

RESUME



Director
Computer Centre
The Gandhigram Rural Institute - Deemed to be University
Gandhigram - 624 302
Tamil Nadu ó 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

Software Development

26 years of experience in developing and maintaining software for

- University Examination System
- Student Profile System
- Personnel Information System
- GRI Information Management System since 2013
- Online Application System 2015
- Online Tuition and Examination fee System 2014

- Developed university website during 2000 and maintained till 2004.
- Student and Staff portal
- 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
 - WiFi network
- Maintaining the campus wide network
- Maintaining the Wi-Fi Network
- Maintaining intranet mail server
- Maintaining intranet 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

Surveillance System

- Actively involved in planning and implementation process during 2015
- Actively involved in planning and implementation additional cameras during 2017

Teaching

Course	Years of service
Master of Computer Applications(MCA)	19
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

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 : Issuses, 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 (ICMMSC 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.*
10. *A Review on Recognition and Classification of Ancient Scripts in Stone Inscriptions Using Image Segmentation Techniques, International Journal of Applied Engineering Research, Volume 10, Number 82, pp 328-332, 2015*
11. *Liver Extraction using Histogram and Morphology, IJRET- International Journal of Research in Engineering and Technology, Volume 5, Issue 01, January 2016*
12. *A Colour Byte Scrambling Technique for Efficient Image Encryption Based on Combined Chaotic Map, IEEE Sponsored International Conference on Electrical, Electronics and Optimization Techniques (ICEEOT), DMI College of Engineering, Chennai, March 2016.*

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 Milia 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.
11. *Role Of Image Processing and its Applications to ICT in Medical Education*, National Seminar on ICT enabled Education for Excellence (NSICTEE - 2016), Department of Education, Gandhigram Rural Institute - Deemed University, Gandhigram, India, February 2016.

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.
5. Journal of Information Processing Systems ([http:// http://jips-k.org](http://http://jips-k.org)), 2015
6. IETE Journal of Research, 2015
7. International Conference on Computing Communication and Automation, Galgotias University, Noida, India, 2015
8. International Conference on Computing Communication and Automation (ICCCA 2016), April 2015, Galgotias University, Grreater Noida, UP, 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 Womens University
- Manonmaniam Sundaranar University , Tirunelveli
- Bharathidasan University, Tiruchirapalli
- Bharathiar University, Coimbatore
- Vels University, Chennai.
- Fatima College (Autonomous), Madurai
- Gobi Arts College(Autonomous), Gobichettipalayam
- GTN Arts College (Autonomous), Dindigul.
- Thiagarajar college of Engineering, Madurai.
- St.Josephs College, Tiruchirapalli
- American College (Autonomous). Madurai.
- Jayaraj Annapackiam College for women, Periyakulam.

- Vels University, Chennai.

Board of Studies and Academic Council Meeting

- Special invitee for Academic Council , Gandhigram Rural University, Gandhigram, since 2015
- Member, Board of Studies for Education, Gandhigram Rural University, Gandhigram since 2010
- Special Invitee, Board of studies for P.G.Diploma in Educational technology, Gandhigram Rural University, Gandhigram. 2008
- 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 for Academic Council , Gandhigram Rural University, Gandhigram, 1999.
- Member, Board of Studies for Computer Science and Applications, Gandhigram Rural University, Gandhigram since 1995.
- Served as Member of CBCS committee formed for framing CBCS regulations for Gandhigram Rural University, Gandhigram.

Administrative Experience

- Serving as Director, Computer Centre, Gandhigram Rural Institute -Deemed to be University, Gandhigram since May 2018
- Serving as Director, Digital Learning Monitoring Cell, Gandhigram Rural Institute -Deemed to be University, Gandhigram since May 2018
- Serving as Course Coordinator for D.Voc (software Development) Programme
- Serving as Joint Course Coordinator for B.Voc (Multimedia Production Technology) Programme

- Serving as Director i/c Computer Centre, Gandhigram Rural Institute - Deemed University, Gandhigram since March 2014
- Member, Examination and Evaluation Reform Committee , Gandhigram Rural University, Gandhigram since 2015
- Convener, Web Site Management Committee, Gandhigram Rural University, Gandhigram since 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.
- Serving as Purchase Committee member for Computer Centre, Controller of Examination and Administrative section , Gandhigram Rural University, Gandhigram since 2014
- Served as Purchase Committee member for Surveillance and Wifi System , Gandhigram Rural University, Gandhigram 2015
- Served as Purchase Committee member for establishment of video conference Hall , Gandhigram Rural University, Gandhigram 2015
- 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 Selection committee member for for the selection of
- System programmer, Mother Teresa University, Kodaikkanal , 2009.

- 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.

Award

- Received Institutional Social Responsibility Award 2018 from Sri.M.Venkaiiah Naidu, Honorable Vice Proesident of India during 34th Convocation on 10th October 2018 at Gandhigram Rural Institute - Deemed to be University, Gandhigram .

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 Insititute . 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 Insititute . 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, First International Conference on Computer Vision, Network and Informatics, The Gandhigram Rural Institute . Deemed to be University, Gandhigram, 2018
- 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, Febq2012.
- 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, Febq2010.
- 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 Memorial 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

Countries Visited

- Singapore
- Dubai
- Israel
- Jordan
- Egypt

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