




## Shivaji College Faculty Details Proforma

<b>Title</b>		<b>First Name</b>		<b>Last Name</b>		<b>Photograph</b>
<b>Mr.</b>		<b>RAVINDRA</b>		<b>SINGH</b>		
<b>Designation</b>	<b>Assistant Professor</b>					
<b>Address</b>	H.No. E-72 Gali No.4 Subhash Vihar, North Ghonda Near Abhinav Bharti Public School Delhi - 110053					
<b>Office Phone No.</b>						
<b>Residence</b>	As above					
<b>Mobile</b>						
<b>Email</b>	ravi1_phyl@yahoo.co.in					
<b>Web-Page</b>						
<b>Educational Qualifications</b>						
<b>Degree</b>	<b>University/Institute</b>				<b>Year</b>	
<b>Ph.D.</b>	Sri Venkateshwara University				persuing	
<b>M.Phil./M.Tech.</b>	Vinayaka Mission University				2009	
<b>PG</b>	Delhi University				2006	
<b>UG</b>	Delhi University				2004	
<b>Any Other Qualification</b>						
<b>Career Profile</b>						
To work a challenging and dynamic environment to keep adding value to myself and simultaneously contribute to the growth and success of the organization or institute.						

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**Administrative Assignments**

**Areas of Interest/Specialisation**

- Physics /Mathematical Physics and Computational Physics

**Subjects Taught**

- Mathematical Physics
- Mechanics
- Electricity and Magnetism
- Electromagnetic theory
- Thermal Physics
- Statistical Mechanics
- Waves and Optics
- Superconductivity
- Solid state Physics
- Quantum mechanics
- Classical mechanics
- Atomic and Molecular physics
- Nuclear physics
- Electronics and Digital Electronics

**Innovation Project/Research Projects (Major Grants/Research Collaboration)**

**Publications Profile (Research Papers/Books)**

- Six publications as first author in International Journals approved by UGC through period 2013-2018.

**Conference/Seminar/Faculty Development Programme/Workshop**

- **ILLL** workshop **24** days (03.02.2010 to 26.02.2010) at Deen Dyal Upadhyaya College (**University of Delhi**).
- Participated in one day workshop on **Astrophysics cosmology and Computation** organized by department of Physics, Shivaji College (**University of Delhi**) on 12.02.2016.
- Participated in one day workshop organized by department of Physics, Shivaji College (**University of Delhi**) on 31.01.2017.
- Participated in **SCILAB** Workshop of **DBT** for two days at Hansraj College (**University of Delhi**) on 22 & 23 sept,2017.
- **Organizer** committee member of **National Conference** on Current and Future Perspectives in Nanotechnology “**Nanoworld-2018**” organized by Department of Physics, Shivaji College (**University of Delhi**) on 12 &13 April,2018.
- **Organizer** of annual departmental fest **INVENIO** for two days organized by Department of Physics, Shivaji College (**University of Delhi**) on 19 &20 March,2018.
- **Organizer** of annual departmental fest **INVENIO** two days held at Shivaji College (**University of Delhi**) on 30 and 31 March, 2017.
- As a **Resource person** in inspire science camp held at Shivaji College (**University of Delhi**) on 13<sup>th</sup>-19<sup>th</sup> December,2015 ; conducted by Department of Science and Technology (**DST**).

**Research Guidance (Supervision of Doctoral Thesis/Dissertations)**

**Awards and Distinctions**

**Memberships**

**Other Academic Activities**

- A certificate course in **MATLAB** with **Numerical Techniques** in **PHYSICS & MATHEMATICS** from an ISO 9001:2008 certified company.
- **SCILAB** programming & Numerical Techniques .
- **MATHEMATICA** programing
- A certificate course in **MS-Word ,MS-Excel ,MS-Dos PowerPoint Internet Explorer and Email** etc. from **University of Delhi**.
- **PASCAL** Programming through Physics.
- **C, C+ and C++** programming through Physics.
- Special tips on **ANDROID** plateform and **Ethical Hacking**.

**Cultural/Extracurricular Activities**

Took part in different committees of the college such as discipline committee ,college development committee and physics society NAAC committee etc.



**Signature of Faculty Member**