

**G. LAKSHMI**

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**RESEARCH & TEACHING EXPERIENCE**

<b>2018- 2020</b>	<b>Science/Biology/EVM Teacher at Al Sadiq Islamic English School, Dubai</b> (Cambridge/UK Curriculum-Mentored students for TIMSS, GL Assessments, Assessed by KHDA inspection team)
<b>2016-2018</b>	<b>Assistant Professor in Education (Jagannath University)</b>
<b>2016(Jan-May Contractual)</b>	<b>Science Teacher at Amrita Vidyalayam, New Delhi</b>
<b>2014 - 2015</b>	<b>Project Fellow at NCERT, New Delhi</b> in the project" Analysis of Pre-service Teacher Preparation Programme across India through the Lens of Inclusive Education"
<b>2008 - 2011</b>	<b>Research and Teaching Assistant</b> at School of Sciences, <b>Indira Gandhi National Open University (IGNOU)</b> , New Delhi
<b>2006- 2007</b>	<b>Lecturer in Biotechnology, Government Arts College,</b> Trivandrum, Kerala
<b>2003- 2005</b>	<b>Lecturer in Biotechnology,</b> Jairam Arts & Science College, Salem, Tamilnadu

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**ACADEMIC ACHIEVEMENTS**

- **Topper and Distinction: B.Ed.(2012-13)Central Institute of Education, Delhi Univ.**
- **Second Position in M.Ed. (University of Delhi)2013-14**
- **M.Phil Biotechnology with Distinction**
- **UGC-NET Qualified (Subject-Education)**
- **CTET (Science and Mathematics) qualified for Classes VI to VIII**

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**EDUCATIONAL QUALIFICATIONS**

<b>M.Ed</b> (2014)	Central Institute of Education, (Delhi University)	72.3%
<b>B.Ed</b> (2013)	Central Institute of Education, (Delhi University)	75.2%

<b>M.Phil</b> Biotechnology (2006)	Bharathidasan University, Tamil Nadu	82.4%
<b>M.Sc</b> <b>Biotechnology</b> (2003)	Avinashilingam University, Coimbatore	71.3%
<b>B.Sc.</b> <b>Microbiology</b> (2001)	University of Madras, Chennai	66.4%
<b>XII (CBSE)</b> (1998)	Kendriya Vidyalaya, Chennai	71.4%
<b>X (CBSE)</b> (1996)	Kendriya Vidyalaya, Chennai	70.8%

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## PUBLICATIONS & PAPER PRESENTED

- Paper on “**Analysis of the adequacy of existing pre-service teacher preparation degree courses to address diversity**” published in the proceedings of State Seminar on “The Changing Contours of Secondary Education- Issues and Challenges”, **SCERT, New Delhi** (March, 2015)
- **Biotechnology- an Indian Journal** ; Volume 5, Issue 4, pg 213-219, ISSN 0974-7435; Title: Decolorization of Molasses Effluent using isolated strain
- Paper presented on “Isolation and Screening of Bacteria Producing Alkaline Protease and Partial Purification of the Enzyme” at the **National Seminar on Current Trends in Biological sciences** conducted at Avinashilingam University, Coimbatore (2002).

## BIOTECHNOLOGY RESEARCH STUDIES CONDUCTED

- Environmental biotechnology study on “**Decolorisation of Molasses Effluent using Isolated Strain**” at Regional Research Laboratory (CSIR), Trivandrum, Kerala (January-March, 2003) as part of MSc Biotechnology course
- Bioinformatics study on “**Phylogeny, Structure and Dynamics of Human HLM-2 protein**” at Rajiv Gandhi Centre for Biotechnology, Trivandrum, Kerala (March-July, 2006) as part of M.Phil Biotechnology course.
- Genomics study on **Metagenomic Analysis for a Novel Microbial Function** under the joint guidance from Delhi University and IGNOU faculties (April, 2008-April, 2011).

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## EDITORIAL BOARD

As member of Committee for preparation and printing of IGNOU Profile, 2010

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## TRAINING

- 4 months teaching practice at **Kendriya Vidyalaya, JNU** as part of the **B.Ed school experience programme** (2012-13); teaching subject: BIOLOGICAL SCIENCE-A & B level.
- Orientation programme in **Open and Distance Learning**: Dynamics of Course design Development and Delivery at **IGNOU**, New Delhi {June 9-19, 2008}.
- Workshop on **Open Education Resources** and English Teaching-learning facilitated by Ms.Alannnah Fitzgerald(University of Oxford,UK &University of Waikato,New Zealand) held in the Dept. of Education,University of Delhi(15<sup>th</sup> Jan,2013)
- ❖ One week training on the “Various Procedures of Production and Quality Control of Rabies Vaccine and DTP group of vaccines” at **Pasteur Institute of India**, Coonoor {18/3/02 to 23/3/02}.
- ❖ Two months summer training on “Isolation and Screening of bacteria producing Alkaline Protease and Partial Purification of the Enzyme” at **Central Leather Research Institute (CSIR)**, Chennai {15/5/02 to 15/7/02}.
- ❖ Two weeks hands-on training in the **UGC-NRCBS Summer School** on “PCR Applications” at School of Biological Sciences, **Madurai Kamraj University**, Madurai {March 17-31,2010}.

## SEMINARS & SYMPOSIUMS

- **International Conference on Research in Education and Curriculum Planning for Gifted Minds** organized by Jagadis Bose National Science Talent Search(JBNSTS),Feb.4-6,2014.
- **National seminar on Innovations in Distance Education and their Applications** organized by NCIDE, IGNOU, 22-23, Dec 2008.
- International workshop on Molecular Dynamics (Rajiv Gandhi Centre for Biotechnology, Trivandrum) March, 2006.
- ❖ National level seminar “Bioquest 2006” held on 16<sup>th</sup> October 2006 by Dept of Biotechnology, Government College, Kariavattom, Trivandrum.National Symposium on Medicinal plants (Avinashilingam University) 2-3 Nov, 2002.
- National seminar on Current trends in Biological Sciences (Avinashilingam Deemed University) 12-13 Dec, 2002.

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## COMPUTER SKILLS

MS Word, PowerPoint, MS Excel, SPSS (software),  
Bio-Informatics Skills

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## PERSONAL DETAILS

Date of Birth	:	02/03/1981
Husband's name	:	T.S.Anil Kumar
Religion/Caste	:	Hindu/Nair
Languages Known	:	English, Hindi, Malayalam, Tamil
Marital status	:	Married
Hobbies	:	Reading, Listening Music

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