

PROFILE



Name : Dr. M.P. INDRA GANDHI
Designation : Assistant Professor (SG)
Date of Joining : 09.06.1999
Qualification : B.Sc (Comp. Sci.), M.C.A., Ph.D
Area of Specialization : Image Processing, Data Mining, Image Registration
Software Engineering, Biometric, Computer Networks
E-Mail : indragandhisridharan@gmail.com
Mobile : 9442094960
Total No. of Years of Experience : 18 years completed

UG	5 Years
PG	18 years
M.Phil	5 Years
Ph.D	Guiding from 2014

Guidance : MCA., M.Phil., & Ph.D

MCA	Guided: More than 250 Guiding : -
M.Phil	Guided: 18 Scholars Guiding : 1

Ph.D	Guiding: 6 Scholars Regular – 1, Part Time – 5
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Committee Member

Sl. No.	Member	Place
1.	Board Member	Arulmegu Palaniandaver Arts College for Women, Palani, Mother Teresa Women's University, Kodaikanal.
2.	Admission Committee Member	To our University
3.	Advisory Committee Member	Sri Changara College, Kodaikanal, Govt. Science College(Autonomous), Bangaluru.
4.	Panel Member (Dindigul District)	Selecting students for free Hostel (College level Students Admission).
5.	Doctorial Committee	Gandhigram Rural Institute, Gandhigram.
6.	External Examiner	To Various Colleges, Our University Affiliated Colleges, and our University.
7.	Social Work	Giving Computer Awareness Program for the Polio affected students (CSI School, Kodaikanal).

I am the Life Member of CSI(Computer Society of India).

Presented and Participated in the Journals, Conference, Seminars, Symposium, Workshops

Sl. No.	Events	Published		Presented		Attended	
		International	National	International	National	International	National
1.	Journal Publication	30	-				
2.	Conference			19	12	1	-
3.	Seminar				-	2	5
4.	Workshop					1	13
5.	Symposium					1	
6.	Training Program					3	
7.	Carrier Advancement Program					2 (Refresher Course)	
8.	Faculty Development Program					3	
9.	Chief Guest and Chair Person					8	

Journal Publications

1. M.P.IndraGandhi, M.Karnan “**Medical Image Analysis - A Soft Computing Approach**”, *IEEE Journal of Transactions*, PP 738 – 741, 2011.
2. M.P.Indra Gandhi, M.Karnan, “**MRI Brain Image Segmentation – A Meta Heuristic Approach**”, *European Journal of Scientific Research*, 2012, (IF 0.736).

3. M.P.Indra Gandhi, M.Karnan, “**MRI Brain Image Segmentation with Fuzzy C Means and Meta Heuristic Approach**”, *Medwell Journals*, 2012, (IF 0.624).
4. V.Shanmugapriya, Dr. M. P. Indra Gandhi, “**A Novel Framework for Pelvic Bone Fracture Detection using Computed Tomography Images**”, Coimbatore Institute of Information Technology, *International Journal of Digital Image Processing*, Vol. 6, No 02, February 2014, PP 91 – 94.(Online Journal) ISSN 0974 – 9586, (IF 0.652).
5. J.Jayalakshmi, Dr. M. P. Indra Gandhi, “**An Efficient MRI Brain Image Segmentation and Classification**”, Coimbatore Institute of Information Technology, *International Journal of Digital Image Processing*, Vol. 6, No 02, February 2014, PP 95 – 101.(Online Journal) ISSN 0974 – 9586, (IF 0.652).
6. Dr. M.P. Indra Gandhi, “**An Enhanced Approach for MRI Brain Image Segmentation Using Fuzzy Possibilistic C-Mean Technique**”, Coimbatore Institute of Information Technology, *International Journal of Digital Image Processing*, Vol. 6, No 05, May 2014, PP 246 – 249(Online Journal) ISSN 0974 – 9586, (IF 0.652).
7. Dr. M.P. Indra Gandhi, “**A Novel Method for MRI Brain Image Segmentation Using Modified Fuzzy C-Mean Technique**”, Coimbatore Institute of Information Technology, *International Journal of Artificial Intelligent Systems and Machine Learning*, Vol. 6, No 06, June-July 2014, pp 237 – 240(Online Journal) ISSN 0974 – 9543, (IF 0.763).
8. Dr. M.P. Indra Gandhi, S.Saleth Shanthi, “**Image Segmentation for Multiple Face Detection using CMY Color Model**”, *International Journal of Computer Science Engineering*, Volume: 4, No.1, January 2015, Page No. 18 – 22, ISSN: 2319 – 7323.
9. S.Saleth Shanthi, Dr. M.P. Indra Gandhi, “**Image Segmentation for Multiple Face Detection using CMY Color Model Based on Boundary Values**”, *International Journal of Advanced Research in Computer Science and Software Engineering*, Volume: 5, Issue 3, March 2015, Page No. 144 – 151, ISSN: 2277 – 128X, (IF 2.5).
10. Dr. M.P. Indra Gandhi, P.Pandiyammal, “**Infected Fruit Part Detection using Clustering**”, *International Journal of Current Research*, Volume: 7, Issue 3, March 2015, Page No.13866 – 13871, ISSN: 0975 – 833X, (IF 6.225).
11. R.Ranjani, Dr. M.P. Indra Gandhi, “**Removal of Color Blindness using Image Segmentation**”, *International Journal of Advanced Research in Computer Science and*

Software Engineering, Volume: 5, Issue 3, March 2015, Page No. 201 – 204, ISSN: 2277 – 128X, (IF 2.5).

12. J.Margreat Grana, Dr. M.P. Indra Gandhi, **“2D image using Morphological Operators based on Edge Detection”**, International Journal of Advanced Research in Computer Science and Software Engineering, Volume: 5, Issue 3, March 2015, Page No. 191 – 195, ISSN: 2277 – 128X, (IF 2.5).
13. Dr. M.P. Indra Gandhi, H.Rajalakshmi, **“Segmentation using Watershed and Thresholding”**, International Journal of Advanced Research in Computer Science and Software Engineering, Volume: 5, Issue 3, March 2015, Page No. 196 – 199, ISSN: 2277 – 128X, (IF 2.5).
14. R.Deepa, Dr. M.P. Indra Gandhi, **“Image Segmentation using Hybrid Correlation Clustering”**, International Journal of Current Research, Volume: 7, Issue 2, April 2015, ISSN: 0975 – 833X, (IF 2.5).
15. G.Sindhu Madhuri, Dr. M.P. Indra Gandhi, **“Image Registration Quality Assessment with Similarity Measures – A Research Study”** IEEE Internet Xplore, date of 10.1109/ICCSP.2015.7322613, October 2015.
16. D.Sasikala, Dr. M.P. Indra Gandhi, **“An Introduction to Biometric Authentication Techniques”**, published in the International Journal of Trend in Research and Development, ISSN: 2394 – 9333, (IF 2.010).
17. Dr. M.P. Indra Gandhi, M.Manipriya, **“Enhancing Closed Contour Edge Detection Algorithm for Brain Image Segmentation”**, Coimbatore Institute of Information Technology, International Journal of Digital Image Processing, Vol. 8, No. 5, May 2016. (0974 – 9721)
18. Dr. M.P. Indra Gandhi, G.Kalaiyarasi, **“A Hybrid Intuitionistic Fuzzy C Mean Algorithm for Brain Tumor Segmentation”**, Coimbatore Institute of Information Technology, International Journal of Digital Image Processing, Vol. 8, No. 5, May 2016. (0974 – 9721)
19. Dr. M.P. Indra Gandhi, S.Gayathri, **“A Computer Aided Diagnosis System for Brain Cancer Detection using Extreme Learning Machine”**, Coimbatore Institute of Information Technology, International Journal of Digital Image Processing, Vol. 8, No. 5, May 2016. (0974 – 0721)
20. Dr. M.P. Indra Gandhi, G.Sindhu Madhuri, **“Image Registration with Similarity Measures using Correlation Techniques – A Research Study”**, IEEE Internet Xplore, date of issue on 10.1109/ICCIC.2015.7435681, May 2016.

21. **Sindhu Madhuri G., Dr. Indra Gandhi M. P.**, on “**New Methodology for Image Registration - An Application to Digital Image Processing**”, International Journal of Advanced Research in Computer Science and Software Engineering , ISSN: 2277 128X page no. 364 – 368, Volume 6, Issue 7, July 2016.
22. Dr.M.P.Indra Gandhi, B.Thilagavathi on “**Texture Analysis with Local Binary Patterns in Digital Image Processing**”, International Journal of Advanced Computer Applications ISSN: 2231-251X, Volume 6, Issue 1, Page No: 30 – 32, December 2016.
23. Dr.M.P.Indra Gandhi, B.Thilagavathi Department of Computer Science, Mother Teresa Women’s University Kodaikanal. on “**Development of a Computer Aided Software Engineering - A Literature Survey**”, International Journal of Computer Science, ISSN: 2348-6600, Volume 5, Issue 1, No 21, Page No: 1635 – 1640, February, 2017.
24. Dr.M.P.Indra Gandhi, B. Thilagavathi on “**Region Based Image Segmentation for Plant Leaf**”, International Journal of Science and Innovative Engineering & Technology(IJSIET), Volume: 5, Issue, May, 2017.
25. Dr.M.P.Indra Gandhi, on “**Enhanced Heart Disease Prediction Using Genetic Algorithm**”, International Journal of Science and Innovative Engineering & Technology(IJSIET), Issue Volume: 5, ISSN 978 – 81, May, 2017.
26. S.Sharmila, Dr.M.P.Indra Gandhi on “**Analysis of Heart Disease Prediction Using Data Mining Techniques**”, International Journal of Advanced Networking & Applications(IJANA) Volume: 08, Issue: 05, Page No. 93-95, Special Issue TECHSA-17, 2017.
27. Dr.M.P.Indra Gandhi, Asha.N on “**Comparison of Predictive Models in Data Mining and Impacts of Air Pollution in Metropolitan Cities**”, International Journal of Scientific and Engineering Research, Volume 8, Issue 5, ISSN 2229-5518, Page No. 11 – 15, May 2017.
28. Dr.M.P.Indra Gandhi, Suma on “**Computer Framework for Identifying the Nationality**”, International Journal of Scientific and Engineering Research, Volume 8, Issue 5, ISSN 2229-5518, Page No. 141 – 144, May, 2017.
29. Dr.M.P.Indra Gandhi, Bojamma on “**Contribution of Biometrics in Securing Mobile Phones**”, International Journal of Scientific and Engineering Research, Volume: 8, Issue 5, ISSN 2229-5518, Page No. 16 – 18, May, 2017.

30. Dr.M.P.Indra Gandhi, Bojamma on “**New image Registration Techniques Development and Comparative Analysis** ”, International Journal of Emerging Research in Management and Technology, Volume: 6, Issue 7, ISSN 2278-9359, July 2017.

Presented a Paper in the International Conference, National Conference and Seminar

International Conference

1. M.P.Indra Gandhi, Dr.M.Karnan, presented a paper in the International Conference on “**Medical Image Analysis- A Soft Computing Approach**” in the IEEE International Conference on Computational Intelligence and Computing Research, PP 738-741, 2011.
2. Dr. M.P.Indra Gndhi, presented a paper in the International Conference on “**MRI Brain Image - A Soft Computing Approach**” on Emerging Paradigms in Management Research held at Vivekanandha Institute of Information and Management Studies, Institute of Engineering and Technology for Women, College of Engineering for Women and Mother Teresa Women’s University on 27th to 28th February, 2014.
3. Dr. M.P.Indra Gndhi, presented a paper in the International Interdisciplinary Conference on “**Image Segmentation for Multiple Face Detection using CMY Color Model Based on boundary Values**”, organized by the Departments of Computer, Biotechnology & Hospital Administration, at Bon Secours College for Women, Thanjavur on 17th to 18th March, 2015.
4. Dr. M.P.Indra Gndhi, presented a paper in the International Interdisciplinary Conference on, “**Infected Fruit Part Detection using Clustering**”, organized by the Departments of Computer, Biotechnology & Hospital Administration, at Bon Secours College for Women, Thanjavur on 17th to 18th March, 2015.
5. Dr. M.P.Indra Gndhi, presented a paper in the International Interdisciplinary Conference on, “**Removal of Color Blindness using Image Segmentation**”, organized by the Departments of Computer, Biotechnology & Hospital Administration, at Bon Secours College for Women, Thanjavur on 17th to 18th March, 2015.

6. Dr. M.P.Indra Gndhi, presented a paper in the International Interdisciplinary Conference on **“2D image using Morphological Operators based on Edge Detection”**, organized by the Departments of Computer, Biotechnology & Hospital Administration, at Bon Secours College for Women, Thanjavur on 17th to 18th March, 2015.
7. Dr. M.P.Indra Gndhi, presented a paper in the International Interdisciplinary Conference on **“Segmentation using Watershed and Thresholding”**, organized by the Departments of Computer, Biotechnology & Hospital Administration, at Bon Secours College for Women, Thanjavur on during 17th to 18th March, 2015.
8. Dr. M.P.Indra Gndhi, presented a paper in the IEEE International Conference on **“Image Registration Quality Assessment with Similarity Measures – A Research Study”**, organized by the Department of Electronics and Communication Engineering on Communication and Signal Processing at Adhiparasakthi Engineering College, Melmaruvathur on 2nd , 3rd and 4th April, 2015.
9. Dr. M.P.Indra Gndhi, presented a paper in the IEEE International Conference on Computational Intelligence and Computing Research, Podhigai on **“Image Registration with Similarity Measures using Correlation Techniques – A Research Study”**, organized at Vickram College of Engineering, Madurai on 10th , 11th and 12th December 2015.
10. Dr. M.P.Indra Gndhi, presented a paper in the International Conference on Advances in Computing Communication & Networking on **“A Study on Computational Theory in Machine Learning”**, organized by the Department of Computer Science at Bon Secours College for Women, Thanjavur on 15th September 2016.
11. Dr. M.P.Indra Gndhi, presented a paper in the International Conference on Advances in Computing Communication & Networking on **“Business Oriented Service in Artificial Intelligence”**, organized by the Department of Computer Science at Bon Secours College for Women, Thanjavur on 15th September 2016.
12. Dr. M.P.Indra Gndhi, presented a paper in the IT Skills Show & International Conference on Advancements in Computing Resources on **“Development of a Computer Aided Software Engineering – A Literature Survey”**, organized by Alagappa Institute of Skills Development &/Computer Centre, Alagappa Institute of Skill Development & Computer Centre, Alagappa University, Karaikudi on 15th & 16th February, 2017.

13. Dr. M.P.Indra Gndhi, presented a paper in the International Conference on Trends and Innovation Implying Future Technology on **“Plant Leaf Diseases Identification using Digital Image Processing”**, organized by St.Claret College and Computer Society of India at Bangalore on 18th February, 2017.
14. Dr. M.P.Indra Gndhi, presented a paper in the International Conference on Trends and Innovation Implying Future Technology on **“Approaches in Predicting Urban Air Quality in Bangalore City and Comparative Analysis of Predictive Models using Data Mining Tool”**, organized by St.Claret College and Computer Society of India at Bangalore on 18th February, 2017.
15. Dr. M.P.Indra Gndhi, presented a paper in the International Conference on Trends and Innovation Implying Future Technology on **“Detection of Diseases in Plants Due to Pathogenic Fungi Using Image Processing”**, organized by St.Claret College and Computer Society of India at Bangalore on 18th February, 2017.
16. Dr. M.P.Indra Gndhi, presented a paper in the International Conference on Trends and Innovation Implying Future Technology on **“Feature Detection and Analysis of Pigeon Peas using Image Processing”**, organized by St.Claret College and Computer Society of India at Bangalore on 18th February, 2017.
17. Dr.M.P.Indra Gandhi, B.Thilagavathi presented a paper in the International Conference on **“Texture Analysis with Local Binary Patterns in Digital Image Processing”**, organized by the Department of Computer Science and Management Studies, Vivekanandha Institute of Information and Management Studies, Tiruchengode on 3rd and 4th March 2017.
18. Dr. M.P.Indra Gndhi, presented a paper in the 7th International Conference on Advances in Science, Engineering & Technology-2017 on **“Region Based Image Segmentation for Plant Leaf”**, organized by Organization of Science & Innovative Engineering and Technology, Chennai in association with Rajiv Gandhi Institute of Technology, Bengaluru, ISBN 978-81-904760-9-6, on 24th April 2017.
19. Dr. M.P.Indra Gndhi, presented a paper in the International Conference on Advances in Science, Engineering & Technology-2017 on **“Enhanced Heart Disease Prediction using Genetic Algorithm”**, organized by Organization of Science & Innovative Engineering and Technology, Chennai in association with Rajiv Gandhi Institute of Technology, Bengaluru, ISBN 978-81-904760-9-6, on 24th April 2017.

National Conference

1. Dr. M.P.Indra Gndhi, presented a paper in the National Conference on Prominent Challenges in Information Technology (PCIT – 2015) on **“An Introduction to Biometric Authentication Techniques”**, organized by ComSTA, Department of Computer Science, at St.Joseph’s College of Arts and Science for Women, Hosur, Tamilnadu, India on 8th December, 2015.
2. Dr. M.P.Indra Gndhi, presented a paper in the National Conference on Multi Dimensional Impact of Digitalization on Modern Life on **“Biometric System and Implication on Security”**, organized by the Department of Psychology & Department of Computer Science, at APS College of Arts and Science, Bengaluru, India on 19th January, 2016.
3. Dr. M.P.Indra Gndhi, presented a paper in the National Conference on Recent Trends in Physical Sciences – RTPS16 on **“A Comprehensive Survey on Off-Line Pattern Recognition of Indian Languages”**, organized by the Division of Physical Sciences – School of Graduate, Jain University, Bengaluru, India on 25th & 26th February, 2016.
4. Dr. M.P.Indra Gndhi, presented a paper in the National Conference on Emerging Trends in Software Development(NCETSD) on **“Survey on Heart Disease Prediction using Data Mining Techniques”** organized by Alagappa Institute of Skill Development, Allagappa University, Karaikudi held on 24th March, 2016.
5. Dr. M.P.Indra Gndhi, presented a paper in the National Conference on Computational Methods, Communication Techniques and Informatics on **“Heart Disease Prediction Using Data Mining Techniques – Comparative Study”** organized by Department of Computer Science and Application, Gandhigram Rural Institute – Deemed University, Gandhigram on 27th & 28th January 2017.
6. Dr. M.P.Indra Gndhi, presented a paper in the two days UGC Sponsored National Conference on Advances in Computer Science and Engineering on **“Counter Measures to Ransomware Threats”** organized by Department of Computer Science, Government Science College (Autonomous), Bangaluru on 16th & 17th February, 2017.

7. Dr. M.P.Indra Gndhi, presented a paper in the two days UGC Sponsored National Conference on Advances in Computer Science and Engineering on **“A Survey of Offline Handwriting Recognition using Optical Character Reader”** organized by Department of Computer Science, Government Science College (Autonomous), Bangaluru on 16th & 17th February, 2017.
8. Dr. M.P.Indra Gndhi, presented a paper in the two days UGC Sponsored National Conference on Advances in Computer Science on **“Computer Framework for Identifying the Nationality”** organized by Department of Computer Science, Government Science College (Autonomous), Bangaluru on 16th & 17th February, 2017.
9. Dr. M.P.Indra Gndhi, presented a paper in the two days UGC Sponsored National Conference on Advances in Computer Science and Engineering on **“Contribution of Biometrics in Securing Mobile Phones”** organized by Department of Computer Science, Government Science College (Autonomous), Bangaluru on 16th & 17th February, 2017.
10. Dr. M.P.Indra Gndhi, presented a paper in the two days UGC Sponsored National Conference on Advances in Computer Science and Engineering on **“Comparison of Predictive Models in Data Mining and Impacts of Air Pollution in Metropolitan Cities”** organized by Department of Computer Science, Government Science College (Autonomous), Bangaluru on 16th & 17th February, 2017.
11. Dr. M.P.Indra Gndhi, presented a paper in the One Day National Conference on Novel Trends in Computer Science on **“Analysis of Heart Disease Prediction using Data Mining Techniques”** organized by PG Department of Computer Science, Govt. Arts College for Women, Ramanathpuram held on 4th March, 2017.
12. Dr. M.P.Indra Gndhi, presented a paper in the two days National Conference on Emerging Trends in Computing on **“Efficient Heart Disease Prediction using Data Mining”** organized by Department of Computer Science, Alagappa University, Karaikudi on 13th & 14th March, 2017.

Participated in the International Conference, National Conference, Seminar, Workshop and Symposium

International Conference

1. Participated in the one day International Conference on **“Big Data & Cloud”** organized by the Department of Computer Science & Information Technology in Sri Adi Chunchanagiri Women’s Collage, Cumbum on 23rd February, 2016.

National Conference

1. Participated in the one day National Conference on **“Ozone Layer Depletion & Conservation – Issues and Challenges”** organized by the Environment & Conservation Cell and Department of Economics, Mother Teresa Women;s University, Kodaikanal on 16th September 2016.

International Seminar

1. Participated in the one day International Seminar on **“Research Methodology”**, organized by the department of Computer Applications and mathematics Asian College of Arts and Science Karur on 5th October 2016.

2. Participated in the one day International Seminar on **“Material Science & Applications”**, organized by the Department of Physics, Mother Teresa Women’s University, Kodaikanal on 25th November, 2016.

3. Participated in the one day International Seminar on **“Scientific Research and Evaluation : Publising Research Papers, Citation Analysis and Plagiarism”**, organized by Mother Teresa Women’s University, Kodaikanal on 14th March, 2017.

4. Participated in the one day International Yoga organized by the department of Physical Education and Department of Education, Mother Teresa Women’s University, Kodaikanal on 21st June, 2017.

National Seminar

1. Participated in the two days National Seminar on **“Software Testing”**, at Mother Teresa Women’s University College, Kodaikanal, on 6th October 2015.

2. Participated in the two days National Seminar on **“Computer Hardware and Data Communication”**, at Mother Teresa Women’s University College, Kodaikanal, on 29th and 30th October 2015.

3. Participated in the two days National Seminar on **“E-Resources for Effective Research”**, organizes by Internal Quality Assurance Cell at Mother Teresa Women’s University, Kodaikanal, on 21st April 2016.
4. Participated in the one day National Seminar on **“Recent Trends in Biological Sciences”**, organizes by the Department of Biotechnology, Mother Teresa Women’s University, Kodaikanal, on 5th August 2016.
5. Participated in the one day National Seminar on **“Capital Markets & Mutual Funds”**, organizes by the department of Management Studies, Mother Teresa Women’s University, Kodaikanal under the aegis of the national Institute of Securities, Markets, Birla Sun Life Assect, Management Company Ltd. and Stratadigm Education & Training on 19th September 2017.

Workshop

1. Participated in the two days workshop on **“Positive Attitude and Constructive Thinking (PACT)”** held at Mother Teresa Women’s University, Kodaikanal on 28th to 30th June, 2012.
2. Participated in the one day workshop on **“Forefront Women Achievers – Opportunities and Challenges”** organized by the Department of Computer Science, Mother Teresa Women’s University, Kodaikanal on 23rd September, 2012.
3. Participated in one day International Workshop on **“Healthy Life and Organ Transplantation”** conducted the Department of Education & the Department of Mathematics, Hother Teresa Women’s University, Kodaikanal on 13th September, 2013.
4. Participated in the two days National Workshop on **“Creative Communicative Skills for Effective Teaching”** conducted by the Women’s University College of Education, Mother Teresa Women’s University, Kodaikanal on 26th and 27th September 2013.
5. Participated in the two days All India Workshop on **“Research Methodology & Technology Management in Higher Education”** conducted by the University Grants Commission, Academic Staff College, Pondicherry University, Puducherry on 14th & 15th March, 2013.
6. Participated in the two days National Workshop on **“Ethical Hacking and Cyber Security”** conducted by the Department of Information Technology, Computer Science and Engineering &

Master of Computer Application, Kodaikanal Institute of Technology, Machur, Kodaikanal on 20th and 21st September 2013.

7. Participated in the two days workshop on “**Digital Marketing Workshop**”, conducted at Mother Teresa Women’s University, Kodaikanal, during 9th and 10th April, 2015.

8. Participated in one day National Level Technical Workshop on “**Big Data Analytics Using Weka**”, organized by the Department of Computer Science and Engineering, at Dhanalakshmi Srinivasan Engineering College, Perambalur on 17th August, 2015.

9. Participated in one day Workshop on “**Network Simulator (NS-2)**”, organized by the Department of Information Technology and ISTE – MCET Students Chapter, at Dr.Mahalingam College of Engineering and Technology, Pollachi on 4th September, 2015.

10. Participated in one day Workshop on “**Signal Processing Applications using MATLAB**”, organized by the Department of Electronics and Telecommunication Engineering, at Karpagam College of Engineering, Coimbatore on 16th September 2015.

11. Participated in two days Workshop on “**Pattern Classification, Image Segmentation & Image Registration**”, organized by the Department of Electronics and Communication Engineering, at Saveetha School of Engineering, Chennai on 23rd to 24th October 2015.

12. Participated in two days Workshop on “**Pattern Classification, Image Segmentation & Image Registration**”, organized by the Department of Electronics and Communication Engineering, at Saveetha School of Engineering, Chennai on 23rd to 24th October 2015.

13. Participated in two days Workshop on “**Image Processing Algorithms and Advanced Intelligent Optimization Techniques**”, organized by the Department of Electronics and Communication Engineering, at Kongu Engineering College, Peundurai, Erode on 29th and 30th July 2016.

14. Participated in two days International Workshop on “**Image Processing using MATLAB**” organized by the Department of Computer Science, Mother Teresa Women’s University, Kodaikanal on 6th and 7th October 2016.

Symposium

1. Participated in one day the Royal Society of Chemistry – South India symposium on “**Recent Advances in Chemical Sciences**” organized by the Department of Chemistry, Mother Teresa Women’s University, Kodaikanal on 23rd September 2016.

Training Program

1. Participated in the Seven days skill based training program on “**System Troubleshooting**”, organized by the Department of Computer Science, Mother Teresa Women’s University, Kodaikanal from 21st to 28th August 2014.

2. Participated in the Nine days training program on “**Tally.ERP9**”, organized by the Incubation and Technology Transfer Centre, Mother Teresa Women’s University, Kodaikanal & Zenith Career Wings on 4th to 12th April 2016.

3. Participated in the Nine days training program on “**Image Processing Algorithms and Advanced Intelligent Optimization Techniques**”, organized by the Department of Electronics and Communication Engineering at Kongu Engineering College, Perundurai, Erode on 29th and 30th July 2016.

Carrier Advancement Program Attended

Orientation Course and Refresher Course

1. Attended UGC Sponsored Refresher Course in Computer Science at UGC – Academic Staff College, Madras University, Chennai from 21.11.2013 to 12.12.2013.

Faculty Development Program

1. Participated three days Faculty Development Program on “**Global Business Foundation Skills**” conducted by ICT Academy of Tamil Nadu at Mother Teresa Women’s University, Kodaikanal from 7th to 9th August 2013.

2. Participated in the two weeks Faculty Development Program on “**Advances in Software Architecture, Engineering, Modelling Tools and Programming Practices**” organized by the Department of Computer Science and Engineering, Pondicherry Engineering College, Puducherry from 27th May to 7th June, 2013.

3. Participated in one day National Level Faculty Development Program on “**Research Methodology and Ethical Publication**” organized by the Department of Computer, at Bon Secours Collage for Women, Tanjavur on 29th January, 2016.

Chief Guest

1. Invited me as a Chief Guest for the Annual Day Celebration at **Sri Changara College, Kodaikanal**.

2. Invited me as a Chief Guest to deliver the Special Address and Chair Person for the International Conference on “**Challenges & Opportunities of Information Communication Technology**” organized by the PG Department of Computer Science and UG Department of Computer Application and Information Technology, at **Bon Secours College for Women, Thanjavur** on 5th and 6th February 2014.

3. Invited me as a Chief Guest & Resource Person to deliver the **Inaugural Address for the Inaugural Function** organised by the Department of Information Technology, at **Vidyasagar College of Arts and Science, Udumalpet** on 31st July 2014.

Resource Person

1. Invited me as a Resource Person for the inauguration of **BONTONZ’15 “Educational Technologies**” organized by the Department of Computer Science and Information Technology at **Sri Adi Chunchanagiri Women’s College, Cumbum** on 27th July 2015.

Chair Person

1. Invited me as a Chair Person for the Session in the **IEEE International Conference organized by the Department of Electronics and Communication Engineering on Communication and Signal Processing** at Adhiparasakthi Engineering College, Melmaruvathur on 2nd April 2015.

2. Invited me as a Chair Person for the Session in the **IEEE International Conference on Computational Intelligence and Computing Research, Podhigai**, organized at Vickram College of Engineering, Madurai on 11th December 2015.
3. Invited me as a Chair Person for the Session in the **National Conference on Computational Methods, Communication Techniques and Informatics**, organized at Gandhigram Rural Institute – Deemed University, Gandhigram on 28th January 2017.
4. Invited me as a Chair Person for two days UGC Sponsored **National Conference on Advances in Computer Science and Engineering** organized by Department of Computer Science and Engineering, Government Science College (Autonomous), Bangaluru on 16th and 17th February, 2017.
5. Invited me as a Chair Person for two days **International Conference on Digital India – The Unfolding Opportunities and Challenges** organized by Department of Computer Science and Management, Vivekanandha Institute of Information and Management Studies, Thiruchengode on 2nd and 3rd March 2017.

Guest Lecture

1. Gave a Guest Lecture on “**Computer Networks: Multiple Access Protocol**” for BCA students, Department of Computer Science, Mother Teresa Women’s University College, Kodaikanal. on 30th and 31st March 2017.

Certificate of Appreciation

1. Presented a paper in the National Conference on Prominent Challenges in Information Technology (PCIT – 2015) on “**An Introduction to Biometric Authentication Techniques**”, organized by ComSTA, Department of Computer Science, at St. Joseph’s College of Arts and Science for Women, Hosur, Tamilnadu, India on 8th December 2015.