

## CURRICULUM VITAE

**Dr. B. Sumithra**  
**Assistant Professor**  
**Department of Mathematics**  
**UCE – BIT Campus, Tiruchirappalli 620 024**  
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➤ **Research Area:**

- Differential Equation
- Numerical Analysis
- Singularly Perturbed and Stiff Differential Equations

➤ **Educational Qualifications:**

<b>Qualification</b>	<b>College/University</b>	<b>Year of completion</b>
Ph.D. (specialization)	Bharathidasan University	2017
M.Phil.	Madurai Kamaraj University	2003
M.Sc (Maths)	Holy Cross College / Bharathidasan University	2001
B.Sc (Maths)	Holy Cross College / Bharathidasan University	1999
PGDCA	LANN Computer centre / Bharathidasan University	2000

**Experience:** (chronological order)

<b>Name of Company / Institutions</b>	<b>Designation of Post</b>	<b>From</b>	<b>To</b>	<b>Experience in Year</b>
UCE, Anna University, BIT campus, Tiruchirappalli- 24	Assistant Professor	2009	Till Date	14 YEARS
Anna University, BIT campus, Tiruchirappalli-24	Lecturer	2008	2009	1 YEAR
(2006 -2008): Bharathidasan University, Tiruchirappalli-24	Guest Lecturer	2006	2008	1 YEAR 10 MONTHS

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

1. Department NBA Co-ordinator from 2012 November to till date.
2. Coordinator of SAP Water Management from 2020 August to till date.

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

1. ISTE - Indian Society for Technical Education
2. RMS - Ramanujam Mathematical Society

➤ **Publications:**

• **Books / book chapters:**

Book title : Transforms and partial differential equations ( Tamil )  
Publisher: Anna university, Trichy-24.

• **International Journals:**

9 PUBLICATIONS

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

- TEQIP Sponcered Two Days Seminar in Differential Equations And Applications, 4th & 5th Dec 2013.

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

- Faculty Development Programme on Transform Calculus And Its Applications In Differential Equations, Jan-April 2022 , NPTEL-AICTE
- Faculty Development Programme on Inculcating Universal Human Values in Technical Education, 20<sup>th</sup> to 24<sup>th</sup> Dec 2021, AICTE.
- Refresher Course in Statistics, 16<sup>th</sup> Mar to 30<sup>th</sup> Apr 2021, Teaching Learning Centre, Ramanujan College, University of Delhi.
- Faculty Development Programme on LaTeX, 10<sup>th</sup> to 14<sup>th</sup> August 2020, Anna Univ BIT Campus Tiruchirappalli-24.
- Faculty Development Programme on Advanced Concepts for Developing MOOCs, 02<sup>nd</sup> to 17<sup>th</sup> Jul 2020, Teaching Learning Centre, Ramanujan College, University of Delhi.
- Industrial Training on Basic Science and Communication, 08<sup>th</sup> to 26<sup>th</sup> Jun 2020, BSNL, Tiruchirappalli.
- Faculty Development Programme on Mathematical methods and its Applications, Jan-April 2020, NPTEL-AICTE
- Faculty Development Programme on Probability and Statistics, Jan-April 2019 , NPTEL-AICTE
- Faculty Development Programme on Introduction to abstract and linear Algebra, Aug -Oct 2019 , NPTEL-AICTE
- Faculty Development Programme on Modern Algebra, Aug -Oct 2019 , NPTEL-AICTE
- Faculty Development Programme On Recent Trends and Applications Of Mathematics In Computing, June 8th -21nd 2016.

- Faculty Development Programme On Emerging Trends In Mathematical Modelling and Simulation Mathematics In Computing, May 8th -14th 2015.
- TEQIP II Sponcered National Seminar On Research Paper, Dissertation and Project Proposal Preparation,14th Feb 2014.
- Faculty Devolopment Programme On Recent Trends in Mathematics, Dec 16th- 22<sup>nd</sup> 2013.
- Two Days Workshop On Mathematike in Engineering 2013, 3<sup>rd</sup> & 4th Dec 2013.
- Orientation Programme at Bharathidasan University, Trichy, 1st To 28th Feb 2013.
- A Two Day Seminar On Emerging Trends in The Applications Of Mathematics, 8th Oct 2010.

➤ **National / International Conferences organized / Participated:**

- Third International Conference on New Frontiers of Engineering, Science, Management and Humanities, 29th July 2017.
- International National Conference On Current Research in Engineering Science and Technology, 5th May 2016.
- International National Conference On Engineering Innovations and Solutions, 22th April 2016.
- TEQIP II Sponcered Two Days Interdisciplinary-National Conference On Computational Intelligence and Fuzzy System, 22th And 23rd, Jan 2015.
- International National Conference On Mathematics and Its Applications, 15th To 17th Dec 2014.
- National Conference On Advances in Partial Differential Equations, 13th To 14th Dec 2013.
- National Conference On Frontiers in Analysis and Differential Equations, Dept Of Mathematics, Bharathidasan University, Trichy, 19th To 20th Dec 2012.