020) Mr. Hari Kishen Saveetha Engineering College
- FDP- Advanced concepts for Developing Moocs from 02-17 July,2020 by Ramanujan College, University of Delhi , PMMMNMTT.
- Two week Refresher Course in Mathematics organized by Department of Mathematics, Ramanujan College, University of Delhi , PMMMNMTT(16-30March2021)(15 days).
- FDP Introduction to Queuing Theory ,Online (24/01/2022 to 15/04/2022) (82 days) SWAYAM ,NPTEL
- FDP ‘Inculcating Universal Human Values in Technical Education” organized by AICTE from 14th March to 18th March2022.(5days).
- Orientation Programme Faculty Induction, Online Ramanujan College, University of Delhi , PMMMNMTT (22/03/2023 to 20/04/2023)(30 days)
- Workshop on Calculus,Differential Equations and their Applications,organized by Department of Mathematics,UCE-BITCampus,Anna Univversity.Trichirappalli(17.02.2023).