

**Name** : Dr. Rita Das

**Designation** : Dean, Students' Affairs  
Associate Professor,  
Head of Applied Sciences and Humanities Department

**Degrees obtained** : M.Sc. (Physics), Ph.D.

### Educational Qualification

University	Degree	Year	Field of Specialization
Agra University	B.Sc.	1982	Maths, Physics, Chemistry
Agra University	M.Sc.	1984	Solid State Physics
IIT Kanpur	Ph.D.	1992	Experimental Solid State Physics

### Employment Record

University/College	Designation	Period
Sardar Patel Institute of Technology, Mumbai	Associate Professor	December 1996 till date.
Sardar Patel College of Engineering (unaided wing), Mumbai	Lecturer	July 1995 to June 1996
ACRE, IIT Bombay	Sr. Research Associate	Jan 1995 to June 1995

<b>School of Physics, DAVV, Indore</b>	Research Associate	June 1993 to December 1994
<b>I.I.T., Kanpur</b>	Sr. Project Associate	January 1992 to May 1993

### **Publications**

1. Magnetic scattering in the amorphous ferromagnets  $Fe_{80}B_{20-x}Si_x$  ( $0 < x < 12$ ), Rita Singhal and A.K. Majumdar, *Physical Review B* **44** (1991) 2673.
2. Crystallization studies of amorphous ferromagnets  $Fe_{80}B_{20-x}Si_x$  ( $0 < x < 12$ ), Rita Singhal and A.K. Majumdar, *Journal of Magnetism and Magnetic Materials* **115** (1992) 245.
3. Mossbauer spectroscopic studies of amorphous ferromagnets  $Fe_{80}B_{20-x}Si_x$  ( $0 < x < 12$ ), Rita Singhal, U.C. Johri and R.M. Singru, *Journal of Materials Science* **28** (1993) 975.
4. Electrical resistivity of  $(Fe_{1-x}Co_x)_{85}B_{15}$  amorphous alloys, Rita Singhal, Ajay Gupta, A.K. Nigam, and Girish Chandra, *Proceedings of DAE Symposium* **37C** (1994) 282.

### **Membership of Scientific and Professional Societies**

Life time member of "*The Indian Society for Technical Education*"

### **Honors and Awards**

- I. National Scholarship holder from X Std. to M.Sc.
- II. Gold Medal for securing highest mark in Physics in B.Sc. from Agra University
- III. Research Fellowship from IIT Kanpur during Ph.D.
- IV. Recognition of excellent performance towards academic, research and extra-mural activities by management of college.

### **Short-term Courses, FDPs and Workshops Attended**

1. Short term course on *Glassy Materials* conducted by IUC-DAEF, Indore between 5 December and 16 December 1994.
2. STTP on *Object Oriented Programming in C++ and Java* between 27 November and 29 December 2000 at SPCE, Mumbai.
3. Seminar on *Laser and applications* on 30 and 31 January 2006 organized by IEEE-SAKEC Student's chapter at SAKEC, Mumbai.
4. Two days workshop on *Electromagnetic wave and applications* under TEQUIP conducted by Electrical department VJTI, Mumbai on 13 and 14 Feb 2009.
5. One week ISTE STTP on *Electromagnetic Waves and its applications* conducted by Department of EXTC and ASH, S.P.I.T., Mumbai between 15 June and 19 June 2009.
6. Continuing Professional Development Program on *Quality Initiative in Technical and Higher Educational Institutions* between 17 and 19 August 2011 at ESCI, Hyderabad.
7. Two days National seminar on *Addressing Sexual Harassment in Educational Institutions* organized by the Women Development Cell, Mumbai University on 6 and 7 January 2012.
8. Workshop on *NBA's Outcome Based Accreditation* organized by NBA Nodal Center SYKM's NMIMS MPSTE between 15 and 17 February 2014.
9. Online Course on *Understanding and Preventing Sexual Harassment* organized by University Women Development Cell from 7 February to 21 February 2015.
10. FDP on *Innovations Towards Learner Centric Pedagogy* organized by SVKM's NMIMS, Mukesh Patel School of Technology Management & Engineering, Mumbai from 2 May to 4 May, 2016.

### **Courses and Conferences Conducted / Organized**

1. Conducted One week ISTE STTP on *Electromagnetic Waves and its applications* from 15 June to 19 June 2009 at college, as *Chief Coordinator*.

2. Worked as a managing committee member of National Conference on *Bio medical Engineering 2006* held on 28 and 29 March 2006 at college.
3. Worked as *Finance Chair* for *ICCICT 2012* held on 18 and 19 October 2012 at College.
4. Worked as *Finance Chair* for *ICCICT 2015* held on 16 and 17 October 2015 at College.
5. Conducted One week ISTE workshop on *Skills development* from 6 to 10 July 2015, as *Chief Coordinator*.

### **Other Responsibilities**

1. Convener of Women Development Cell
2. Member of Anti-Ragging Committee.
3. Member of Principal's office