

CURRICULUM VITAE



1. **Name** : Mrs. M. Mary Shanthi Rani
2. **Designation** : Assistant Professor
3. **Address** : Dept. of Computer Science & Applications
Gandhigram Rural Institute (Deemed University)
Gandhigram - 624 302
Dindigul District, Tamil Nadu, India.
4. **Qualification** : M.C.A. M.Phil.
5. **Additional Qualification** :

Qualified National Educational Testing (NET) conducted by UGC for Lectureship in Computer Applications held in Dec.1996.

6. **Area of Specialization** : Image Compression
7. **Teaching Experience** : 8 Years

8. **List of Research Articles Published / Presented:**

Adaptive Classified Pattern Matching Vector Quantization Approach for compressing images, The 2009 International Conference on Image Processing, Computer Vision & Pattern Recognition Proceedings, ISBN 1-60132-117-1 pp.532-538, July 13-16, Las Vegas, USA

9. **Details of Conferences / Workshops / Training Programmes Attended**

a. **Refresher Course**

Refresher Course on Computer Science & Applications , Dept. of Computer Science & Applications, Gandhigram Rural Institute, Nov. 16th – Dec. 6th, 2005.

b. Orientation Course

Orientation Course on Value Education, Academic Staff College, Madurai Kamaraj University, Madurai, Nov. 1st – Nov. 28th, 2006.

c. National Conferences

- i. National Conference on Computing and Mathematical Modeling, Dept. of Mathematics, Gandhigram Rural University, 25th & 26th March, 2005.
- ii. National Conference on Simulation and Modeling, Dept. of Mathematics, Gandhigram Rural University, March 3rd and 4th, 2007.

d. Regional Workshop

- i. Regional Workshop on Image Processing, Thiagarajar College of Engineering, Madurai, Sep. 10th & 11th, 2003.

10. Resource Person in Training Programmes

- i. UGC sponsored Training Programme for Professors of Gandhigram Rural Institute on ‘Handy commands to work with Computers ‘ at Computer Centre, GRI, Jan. 2005.

11. Corporate Responsibilities at GRU

- i. Deputy Warden, Ladies Hostel, Nov. 2006 – Sep. 2007.

12. Extra Curricular Activities at GRU

- i. Actively involved in National Science Day Celebrations conducted in the previous years and served as member of Committees constituted to conduct various events since 2005.
- ii. Served as Staff Advisor, interFACE – an Intercollegiate Technical Meet organized by the association of the Department in 2005.

13. Contribution at Department Level / Other Departments

- i. Assisted in designing of Curriculum of M.C.A .
- ii. Assist in the preparation of Annual report.
- iii. Assist in the preparation of Compliance Report being sent to AICTE, Chennai.

14. Inter-departmental Academic Association at GRU.

- i.** Handled Courses on **Operating Systems, Systems Programming and Management Information Systems** for M.Sc. (Maths & Computer Applications), Department of Mathematics during 1991-95.
- ii.** Handled Course on **BASIC Programming for Chemistry, M.Sc. Chemistry**, Dept. of Chemistry, 1996.
- iii.** Handled **Part-time Certificate Courses** in **BASIC** Programming, **COBOL** Programming and **C** Programming for the staff and Students of GRU and Public during 1991 – 1994.
- iv.** Assisted in Processing and Preparation of Selection List for UG and PG admission of various departments of GRU, (1994 & 1995).
- v.** Assisted in the Statistical Analysis of Data for the Research Scholars of FROS and FRSS, (1992 – 1995).

15. Extension Activities

- i.** Served as Staff-Incharge for Village Placement Programme (VPP) for M.C.A and M.Sc. IT Students.
- ii.** Involved in the Recruitment of NREGA Employees, 2006.
- iii.** Involved in Conducting Computer Awareness Programmes to the Rural School Children during VPP.
- iv.** Involved in conducting Cultural Programmes on Social issues during VPP.
- v.** Involved in training the School children on various Software Packages like MS WORD, PAINT etc.

16. Scholarships Received

- i.** Merit Scholarship Holder for securing state rank in S.S.L.C board Examination, 1981-83.

17. Membership in Professional bodies

Life member – Indian society for Technical education

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