

BIO-DATA

Name: V.Satya Prakash

Designation: Asst Prof of Physics

Address: Tara Govt Degree College (A),
Sangareddy, Telangana, India
Pin Code: 502001



Qualification :(1) M.Sc. (Physics), Osmania University, 1998.

Specialization: Computational Physics

(2)U.G.C-C.S.I.R- N.E.T (L.S) June 2012: Qualified with all India Rank 8 in Physical Sciences

(3)Qualified State Level Eligibility Test (APSET) in Physical Sciences conducted by Osmania University in July 2012

(4)GATE 2012: Qualified with all India rank 242 in Physics

Membership in Professional Bodies:

(1)Life Member, Indian Science Congress Association (ISCA), Kolkata

(2)Life Member, Indian Association of Physics Teachers (IAPT), Kanpur

Experience:

(1)2000 Nov-2004 Dec: Lecturer in Physics (Contract Basis), M.V.S Govt Degree College Mahabubnagar, Telangana, India

(2)2004 Dec-2008 June: Junior Lecturer in Physics (Govt Service), Govt Junior College Kosgi, Mahabubnagar Dist, Telangana, India

(3)2008 June-2013 May: Junior Lecturer in Physics (Govt Service), Govt Junior College (Boys) Sangareddy, Medak Dist, Telangana, India

(4)2013 May -2018 June date: Asst Prof of Physics (Govt Service), Govt Degree College Medak, Medak Dist, Telangana, India

(5)2018 June – till date: Asst Prof of Physics (Govt Service), Tara Govt Degree College (A) Sangareddy, Sangareddy Dist, Telangana, India

Courses Taught:

- (1)Mechanics, Waves and Oscillations Course For B.Sc. I Year Students
- (2)Practical Course - Mechanics, Waves and Oscillations for B.Sc. I Yr Physics Students
- (3)Electricity, Magnetism and Electronics Course for B.Sc. III Yr Students
- (4)Practical Course -Electricity, Magnetism and Electronics for B.Sc. III Yr Students

Courses Attended:

- (1)Attended 35th Orientation Course of UGC Academic Staff College, Jawaharlal Nehru Technological University (JNTU), Hyderabad from 21 Oct 2013 - 19 Nov 2013.
- (2)Attended Two Week Science Academies 95th Refresher Course in Experimental Physics from 9th-24th Jan 2018 at National Institute of Technology (NIT), Warangal.

Papers Presented in International Conferences:

- (1)A Paper titled "Towards a New Monte Carlo Code of Space Radiation" presented in brief oral presentation session of "Frontiers of Fundamental Physics" International Symposium organized by B.M Birla Science Centre Hyderabad, from Nov 14-16, 2013

Projects Undertaken:

- (1)A Project titled "A New Monte Carlo Code of Space Radiation" has been sanctioned by U.G.C under Minor Research Project (MRP) vide letter F.No:4-4/2013-14(MRP-SEM/UGC-SERO) with financial assistance of Rs 1, 70,000/- is completed in the year 2016
- (2) A Summer Research Project is completed at the Institute of Mathematical Sciences (I.M.Sc) Chennai in the year 2015 with the Summer Research Fellowship (SRF) jointly sponsored by IASc (Bengaluru), INSA (New Delhi) and NASI (Allahabad)

Title: A Study of Shielding Effectiveness of Different Materials for Space Radiation

Supervisor: Dr S.R.Hassan, Institute of Mathematical Sciences (I.M.Sc) Chennai

Papers Published:

- (1) Validation of Geant4 Physics Models Relevant for Space Radiation. **American Journal of Environmental Protection**. Vol. 6, No. 1, 2017, pp. 18-25. doi: 10.11648/j.ajep.20170601.13

ISSN: 2328-5680 (Print); ISSN: 2328-5699 (Online)

(2) Geant4 Based Space Radiation Application for Planar and Spherical Geometries. **Advances in Applied Sciences**. Vol. 2, No. 6, 2017, pp. 110-114. doi: 10.11648/j.aas.20170206.13

ISSN: 2575-2065 (Print); ISSN: 2575-1514 (Online)

Honours and Awards:

(1)Referee for **International -Journal of Physics D: Applied Physics** published by IOP Publishing, UK

(2)Referee for **International Journal -Materials Research Express (MRX)** published by IOP Publishing, UK

Biographical Notes:

(1)Biographical note is included in **Asian Admirable Achievers (Vol X)**, published by Rifacimento International, New Delhi-110002.

(2)Biographical note is included in **Famous India: Nation's Who's Who 2018** published by Reguerdon Inc., Delhi-110006.