

## 'CURRICULUM VITAE'

1. Name : G. NAGALAKSHMI
2. Date of Birth : 23-09-1980
3. Present Position : Assistant Professor
4. Address for Communication : Dr. G. Nagalakshmi  
Department of Computer Science  
National Sanskrit University,  
Tirupati – 517507. A.P, India  
Email: [agnl.lakshmi@gmail.com](mailto:agnl.lakshmi@gmail.com)  
[agnl.lakshmi@nsktu.org](mailto:agnl.lakshmi@nsktu.org)  
Phone : 00-91-9704494938



5. Nationality : Indian
6. Marital Status : Married
7. **Academic Qualifications :**

Education	College /University	Year	Percentage
Ph.D (CS)	SPMVV, Tirupati	2016	Awarded
M.E (CSE)	Sathyabhama University ,Chennai	2007-2009	82.3%
B.Tech (CSE)	Annamacharaya institute of technology and science - JNTU	1999-2003	62.85%
DECE	S.P.W.Polytechnic - SVU	1996-1999	60.00%
Secondary School Education	S.V.N.R.E.M HIGH SCHOOL	1995-1996	63.00%

8. **Academic Distinctions and Awards**

- Gate 2005 with 66.83%
- Gate 2006 with 95.06%

9. **Areas of Specialization in Teaching :** Computer Organization, Object Oriented Programming Systems, Operating Systems, Data Structures, Operations Research, Java Programming with web Technologies, Systems Programming, Data Base Management Systems, Data Communication and Computer Networks, Data Warehousing and Data Mining, Software Engineering, Artificial Intelligence, Computer Graphics, Soft Computing, Image Processing, Network Security, OOAD, OODBMS, OOSE, Python, GreenIT.

10. **Research Areas :** Soft Computing,  
Image Processing,  
Pattern recognition,  
Data Mining, Data Modeling,  
GIS and Remote Sensing,  
Biocomputing, Bioinformatics,  
Big Data.

11. **Professional Experience:** 15 Years

12. **Positions Held:**

<b>S.No</b>	<b>Position</b>	<b>Period</b>	<b>Name of the Institution</b>	<b>Nature of the Work</b>
1	Assistant Professor in Computer Science and Engineering	August, 2003 – July 2007	Siddhartha Institute of Engineering and Technology, Puttur	Teaching
2	Associate Professor & HEAD in Computer Science and Engineering	July 2009-September 2013	Siddarth Institute of Science and Technology, Puttur	Teaching
3	Professor & HEAD in Computer Science and Engineering	September 2013 – September 2019	Siddarth Institute of Science and Technology, Puttur	Teaching
4	BOS Chairperson of the Dept. of Computer Science	September 2015 – September 2019	Siddarth Institute of Science and Technology	Curriculum and Research development in the Department
5	Anti-Ragging Committee member	July 2009-September 2019	Siddarth Institute of Science and Technology	Avoid ragging in the University premises.
6	Convener for Women Empowerment Cell	July 2009-September 2019	Siddarth Institute of Science and Technology	Taking Care for students and Faculty problems related to Women's
7	Convener for "Siddhartha Quest"	2015-2016 Academic Year	Siddhartha Group of Engineering Institutions, Puttur	Students Technical Symposium

### 13. Research Links

Google Scholar	<a href="http://scholar.google.com/citations?user=-YploAAAJ&amp;hl=en">http://scholar.google.com/citations?user=-YploAAAJ&amp;hl=en</a>
ResearchID	<a href="https://www.researchgate.net/profile/Dr_Nagalakshmi">https://www.researchgate.net/profile/Dr_Nagalakshmi</a>
ORCID	<a href="https://orcid.org/0000-0002-1605-9643">https://orcid.org/0000-0002-1605-9643</a>
Research Gate	<a href="https://www.researchgate.net/Dr-Nagalakshmi">https://www.researchgate.net/Dr-Nagalakshmi</a>

### 14. Recognition by an Academic Organization:

- International Association of Engineers (IAENG)
- Institute of Engineering and Technology (IET)
- International Association of Computer Science and Information Technology (IACSIT)
- International Journal of Engineering Research in Computer Science and Engineering (IJERCSE)
- Association for Computing Machinery / Women (ACM-W)
- Indian Society for Technical Education (ISTE), New Delhi.

### 15. Awards and Appreciations:

- Received Teaching Excellence Award in 2018 at Siddartha Institute of Science and Technology, Puttur on the occasion of International Women's Day
- Received Teaching and Research Excellence National Award at IRDP Group of Journals Chennai, India on 30<sup>th</sup> May 2018.
- Received Best Paper Award in 2014 for the paper with title "Edge Detection Methods for Image Segmentation" of Volume 1 Issue 6, March 2014 in International Journal of Computational Science, Mathematics and Engineering (IJCSME).
- Received an Appreciation from Institute for Engineering Research & Publication (IFERP) for being the SESSION CHAIR in the for "International Conference on Research Challenges in Engineering Technologies-ICRCET-2016" organized in Siddartha Institute of Engineering and Technology on 18<sup>th</sup> and 19<sup>th</sup> August 2016.
- Received an Appreciation from Sri Venkateswara University College of Engineering for being the SESSION CHAIR in the "International Conference on Emerging Trends in Engineering Science and Technologies-ICETEST-17" on 18-20 March 2017
- Received an Appreciation from Sri Padmavathi Mahila Visvavidyalayam (Women's University) for being act as a JUDGE in the "National Level Technocrat Fest – VIRINCHI – 2K18" on 3<sup>rd</sup> & 4<sup>th</sup> March 2018.
- Received an Appreciation from Sri Padmavathi Mahila Visvavidyalayam (Women's University) for being act as a JUDGE in the "National Level Technocrat Fest – VIRINCHI – 2K19" on 9<sup>th</sup> & 10<sup>th</sup> March 2019.
- Received an Appreciation from Sri Padmavathi Mahila Visvavidyalayam (Women's University) for being the SESSION CHAIR in the "International Conference on Computation and Bio Engineering – CBE'19" on 27<sup>th</sup> and 28<sup>th</sup> December 2019.

#### 16. Editorial Board Members:

IJCSME - International Journal of Computational Science, Mathematics and Engineering.

#### 17. Reviewers of:

- ICR CET 2016 – International Conference on Research Challenges in Engineering and Technology held at Siddarth Institute of Engineering and Technology Puttur A.P. on 18<sup>th</sup> and 19<sup>th</sup> August 2016.
- CBE'19 - International Conference on Computation and Bio Engineering held at Sri Padmavathi Mahila Visvavidyalayam (Women's University) on 27<sup>th</sup> and 28<sup>th</sup> December 2019.

#### 18. Books Published: 1

Object Oriented Analysis and Design, Rishi Educational Society, Bangalore, 2018, ISBN : 978-81-936838-1-1 .

#### 19. Book Chapters: 1

"Enhancement of Knowledge Through Online Course" for Higher Education under Quality Assurance and Enhancement by Rishi Educational Society, 2018 ISBN : 978-81-936838-0-4.

#### 20. Research papers Published in International Journals: 23

#### 21. Faculty Development Programs Organized: 1

"International Conference on Research Challenges in Engineering Technologies-ICRCET-2016" organized in Siddartha Institute of Engineering and Technology in association with Institute for Engineering Research & Publication (IFERP) on 18<sup>th</sup> and 19<sup>th</sup> August 2016.

#### 22. Papers Presented at International Conferences: 5

#### 23. Research Papers Presented at National Conferences: 15

#### 24. Refresher/Workshops Attended: 18

#### 25. Faculty Development Programs Attended: 8

#### 26. International Seminars Attended : 1

#### 27. National Seminars Attended: 7

#### 28. Invited Talk & Chaired: 12

#### 29. B. Tech Projects Guided: More than 25

#### 30. M. Tech Projects Guided: 12

#### 31. Patent Filed: 1.

### Patent Details:

S. Jyothi, Dr. D.M. Mamatha, Ms. G. Nagalakshmi and Ms. K. Himabindu, "Automatic Recognition of Indian Prawn Species", CBR No: 14056, Application Number: 201641021525 – Patent filed on 22 June 2016.

## Journal Publications : 27

- Published a paper on "ETM: a novel efficient Traceback Method for DdoS Attacks" in International Journal of Computer Science and Management Research" Vol. 1. Issue 3, Oct 2012.ISSN:2278-733X
- Published a paper on "A Survey on Pattern Recognition using Fuzzy Clustering Approaches" International Refereed Journal of Engineering and Science Vol. 2. Issue 5, May 2013.
- Published a paper on "White Spot Syndrome Virus Detection in Shrimp Images using Image Segmentation Techniques", International Journal of Advanced Research in Computer Science and Software Engineering, Available online at: [www.ijarcsse.com](http://www.ijarcsse.com), ISSN: 2277 128X, Volume 3, Issue 9, September 2013.
- Published a Paper on "A Study on Hyperspectral Remote Sensing Classification", International Journal of Computer Application(0975-8887), Feb 2014.
- Published a paper on ," Edge Detection Methods For Image Segmentation", International Journal of Computational Science, Mathematics and Engineering, Volume2 , Issue1, Dec 2014, Copyright-IJCSME.
- Published a paper on "Remote Sensing System Classification Using Hyperspectral Image" International Journal for Engineering Research and Technology Vol. 3. Issue 6, June 2014.
- Published a paper on "An Land Cover Fuzzy Logic Classification By Maximum Likelihood" International Journal for Computer Trends and Technology Vol. 13. Issue 2, July 2014.
- Published a Paper on "Protected Data Distribution for Multiple Owners in Dynamic Group of Public Clouds" in International Journal of Computer Science Trends and Technology(IJCST) – Volume 2 Issue 4, July-August 2014
- Published a paper on "Hyperspectral Image Classification Using SVM" in International Journal of Engineering And Computer Science ISSN: 2319-7242 Vol. 3. Issue 9, September 2014. Page No. 8116-8119
- Published a paper on, " Image Acquisition, Noise removal, Edge Detection Methods in Image Processing Using Matlab for Prawn Species Identification", Proceedings of International Conference on Emerging Trends in Electronics & Telecommunications (ICETET) 29th - 31st May, 2015 KUALA LUMPUR, MALAYSIA (MT0CS006).
- Published a paper on, "Various Edge Detection Methods In Image Processing Using Matlab", International Journal of Computational Science, Mathematics and Engineering, Volume2 , Issue6, June 2015, ISSN(online): 2349-8439, Copyright-IJCSME.
- Published a Paper on "Bug Tracking and Reporting System (BTRS) for Software Quality Assurance and Maintenance", International Journal of Innovative Research in Computer and Communication Engineering, Vol. 3, Issue 9, September 2015, ISSN Online : 2320-9801.

- Published a paper on, " Prawns Identification Based on Edge detection and Feature Vectors", 3rd 2016 International Conference on "Computing for Sustainable Global Development", 16th – 18th March, 2016 Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi (INDIA).
- Published a paper on, " Prawn Recognition on Fuzzy Based Feature Vectors with Image Segmentation", International Journal of Advanced Research in Computer Science and Software Engineering Available online at: [www.ijarcsse.com](http://www.ijarcsse.com), Volume 6, Issue 5, May 2016 ISSN: 2277 128X.
- Published a paper on, "Feature Extraction Based on Canny Edge Detection Methods with various Parameters in image segmentation using matlab for prawn species identification", Ref. No.:CSI/GJAC/ND/25-5/2015-2016, CSI-2016.
- Published a paper on, "Medical Image Classification Using Genetic Algorithm", International Journal of Computational Science, Mathematics and Engineering, Special Issue on Computational Science, Mathematics and Biology, IJCSME – SCSMB-16-March-2016,ISSN-2349-8439
- Published a paper on, "Green Manipulate Computation in Conveyed Registering for Time Change ", International Journal of Innovative Technologies, Volume 04, Issue 07, June 2016 Pages: 1138-1146, ISSN 2321-8665.
- Published a Paper on, "Prawns Classification Based on Pattern Matching Using DWT", International Journal of Computational Science, Mathematics & Engineering Volume 3, Issue 5, 2016, ISSN-2349-8439.
- Published a Paper on "A New Frame Work for Boundary Detection using Double-Opponency and Spatial Sparseness Constraint", International Journal of Advanced Technology and Innovative Research, Volume: 8, Issue: 23, December 2016, ISSN 2348-2370.
- Published a Paper on "Efficient Architecture Cloud Computing Confidentiality" International Journal of Research Studies in Computer Science and Engineering, Volume 3, Issue 3, 2016, PP 12-17 ISSN 2349-4859.
- Published a Paper on "P2P File Access Availability in Mobile Adhoc Networks", International Journal of Computational Science, Mathematics and Engineering, Volume-4, Issue 1, January 2017, ISSN – 2349-8439.
- Published a Paper on "Video Traffic Distortion Reduction Framework in Wireless Networks", International Journal of Computational Science, Mathematics and Engineering, Volume 4, Issue 3, March 2017, ISSN – 2349-8439.
- Published a Paper on "A Comparative Study of Indian Penaeid Prawn Species:", International Journal of Innovative Trends in Engineering and Research, Volume 2, Issue 11, November 2017, ISSN: 2456-4338.
- Published a Paper on "A Self-Executing Study of Arranging Scribble for Security Principle", International Journal of Scientific Research in Computer Science, Engineering and Information Technology, Volume 2, Issue 6, ISSN – 2456-3307

- Published a Paper on "Land Use/Land Cover of Tirupati area for Agriculture Land Classification: A Study International Journal of Engineering Research in Computer Science and Engineering, Volume 5, Issue 4, April 2018, ISSN – 2394-2320.
- Presented a Paper on "Performance Evaluation Report for LCLU Based on SVM, ANN and MLE Supervised Classification Algorithms using Machine Learning", in Test Engineering & Management Scopus Publication, Volume 83, Page Number: 5798 – 5802 Publication Issue: May – June 2020.
- Published a Paper on "Land Site Image Classification Using Machine Learning Algorithms", Springer Nature Switzerland AG 2020, Advances in computational and Bio-Engineering, Volume 1, Page No: 209 – 218, [https://doi.org/10.1007/978-3-030-46939-9\\_19](https://doi.org/10.1007/978-3-030-46939-9_19).

### **International Conference: 5**

- Presented a paper on "A Study on hyper spectral remote sensing classification", in two day International Conference at PES Institute of Technology & Management, Shivamogga, Karnataka, on 5<sup>th</sup> and 6<sup>th</sup> May, 2014.
- Presented a paper on "Supervised Classification Method Using Hyperspectral Image", in three days International Conference at College Of Engineering Roorkee, Roorkee on 28<sup>th</sup> to 30<sup>th</sup> Nov, 2014.
- Presented a paper on "Image Acquisition, Noise removal and Edge Detection Methods in Image Processing Using Matlab for Prawn Species Identification", in three days International Conference at ICETET on 29<sup>th</sup> to 31<sup>st</sup> May, 2015 Kuala Lumpur, Malaysia.
- Presented a paper on "Prawns Classification Based on Pattern Matching using DWT", in one day International Conference at Siddhartha Educational Academy Group of Institutions, C. Gollapalli, Tirupati. On 9<sup>th</sup> July 2016.
- Presented a Paper on "Land Site Image Classification Using Machine Learning Algorithms", International Conference on Computational and Bio Engineering at Sri Padmavathi Mahila Visvavidyalam (Women's University) on 27<sup>th</sup> and 28<sup>th</sup> December 2019.

### **National Conference: 15**

- Presented a paper on " Applications of BPCS Stegonagraphy to wavelet compressed vedio" at the *Natioanal Conference on recent trends in electronics and communication and engineering organized by SIETK, Puttur* on 08th and 09th December 2010.
- Presented a paper on " Resequencing analysis on stop and wait for digital communication" in two day *Natioanal Conference on High Performance Computing and Networking organized by AITS, Rajampet* on 13th and 14th August 2011.

- Presented a paper on "Fuzzy Random Impulse Noise Reduction Method" in One day National Conference on current trends in advanced computing, at SIETK, Puttur on 12<sup>th</sup> march, 2012.
- Presented a paper on " A Parameterised Runtime Analysis of Evolutionary Algorithm for Minimization in Euclidean TSP" in Two-day National Conference on Computer Science Engineering and Applications at SPMVV, Tirupati on November 9-10, 2012.
- Presented a paper on "A Survey on pattern recognition using Fuzzy Clustering and edge Detection Technique" - Two day National conference NCCEP, at S.V. University, on 20-21 February, 2013.
- Presented a paper on "Advanced Techniques for Hypersepctral Image Processing" – Two days National level conference on Advances in computational Intelligence and Computer Engineering - ACICE, at S.V.U, Tirupati on 23<sup>rd</sup> and 24<sup>th</sup> October, 2013.
- Presented a paper on "Hypersepctral Remote Sensing Image classification Techniques and Methods" – One day National conference on Modern Trends in Computers, Electronics, Civil and Power Engineering NCCCECP, at ACET, Gudur on 9<sup>th</sup> November, 2013.
- Attended Two Day National Level Workshop on Role of Chemistry in Energy Development and Environmental Protection [RCEEP – 2014] at S.V.U Tirupati, on 3<sup>rd</sup> and 4<sup>th</sup> March 2014.
- Presented a paper on " Feature Extraction based on Canny Edge Detection Methods with Various Parameters in Image Segmentation Using MATLAB for Prawn Species Identification" in CSI-2015 50<sup>th</sup> Golden Jubilee Annual Convention on "Digital Life" held at New Delhi from 2<sup>nd</sup> to 5<sup>th</sup> December 2015.
- Attended 2016 IEEE Mini POCO Panel of Conference Organizers Sponsored by IEEE R10 (Asia Pacific Region) and IEEE Madras Section held on 28<sup>th</sup> February 2016 at Hotel Deccan Plaza, Chennai, Tamilnadu, India, Organized by IEEE Madras Section.
- Presented a paper on "A Survey paper on application techniques of Soft Computing in Agriculture in the national consultation on the Role of Science and Technology in National Development on 21<sup>st</sup> and 22<sup>nd</sup> March 2017 at Siddarth Institute of Engineering and Technology, Puttur.
- Attended Two days Indian Council for Business Education Second Annual Conference on "Emerging Issues in Business and Industry" organized by Acharya Nagarjuna University, Guntur on 27<sup>th</sup> and 28<sup>th</sup> January 2017.



- Presented a paper on "Recent Trends in Climate Change Studies" during 23<sup>rd</sup> and 24<sup>th</sup> July 2018 at Col. Dr. Jeppair Research Park, Sathyabama Institute of Science and Technology, Chennai.
- Presented a Paper on "Establishing Data Privacy using certificate Authority in the national conference, "Developments in information and communication technology for emerging regions" organized by Sri Padmavati Mahila Visvavidyalam (Women's University), Tirupati during 28<sup>th</sup> to 29<sup>th</sup> January 2019.
- Presented a Paper on "Performance Evaluation Report for LCLU Based on SVM, ANN and MLE Supervised Classification Algorithms using Machine Learning" in DST – CURIE – AI Sponsored A Virtual National Conference on Artificial Intelligence – Current Trends and Applications organized by Sri Padmavati Mahila Visvavidyalam (Women's University), Tirupati during 27<sup>th</sup> to 28<sup>th</sup> March 2020.

## **Workshops : 19**

- Participated five days workshop on "Mission – 10X for faculty training program" at Siddhartha Institute of Engineering and Technology, Puttur from 02-08-2010 to 06-08-2010.
- Participated one day workshop on "Techno Vision in IT" at Siddhartha Institute of Engineering and Technology, Puttur on 21st september 2011.
- Participated Two days National level workshop on "VLSI DESIGN & TESTING" organized by PBRVITS, Kavali on 2<sup>nd</sup> and 3<sup>rd</sup> December 2011.
- Participated two days workshop on "Cyber Security & Malware Analysis" at CR engineering college, Tirupati on 19th to 20th December 2011.
- Participated in a Two-Week ISTE workshop on " Introduction to Research Methodologies" conducted by IITB from 25<sup>th</sup> June to 04<sup>th</sup> July, 2012
- Participated in a Three days workshop on " Loophole + Ethical Hacking Workshop" conducted by Kyrion Digital Securities (P) Ltd at Gokula Krishna College of Engineering in association with IIT Kharagpur from 10<sup>th</sup> September 2012 to 12<sup>th</sup> September 2012
- Participated in a Two-Week ISTE workshop on " Data Base Management System" conducted by IITB at S.V. University Tirupati from 21 May 2013 to 31 May 2013
- Participated in a Three days National Level workshop on " Structural Equation Modeling, Data Mining and Neural Networks" conducted by VIT University Vellore from 23<sup>rd</sup> to 25th January 2015.
- Participated one day workshop on "DDELNET: Resources, Services & Facilities and Open Source Software for Libraries Organized by DELENET in collaboration with Sri Padmavati Mahila Visvavidyalayam (Women's University), Tirupati on 25th June 2016.

- Participated two days workshop on "IoT – Internet of Things" an outreach workshop of Technex'17, IIT Varanasi in association with Innovians Technologies held at Siddharth Institute of Engineering & Technology, Puttur on 8th and 9th september, 2016.
- Participated one day UGC Sponsored workshop "Research Proposal Writing" under the "Center for Translational Research", Sri Padmavati Mahila Visvavidyalayam (Women's University), Tirupati on 28th October 2016.
- Participated DST Sponsored 3 Day National Workshop on " Data Science Research" Organized by University College of Engineering & Technology Acharya Nagarjuna University on 28<sup>th</sup> to 30<sup>th</sup> January, 2017.
- Participated DST-CURIE Sponsored Two Day National Level Hands – on Workshop on LaTeX organized by Sri Padmavati Mahila Visvavidyalayam (Women's University), Tirupati on 28th and 29th March 2018
- Participated One week Hands – on Workshop on "Big Data Analytics & Start-Ups" organized by SSIIE-TBI, Sri Padmavati Mahila Visvavidyalayam (Women's University), Tirupati from 1st to 7th December 2018.
- Participated one day awareness workshop on "awareness workshop on SMART INDIA HACKATHON 2019" conducted at S.R.K.R Engineering College, Bhimavaram on 10th January 2019.
- Participated one week Hands-on workshop on "Machine Learning Algorithms and Smart Applications" organized by SSIIE-TBI, Sri Padmavati Mahila Visvavidyalayam (Women's University), Tirupati from 25th to 30th January 2019.
- Participated three day workshop on "Applied Data Science Using R" conducted by YDI Solutions Pvt Ltd organized by Siddartha Group of Institutions, Puttur from 4<sup>th</sup> to 6<sup>th</sup> February 2019.
- Participated one week workshop on "Artificial Intelligence and Deep Learning" conducted by leading India.ai, a national wide initiative by Bennett Univeristy, Greater Noida, India from 4<sup>th</sup> to 8<sup>th</sup> May 2020.
- Participated one week workshop on "Image and Video Procssing" a hands on workshop on Image and Video Processing conducted by leading India.ai, a national wide initiative by Bennett Univeristy, Greater Noida, India from 20<sup>th</sup> to 24<sup>th</sup> July 2020.

## **Seminars: 8**

- Attended Three day's International Level seminar on "Indo-French Seminar on Women in Science through CEFIPRA" held on 3<sup>rd</sup> to 5<sup>th</sup> February 2015 at Indian Institute of Science, Bangalore, India.
- Attended one day National Level seminar on Digital signal processing algorithms & VLSI technologies" held on 21<sup>st</sup> February 2009 at SIETK, Puttur.

- Attended one day seminar on "Recent trends in information technology" held on 25<sup>th</sup> February 2009 at SIETK, Puttur.
- Attended one day seminar on "Research Methodologies" held on 09<sup>th</sup> November 2012 at SIETK, Puttur.
- Attended one day National Level Seminar on "MATLAB Programming" held on 15<sup>th</sup> October 2015 at Siddartha Institute of Science and Technology, Puttur.
- Attended two days National Level Seminar on "Cancer Detection Using Image Processing Techniques" held during 22<sup>nd</sup> and 23<sup>rd</sup> June 2018 at S V Engineering College for Women, Tirupati.
- Attended one day National Level Seminar on "Task and Strategy of Introducing Skill Based Higher Education in Technical Institutes of India" held on 18<sup>th</sup> March 2019 at Sissartha Institute of Engineering and Technology, Puttur.
- Attended three day's Indo-French seminar on "Women in Science" through CEFIPRA held on 3<sup>rd</sup> to 5<sup>th</sup> Feb 2015 at, Indian Institute of Science, Bangalore.

### **Faculty Development Program : 14**

- Attended the short term faculty training program on " Programming in C & Data Structures" during 03-09-2012 to 08-09-2012 conducted at sree vidyanikethan Engineering college, Rangampet, organized by JNTUA.
- Attended 21 days winter training programme in Geospatial Technologies and Applications under Natural Resources Data Management Systems (NRDMS) Programme in DST, Government of India, Conducted by Sri Padmavathi Mahila Viswa Vidyalayam (Women's University), Tirupati from 5<sup>th</sup> to 25<sup>th</sup> February 2014.
- Attended 2 days Faculty Development Program on Consultanc Orientation for Research and Academic Levraging (CORAL) Level-2 Held at Rashriya Sanskrit Vidyapeeth, Tirupati on 25<sup>th</sup> and 26<sup>th</sup> April 2015.
- Attended one day Faculty Knowledge Program on IBS Business School held at Tirupati on 20<sup>th</sup> July 2016.
- Attended one day Faculty Knowledge Program on IBS Business School held at Tirupati on 20<sup>th</sup> July 2017.
- Attended 5 days Faculty Training Program on Android Developer held at Siddartha Institute of Science and Technology, Puttur from 24<sup>th</sup> July to 28<sup>th</sup> July 2017.
- Successfully Completed 60 hours of Professional Development Course on Java Fundamentals and Programming conducted by ORACLE Academy 11<sup>th</sup> August 2017

- Attended one week National Level Faculty Development Program on Data Analytics using R-Software held at Narayana Engineering College, Gudur from 10<sup>th</sup> December to 16<sup>th</sup> December 2018
- Attended one week Online Faculty Development program on LaTeX in Cjevallar T. Thomas Elizabeth College for Women during 25<sup>th</sup>-29<sup>th</sup> May, 2020 organized by National Mission on Education through ICT, MHRD, Govt. of India.
- Attended one week Online Faculty Development program on Emerging Research Trends in Computer Science and IT during 27<sup>th</sup> April to 01<sup>st</sup> May, 2020 organized by BVICM, New Delhi.
- Attended one week Online Faculty Development program on Data Science with R during 27<sup>th</sup> April to 03<sup>rd</sup> May, 2020 organized by Electronics & ICT Academic, NIT Patna through online under the scheme of financial assistance for setting up of Electronics and ICT Academies by the Ministry of Electronics and Information Technology (MeitY), Government of India.
- Attended two week National Level Online Faculty Development program on E-Content Design, Development and Delivery during 18<sup>th</sup> to 27<sup>th</sup> June, 2020 organized by Kavikulaguru Kalidas Sanskrit University, Ramtek in Association with Infilbnet Centre (Gandhinagar).
- Attended one week National Level Online Faculty Development program on Blockchain & Its Application during 04<sup>th</sup> to 10<sup>th</sup> May, 2020 organized by Electronics & ICT Academic, NIT Patna through online under the scheme of financial assistance for setting up of Electronics and ICT Academies by the Ministry of Electronics and Information Technology (MeitY), Government of India.
- Attended one week National Level Online Faculty Development program on SPSS & Origin during 29<sup>th</sup> July to 31<sup>st</sup> August, 2020 organized by SPMVV, Tirupati.
- 

## **Guest Lectures: 12**

- Delivered a lecture on "Advanced Java Programming" for MCA IV-SEM Students in Sri Padhmavathi Mahila Vishva Vidhayalam ( Padhamavathi Mahila University ) at Tirupati on 12-03-2009.
- Delivered a lecture on "Advanced Java Programming" for MCA IVth SEM Students in Sri Padhmavathi Mahila Vishva Vidhayalam ( Padhamavathi Mahila University ) at Tirupati on 14-04-2010.
- Delivered a lecture on "Java Programming" for II B.Tech – II SEM Students in Sri Padhmavathi Mahila Vishva Vidhayalam ( Padhamavathi Mahila University ) at Tirupati on 15-10-2011.
- Delivered a lecture on "Image Processing Techniques" for MCA V-SEM Students in Sri Padhmavathi Mahila Vishva Vidhayalam ( Padhamavathi Mahila University ) at Tirupati on 16-11-2012.
- Delivered a lecture on "Java Programming" for II B.Tech – II SEM CSE Students in Sri Padhmavathi Mahila Vishva Vidhayalam ( Padhamavathi Mahila University ) at Tirupati on 22-09-2012.

- Delivered a lecture on "Object Oriented Analysis and Design" for III B.tech I sem CSE Students in Vishnavi Institute of Technology for Women at Tirupati on 15-02-2013.
- Delivered a lecture on "Object Oriented Analysis and Design" for III B.Tech – II CSE SEM Students in Yogananda Institute of Science and Technology (YITS) at Reniguta on 10-03-2013.
- Delivered a lecture on "Software Testing" for IV B.Tech – I SEM CSE Students in Yogananda Institute of Science and Technology (YITS) at Reniguta on 09-10-2014.
- Delivered a lecture on "Database Management Systems" for II B.Tech – II SEM CSE Students in Geethanjali Institute of Science and Technology (GIST) at Nellore, on 05-02-2015.
- Delivered a lecture on "Java Programming" for II B.Tech – II SEM Students in Yogananda Institute of Science and Technology (YITS) at Reniguta on 08-02-2013.
- Delivered a lecture on "Operating Systems" for III B.Tech – II SEM CSE Students in Geethanjali Institute of Science and Technology (GIST) at Nellore, on 19-09-2016.
- Delivered a lecture on "Object Oriented Programming Using JAVA" for II B.Tech – II SEM CSE Students in Geethanjali Institute of Science and Technology (GIST) at Nellore, on 07-02-2018.