

**PROFORMA FOR TEACHING STAFF PROFILE**

- |     |                                 |   |   |       |
|-----|---------------------------------|---|---|-------|
| 1.  | Name                            | : | Dr. J.V.R. Murthy   | Photo |
| 2.  | Designation                     | : | Professor   |       |
| 3.  | Department                      | : | Computer Science and Engineering  |       |
| 4.  | Date of Birth                   | : | 02-08-1960  |       |
| 5.  | Date of joining JNTU Service    | : | 06-05-1986  |       |
| 6.  | Residential Address             | : | 7-8-5, Swathi towers, Apt. No. 104,<br>Velamuri Street, Rama Rao Pet,<br>Kakinada, PIN- 533004, A.P.                      |       |
| 7.  | Phone No.                       | : | Mobile: + 91 – 944 044 5995<br>Res: +91 - 884 – 236 1832<br>Office: + 91- 884 – 230 0869                                  |       |
| 8.  | Mail_id                         | : | <b>mjonnalagedda@gmail.com</b>  |       |
| 9.  | Blood Group                     | : | <b>A +</b>  |       |
| 10. | Qualification                   | : | <b>Ph. D.</b>   |       |
| 11. | Experience                      | : | 22  |       |
|     | a) Teaching                     | : | 18  |       |
|     | b) R & D                        | : | 03 ( in parallel with teaching)   |       |
|     | c) Industrial                   | : | 04  |       |
| 12. | Field of specialization         | : | Data Warehousing and Mining   |       |
| 13. | Subjects of interest (teaching) | : | Data Warehousing and Mining,<br>Data Base Management Systems,<br>Unix Programming, Data Structures<br>& Operating Systems |       |
| 14. | No. of Scholars                 | : |   |       |
|     | a) Awarded with Ph.D.           | : | - nil-  |       |
|     | b) Working for Ph.D.            | : | 12 ( JNTU Kakinada), 4 (NU)   |       |

15. No. of M.Tech Project guided : 50
16. Awards received : A Memento of Appreciation was awarded for “**good performance and on schedule completion of People Soft HRMS project**” by Key Span Energy Corporation, New York (the fourth largest power generation company in USA).
17. Titles of books authored : - nil-
18. Membership of Professional bodies : Life Member ISTE
19. Member Curriculum development Bodies (such as BOS) : Member BOS JNTU, Adikavi Nannaya University  
Chairman Board of Paper Setting Acharya Nagarjuna University.
20. Any other distinctions : Played a very prominent role in a \$20 Million project for AXA Client solutions NY, the number one company in Europe for Insurance, with \$900 Billion assets. The individual contribution to the project amounted to \$0.5 Million profit
21. No. of Conferences/Workshops : 04 (Annexure I)  
organized as Coordinator/Chairman (enclose the list )
22. Publications (enclose the list in the given order ) : (Annexure II)
- I. Journals**
- a) Nationals : 01
- b) International : 03
- II. Conferences**

- a) Nationals : 03
- b) International : 06
23. Course/ Conference attended : (Annexure III)  
( enclose the list )
- a) Refresher courses : 02
- b) Orientation courses : 05
- c) Conferences : 02
24. R & D Projects : Completed the Phase I of the R&D project “**CMW (Common Interface Format, Storage, Search / Reporting Interface and Administration Interface).**” In collaboration with BI divisions of **TCS HYDERABAD** and **MUMBAI** .
- 25 Countries visited on academic activity : **USA** - Worked as a ERP Consultant  
for reputed companies  
such as **Key**  
**Span Energy Corporation,**  
**William . M . Mercer** and  
**AXA- Client solutions** for more than  
three years

## ANNEXURE -1

### **Workshops organized:**

1. A three day Workshop on “***Data Warehousing and Data Mining***” with industrial case studies in collaboration with Satyam computers Ltd, WIPRO Ltd and Infotech Ltd during 18<sup>th</sup> – 20<sup>th</sup> Mar 2006
2. Workshop on “***Industry Institute Interaction***” in collaboration with TCS Ltd and Andhra University on 7th September 2007
3. Workshop on “***Data Warehousing and Data Mining***” (With emphasis on Industry oriented Research) in collaboration with TCS Ltd during 8th and 9th September 2007.
4. Workshop on “***Data Warehousing and Business Intelligence (With emphasis on Industry oriented Research)***” in collaboration with TCS Ltd during 9<sup>th</sup> – 11<sup>th</sup> Jan 2008
5. Workshop on “***Deployment of ICT (Train the Trainers)***” in collaboration with AU, TCS and IBM on 19/10/2008
- 6.

## **ANNEXURE -II**

### **International Journal:**

1. “Particle swarm Optimized Multiple Regression Linear Model for Data Classification” accepted for publication in “Applied soft Computing Journal” Elsevier
2. “Hybridized Improved Genetic Algorithm with variable Length Chromosome for Image clustering” Vol.7, No-11, PP.121-131, International Journal of Computer Science and Network Security. Nov 2007
3. “ Data ware Housing and Miming – An Indispensable Computational Tool for real World Problems’ Bulletin of Marathwada Mathematical Society , Mathematics and Computation ( International Journal ) Vol.4, 2004

### **National Journal:**

1. Implementation of an Improved GA for Data Clustering” published in Vol.1 No.3, pp.75-81 November’07 issue of “Technology Spectrum” Journal by JNTU, Hyderabad, .

### **International Conferences:**

1. "An Effectual Hybrid Algorithm for Data Clustering using improved Genetic Algorithm and Nelder Mead Simplex Search" Published in IEEE Computer Society proceeding pp. 498-510 and presented at ICCIMA'07, Sivakasi, 13-15 December 2007. This paper has been short listed for possible publication in a special issue of International Journal of Computational Intelligence and Application (IJCIA).
2. "A Comparative Analysis of unsupervised K-Means, Self Organized PSO for Image Clustering" Published in IEEE Computer Society Proceeding pp. 229-237 and presented at ICCIMA'07 Sivakasi and indexed in IEEE explorer.
3. " Particle Swarm Optimized Data Clustering" XX. International Conference on Computer, Information, and Systems Science, and Engineering April 25-27, 2007 Barcelona, Spain  
(Refereed International Conference with proceedings published)
4. "A new approach of integrating PSO & improved GA for clustering with parallel and transitional technique" ,3<sup>rd</sup> International Conference on Natural Computation (ICNC'07) and the 4<sup>th</sup> International Conference on Fuzzy Systems and Knowledge Discovery (FSKD'07), to be held jointly in Haikou, Hainan, China from 24–27 August 2007 ( IEEE sponsored)
5. " Performance Tuning the Health Insurance Benefits Extracts", published in 6<sup>th</sup> International Congress on Insurance: Mathematics and Economics held at LISBON PORTUGAL on 12<sup>th</sup> July 2002. ( Refereed International Conference with proceedings published)
6. " CAI Package on porting details from Motorola – 68020 based systems" Published in an International Conference Organized by " ALL INDIA ASSOCIATION FOR EDUCATIONAL TECHNOLOGY" at IGNU, New Delhi on 28<sup>th</sup> October 1993(Refereed International Conference with proceedings published)

### **National Conferences:**

1. " Particle Swarm Optimized Joint Session Admission : A proposal",IETE Zonal Seminar on Emerging and Converging communication Technologies ( SECT 07) (Refereed seminar with publication of proceedings)
2. "Pattern Recognition using Data Mining Techniques in CRM" National Conference on " Emerging Trends in Software Engineering and Information Technology" held at Nandyala 14<sup>th</sup> Feb 2004.

3. “An Intelligent Energy Management System for Demand side Management”, National Conference on “ Emerging Techniques in Electrical Engineering” St. Joseph’s College of Engineering Chennai, 23-24 Jan 2004

### ANNEXURE – III

#### **Orientation Courses:**

1. A one week short term course on **DATA BASE TECHNOLOGY** under Information Technology Project at Department of Computer Science & Technology, IIT, Kharagpur.
2. A Two Week short term course on **Probabilistic Operations Research Methods: A Computer Oriented Approach** at Department of Mathematics, IIT, Kharagpur.
3. A Two Week ISTE SUMMER SCHOOL on **Programming Methodology – Modern Trends in Software** at JNTU College of Engineering, Kakinada.
4. A Two Week ISTE SUMMER SCHOOL on **Role of Computers in Instrumentation and Control Systems** at JNTU College of Engineering, Kakinada.
5. A Two Week SUMMER SCHOOL on **Numerical Methods and Computer Applications in Engineering and Science** at CBIT, Hyderabad under Indian Society for Technical Education, AP Section.

#### **Refresher Courses:**

1. A Three Week UGC Sponsored Refresher course on **Advanced UNIX & C** at JNTU, Hyderabad.
2. A Three Week UGC Sponsored Refresher course on **Network Programming at JNTU, Hyderabad.**

#### **Conferences attended:**

- b) 41<sup>st</sup> National Convention of CSI held at Kolkatta in 2006.
- c) A work shop on University Industry Interaction organized by TEQIP at Hyderabad, in 2007