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## Present Position

Associate professor, Department of Electronics and Communication Engineering, College of Engineering Guindy, Anna University, Chennai from June-2006.

## Present Additional Responsibility

- Deputy Director, Centre for Academic Courses, Anna University, Chennai from November-2014.

## Previous Positions

- Lecturer, Department of Electronics and Communication Engineering, College of Engineering Guindy, Anna University, Chennai during October-1991 and January-2015.

## Other Employment

- Lecturer, S R M Engineering College for 1.9 years.

## Degree

- ❖ M.E. in Applied Electronics, College of Engineering Guindy, Anna University Chennai (1986 - 1989).
- ❖ B.E. in ELECTRONICS AND COMMUNICATION ENGG , Government College of Technology, Coimbatore, Madras University (1979 - 1984).

## Research Degree

- ❖ Ph.D. in Optical Communication from Faculty of ICE, College of Engineering Guindy Campus, Anna University (2006 - 2014).  
Title: Performance Evaluation on Hybrid OCDMA/WDM based Local Access Upgrade.

## Area of Specialisation

- Optical Communication

## Membership in Professional Organization

- ISTE

## Research Guidance

## Papers Published in Journals

Research Papers Published in International Journals : 3  
Research Papers Published in National Journals : 0

1. T V SUDHIR,A.V.Ramprasad, G.Geetha, M.Meenakshi, "Analysis of Receiver Sensitivity Performance for DPSK Optical Communication using Enhanced Saddle Point Approximation", JOURNAL OF OPTICAL COMMUNICATION, Vol. 28, Issue 4, (2007).
2. Geetha G, Lakshmi Priya I, Meenakshi M, "MODELING OF BROADBAND LIGHT SOURCE FOR OPTICAL NETWORK APPLICATIONS USING FIBER NON-LINEAR EFFECT", Journal of Theoretical and Applied Information Technology , Vol. 58, Issue 1, (2013).
3. Dr.G.Geetha,Dr.Kumar Sandeep,Dr.Alsath Gulam,Dr.Kanagasabai Malathi,Dr.Rao Rama, "Compact and flexible monopole antenna for Ultra-wideband applications deploying fractal geometry ", Journal of electrical engineering and technology , published by Korean Institute of Electrical Engineers. Vol. 13, Issue 1, pp. 400-405 (2018).

## Papers Presented in Programmes

Research Papers Presented in International Programmes : 7  
Research Papers Presented in National Programmes : 2

1. LAKSHMI PRIYA I ,MEENAKSHI M , GEETHA G, "DESIGN OF BROADBAND OPTICAL SOURCE BASED ON FWM TECHNIQUE FOR WDM APPLICATIONS " presented in a International level conference on RECENT TRENDS IN COMPUTER SCIENCE ENGINEERING , organised by APOLLO ENGINEERING COLLEGE , INDIA , 2012 .
2. LAKSHMI PRIYA I, G GEETHA, M MEENAKSHI, "DESIGN OF BROADBAND OPTICAL SOURCES FOR OCDMA/WDMA APPLICATIONS " presented in a International level conference on NECOM, organised by SPRINGER, INDIA , 2012 .
3. YOKESH V, GEETHA G , MEENAKSHI M, "CROSSTALK PERFORMANCE OF SPECTRAL AMPLITUDE ENCODING - A SIMULATION STUDY" presented in a International level conference on INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN ENGINEERING AND TECHNOLOGY , INDIA , 2012 .

4. T N SUDHASHREE, G GEETHA , M MEENAKSHI, "TURBO CODING FOR FFH OCDMA SYSTEM - A SIMULATION STUDY" presented in a National level conference on NATIONAL CONFERENCE ON COMMUNICATION NETWORKS AND SENSOR TECHNOLOGY, organised by HINDUSTAN INSTITUTE OF TECHNOLOGY, INDIA , 2011 .
5. T ALAMELUMANGAI, G GEETHA, M MEENAKSHI, "STUDY OF HYBRID OCDMA/WDMA SYSTEM WITH REDUCED FOUR WAVE MIXING EFFECT" presented in a National level conference on POWER , INFORMATION AND COMMUNICATION 2k11, organised by ADHI PARASAKTHI ENGINEERING COLLEGE , INDIA , 2011 .
6. K SURESH, G GEETHA, M MEENAKSHI , "REDUCTION OF FOUR WAVE MIXING EFFECTS IN HYBRID OPTICAL CDMA/SYSTEM - A SIMULATION STUDY" presented in a International level conference on RECENT ADVANCES IN e-COMMUNICATION AND i-TECHNOLOGY , organised by ANAND INSTITUTE OF HIGHER TECHNOLOGY , INDIA , 2010 .
7. R DINESH, G GEETHA , M MEENAKSHI, "FWM BASED BROADBAND SOURCE FOR FFH-OCDMA SYSTEMS - A SIMULATION STUDY" presented in a International level conference on RECENT ADVANCES IN e-COMMUNICATION AND i-TECHNOLOGY , organised by ANAND INSTITUTE OF HIGHER TECHNOLOGY , INDIA , 2010 .
8. R RAJADURAI, G GEETHA, M MEENAKSHI, "TURBO CODING FOR FFH-OCDMA SYSTEM - A SIMULATION STUDY" presented in a International level conference on RECENT ADVANCES IN e-COMMUNICATION AND i-TECHNOLOGY , organised by ANAND INSTITUTE OF HIGHER TECHNOLOGY , INDIA , 2010 .
9. G GEETHA, M MEENAKSHI, PALANIAMMAL, "MODELLING OF FFH-OCDMA SYSTEMS FOR LOCAL ACCESS UPGRADE" presented in a International level conference on IEEE SPONSORED INTERNATIONAL CONFERENCE , organised by IEEE, INDIA , 2009 .

## Programme Organized

1. National level Short Course.
2. Co-ordinator, National level Short Course on "Faculty Development Programme winter 2003 on Electronic Circuits II" from 11-Nov-2003 to 15-Nov-2003.
3. CO-ORDINATOR, National level Short Course on "FACULTY DEVELOPMENT TRAINING PROGRAMME ON OPTICAL COMMUNICATION " from 15-Jun-2009 to 21-Jun-2009.
4. Co-ordinator, National level Short Course on "ANNA EDUSAT Programme on Electronic Circuits-II " from 04-Jan-2010 to 26-Mar-2010.
5. Co-ordinator, National level workshop on "Communication Networks" from 06-Jan-2017 to 07-Jan-2017.
6. Live Interactive Lectures, National level Short Course on "ANNA EDUSAT Programme on Optical Communication and Networks " from 03-Jul-2017 to 27-Oct-2017.

## Programme Attended

1. Participated in a National level workshop on "MENTORING YOUTH AND ADOLESCENTS " organized by CEG,ANNA UNIVERSITY , INDIA from 16-May-2007.
2. Participated in a National level workshop on "ISTE WORKSHOP ON DATABASE MANAGEMENT SYSTEMS" organized by IIT BOMBAY, INDIA from 13-Dec-2010 to 23-Dec-2010.
3. Participated in a National level workshop on "ISTE WORKSHOP ON BASIC ELECTRONICS " organized by IIT BOMBAY, INDIA from 28-Jun-2011 to 08-Jul-2011.
4. Attended a National level Short Course on "FACULTY DEVELOPMENT TRAINING PROGRAMME ON WIRELESS COMMUNICATION " organized by CEG, ANNA UNIVERSITY , INDIA from 20-May-2012 to 26-May-2012.
5. Participated in a National level workshop on "STUDENT EVALUATION AND QUESTION PAPER SETTING " organized by CEG, ANNA UNIVERSITY , INDIA from 21-Sep-2016 to 23-Sep-2016.

### Special Repräsentations

1. EXTERNAL(ACADEMIC) EXPERT MEMBER in DRDO-CVRDE
2. BOARD OF STUDIES MEMBER in BOARD OF STUDIES - ADHIYAMAN ENGINEERING COLLEGE, HOSUR
3. BOARD OF STUDIES MEMBER in BOARD OF STUDIES - SRI VENKATESHWARA COLLEGE OF ENGINEERING,

### Invited Lectures

1. Delivered a Lecture on "NON LINEAR OPTICS" in WORKSHOP organized by JERUSALEM ENGINEERING COLLEGE , INDIA.
2. Delivered a Lecture on "OPTICAL COMMUNICATION " in GUEST LECTURE organized by S A ENGINEERING COLLEGE , INDIA .
3. Delivered a Lecture on "NON LINEAR OPTICS" in WORKSHOP organized by SVCE, INDIA .
4. Delivered a Lecture on "FIBER FABRICATION TECHNIQUES " in GUEST LECTURE organized by SVCE, INDIA .