

RESUME



**DIRECTOR I/C
COMPUTER CENTRE
GANDHIGRAM RURAL UNIVERSITY
GANDHIGRAM - 624 302
TAMIL NADU - INDIA**

Educational qualifications

- **Ph.D in Computer Science from Gandhigram Rural University, Gandhigram, 2007**
Ph.D Title : Development of New Image Compression Methods
- **P.G Diploma in Computer Methods from Madurai Kamaraj University, Madurai, 1989**
- **M.Sc. Statistics from Madras University, Madras, 1984**
- **B.Sc. Statistics from Madras University, Madras, 1982**

Experience

- **Teaching**

Course	Years of service
Master of Computer Applications(MCA)	18
M.Sc.(Maths & Computer Applications)	6
M.Sc (IT)	4
B.L.I.Sc	1
PGDCA	5
Certificate Courses	13

Research

- Guiding M.Phil students of Madurai Kamaraj University Evening college
- Guiding Ph.D Scholars of Barathiyar University, Coimbatore

Software Development

24 years of experience in developing and maintaining software for

- University Examination System
- Student Profile System
- Personnel Information System
- GRI Information Management System since 2013
- Developed university website during 2000 and maintained till 2004.
- Software advisor for University Examination System, Mother Teresa Women's University, Kodaikanal since 2000

Network Management

- Actively involved in planning and implementation process of University campus network
- Maintaining the campus wide network
- Maintaining the Wi-Fi Network
- Maintaining intranet mail server
- Maintaining intranet web server

Computer Lab Maintenance

- Actively involved in the formation new University Computer Centre during 1997
- Actively involved in the formation of Computer Centre in a new building from GRU during 1999
- Actively involved in the formation of Network LAB for MCA during 2002.
- Actively involving in the formation for E-Content development and Training Lab for the University, 2007

- Actively involving in the formation for Internet Browsing centre for the University, 2007

Publications

International

1. Low Computational Image compression Scheme based on *Absolute Moment Block Truncation Coding*, Enformatika Transaction on Engineering, Computing and Technology Vol. 13, May 2006, pp. 184-190 ISSN 1305-5313.
2. *An Image compression Scheme based on Predictive and Interpolative Absolute Moment Block Truncation coding*, International Journal on Graphics Vision and Image processing, Vol.6, Issue 4. pp. 33-37, December 2006.
3. *A New Predictive and Interpolative Image compression Scheme based on Block Truncation coding*, International Journal of Soft Computing, Vol. 2, No. 2, pp 124-128, 2007.
4. *An Improved low complexity Image compression scheme based on Absolute Moment Block Truncation coding*, The special issue recent trends in Computational Mathematics and its Applications published by International Journal of Mathematical Sciences, Serial Publications, Vol. 6, No. 3-4, pp 263-273, June-December 2007.
5. *An Image compression Scheme based on Predictive and Interpolative Absolute Moment Block Truncation coding*, Graphics Vision and Image processing (GVIP) Special Issue on Image Compression, ICGST, pp. 67-71, 2007.
6. *Low Computational Image compression Scheme based on Absolute Moment Block Truncation Coding*, International Conference on Signal Processing, Budapest, Hungary, May 2006.
7. *Impact of Computer Simulation in learning Science, International Convention on virtual Education : Issues, Challenges and prospects” at Consortium for Educational Communication (CEC), UGC, New Delhi, India, February 2012*
8. *Image data hiding in Images based on Interpolative Absolute Moment Block Truncation coding”*, International Conference on Mathematical Modeling and Scientific Computation (ICMMS 2012), March 16-18 2012, Gandhigram Rural Institute Deemed University Gandhigram TamilNadu India.

9. *Edge Detection for Medical Image Segmentation - A review*, International Symposium On Emerging Trends in DNA and Membrane Computing, 17th September 2014, Jayaraj Annapackiam College for Women, Periyakulam, Tamilnadu, India.

National

1. *Modified Block Truncation Coding for Image compression*, Proceedings of the UGC-SAP(DRS) National Conference on Computing and Mathematical Modeling, Department of Mathematics, Gandhigram Rural University, Gandhigram, India, March 2005.
2. *Who needs Information in Rural Area*, XXVII Social Science congress, Gandhigram Rural Institute, Gandhigram January, 2005.
3. *Low computational Image Compression Scheme based on Absolute Moment Block Truncation coding*, proceedings of The 6th National Conference on recent Trends in Advanced computing, Department of Computer science and Engineering, Manonmaniam Sundaranar University, Tirunelveli, India, February 2006.
4. *Image compression scheme with low computation based on Absolute Moment Block Truncation Coding for Image compression*, Proceedings of the UGC-SAP(DRS) National Conference on Intelligent Optimization Modeling, Department of Mathematics, Gandhigram Rural University, Gandhigram, India, March 2006.
5. *An Image compression scheme with interpolative Block Truncation coding for gray scale Images*, Proceedings of the National Conference on knowledge Management and data Mining 2006 , Department of Computer Applications, PSNA college of Engineering and Technology, Dindigul, India, April 2006.
6. *Telematics - Global trends an overview*, National conference on Current Trends in Telematics, Sri Ram Engineering college, Chennai, India, October 2009.
7. *A new Approach using Image Processing Technique for Highway Applications*, National Conference on Image processing (NCIMP 2010), Gandhigram Rural Institute – Deemed University, Gandhigram, February 2010..
8. *Role of ICT Centre in Gandhigram Rural Institute – Deemed University : A four dimensional view*, National conference on Jamia Millia University, New Delhi, India March 2010

9. *Role of GIS and GPS in Intelligent Transport system – An Overview, National Seminar on Spatial Strategies For Sustainable Management(SSSM 2011), Bharathidasan University, Tiruchirapalli, India, February 2011.*
10. *Low Complexity method for Hiding Fingerprint in Face image, National Conference on Computational Intelligence in Electrical and Electronics Engineering during 21.02.2013 – 22.02.2013 at Satyabama University, Chennai.*

Research paper reviewer

1. International Conference on Logic, Information, Control & Computation 2011, February, 25-27, 2011, Gandhigram Rural Institute Deemed University Gandhigram TamilNadu India.
2. Indian Journal of Science and Technology (<http://www.indjst.org>), 2010
3. Journal of Extension , Gandhigram Rural Institute – Deemed University, Gandhigram , 2010
4. International Conference on Mathematical Modelling and Scientific Computation (ICMMSC 2012), March 16-18 2012, Gandhigram Rural Institute Deemed University Gandhigram TamilNadu India.

Study Material

- Prepared Distance Education Study material for BCA, Madurai Kamaraj University, Madurai, 2009

E- Content Material

- Prepared Econtent material on Sociology for Madurai Kamaraj University, Madurai, 2009

Membership in Board of Examiners

- Mother Teresa Women's University
- Manonmaniam Sundaranar University , Tirunelveli
- Bharathidasan University, Tiruchirapalli
- Bharathiar University, Coimbatore
- Fatima College (Autonomous), Madurai
- Gobi Arts College(Autonomous), Gobichettipalayam

- GTN Arts College (Autonomous), Dindigul.
- Thiagarajar college of Engineering, Madurai.
- St.Joseph's College, Tiruchirapalli
- American College (Autonomous). Madurai.
- Jayaraj Annapackiam College for women, Periyakulam.

Board of Studies and Academic Council Meeting

- Member, Board of Studies for Computer Science and Applications, Gandhigram Rural University, Gandhigram since 1995.
- Member, Board of Studies for Computer Science , Jayaraj Annapackiam College for women, Periyakulam during 2006-2009
- Special Invitee, Board of studies for M.Ed programme, Gandhigram Rural University, Gandhigram. 2006
- Special Invitee, Board of studies for P.G.Diploma in Educational technology, Gandhigram Rural University, Gandhigram. 2008
- Member, Board of Studies for Education, Gandhigram Rural University, Gandhigram since 2010
- Special invitee for Academic Council , Gandhigram Rural University, Gandhigram, 1999.
- Served as Member of CBCS committee formed for framing CBCS regulations for Gandhigram Rural University, Gandhigram.

Administrative Experience

- Serving as Director i/c Computer Centre, Gandhigram Rural Institute - Deemed University, Gandhigram since March 2014
- Served as Head i/c , Department of Computer Science and Applications and Computer Centre, Gandhigram Rural University, Gandhigram during Feb. 1999 to July 1999.
- Served as Placement Coordinator for MCA campus recruitment for the year 1998-99 at Gandhigram Rural University, Gandhigram.
- Served as Course coordinator for two batches of ITN Training to TWAD Board administrative Staff during May 1999 at Gandhigram Rural University, Gandhigram.

- Served as Purchase Committee member for Rural Technology Centre, Gandhigram Rural University, Gandhigram during 1999-2001
- Served as Purchase committee member for Campus Wide Network, Gandhigram Rural University, Gandhigram during 2003
- Served as Purchase committee member for Internet Browsing Centre, Gandhigram Rural University, Gandhigram during 2006
- Served as Purchase Committee member for Lab For E-Content Training and Development Centre, Gandhigram Rural University, Gandhigram 2006
- Served as Purchase Committee member for Up gradation of University Computer Centre , Gandhigram Rural University, Gandhigram 2007
- Served as Selection committee member for the selection of Lecturer for Parvathy Arts and Science College, Dindigul, 2005 , 2006 and 2007
- Served as Selection committee member for for the selection of Lecturer for PVP College, Dindigul, 2003,2004, and 2005
- Serving as software consultant for the Office of the Controller of Examinations, Mother Teresa University, Kodaikkanal since 2002.
- Served as Selection committee member for the selection of system Analyst , Mother Teresa Women's University, Kodaikkanal, 2009.
- Serving as Subject Expert (computer Science) for Dr.Soundaram Community College , Gandhigram recognized by IGNOU, New Delhi, since 2009.

Training Programme Participated

Econtent

- Attended Training programme on “Capacity Building programme on Multimedia and E-content development ” at Consortium for Educational Communication (Inter-University Centre of UGC), NSC Campus, NewDelhi-110067 during 4th – 23rd July 2005.

Online Registration

- Attended Trainings online registration of Tamil Nadu Professional course entrance Examinations at Anna University, Madras (Feb. 2004 , March 2005 and April 2006)

Network management

- Attended Training on Basics of Networking, UGC-Infonet and its management at ERNET INDIA, New Delhi during 28th August to 2nd July 2003.

Website Development

- Attended Training on developing and maintaining website at NIC Regional Office, Madras, by Tamil Nadu higher Education Board during February 2000.

Course Coordinator

- Course coordinator for two batches of ITN (office Automation software) Training to TWAD Board administrative Staff during May 1999 at Gandhigram Rural University, Gandhi gram.
- Course coordinator for Training programme on E-Content Development during 12.11.07 to 23.11.07
- Course coordinator for Training programme on E-Content Development during 10.12.07 to 20.12.07
- Course coordinator for skill Up-gradation Training programme on Digital Photography & video 09.02.2009 to 23.02.2009
- Course coordinator for skill Up-gradation Training programme on Digital Photography & video 23.02.2009 to 09.03.2009
- Course coordinator for skill Up-gradation Training programme on Digital Photography & video 11.03.2009 to 25.03.2009
- Course coordinator for Computer Training on Office Automation and use of Internet 29.06.2009 to 04.07.09.
- Attended and coordinated the Training programme “Saksham – Teacher Empowerment” organized by Microsoft and Computer Centre, Gandhigram Rural Insitute – Deemed university at Gandhigram from 07/06/2011 to 17/06/2011.
- Coordinated Training programme on Digital videography and photography for NYK youth, Feb 2013 , IDARA-NYK, Gandhigram Rural Insitute – Deemed university at Gandhigram
- Coordinated Two weeks Training Programme on Multimedia for EContent Development for Assistant Professors (Batch - I) of

Gandhigram Rural Institute- Deemed University, Gandhigram during Feb. 2014

- Coordinated Two weeks Training Programme on Multimedia for EContent Development for Assistant Professors (Batch - II) of Gandhigram Rural Institute- Deemed University, Gandhigram during March 2014

Conference Coordinator

- Organising Committee member, AIU, New Delhi sponsored Student Research Convent for South Zone, Gandhigram Rural Institute – Deemed University, Gandhigram, 2013
- Organising Committee member, , UGC sponsored National conference on Image and Signal processing 2012, Dept. of computer science and Applications, Gandhigram Rural Institute – Deemed University, Gandhigram, Feb' 2012.
- Chairperson, Technical committee for computer science Eleventh conference of Tamil Science Congress, Gandhigram Rural Institute – Deemed University, Gandhigram, May 2011
- Coordinator, UGC sponsored National conference on Image processing 2010, Dept. of computer science and Applications, Gandhigram Rural Institute – Deemed University, Gandhigram, Feb' 2010.
- Chairperson, Technical committee for computer science, XXII INDIAN Social Science congress, Gandhigram Rural Institute, Gandhigram , 1998

Guest Lectures, Invited Talks, Inaugural address and Panel Discussion

- Bharathidasan University, Truchirapalli
- Jamia Millia University, NewDelhi
- Arul Anandar College, Karamathur, Madurai
- Fatima college , Madurai
- Madura College, Madurai
- Rev.Jacob Memmorial Christian College, Ambillikkai
- Karpagam Arts and Science College, Gopichettipalayam
- Jayaraj Annapackiam college for women, Periyakulam

- **Government Women's College, Nilakkotai**
- **PSNA College Of Engineering and technology, Dindigul**
- **RVS college of Engineering , Dindigul**
- **Parvathy's of Arts and Science and college, Dindigul**
- **PVP college of Arts and Science, Dindigul**
- **Arulmigu Palaniandavar college of Arts and Science, Palani**
- **Kodiakanal Christian College, Kodaikanal.**
- **Lakshmi College of Education, Gandhigram**
- **Aravindar Polytechnique College, Gandhigram**
- **G.T.N. Arts college, Dindigul**
- **Vidyasagar College of Arts and Science, Udumelpet**
- **Madurai Kamaraj University - Evening College, Dindigul**
- **Gandhigram Rural Institute – Deemed University, Gandhigram**

Research Interest

- **Image Enhancement**
- **Image Processing**

Area of Interest

- **E-learning**
- **E-Content development**

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