



Dr. Vidyamanohar Sharma

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Ph. D (Applied Mathematics) with over 20 years of experience in teaching & content development. Founder member of Apt Academic Solutions and is also associated with Narayana Educational Institutions as Consultant Faculty for IIT JEE (Mathematics). Proficient at interpreting curriculum creatively & able to step beyond their confines. Actively involved in all areas of education including teacher monitoring, student career preparation and developing evaluation methods. Exceptional skills in communication, presentations & mentoring. A thorough professional with a proactive attitude, capable of thinking in & out of the box.

ORGANISATIONAL DETAILS

COMPETENCIES

- Teaching & Tutoring Students
- Counseling Students
- Online/ Email Guidance to Students
- Making appropriate lesson plans
- Module/ Course designing
- Evaluating accomplishments of students
- Designing multiple assessment methods such as teacher made tests, samples of students' work; mastery skills check lists, criterion-referenced tests and norm-referenced tests.
- Mentoring Staff/ Faculty
- Heading Administrative Activities

Running the company APT ACADEMIC SOLUTIONS since June 06 as Director with the help of two partners. The objective of the company is to take up online teaching assignments, partnering with institutes wherever required, one-to-one teaching (online) assignments. Overall, the company's motto is to provide solutions to academic requirements to organizations, institutions, individuals.

Since May'06 with Narayana Educational Institutions as Consultant Faculty for IIT JEE (Mathematics): Teaching & tutoring students for IIT JEE and counseling them for better performance. Conducting tests & evaluating students' performance.

May'06 to Nov'06

Anchored AVS online teaching project: Maintained the team of teachers from Career Launcher for online teaching program Assam Valley School (AVS), Assam from

Jun'04-May'06 with Career Launcher as Academic Head Mathematics; handled teaching programs for students for courses covering IIT-JEE, MBA, MCA & other engineering entrance examinations. Rendered teaching programmes to students located in Dubai & other regions through VOIP and VSAT. Visited the Dubai centre and handled classes and set up processes to enhance performance locally. Counseled the students and parents to enhance effectiveness of preparation. Worked closely on content writing for IIT JEE, MBA, MCA entrance exams & setting papers for the same.

May'98-May'04 with Delta Educational Academy Hyderabad, India as Director (Mathematics): Spearheaded activities for facilitating the growth of students with special focus on Mathematics as a subject. Handled students' enrolment & faculty administration.

May'95-Mar'03 with VMS Junior College Hyderabad, India as Principal: Leading a team of faculty for training & coaching students in XI & XII standards for competitive exams such as IIT-

JEE, EAMCET with focus on Mathematics. Worked on the development of the institute & growth plans in terms of admission of students & hiring members.

Jul'91-May'95 with A.V College Hyderabad, India as Lecturer-Mathematics; lectured graduate and postgraduate students on various subjects in Mathematics like Algebra, Vectors, Complex Numbers, Calculus, Analytical Geometry, Numerical Analysis, differential Equations and Number Theory. Provided the facilities of library and staff for the smooth running of new postgraduate section.

Jun'90 -Jul'91 with Sanghi College of Commerce and Science, Hyderabad, India as Lecturer Mathematics. Experience in teaching the students of Mathematics and handled the administration for the science section.

Jun'85 -May'95 with IIT Study Circle, Hyderabad run by Mr. C. Ramaiah as Teacher – Mathematics. Learned the teaching techniques and handled the best students quite successfully and contributed to help students secure ranks in IIT and International Olympiads.

FREELANCE CONSULTANCY

Previous

June 06 - Nov 06

Quality check in Mathematics content for Career Launcher

Earlier

Various Institutes for teaching/ tutoring/ coaching students

OTHER DETAILS

- Conducted Interschool science fair for various students of VIII, IX & X classes in Hyderabad Sep'97.
- Organized a seminar to address the impact of secondary education on Higher education with an objective to improve performance levels of students at various levels.
- Held awareness camp on Suicide prevention among teenage students due to academic stress.
- More than 20 students a year secured admissions in IIT's and over 250 students a year on an average secured admissions in local Engineering colleges.
- Among students taught by me in Mathematics at various levels starting XI standard, Success rate is around 95%.
- Visiting faculty at many of the corporate colleges providing education for XI & XII standards
- Received
 - Fellowship (Junior and Senior) from Council of Scientific and Industrial Research.
 - Best teacher award from Loins' Club, Secunderabad.

PUBLICATIONS

- Generalized Thermoelastic problem concerning to a sinusoidal flux. Journal of Scientific Research, Vol 10, Nos.2 &3 pp 87-92, 1988.
- Effect of Pulsed laser on human skin; Indian Journal of Pure and Applied Mathematics, 19(11): 1081-1088 Nov. 1988.
- Thermal Stresses in an accreting medium; The Mathematics Education, Sept. 1989.
- A Dynamical problem of thermo elasticity with pulse type heat flux Acta Ciencia Indica, Vol, XVM, No.3 245(1989).
- Thermal Stresses in accreting medium with heat generation Defence Science Journal, Vol.40 No.3 Jul. 1990 pp 283-292.

- A Problem of Thermal Shock with thermal relaxation; International Journal of Maths and Mathematical Sciences; Vol.14, No.3 (1991) 587-594.

IT SKILLS

- TOOLS: Teaching through VOIP and VSAT, MS Office Applications.
- MOODLE: open-end software to develop online teaching programs.

ACADEMIA

- Ph.D. (Applied Mathematics) from Osmania University, Hyderabad, India, 1989. *Thesis: Some Thermo Elastic Problems in Modified Theory, published research papers in National and International journals.*
- M. Sc (Applied Mathematics) from Osmania University, Hyderabad, India, 1984.
- B. Sc (Mathematics, Physics & Chemistry) from Osmania University, Hyderabad, India, 1982.

DATE OF BIRTH: 25th February, 1962
