

DEPARTMENT OF BIOCHEMISTRY

GOVT. NAGARJUNA PG COLLEGE OF SCIENCE, RAIPUR (C.G.)

Academic Session: 2026-27

1. STUDENT ADMISSION & SEATS

Programme / Class	Available / Sanctioned Seats
B.Sc. Biochemistry – Year/Semester I (CBBC, CZBC	24
B.Sc. Biochemistry – Year/Semester III	24
B.Sc. Biochemistry – Year/Semester V	24
TOTAL B.Sc. Biochemistry	82
M.Sc. Biochemistry – Semester I	20
M.Sc. Biochemistry – Semester III	20
TOTAL M.Sc. Biochemistry	40
GRAND TOTAL	122

2. STUDENT ACHIEVEMENTS & AWARDS

Achievement / Examination	No. of Students	Year	Details
CG SET	3	2024	Veena Sakshi Lahre, Kamna Mishra; Tripti Kashyap
University Rank / Merit	01	2025	Aakanksha Verma
Research / Poster / Oral Awards	01	2025	Tripti Kashyap
Sports / Cultural / Other Awards	01	2025	Khushi Sahu

3. STUDENT PROGRESSION & HIGHER STUDIES

Progression	Documented No.	Year / Session	Remarks
B.Sc. to M.Sc. / PG / Higher Education	14	2024-25 and 2026-27	M.Sc. Biochemistry, Chemistry, Forensic Science, PGDCA
M.Sc. to Ph.D. in Biochemistry	2	--	Mona Chandrakar Tripti Kashyap Ashutosh Soni

S. No.	Name of Student	Programme Completed	Institution Joined	Programme Admitted To
1	Kshama Yadu	B.Sc. Biotechnology	Govt. Nagarjuna PG College of Science, Raipur, C.G.	M.Sc. Biochemistry
2	Sheikh Razi	B.Sc. Biochemistry	Govt. Nagarjuna PG College of Science, Raipur, C.G.	M.Sc. Biochemistry
3	Ashai Thakur	B.Sc.	Govt. Nagarjuna PG College of Science, Raipur, C.G.	M.Sc. Biochemistry
4	Chandni Sonkar	B.Sc. Biochemistry	Sanskrit College, Raipur	PGDCA
5	Purvanshi Parganiha	B.Sc. Biochemistry	Govt. Nagarjuna PG College of Science, Raipur, C.G.	M.Sc. Biochemistry
6	Shruti Mishra	B.Sc. Biochemistry	Pt. Ravi Shankar Shukla University, Raipur, C.G.	M.Sc. Forensic Science
7	Yogita Gore	B.Sc. Biochemistry	Pt. Ravi Shankar Shukla University, Raipur, C.G.	M.Sc. Biochemistry
8	Khushi Sahu	B.Sc.	Govt. Nagarjuna PG College of Science, Raipur, C.G.	M.Sc. Biochemistry
9	Khemraj	B.Sc.	Govt. Nagarjuna PG College of Science, Raipur, C.G.	M.Sc. Biochemistry
10	Hemlata Sahu	B.Sc. Biochemistry	Govt. Nagarjuna PG College of Science, Raipur, C.G.	M.Sc. Biochemistry
11	Ashima Abott	B.Sc. Biochemistry	Govt. Nagarjuna PG College of Science, Raipur, C.G.	M.Sc. Biochemistry
12	Isha Verma	B.Sc. Biochemistry	Pt. Ravi Shankar Shukla University, Raipur, C.G.	M.Sc. Chemistry
13	Bhavna Dhruv	B.Sc. Biochemistry	Pt. Ravi Shankar Shukla University, Raipur, C.G.	M.Sc. Forensic Science
14	Padmshri Pradhan	B.Sc. Biochemistry	Pt. Ravi Shankar Shukla University, Raipur, C.G.	M.Sc. Forensic Science
15	Tripti Kashyap	M.Sc. Biochemistry	Govt. Nagarjuna PG College of Science, Raipur, C.G.	Ph.D. Biochemistry
16	Mona Chandrakar	M.Sc. Biochemistry	Govt. Nagarjuna PG College of Science, Raipur, C.G.	Ph.D. Biochemistry
17	Ashutosh Soni	M.Sc. Biochemistry	Govt. Nagarjuna PG College of Science, Raipur, C.G.	Ph.D. Biochemistry

4. Ph.D. RESEARCH SCHOLARS

Scholar	Registration	Research / Thesis	Status
Mona Chandrakar	Nov. 2023	Investigation on metal ions, cytokins and oxidative stress for susceptibility to polycystic ovary Syndrome.	RDC
Ashutosh soni	Nov. 2025	Course work	Course work
Tripti Kashyap	Nov. 2024	Course Work	Course Work

Research Guide: Dr. Mrigendra Kumar Dwivedi | Recognition as Research Guide: 2018

5. M. Sc. DISSERTATION / PROJECT WORK – 2025–26

S.No.	Student	Roll No.	Dissertation / Project Title
1	Amisha Abatt	2440101	Comparative Evaluation of Antioxidant and Antibiofilm Activities of <i>Madhuca longifolia</i> and <i>Bauhinia purpurea</i> Extracts Individually and in Combination.
2	Astha Singh	2440102	In Vitro Evaluation of Antioxidant, Anti-inflammatory and α -Amylase Inhibitory Activities of Crude Extracts and Biosynthesized Nanoparticles from <i>Moringa oleifera</i> , <i>Kalanchoe pinnata</i> and <i>Rauvolfia serpentina</i> .
3	Bhumika Ghritlahare	2440103	Biochemical and Pharmacological Evaluation of Crude (Non-fermented), Fermented & Nanoformulated <i>Myristica fragrans</i> Extracts: Antioxidant, Anti-inflammatory, Alpha-amylase & Elastase Inhibitory Potential with Enzyme Kinetic Analysis.
4	Gunnidhi Thakur	2440104	Assessment of Antibacterial Activity and Phytochemical Analysis of <i>Aegle marmelos</i> (Bael Leaves) Extract.
5	Hemlata Sahu	2440105	A Comparative Study of Antioxidant and Antibacterial Activities in Brown Rice, White Rice, and Their Fermented Products (Baasi).
6	Kajal Soni	2440108	Comparative Study of Physiochemical and Microbial Water Quality Indicators in Selected Lakes of Raipur City, Chhattisgarh.
7	Mansi Meghani	2440112	Molecular Cloning and Functional Characterization of <i>cmc1</i> , <i>fit2</i> , <i>cox13</i> as Potential Interaction Partners of <i>mxr2</i> under Copper Stress Conditions.
8	Neetish Kumar Saral	2440113	Nutritional, Biochemical and Functional Evaluation of the Asian Weaver Ant (<i>Oecophylla smaragdina</i>) as a Sustainable Alternative Protein Source.
9	Renuka Nayak	2440116	Evaluation of the Phytochemical Profile, Antioxidant Activity and Wound-Healing Potential of <i>Nyctanthes arbor-tristis</i> Leaves Extract.
10	Srishti Pandey	2440118	Comparative Evaluation of Black Tea, Green Tea and Coffee on Phytochemical Composition, Antioxidant Potential and Influence on Energy-Related Activity.

6. M. Sc. DISSERTATION / PROJECT WORK – 2024–25

S.No.	Student	Dissertation / Project Title
1	Aakanksha Verma	Assessment of Urease Inhibition Activity of Entada rheedii Seed
2	Diksha Bais	Anti-diarrheal Effect of Chitosan-Cannabis Nanoparticles
3	Shalinee Kemro	Chitosan-Cannabis Nanoparticles against Food Poisoning
4	Seema Sahu	Antimicrobial Efficacy against Sepsis Infection
5	Jaya Dewangan	Synthesis of Organic Nanoparticles from Cannabis
6	Sakshi Parganiha	Project conducted at IGKV, Raipur
7	Veenasakshi Labre	Nutritional Insights into Plant Protein Isolates