

## BRIEF RESUME of

**Dr. REMELLA AVADHANULU**

BORN ON : 25<sup>th</sup> September, 1948

NATIVE PLACE : Podagatlapalli, East Godavari Dist.,A.P.

PARENTS : Sri RV Suryanarayana &  
Smt. R Lakshmi Narasamma

ADDRESS :H.No.H-34,Madhuranagar  
Hyderabad- 500 038.  
Tel/Fax:040-23812577; 098494 59316  
shrivedabharathi@gmail.com

Dr.RVSS Avadhanulu did his M.Sc.(Nuclear Physics) from Andhra University(1969,First class), M.A. (Sanskrit) from Osmania University (1999, Distinction), M.A(Jyotisha). from PS Telugu University (2002, First class), Ph.D. in Sanskrit from Osmania University (2005), and Ph.D. in Jyotisha from PS Telugu University(2009). He got his training in Computers in 1969, studied Krishna Yajurveda, Vidyaranya Bhashya (part), Mimamsa Sastra,Vedanta Sastra and classical Sanskrit, in a traditional way from eminent Vedic scholars.

Dr. RVSS Avadhanulu started his career as Lecturer in Physics at Govt.Degree College, Razole, during 1970-71. Subsequently he served as Senior Technical Officer at Electronics Corporation of India Ltd, as a Faculty member in the cadre of Professor at Administrative Staff College of India and Jawaharlal Nehru Technological University, and as Senior Consultant to several organizations of Central and State Governments . Dr.Avadhanulu retired as Deputy Director (Computers) at Nizam's Institute of Medical Sciences, Hyderabad . Presently he is serving as Chief Executive of Shri Veda Bharathi, a Public Charitable Trust.

The design of Vedic Database by Dr. Avadhanulu attracted the attention of several scientists and scholars including the then **President of India**, Dr.Shankar Dayal Sharma in 1995,who recorded his appreciation as '**Excellent Work**' and '**first of its kind in the world**'. Dr. Avadhanulu further

received appreciation from the then **Prime Minister**, Shri Atal Behari Vajpayee, ‘ **A dream has come to be true**’ for contribution towards preservation and propagation of Indian sciences recorded in Sanskrit. Dr.Avadhanulu was honoured by **Government of India** in 2003 with the coveted award of “**Sanskrit Mitra**”.

Dr.Avadhanulu was **instrumental in introducing Indian languages to computers for the first time**, with Telugu and Devanagari script, in particular, way back **in 1976**. It was appreciated by the Official language Committee of **Parliament of India**. Among several other works, his contributions in the fields of Numerical Techniques, Ground water flow simulation studies, Predictability of Earth quakes, installation of Tele Medicine system and SunDial systems etc., got world wide acclaim.

He has to his credit the books published on “**Vedas and Computers**”, and “**Science and Technology in Vedas and Sastras**”. Under the banner of Shri Veda Bharathi, ([www.shrivedabharathi.org](http://www.shrivedabharathi.org)) a Public Charitable Trust of Hyderabad, established by him, he has recorded about 600 hours of Vedic chanting, and is organizing **one year Diploma course** with the subjects of Sanskrit, Vedic mathematics, Jyotisha and Vedic Sciences.

Dr. RVSS Avadhanulu is awarded the **Patent/ Intellectual property rights** on “**DESIGN OF COMPUTERISED MULTILINGUAL MULTIMEDIA VEDIC DATABASE**”, with effect from March, 2000.

His lectures on “**Veda Ganitham**” (130 episodes) telecast in Bhakti Channel and “**Veda Vijnanam**” (75 episodes) telecast in SVB Channel are appreciated as highly educative. It is heartening to note that his Veda Ganitham programme got “**Golden Nandi**” Award from the Government of Andhra Pradesh for the year 2008. .

## ACADEMIC BACKGROUND

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| 1. <b>M Sc.</b> (Nuclear Physics), Ist Class     | Andhra University (1969)  |
| 2. <b>M.A</b> (Sanskrit), University First       | Osmania University (1999)                                       |
| 3. <b>M.A</b> (AstroScience),Ist class           | P.S.Telugu University, Hyderabad (2002)                         |
| 4. <b>Ph.D.</b> in Sanskrit                      | Osmania University (2005)                                       |
| 5. <b>Ph.D.</b> in Jyotisha                      | PS Telugu University(2009)                                      |
| 6. <b>Advanced Computer Training</b>             | International Computer Studies(1969-70)<br><b>ECIL(1971-72)</b> |
| 7. Yajurveda (Samhita), Mimamsa<br>Vedanta, etc. | Traditional studies   |
| 8. Research in Vedic Sciences                    | Three decades   |

## DISTINCTIONS

1. Merit Scholarship, Govt. of Andhra Pradesh :1957- 63 (During High School studies),.
2. Merit Scholarship, Govt. of India :1963 – 67 (During College studies).
3. Merit Scholarship, Dept. of Atomic Energy :1967-69 (During University Studies),
4. **PATENT RIGHTS ON VEDIC SOFTWARE Awarded: Govt. of India,2000**

## BOOKS & PAPERS PUBLISHED

1. Science & Technology in Vedas & Sastras
2. Vedas & Computers – Computer Science in Vedas
3. Computerisation of Vedas - Need of the Hour
4. Vaidika Ganitamu-7 Parts (Telugu/English)
5. Towards An Autonomous Temple Administration(English & Telugu)
6. Published about 80 papers in journals of International repute.

## PROFESSIONAL EXPERIENCE

Number of years :40 years

Positions held so far:

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POSITION	ORGANISATION	PERIOD FROM - TO
1.CHIEF EXECUTIVE	Shri Veda Bharathi	2006- Todate
2.DEPUTY DIRECTOR (Computer Facility)	Nizam's Institute Of Medical Sciences. (University & Super Speciality Hospital)	1992 - 2006
3. HEAD OF COMPUTER DIVISION (in the Cadre of PROFESSOR)	Nizam's Institute Of Medical Sciences. (University & Super Speciality Hospital)	1988 - 1992
4. SENIOR CONSULTANT	Jawaharlal Nehru Technological University, State Bank Of India, AP. Industrial Development Corporation Etc.	1983 - 1988
5. CONSULTANT (SENIOR)	Administrative Staff College of India Hyderabad	1979 – 1983
6. SENIOR TECHNICAL OFFICER	Electronics Corporation of India Ltd., Hyderabad	1971 – 1979
7. LECTURER	Govt. Degree College, Razole	1970 – 1971

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## **AWARDS & HONOURS**

1. **Appreciation from Prime Minister of India**, Shri Atal Behari Vajpayee, for bringing out the Vedic Wisdom in CDROMs (April,2000)
2. **Appreciation from President of India**, Dr.Shankar Dayal Sharma, for designing the first Vedic Database (1995).
3. **Appreciation from Official Language Committee of Parliament of India** for design of first Telugu & Hindi FORTRAN Compilers(1976).
4. **Govt. of India Award - "SAMSKRIT MITRA"** – (August,2003)  
In recognition of services for Sanskrit
5. **Madras Telugu Academy Ugadi Puraskar** for 'TREND SETTER' (1997).
6. **Prajna Bharathi Award** for "EXCELLENCE IN NATION BUILDING ACTIVITY"( 1996)
7. **MAN OF THE YEAR**,1999 by ABI, USA
8. **GOLD MEDAL** - Presented by SPYMS (Society for Promotion of Young Mathematicians & Scientists), Hyderabad, for promotion of Vedic Sciences.
9. **Award From Government Of Andhra Pradesh-“Nandi Puraskar” for the year 2008.**  
In recognition of the services in propagating Veda Ganiham,

## **BIOGRAPHY INCLUDED IN**

1. "Who's Who in the World" 15<sup>th</sup> Edition - 1998 : MARQUIS, USA
2. "Dictionary of International Biography" : IBC, ENGLAND
3. "2000 Outstanding Scientists of The 20<sup>th</sup> Century" : IBC, ENGLAND
4. "The International Dictionary Of Distinguished Leadership" : ABI, USA

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**SPECIAL STUDIES OF SANKRIT WORKS\_ FROM 1957**

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<u>SUBJECT</u>	<u>FROM</u>
I. YAJUR VEDA SAMHIT	Sri Remella Bapanna Deekshitulu Ghanapathi  Sri Nittala Ananta Avadhani  Sri D.A. Poundarika Yajulu Ghanapathi  Sri Kunapuli Venkatachalapathi Sarma
II. MIMAMSA (Part)	<i>MAHAMAHOPADHYAYA</i> Sri Remella Surya Prakasa Sastry, Awardee of President of India
III. VEDANTA SASTRA(Part 1)	<i>MAHAMAHOPADHYAYA</i> Sri Dongare Veerewara Krishna Sastri, Awardee of President of India
IV., VEDANTA SASTRA(Part 2)	<i>MAHAMAHOPADHYAYA</i> Prof. Pallela SriRama Chandrudu,, Awardee of President of India
V. VIDYARANYA BHASHYA (Part)	Sri Rama Swamy Ghanapathi “VYAKARANA ALAMKARA”
VI. ALAMKARA SASTRA	Sri Sribhashyam Appalacharya Sri Someshwra Sastry
VII. CLASSICAL SANSKRIT	Sri Remella Suryanarayana Murthy
VIII. JYOTISHA SASTRA	Sri CBV Subrahmanya Sastry

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## **SERVICES OF Dr.RVSS AVADHANULU FOR THE CAUSE OF VEDAS**

### **I. INTRODUCTION OF COMPUTER TECHNOLOGY TO VEDAS- FOR THE FIRST TIME**

1. Dr.RVSS Avadhanulu introduced Computer technology to the Vedas for the first time and demonstrated the same at the National Vedic Conference, Tirupati in 1992,.
2. This attracted the attention of the entire Vedic Community including Dr. Shankar Dayal Sharma, the then Vice President of India, who inaugurated the Conference.
3. The unique technique introduced by Dr. RVSS Avadhanulu opened up a whole new world and a new trend, which is now followed by several Vedic Scientists throughout the globe.

### **II. PRESERVING VEDIC TEXTS IN COMPUTERS- FOR THE FIRST TIME**

Dr. RVSS Avadhanulu tookup a unique project to put all **Vedic texts** in computer media for their eternal preservation. The first set of Vedic floppy discs for Yajurveda (Taittiriya Sakha) were presented to Dr. Shankar Dayal Sharma, President of India, 1995

### **III. PRESERVING RARE VEDIC CHANTINGS IN COMPUTERS- FOR THE FIRST TIME**

1. The **Vedic chantings** of the Pandits are recorded in the computers and are preserved on CDs. The modes of chanting include:

- Samhita
- Pada
- Krama
- Jata
- Mala
- Sikha
- Rekha
- Dhwaja

- Danda
  - Ratha and
  - Ghana
2. So far, first three adhyayas of Rigveda with all 11 different modes of Chantings are recorded. For the remaining portion of all the 8 ashtakas , recording of Samhita, Pada, and Krama, are completed. Recordings of Danda and Jata are in progress.

#### IV. DESIGN OF MULTIMEDIA CD ROMs FOR VEDAS- FOR THE FIRST TIME

1. Dr. RVSS Avadhanulu took UP an exciting project of **designing** the **Multimedia CD ROMs for Vedas**. This allows simultaneously:
  - Display of original mantra text in Devanagari with Swara symbols
  - Display of Telugu/Hindi translations of the mantra
  - Display of English translation of the mantra
  - Display of a graphics drawn for the mantras
  - Display of encyclopaedia information if the Mantra available, like
  - Identification code
  - Rishi
  - Devata
  - Chandas
  - Kanya
  - Alamkara
  - Modern subject like physics and chemistry to which the mantra appears to be related.
  - Names of the authors for translation
2. The multimedia work related to the following is completed:
  - Rigveda**- first three adhyayas of the first Ashtaka of (Sakala branch) The
  - **Yajurveda**-3 Adhyayas of first prapathaka (taittiriya sakha)
  - ShriRudram** - Namakam, Chamakam, Purusha Suktam, Manyu Suktam, Mantra Pushpam and Laghunyasam
  - Medicine in Vedas** – Version 1 –(diseases, treatment & herbal plants)
3. The first batch of 23 CD ROMs were released by **Shri Atal Bihari Vajpayee**, Prime Minister of India, on 14 the April, 2000.
4. The second batch of 15 CD ROMs were released by **H.H. Swami Tejomayananda**, President of Chinmaya Mission, World wide, on 14<sup>th</sup> Sept'2000.

5. The Audio DVD, containing the entire Rigveda Samhita (64 chapters, with more than 10,000 mantras), was released by Param Pujaniya **Shri Mohanraoji Bhagawat**, SarsanghChalak of Rashtriya Swayamsevak Sangh, at Hyderabad, on 24<sup>th</sup> July, 2011.

## **V FUNDAMENTAL RESEARCH IN “VEDIC MIMAMSA”**

1. Dr. RVSS Avadhanulu established for the first time that Mimamsa Sastra has lot of information useful for computer science. He discovered that the approach of computer compilers in translating the statements of computer languages is found to closely follow the approach of Mimamsa sastra. He also observed that certain aspects, which are well established in Mimamsa are not yet implemented in computers. Describing all his research findings, Dr.Avadhanulu has written a book titled **“VEDAS AND COMPUTERS – Concepts of Computer Compilers in Vedic Mimamsa”**.

## **VI FUNDAMENTAL RESEARCH IN “VEDIC SCIENCES”**

1. Dr.RVSS Avadhanulu discovered several Vedic mantras which are related to modern sciences like Physics, Chemistry, Mathematics, Space Science, Solar Systems and Microbiology. He also observed that many mantras have perfect correlation with modern scientific principles, while a few of them have near identical concepts.
2. Dr. RVSS Avadhanulu has brought out all those research findings in the book titled **“Science and Technology in Vedas and Sastras”**.

## **VII FUNDAMENTAL RESEARCH – FOR COMPUTER COMMUNICATION USING INDIAN LANGUAGES**

1. Till 1975, the computers were having English as the only medium for data entry and information retrieval.
2. Dr. RVSS Avadhanulu and his team introduced Computer Communication with Indian languages for the first time, by designing and developing Telugu FORTRAN and Devanagari FORTRAN compilers in 1976.
3. The Official Language committee of Parliament of India appreciated this achievement and encouraged further, because of which it has become possible to have all communications in computers using Indian languages.

4. This paved the way subsequently for design of Vedic Database in Computer Systems.

## **VIII PROPAGATING VEDIC KNOWLEDGE -THROUGH COMPUTERS**

1. Dr. RVSS Avadhanulu has uniquely contributed for the propagation of **Vedic knowledge and Sanskrit** using the powerful medium of Internet facility of computers.
2. The following Websites are created for accessing the Vedic information and for learning Sanskrit by the Internet users:  
[www.shrivedabharathi.org](http://www.shrivedabharathi.org)  
[www.shrivedabharathi.in](http://www.shrivedabharathi.in)
3. The website [www.shrivedabharathi.org](http://www.shrivedabharathi.org) was inaugurated by Sri Atal Bihari Vajpayee, Prime Minister of India, on 14<sup>th</sup> April, 2000.

## **IX PROPAGATING VEDIC KNOWLEDGE-THROUGH PRESS & ELECTRONIC MEDIA**

Dr. RVSS Avadhanulu has been spreading the message of Vedas utilizing the mass media, viz. Television, Radio and Press. His talks are covered under repeat programmes on several channels.

## **X PROPAGATING VEDIC KNOWLEDGE -THROUGH PUBLICATIONS**

1. Dr. RVSS Avadhanulu published several articles on Scientific aspects of Vedas in various journals of international repute.
2. In addition Dr. RVSS Avadhanulu has been encouraging other talented writers for bringing out books on Vedic Sciences. The books 'Vaidika Chandas', and 'Enchanting Echoes' published by Shri Veda Bharathi belong to that category.

## **XI PROPAGATING VEDIC KNOWLEDGE- THROUGH DEMO – LECTURES**

1. For creating interesting among the public on the subject of Vedas, Dr.RVSS Avadhanulu has been delivering lectures at various Institutions through out the country.

## **XI. ORGANISED WORLD VEDIC CONFERENCES**

1. Dr. RVSS Avadhanulu organised a World Vedic Conference at Hyderabad in 1994 with participants from several countries like USA, UK, Italy and Nepal.

2. Dr. RVSS Avadhanulu participated in a World Vedic Conference at New Delhi, 1998. He demonstrated the Vedas in Computers.
3. Dr. RVSS Avadhanulu participated in organizing an International Vedic Conference at Srisailam in 2001.

### **XIII. ORGANISED WORKSHOPS ON VEDIC MATHEMATICS:**

With a view to propagate the Vedic knowledge among the students and youth, Dr. RVSS Avadhanulu conducted several workshops on Vedic mathematics at several colleges and Institutions including Bharatiya Vidya Bhavan, Hyderabad.

### **XIV. ESTABLISHED “SHRI VEDA BHARATHI” – A TORCH BEARER FOR POSTERITY**

In view of the fast changes occurring in technology, Dr. RVSS Avadhanulu visualised the need for institutionalization of the activity of adopting the latest technologies to Vedas, on a continuous basis. Accordingly Dr. RVSS Avadhanulu established **SHRI VEDA BHARATHI**, a Public Charitable Trust, at Hyderabad in 1994, exclusively for this purpose.

### **XV. DOCTOR OF PHILOSOPHY IN VEDIC SCIENCES**

Sri RV SS Avadhanulu is declared qualified for the award of degree of Doctor of Philosophy ( Ph.D) from Osmania University. His thesis was on the topic of “Aspects of Science and Technology in Vedas and Sastras”, submitted through the Department of Sanskrit.

### **XVI. DOCTOR OF PHILOSOPHY IN JYOTISHA**

Dr. RVSS Avadhanulu is declared qualified for the award of degree of Doctor of Philosophy ( Ph.D) from PS Telugu University. His thesis was on the topic of “Predictability of Earth quakes”, submitted through the Department of Jyotisha &Vastu.

### **XVII. PATENT RIGHTS ON VEDIC SOFTWARE AWARDED**

Dr. RVSS Avadhanulu is awarded the patent/ intellectual property rights by the Patent Office of Government of India, Chennai Branch, on “**DESIGN OF COMPUTERISED MULTILINGUAL MULTIMEDIA VEDIC DATABASE**”, with retrospective effect from March, 2000.

### **XVIII. AWARD FROM GOVERNMENT OF INDIA**

In recognition of the services of Dr. Avadhanulu to Sanskrit in general, and to Vedas in particular, he was honoured by **Government of India** in 2003 with the coveted award of “**Sanskrit Mitra**”.

**XIX. AWARD FROM GOVERNMENT OF ANDHRA PRADESH**

In recognition of the services of Dr.Avadhanulu in propagating Veda Ganiham, he is being honoured by **Government of Andhra Pradesh** with the coveted award of “**Nandi Puraskar**” for the year 2008.

## Application Software Projects:

Project	Client	Remarks
1. Automated Water Distribution Planning System For The City Of Jaipur	World Bank	World Bank Project For Govt. Of Rajasthan, India.
2. Computerised Project Management System	Govt. Of Bulgaria	Project Management software , Covering Time, Resource And Cost
3. Production, Planning, and Control Using PDP-8 Computer	Govt. Of Bulgaria	Application software For production, planning and control
4. Network Analysis Using Mini Computers	Govt. Of Bulgaria	Integrated software for operating a network of activities
5. Train Movement Monitoring System Using Intel-8758	Govt. Of India	Signal analysis as part of Accident Warning System
6. Single Track Simulation System For Railways	Rites (Rail India Technical And Engineering Services), New Delhi,	Simulation software For Effective Utilization of railway track
7. Andhra Pradesh State Finance & Accounting System	Govt. Of Andhra Pradesh	Report generation software
8. Way Bill Data Processing System	Govt. Of Andhra Pradesh	Integrated Information system for Commercial Tax Department.
9. Inter Dealer Transaction System	Govt. Of Andhra Pradesh	Software For Comprehensive Tax Assessment.
10. Electronic Spread Sheet System	Electronics Corporation Of India Ltd., Hyderabad	Design of System Software For Micro-32 Computer
11. Integration Of Scientific Software For TDC-312 Computer	Electronics Corporation Of India Ltd , Hyderabad	For Marketing Of TDC-312 Computer For Scientific Applications.
12. Data Bank Administrative System	Survey Of India	Software Developed In BASIC And FORTRAN and operational on Micro Computers
13. Computerised Management Information System(BSR)	State Bank Of India, Andhra Pradesh	Reports For Reserve Bank Of India
14. Computerised Basic Statistical Returns	State Bank Of India, Orissa	Reports For Reserve Bank Of India

15. Computerised Purchase Order System	A.P. Scooters Ltd.	Part of Integrated Material Management System
16. Stores Accounting System	A.P. Scooters Ltd. Patancheru	Part of Integrated Material Management System
17. Inventory Control System	A.P. Scooters Ltd.,	Part of Integrated Material Management System
19. Systematic Assessment And Selection Of Computer System.	Praga Tools Ltd.	Selection of a Computer System for Praga tool applications
20. Commercial Business Plan System	Allwyn Nissan Ltd	Business Plan Software for AllwynNissan
21. Share Register Development And Maintenance System.	Hyderabad Lamps Ltd.	Software For Handling Public Issues.
22. Computerised Information System For Effective Utilisation, Protection And Conservation Of Ground Water Resources.	State Ground Water Department, A.P.	Software For Hydrologists & Hydrogeologists For Effective Water Management.
23. Computerised Ground Water Resource Information System For Efficient Planning Of Rural Electrification Programmes	Rural Electrification Corporation, New Delhi.	Very Effective Tool Designed For Successful Execution Of Rs. 800 Crore Project Of Rural Electrification Corporation.
24. Computerised Audit Of Cotton Price Support Operations Specific To Stock Information, Financial Accounting And Management Information System.	A.P. Markfed Hyderabad	Software for Detailed Audit Of transactions related to Cotton Stock And Finances of AP Marked.
25. Computerised user charges accounting System.	Nizam's Institute of Medical Sciences, Hyderabad	Hospital software
26. Automated Pay Roll System	Nizam's Institute of Medical Sciences, Hyderabad	Hospital software
27. Computerised Registration & Reporting Of Out-Patients.	Nizam's Institute of Medical Sciences, Hyderabad	Hospital software
28. Software For Integrated Management Of Surgical Stores, Medical Stores, Operation Theaters, Wards & Labs.	Nizam's Institute of Medical Sciences, Hyderabad	Hospital software
29. Computerised Information System For Dept. Of Radiology & Imageology.	Nizam's Institute of Medical Sciences, Hyderabad	Hospital software

## **Research Projects:**

Project	Salient Features
30. Rolling Array System For Solution Of Large Matrices (Of The Order Of 5000 X 5000)	The new programming technique revolutionized the sparse matrix solution procedures on IRIS-55 computer (1981).A solution that required 3 hrs. Of computer time for each run in the conventional methods could be obtained in just 90 seconds using this system.
31. Inverse Technique For Determining Important Parameters Of Fluids.	The conventional “trial and error” method was requiring about 80 computer runs, costing about Rs.50,000/-. The program developed with the new technique determines the parameters in a single computer run costing Rs.700/- only.
32. Virtual Data Space Concept	This enables the programmers to overcome the memory restrictions of mini-computers with inherent hardware limitations.
33. Flow Simulation On Spectrum – 7 Micro Computer	Earlier ground water simulation could be done only on large computers like IBM370 which are less in number and also not easily accessible. The new program developed could be executed on any micro computer.
34. Hindi FORTRAN And Telugu FORTRAN Systems	Designed the first ever Indian language FORTRAN compilers. Successful completion of this project introduced a new method of programming and communication in Indian languages. This was chosen as the theme of a special conference organized by Electronics Commission in New Delhi, 1978 and it received wide appreciation from all cross sections including official language committee of Parliament of India.
35. Computerised Database Model For Vedas And Sastras	Designed the first database model and query handling system of Vedas And Sastras In Sanskrit. The model was very much appreciated by His Excellency Dr. Shanker Dayal Sharma, Vice President Of India., while inaugurating the conference on Vedas and Sastras at Tirupati on 29-01-1992.
36. Computerised Statistical Study Of Acute Myocardial Infarction.	Research Software For Dept. Of Biochemistry, NIMS.
37. Computerised Study Of Mitral Valvular Disease And Retrospective Analysis On Carnial Transplantation.	Research Software For Dept. Of Pathology, NIMS.
38. Software For Detection Of Micro Organism Distribution W.R.To Drugs, And Seasonal Variations	Research Software For Dept. Of Microbiology, NIMS.
39. Design Of Software For Cardiac Database Applications.	Research Software For Dept. Of Cardiology, NIMS.

## Design & Development Of System Software:

Project	Computer
53. Fortran IV Compiler System To Generate Executable Code	TDC – 316
54. De-Assembler	TDC – 316
55. Fortran IV Compiler System To Generate And Execute Interpretive Code	TDC – 312
56. Simulator of TDC – 316 For Micro – 78	MICRO – 78
57. Single Precision Floating Point package	TDC – 316
58. Double Precision Floating Point Package	TDC – 316
59. Mathematical Library System	IRIS – 55
60. Simulator Of MCS – 8	TDC – 316
61. Fortran IV System	MICRO - 78
62. Memory Management System For FORTRAN Users	IRIS – 55
63. Spread Sheet System	MICRO – 32
64. Sparse Matrix Handling System	EC – 1030
65. Health Card Data Base Modeling System	Action – Station

## Student Projects Guided:

1. Computerised Project Appraisal System	MBA, 1989, Osmania University
2. Computerised Out-Patient /Inpatient Information System	P.G. Diploma, 1989, Hyderabad Science Society
3. Computerised Hospital Management Information System	B.E., 1990 Shri Guru Gobind Singhji College Of Engineering & Technology Nanded.
4. Computerised Drug Information System.	M.C.A, 1991 Univ. Of Hyderabad
5. Patient Medical Record And Reports Computerisation	B.E., 1991 Osmania University
6. Computerised Maintenance And Bed Allocation For Paying Room Block Of NIMS	D.C.A., 1991 Osmania University
7. A Computerised Study, Design And Development Of Stock Accounting System	MBA, 1991, IGNOU, New Delhi
8. Computerisation Of Hospital Maintenance Information Flow	M.C.A. 1992, IGNOU, New Delhi
9. Computerised Faculty Information System, NIMS.	PGDCA, 1993, Bhavan's Centre For Computer Studies.
10. Credit Billing In Hospital Information System	PGDCA, 1992 Setwin Institute Of Management & Computers
11. Computers In Medicine	PGDCA, 1992 NIIT
12. Analysis Of Statistical Data On Diagnostic & Operation Procedures	BMRSC, 1993, NIMS
13. Software For Management of Stores	MCA.1993, Osmania University
14. Hospital Information System For Cardiology Unit.	B.Sc. (Computer Sciences) Osmania University
15. Characteristics & Application Of Computers In The Field Of Medicine	MCA, 1993 Osmania University
16. Computerised Out-Patient Information System	PGDCA,1994 Vivekananda School Of Postgraduate Studies
17. Design & Development Of Oracle based Material Management System For Pharmaceutical Stores, NIMS	MCA, 1994, Osmania University
18. Design and Development of Computerised Information System for Microbiology Department of Superspeciality Hospital NIMS	MCA,Andhra University,2002
19. Computerisation of Out-patient Information system	MCA, Andhra Loyola college, Vijayawada,2003
19.Telemedicine project for NIMS Hospital,	B.Tech(Computer Science& Information

	Technology),JB Institute of Engg& Technology,Hyderabad
20. Computerised Inpatient Billing System	MCA,2004,Jawaharlal Nehru Technological University

### Faculty:

Course	Organiser
1.Design of system software- Compilers & Interpreters	Electronics Corporation of India Ltd Hyderabad
2. Investment Planning And Project Evaluation – 12	Administrative Staff College Of India, Hyderabad
3. Production Management	Administrative Staff College Of India, Hyderabad
4. Third Intensive Programme On Computers And Management System	Administrative Staff College Of India, Hyderabad
5. Eleventh Course On Advance Computer System	Administrative Staff College Of India, Hyderabad
6. Investment Planning And Project Evaluation	Administrative Staff College Of India, Hyderabad
7. Fourth Intensive Program On Computers	Administrative Staff College Of India, Hyderabad
8. PDP-11Software For Real Time Applications	National Geophysical Research Institute, Hyderabad
9. IRIS – 55 Software For Scientific Applications	Bharat Heavy Electrical Ltd., Hyderabad
10. Computer Appreciation Programme	Govt. Of Andhra Pradesh
11. Computer Programming Languages Programme	Govt. Of Andhra Pradesh
12. Modern Methods & Techniques In Hydrological Data Processing	Centre For Water Resource, JNTU (4 Batches)
13. Identification & Assessment Of Irrigation projects	A.P. State Irrigation Development Corporation
14. Intensive Training Programme On Data Base Management For Office Managers	A.P. Markfed, Hyderabad
15. P.G. Diploma Course in Computer Programming	Shis Software Consultancy, (14 Batches)
16. Course – I Design And Operation Of Computerised Pay Roll System	NIMS, Hyderabad
17. Course – II Intensive Training Programme on Computerised Outpatient/ Inpatient Service Information System	NIMS, Hyderabad
18. Course – III Computer Appraisal Programme For Senior Officers Of NIMS ( 2 Batches)	NIMS, Hyderabad
19. Course – IV Programme on Procedures And	NIMS, Hyderabad

Operations of Pharmaceutical Stores Software System	
20. Course – V Concepts Of Hardware, Software and Programming -For The Students Of Diploma In Cardiovascular Technology.	NIMS, Hyderabad
21. Course – VI Computer Concepts & Programming For Efficient Management Of Hospitals -For the Students Of Batchelor Of Medical Records And Computer Sciences	NIMS, Hyderabad
22. Course – VII Computers In Radiology & Imageology – For The Students Of Diploma In Radiology	NIMS, Hyderabad
23. Course – VIII Computerised Statistical Data Processiong -For Doctors	NIMS, Hyderabad
24. Course – IX Computer Appraisal Programme For Doctors & Nurses	NIMS, Hyderabad
25. Course –X Operation Of Computer Network For Out Patient And In Patient Services -For Doctors, Nurses And Technical Staff (About 800 No.)	NIMS, Hyderabad