

CURRICULUM VITAE

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Aims: To create a stimulating and research oriented environment and inculcate rich moral values among students.

Educational Qualifications:

- Pursuing part-time Ph.D from IIT Madras .
- B.Ed (Mathematics and Physical Sciences) from Osmania University in 2008 with first division.
- M.Phil from Manonmaniam Sundarnar University, Tirunelveli, Tamil Nadu, India in 2005 with specialization in Crystal Growth and Characterization.
- M.Sc (Physics) from Osmania University in 1999 with first division with specialization in Opto Electronics.
- B.Sc, (Maths, Physics and Chemistry) from Nizam College (autonomous) in 1997 with first division.

Additional Qualifications:

- Have done a short term course in MS Office at Aptech, Hyderabad in the year 1999.
- Have done a short term course in C Programming at STG, Hyderabad in the year 2000.
- Have done a short term course in C++ Programming at Aptech, Hyderabad in the year 2000.

Teaching Methodology:

Along with conventional teaching techniques I use OHP and Demo CD Sessions, which make teaching / learning process more interesting and motivating.

Involvement in University Activities:

- ❖ I was appointed as External Observer for the 2003 end examinations and Paper Evaluator (in 2002 & 2003), by Jawaharlal Technological University, Hyderabad, India.
- ❖ I have also attended an Orientation Course Conducted by Jawaharlal Nehru Technological University's academic staff college from 12 June 2006 to 8 July 2006. The course dealt with understanding of student Psychology, Beautifying

the subject to students interest, how to develop interest of group of students, group activities etc.

Administrative roles:

- Presently I am the time table incharge for I yr classes and Board of studies member for framing the syllabus for theory as well as lab for Physics. I am also the member for NBA accreditation work team of the college.
- I was the Associate Head of the department, coordinating with the head of the department in taking care of various activities of the department.
- I was the representative member from our department, where in I was looking after the necessary activities, documents preparation etc., needed for the NBA inspection.
- Was co-ordinator in organizing cultural events for the College day celebrations.
- I was appointed as chairman for anti ragging committee at Vathsalya Institute of Science and Technology, in the year 2003.

Professional Experience:

- Working as Associate Professor of Physics at CVR College of Engineering, Ibrahimpatnam from 01 July 2015 to till date
- Working as Assistant Professor of Physics at CVR College of Engineering, Ibrahimpatnam from 12 August 2010 to 31-5-2015.
- Worked as Assistant Professor in the department of Mathematics and Physical Sciences at **NallaMallaReddy Engineering College**, Hyderabad. (website: www.nmrec.edu.in) from August 2007 to July 2009(Affiliated to JNTU Hyderabad). The post is ratified by JNTU-Hyderabad.
- Worked as Part-time faculty cum Faculty trainer with TIME from August 2009 to December 2011 for IIT foundation Classes.
- Working with **M/S Stam Interactive, Hyderabad** on part time basis as a Consultant for development of Physics e-learning website. (Website: www.stamweb.com)
- Working as part-time faculty at **ACME school of excellence in learning**, Nallakunta, Hyderabad, India from August 1997 taking classes in Physics for 10th Class (central board of secondary education CBSE, Indian council of Secondary education ICSE and state board of secondary education SSC) and Indian institute of technology IIT foundation classes. (Website: www.acmeacademy.net)
- Worked as Part time **ONLINE** tutor with M/S Tutorvista, Bengaluru, teaching Physics upto 12th Class for US and UK students from December 2006 to July 2007
- Worked as Senior Lecturer at **Princeton PG. College**, Ramanthapur, Hyderabad from 4 January 2007 to 30 April 2007. Took classes for M.Sc. Physics students. (Affiliated to Osmania University).

- Worked as Assistant Professor in the department of Physics at **Vasavi College of Engineering, Ibrahimbagh**, Hyderabad, India from October 2004 to July 2006. (affiliated to Osmania university).
- Worked as Lecturer in the department of Physics at **Vathsalya institute of Science and technology**, Bhuvanagiri, India from September 2001 to September 2004(affiliated to JNTU Hyderabad)
- Worked as Part-time faculty at **Sri Siddhartha educational academy**, Tilaknagar, Hyderabad, India from July 1994 to February 2002.
Batches handled: 12th, 11th, 10th Grades of CBSE & 10th ICSE streams.
- Worked as Senior faculty at **Gurukul college** (an ISO 9001 certified Institute) Nallakunta, Hyderabad, India.
Batches handled: Intermediate 2nd year and Engineering entrance exam
- Took Classes for 2nd year students of Bachelor of Computer applications BCA at **Clique IT people**, Vidyanagar, Hyderabad.
Subject: Electrical and Electronics engineering.
Number of batches: 2 in the year 1999-2000 and 1 in 2000-2001.
- Took guest classes at **K.V.R. Institute of Civil Engineering**, Tilaknagar, Hyderabad for Engineering entrance exam ECET for Diploma students.
Number of Batches: 2 in year 1999, 2 in the year 2000 and 1 in the years 2001, 2002, 2003.

Seminars and conferences attended:

- Have attended seminar on “World year of Physics 2005- Beyond Einstein” organized by Chaitanya Bharathi Institute of Technology, Hyderabad on 25th August 2005.
- Was a member in organizing one day seminar on “Design of Materials-DOM2K5”, at Vasavi College of Engineering on 2nd September 2005.
- Have attended a seminar on “Recent advances in Nanoscience and applications” conducted by Loyola Academy degree and PG College, Hyderabad on 9th March 2007.
- Have attended state level seminar on Nanoscience and technology organized by Vignana Bharathi institute of Technology, Hyderabad on 27th Oct 2007.

Value added Courses done:

- Attended summer school on “Nano Technology and its applications”, in July 2009 at Sardar Vallabhai National Institute of Technology”, (NIT- Surat) Surat, Gujarat.
- Have attended Orientation course conducted by UGC-Academic Staff College, Jawaharlal Nehru Technological University, Hyderabad 12-06-2006 to 08-07-2006.
- Completed 6 month duration course on NanoScience and Nano technology conducted by Nano Science and Technology consortium, Noida.

Online Tutoring:

- Worked as Part time online tutor with TUTORVISTA Pvt. Limited, Bangalore. I was tutoring for students from 8th to 12th classes of US and UK. I have been trained and certified by Tutorvista for online tutoring. I was trained on how to use the portals Webex and skype as technicals and other soft skills needed to teach international students.

Professional Innovations:

1. Presently I work for Engineering College. I have made power point slides for 4 units (out of 8 units) on the topics, Bonding in solids, Basics of Crystallography, Elements of Quantum Mechanics, Super conductivity. I have structured the contents keeping in view the understanding levels of the students. For students who have completed their 12th class, the power point slides have helped a lot in understanding the concepts. I have designed my own method of teaching. I teach first conventionally using the lecture method along with transparencies wherever needed, then the concepts are revised using PPT slides and this is followed by either quiz or group activity.
2. I have been working on a part-time basis for M/S STAM Interactive as consultant for developing a website on Physics. At STAM I have designed and structured the contents of an online course on basic electricity. All the visuals were designed by me. I have also done the job of proof reading for an online course on Optical fiber communications

PERSONAL PROFILE:

Father's Name: Late Venkatesh Kulkarni.
Date of Birth: 03-07-1977.
Marital Status: Married.
Languages known: English, Kannada, Telugu, Hindi, and Marathi.
Strengths: Hard working, sincere, devoted and punctual.
Extra-curricular activities: Good at singing, good at organizing functions, Seminars and anchoring.

Date:
Place:

Raghavendra Kulkarni