

**M. Sc. Programme (Teaching Assignment for the Academic Year 2020-2021)**

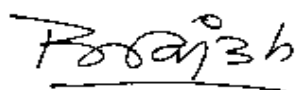
<b>Semester I</b>	
<b>COURSES</b>	<b>TEACHER(s)</b>
<b>PH-CT401:</b> Classical Mechanics	<b>TRS, SSS, AK Pandey, ....</b>
<b>PH-CT402:</b> Quantum Mechanics I	<b>SMV, AP, SSS, SK</b>
<b>PH-CT403:</b> Electronics	<b>PDS, BK, AD, PSK</b>
<b>PH-CT404:</b> Mathematical Physics	<b>PDG, HPS, KR, SSarkar</b>
<b>PH-CL405:</b> General Lab I/II	<b>Electronics: PDS, AMK, AD, SAH</b> <b>Nuclear: SM, AK, Md.N, .....</b> <b>Waves &amp; Optics: AC, DNG,,.....</b> <b>Solid State Physics: BK, PS, SSur, PSK</b>
<b>Semester II</b>	
<b>PH-CT406:</b> Quantum Mechanics II	<b>ND, SV, SKC, AB</b>
<b>PH-CT407:</b> Statistical Physics	<b>SJ, BC, DDas, ....</b>
<b>PH-CT408:</b> Electromagnetic theory and Electrostatics	<b>SM, KS, JR, SSur</b>
<b>PH-CT409:</b> Solid State Physics	<b>SR, DM, SRoy, DDas</b>
<b>PH-CL410:</b> General Lab I/II	<b>Electronics: PDS, AMK, AD, SAH</b> <b>Nuclear: SM, AK, MdN, .....</b> <b>Waves &amp; Optics: AC, SMV, DNG, SKC</b> <b>Solid State Physics: BK, PS, SRoy,,.....</b>
<b>Semester III</b>	
<b>PH-CT501:</b> Nuclear and Particle Physics	<b>AK, Md.N, SKV, AB</b>
<b>PH-CL502:</b> Computational Physics (Lab)	<b>AP, JR, SSarkar, SRoy</b> <b>+</b> <b>Sangeeta Negi, Suresh Kumarasamy</b>
<b>PH-ET511:</b> Physics at the Nanoscale – I (Theory)	<b>SA</b>
<b>PH-EL512:</b> Nanomaterials Lab – I (Lab)	<b>SR, DM</b>
<b>PH-ET513:</b> Advanced Electronics - I (Theory)	<b>KS</b>
<b>PH-EL514:</b> Advanced Electronics - I (Lab)	<b>KS, ND</b>

<b>PH-ET515:</b> Advanced Nuclear Physics – I (Theory)	<b>SKC</b>
<b>PH-EL516:</b> Advanced Nuclear Physics - I (Lab)	<b>SKM, SV</b>
<b>PH-ET517:</b> Lasers and Spectroscopy – I (Theory)	<b>AGV</b>
<b>PH-EL518:</b> Lasers and Spectroscopy - I (Lab)	<b>AGV, .....</b>
<b>PH-ET519:</b> Advanced Solid-State Physics –I (Theory)	<b>AKM</b>
<b>PH-EL520:</b> Advanced Solid-State Physics – I (Lab)	<b>SA, AKM</b>
<b>PH-ET531:</b> General Theory of Relativity and Cosmology I	<b>SKK</b>
<b>PH-ET532:</b> Astrophysics I	<b>HPS</b>
<b>PH-ET533:</b> Condensed Matter Physics I	<b>PSK</b>
<b>PH-ET534:</b> Plasma Physics I	<b>DNG</b>
<b>PH-ET535:</b> Particle Physics I	<b>Sukanta Dutta</b>
<b>PH-ET536:</b> Quantum Field Theory I	<b>DC</b>
<b>PH-ET537:</b> Advanced Mathematical Physics	<b>DC</b>
<b>PH-ED540: Dissertation I</b>	
<b>OPEN ELECTIVE COURSES:</b>	
<b>PH-OT541:</b> Radiation Safety	<b>SK</b>
<b>PH-OT542:</b> Introductory Astronomy	<b>PDG</b>
<b>PH-OT543:</b> Complex Systems & Networks	<b>SJ</b>
<b>Semester IV</b>	
<b>PH-CT503:</b> Atomic and Molecular Physics	<b>PS, AC, SAH, JR</b>
<b>PH-ET551:</b> Physics at the Nanoscale – II (Theory)	<b>AKM</b>
<b>PH-EL552:</b> Nanomaterials – II (Lab)	<b>SR, DM</b>
<b>PH-ET553:</b> Advanced Electronics - II (Theory)	<b>VG</b>

<b>PH-EL554:</b> Advanced Electronics- II (Lab)	<b>VG, AM</b>
<b>PH-ET555:</b> Advanced Nuclear Physics – II (Theory)	<b>SV</b>
<b>PH-EL556:</b> Advanced Nuclear Physics - II (Lab)	<b>SKM, SK</b>
<b>PH-ET557:</b> Lasers and Spectroscopy – II (Theory)	<b>AGV</b>
<b>PH-EL558:</b> Lasers and Spectroscopy - II (Lab)	<b>PDG, AGV</b>
<b>PH-ET559:</b> Advanced Solid-State Physics – II(Theory)	<b>SMV</b>
<b>PH-EL560:</b> Advanced Solid-State Physics – II (Lab)	<b>SA, AKM</b>
<b>PH-ET561:</b> Advanced Numerical Techniques (Theory)	<b>SKV</b>
<b>PH-EL562:</b> Advanced Numerical Techniques (Lab)	<b>KR, SKV</b>
<b>PH-EL564:</b> Observational Astronomy Lab	<b>HPS, TRS</b>
<b>PH-ET571:</b> General Theory of Relativity and Cosmology II	<b>SSur</b>
<b>PH-ET572:</b> Astrophysics II	<b>TRS</b>
<b>PH-ET573:</b> Condensed Matter Physics II	<b>ND</b>
<b>PH-ET574:</b> Plasma Physics II	<b>DNG</b>
<b>PH-ET575:</b> Particle Physics II	<b>SKK</b>
<b>PH-ET576:</b> Quantum Field Theory II	<b>DC</b>
<b>PH-ED580: Dissertation II</b>	
<b>PH-ET581:</b> Nonlinear Dynamics	<b>AP</b>
<b>PH-ET582:</b> String Theory	<b>SKK</b>
<b>PH-ET583:</b> Superconductivity, Superfluidity & Critical Phenomena	<b>SSarkar</b>
<b>PH-ET584:</b> Soft Matter Physics	<b>SA</b>
<b>PH-ET585:</b> Fluid Dynamics	<b>TRS</b>
<b>PH-ET586:</b> Nuclear Astrophysics	<b>SKM</b>

<b>PH-ET587: Nuclear Safety &amp; Security</b>	<i>Not being offered this year</i>
<b>PH-ET588: Applied Physics</b>	<b>AMK</b>
<b>OPEN ELECTIVE COURSES:</b>	
<b>PH-OT591: Biological Physics</b>	<b>SJ</b>
<b>PH-OT592: Physics Education</b>	<b>AM</b>

**PH – 601 Ph.D. – KR (after admission of new students in the PhD program)**



**05<sup>th</sup> September 2020**

**Prof. Brajesh Chandra Choudhary**

**Head, Department of Physics & Astrophysics**

**University of Delhi**