

PSC (Assistant Professor) Selection from CBS

Dr. Keshav Ram Adil
Dr. Veena Thakur
Dr. Tikendra Kumar Verma
Dr. Yamini Thakur
Dr. Varsha Thakur
Dr. Swati Chandrawanshi
Mr. Manoj Kumar Yadav
Mr. Rakesh Singh Sidar

List of Ph.D. Scholars

S. No.	Name of the Ph.D. Scholar	Name of the Supervisor	Stream/Batch
1.	Amit Singh Thakur	Dr. Govind Prasad Sahu	Mathematics
2.	Roshini Sahu	Dr. Govind Prasad Sahu	Mathematics
3.	Niyati Agarwal	Dr. Girja Shankar Gautam	Hindi
4.	Preetam Das	Dr. Girja Shankar Gautam	Hindi
5.	Omkar Prasad	Dr. Girja Shankar Gautam	Hindi
6.	Rosmeena Kujur	Dr. Girja Shankar Gautam	Hindi
7.	Sajeet Ekka	Dr. Laxmikant Chawre	Physics
8.	Subhankshi Pandey	Dr. Smita Sharma	English
9.	Nikita Raghuwanshi	Dr. Bhanushree Gupta	Chemistry

Internship by CBS Students

S.No.	Name	Supervisor & Institute	Title
Chemistry Stream			
1.	Aashish Singh Tomar	Dr. Kavita Tapadiya, NIT Raipur	Greener synthesis of copper nanoparticles using garlic (<i>Allium sativum</i>) Application for waste water remediation
2.	Anchal Pradhan	Dr. Kavita Tapadiya, NIT Raipur	Bio-fabrication of copper nanoparticles via <i>Daucuscarota</i> and its application in waste water treatment
3.	Ayushi Deshmukh	Dr. Raghavendra Medishetty, IIT Bhilai	Photomechanical response of Cd (ClO ₄) ₂ -based crystals driven by [2+2] cyclo addition reaction and its characterization
4.	Danveer	Dr. Tungyabidya Maharana, NIT Raipur	Intra-particle diffusion model and pseudo second order kinetics for the removal of Uranium by graphite
5.	Manesh Kumar	Dr. Kavita Tapadiya, NIT Raipur	Copper nanoparticles synthesis using <i>Plumeria alba</i> flower extract: Its potential application in removal of toxicants in waste water
6.	Neha Baghel	Dr. Tungyabidya Maharana, NIT Raipur	Elovich and Pseudo-first Order Kinetic Model for Uranium Removal By Using Graphite
7.	Preeti Lahare	Dr. Rakesh Kumar, Delhi University	Synthesis and Biological Evaluation of Triazolyl isatin frameworks as Anticancer Agents
8.	Priyank Sinha	Dr. Subi J George, JNCASR	Self-Assembly triggered phosphorescence based on pyromellitic Diimides: Design and Synthesis

9.	Sneha Suresh	Dr. Tapas K Maji, JNCASR	Visible light driven photocatalytic CO ₂ reduction by tetrathiafulvalene based metal organic framework in aqueous medium
10.	Ujjwala Patel	Dr. Tungyabidya Maharana, NIT Raipur	Study of Adsorption Isotherm for removal of Uranium by using Graphite

Physics Stream

11.	Akesh Kumar	Dr. Anjali Oudhia, Govt. Nagarjuna Post Graduate College of Science, Raipur	Perovskite solar cell device modelling for increased performance by introducing buffer layer
12.	Ayush Kumar Sahu	Sabyasachi Ghosh, IIT Bhilai	Chandrasekhar's mass limit for compact star
13.	Hemant Kumar Sahu	Dr. Nikhil R. Pal, Indian Statistical Institute, Kolkata	Machine learning approaches to study the arrangement of molecules
14.	Ishu Kumar	Dr. Sudhanshu Barway, Indian Institute of Astrophysics, Bangalore	Astrosat UVIT study of barred spiral galaxies NGC 1512/1510
15.	Puspendra Kumar	Dr. Santanu Mondal Indian Institute of Astrophysics, Bangalore	The spectral study of Ultraluminous X-ray source M82-X1

Biology Stream

16.	Ajay James	Dr. Hem Chandra ha, Department of BSBE ITT Indore	In silico triple targeting of Epstein Barr Virus proteins EBNA1, JUTPase and it by Antiviral phytochemicals
17.	Akanksha Nikunj	Govt V.Y.T.P.G Autonomous college, Durg.C.G	Plant mediated synthesis of Silver nanoparticles using crude plant extract
18.	Akanksha Sahu	Dr. Arindam Bit, NIT Raipur	Fabrication and characterization of three-dimensional silk nanofibrous scaffold bovine serum albumin as bioactive molecule.
19.	Alka	Dr. Anil Kumar Srivastav, Govt	Rapid biological synthesis of silver nanoparticle using plant leaf extract

		V.Y.T.P.G. Autonomous college, Durg.C.G	
20.	Divya Agrawal	Dr. Arindam Bit, NIT Raipur	Silk Fibroin: Potential biomaterial for construction of Intervertebral Disc (IVD) scaffold
21.	Kusum Yadav	Dr. Anil Kumar Srivastav, Govt V.Y.T.P.G. Autonomous college, Durg.C.G	Comparative Phytochemical and Antioxidant Assessment of Neolamarckia cadamba and Cymbopogon citrates from Durg District of Chhattisgarh, India
22.	Wasim Khan	Dr. Arindam Bit, NIT Raipur	Study of Viscoelastic properties of polyelectrolyte complex derived bronk
Mathematics Stream			
23.	Anurupa Tirkey	Dr. Dhiman Shah, IIT Bhilai	Optimization in the consistency check of an incremental system of linear equations
24.	Jyoti Sahu	Dr. Swati Verma, Shri Shankracharya Technical Campus, Bhilai	Mathematical Modelling of first transition series of a single chain 2D sheets
25.	Shradhha Bendale	Dr. Anuj Jhakar IIT Bhilai	Polynomial codes for distributed high-dimensional coded matrix multiplication
26.	Suchi Sahu	Dr. Bapan Ghosh, IIT Indore	Stock dynamics in delayed discrete-time predator-prey models
27.	Suruchi Sharda	Dr. Bapan Ghosh, IIT Indore	Torus doubling route to chaos and eradication in delayed discrete-time predator-prey models
28.	Umashankar	Dr. Mithlesh Chaube, Dr. Shyam Prasad Mukherjee IIIT, Raipur	Dynamical analysis of infected predator prey eco-epidemiological model with prey herd behaviour