Dr. R. K. Deolia
Assistant Professor (Mathematics)

M.Sc. (Applied Mathematics), MCA, PhD (Mathematics)

He has received the PhD (Mathematics) and M.Sc. (Applied Mathematics) degree from Jiwaji University, Gwalior in 2007 and 1995 respectively, and MCA degree from M P Bhoj University, Bhopal in 2001. He worked as a lecturer (Mathematics) in Madhav Institute of Technology and Science (MITS), Gwalior from 21/09/1999 to 31/05/2006. Currently he is an Assistant Professor (Mathematics) in Anand Engineering College (A.E.C), Agra from 01/08/2006 to till now. His research interests include Numerical Method, Finite Element Method, and Mathematical Modelling of Atmospheric Pollution Control etc.

Area of Interest

Numerical Methods, Modelling of Atmospheric Pollution Control etc.

Experience

Teaching:

- 15 Years and 7 Months

Skill sets & Expertise

Applied & Engineering Mathematics; Modelling of Atmospheric Pollution Control etc.

Publications

Research Papers

- "Two Dimensional Finite Element Model of Pollutant Distribution in Non-homogeneous Atmosphere", Mathematical Modelling of Real Life Problems, Anamaya Publishers, New Delhi (2006), 83-92.

- "Finite Element Based Estimation of Pollutant Distribution in Vertical Direction of Still Air with Chemical Reaction", Journal Gwalior Academy of Mathematical Sciences (GAMS), Anamaya Publishers, New Delhi (2007), 97-114.

- "Variational Finite Element Approach to Dispersion Estimation of Pollutants in Layered Atmosphere", International Journal of Environmental Pollution Control and Management (IJEPCM), **Vol. 4(1),** Research Science Press, New Delhi **(2012),** 13-27.

Other Achievements

Awards and Honours-

- Awarded ***Best Teacher Award 2009-10*** *by* ***SGI*** **(Sharda Group of Institutions)** on 5th September 2010.

Membership of Professional societies-

- Indian Society of Technical Education, New Delhi (Life membership)
- Computer Society of India, Mumbai (Life membership)
- Rajasthan Ganita Parishad, Ajmer, Rajasthan (Life membership)
- Gwalior Academy of Mathematical Science, Gwalior (Life membership)
- Alumni Association of MITS, Gwalior (Life membership)

Certifications-

- Presented **Thirteen (13)** Research Papers in the Conferences / Seminars (International → 03, National → 10).
- Attended **Six (06)** Staff Development/Short-Term Training Program Courses.
- Attended **Nineteen (19)** National and International Conferences /Workshops/ Seminars.

Link to personal website/Blog-

- https://sites.google.com/site/drdeoliarajesh/

Social links-

- **Email:** *deolia_rajesh@yahoo.com*
  rajesh.deolia@sgei.org
- **LinkedIn:** *Rajesh Deolia*