

School of Studies in Biotechnology
Pt. Ravishankar Shukla University, Raipur (C.G.)
List of Ph.D. Scholars

SN	Name of the Research Scholar	Guide		Date of Registration	Thesis title	Research Fellowship				Pursuing/ Awarded
		Supervisor	Co-Supervisor			State/ National	Agency	JRF	SRF	
1	Mrs. BM Lall	Prof SK Jadhav	-		Studies of indoor and outdoor aeromycoflora of Prof. Bhim Rao Ambedakar Hospital, Raipur			Teacher Research Fellowship		22.05.2008
2	Mrs. Ayesha Fatima	Prof KL Tiwari	-		Production and optimization of industrially important enzyme from some <i>Aspergillus</i> species			-		10.08.2009
3	Mrs. SajalSaju Deo	Prof KL Tiwari	-		Diversity and Biotechnological study of fungi in environment of pond			-		10.08.2009
4	Mr. Prashant Shukla	Prof KL Tiwari	-		Characterization and biotechnological aspect of a bacterium isolated from sulphur juice			-		01.10.2009
5	Ms. KalpanaPatle	Prof SK Jadhav	-		Incidence of airborne fungal spores at Raipur with special reference to Railway station	State		University Research Fellowship		31.12.2010
6	Ms. YashodaHirwani	Prof KL Tiwari	-		Eco-management of aeromycoflora of Dairy area, Raipur			-		20.07.2011
7	Ms. Megha Agrawal	Prof KL Tiwari	-		Eco-management of aeromycoflora of Museum area, Raipur			-		29.12.2010
8	Mr. Ashish Banjara	Prof KL Tiwari			Gene Pyramiding for development of Leaf Curl Virus (ToLCV) resistant tomato (<i>Solanum lycopersicum</i>)	Natioanl	UGC, RGNF	JRF		09.08.2011
9	Ms. Neelambra Verma		Prof KL Tiwari		Micropropagation of RAPD analysis of <i>Trichodesmaindicum</i> (Linn) R. Br.					11.04.2011

10	Mr. Amiy Dutt Chaturwedi	Prof KL Tiwari	-	-	Effect of Detergents on Microorganism with special reference to fungi			-		11.10.2012
11	Mr. Abhijit Ray	-	Prof SK Jadhav	-	Studies on the influence of light in poultry birds <i>Gallus gallusdomesticus</i>			-		15.02.2013
12	Mr. Raju Mahobia	-	Prof SK Jadhav	15-12-2008	Atmospheric studies of bioaerosols of Nawapara (Rajim), District – Raipur with special reference to fungal spores			-		19.06.2013
13	Ms. Arunima Karkun	Prof KL Tiwari	-	03-10-2009	Study of Diversification degradative potency and genetic makeup of some microbes thriving in Mandeepkhol caves of GandaiDistt. Durg (C.G.) India			-		25.03.2013
14	Mrs. Shubhra Tiwari	Prof SK Jadhav	Prof KL Tiwari	03-10-2009	Bioethanol Production from Rice Bran (Waste rice material)			University Research Fellowship		13.11.2013
15	Dr. Punit Gupta	Prof KL Tiwari	-	03-10-2009	Biochemical and molecular characterization of microorganisms at the tip of catheter of all the interventional procedure done in chronic kidney disease patients with special reference to Bacteria			-		22.02.2014
16	Mr. Pramod Kumar Mahish	Prof SK Jadhav	Prof KL Tiwari	03-10-2009	Biosorption of Lead by some Fungal Species	National	UGC, RGNF	JRF	SRF	25.02.2014
17	Mr. Nagendra Kumar Chandrawanshi	Prof SK Jadhav	Prof KL Tiwari	03-10-2009	Micropropagation of Endangered Medicinal Plant Glory Lily (<i>Gloriosa superba</i> L.)	Ntional	UGC	01.05.2010-30.04.2012	01.05.2012-07.11.2012	31.03.2014
18	Mrs. Veenu Joshi	Prof KL Tiwari	Prof SK Jadhav	16-08-2011	Molecular characterization, micropropagation and conservation studies of <i>Spilanthes acmella</i> (L.) Murry from Chhattisgarh region	National	CSIR			23.09.2015
19	Mrs. Neha Behar	Prof KL Tiwari	Prof SK Jadhav	16-08-2011	<i>In vitro</i> & <i>In silico</i> approaches for study secondary metabolite content in <i>Curcuma cassia</i> Roxb.			-		16.06.2014

20	Ms. Shubha Thakur	Prof KL Tiwari	Prof SK Jadhav	16-08-2011	Molecular characterization, micropropagation and conservation studies of <i>Spilanthes acmella</i> (L.) Murry from Chhattisgarh region					06.01.2016
21	Mrs. Niharika Sinha	Prof RK Pradhan	Prof SK Jadhav	16-08-2011	Impact of school timing on sleep quality and level of alpha-amylase and acetylcholinesterase in saliva among school students	National	CSIR-UGC	2009		Awarded
22	Mrs. Veena Thakur	Prof KL Tiwari	Prof SK Jadhav	08-08-2012	Bacterial Production of biohydrogen from rice mill effluents.	National	UGC, RGNF	2013		28.02.2017
23	Ms. Alka Kaushik	Prof SK Jadhav	-	08-08-2012	Screening and characterization of electrogenic bacteria involved in bioelectricity production through microbial fuel cell from waste waters.	National	DBT- JRF, BCIL, New Delhi	08-08-2012 to 07-08-2015	08-08-2015 to 07-08-2017	23.02.2018
24	Mr. Tikendra Verma	Prof KL Tiwari	Prof SK Jadhav	08-08-2012	Screening of Fungal Species for Biosorption of Iron in Industrial Effluents		University Research Scholarship	1.04.2014 to 30.09.2016		12.12.2017
25	Mr. Ravishankar Chauhan	Prof Keshav Kant Sahu	-	30-07-2013	Clonal propagation and long term conservation of <i>Chlorophytum borivillianum</i> Santet Fernand	National	UGC RGNF-JRF	01-08-2013 to 31-07-2015	01-08-2015 to 25-07-2017	12.02.2018
26	Ms. Jipsi Chandra	Prof Keshav Kant Sahu	-	30-07-2013	Biochemical and molecular mechanisms involved in the Affliction at longevity at <i>Madhuca latifolia</i> (Roxb.) seeds.	National	UGC National Fellowship for Students of OBC-JRF (2016-17)	01-04-2016 to 31-03-2018	01-04-2018 to 10-06-2018	21.02.2019
27	Ms. Esmil Beliya	Prof SK Jadhav	Prof KL Tiwari	30-07-2013	Bioethanol production from Deoilded rice bran by <i>Zymomonasmobilis</i> MTTC92 and <i>Pichia stipitis</i> NCIM3497	National	UGC RGNF-JRF -2013	05-08-2013 to 04-08-2015	05-08-2015 to 04-08-2017	12.12.2017
28	Ms. Shweta N	Prof Keshav Kant Sahu	Prof SK Jadhav	30-07-2013	Domestication and Molecular Identification of Pesticide Acquired Resistant Soil Indigenous Bacteria	National		-		22.01.2018

29	Ms. Samiksha Sharma	Prof KL Tiwari	Prof SK Jadhav	30-07-2013	An ecofriendly technique for removal of lead by endophytic fungi from industrial area of Raipur, Chhattisgarh		University Research Scholarship	01-04-2014 to 30-09-2017		25.01.2018
30	Ms. Vibhuti Chandrakar	Prof Keshav Kant Sahu	-	30-07-2013	Arsenic induced metabolic dysfunction, growth inhibition and its amelioration in <i>Glycine max</i> L.	National	DST-Inspire Fellowship	1-11-2013 to 20-12-2015	21-12-2015 to 26-02-2018	27.02.2018
31	Ms. Mona Tandon	Prof KL Tiwari	Prof SK Jadhav	16-09-2014	Isolation and characterization of bacterial strain from waste of rice bran industry for biohydrogen production with optimization of efficient parameters	National	UGC RGNF-JRF-2013	1-04-2015 to 31-03-2017	1-04-2017 to 13-05-2019	30.10.2019
32	Ms. Ankita Choudhary	Prof SK Jadhav	Prof KL Tiwari	16-09-2014	Isolation and screening of bacteria and optimization of different parameters for bioethanol production from <i>Shorea robusta</i> (Sal) seeds of Chhattisgarh	National	DST-Inspire Fellowship (2013-14)	11-03-2015 to 09-10-2018		31.05.2019
33	Ms. Reena	Prof SK Jadhav		16-09-2014	Isolation and identification of electrogenic bacterial strain from wastewater of rice based industries for bioelectricity generation using Microbial Fuel Cell technology	National	UGC-JRF (Dec,2013)	16-9-2014 to 15-09-2016	16-09-2016 to 12-09-2018	21.02.2019
34	Mr. Jaishankar Paul	Prof KL Tiwari	Prof SK Jadhav	16-09-2014	Isolation, Screening and Identification of highly efficient α -amylase producing bacteria from vegetable waste of Raipur vegetable market and determine the optimum condition for higher amylase production	State	CGCOST Project	01-10-2014 to 31-08-2017		24.02.2018
35	Ms. Inderpal Kaur	Prof S K Jadhav	Prof KL Tiwari	DRC, 16-09-2014	Selection of Hyperaccumulator Indigenous Tree Species For Dendroremediation of Lead in Chhattisgarh	National	DST-Inspire Fellowship (2013-14)	01-04-2015 till date		05.02.2019
36	Ms. Bhumika Yadu	Prof Keshav Kant Sahu		DRC, 16-09-2014	Fluoride-Induced Metabolic and Molecular Modifications and its Managements in <i>Cajanus cajan</i> L.	National	DRDO, Project Gwalior	09-12-2017 to 31-05-2018		15.02.2019

37	Ms. Roseline Xalxo	Prof Keshav Kant Sahu		DRC, 16-09-2014	Phytotoxic Impacts of Simulated Acid Rain and Lead on Growth and Oxidative Metabolism of <i>Trigonellafoenum-graecum</i> Seedlings	National	UGC RGNF-JRF -2014	16-09-2014 to 15-09-2016	16-09-2016 to 15-09-2019	09.01.2020
38	Ms. Gyanmani Ekka	Prof SK Jadhav		DRC, 23-09-2015	<i>In vitro</i> Approaches for Propagation and Secondary Metabolites Production of <i>Zanthoxylum armatum</i> DC.	National	DBT- JRF, BCIL. New Delhi	1-10-2015 to 30-09-2020		15.03.2021
39	Mrs. Tripti Agrawal	Dr Afaqe Quraishi		DRC, 25-10-2016	Genetic diversity analysis , in vitro seed generation and propagation strategies for <i>Buchanania lanzan</i> Spreng.		University Research Scholarship	01-04-2018 to 2020		Submitted
40	Ms Smriti Adil	Dr Afaqe Quraishi		DRC,15-01-2018	Exploration of electrotherapy to eliminate banana bunchy top virus from <i>Musa</i> spp. (AAA) cultivar 'Grand Naine'	State	AYUSH University, Pt. D.U.M. Health Sciences, Project	12-10-2018		30.01.2023
41	Ms Preeti Singh Parihar	Prof SK Jadhav		DRC,10-01-2018	Production of bioelectricity from major kitchen by product (Maad) of Chhattisgarh village by microbial fuel cell : a green energy biotechnology		University Research Scholarship	01-04-2018 to 2020		Pursuing
42	Ms Priya Katiyar	Prof Keshav Kant Sahu		DRC,10-01-2018	Plant growth promoting bacteria and systemic tolerance to fluoride toxicity in <i>Oryza sativa</i> L.	National	CSIR UGC	10-01-2018 to 2023		06.06.2023
43	Ms Rasleen Kaur	Prof Keshav Kant Sahu		DRC, 08-10-2018	Modulation in Gene Expression and Hormonal responses by Nanoparticles for Resurgence of Aged <i>Cajanus Cajan</i> Seeds	State Project	CGCOST Project	01-07-2019- to 2021		17.10.2023
44	Ms Deepali	Dr Nagendra Kumar Chandrawanshi		DRC, 01-10-2018	Mineral Fortification and its impact on yield, Metabolites and Bioactivity of <i>Calocybe indica</i> (P&C)	National	DBT-JRF, BCIL New Delhi	01-10-2018 to 2023		29.08-2024
45	Ms Anjali Kosre	Dr Nagendra kumar Chandrawanshi		DRC, 01-10-2018	Bioaccumulation of Minerals and their Impact on Productivity, Bioactivity and Metabolites contents of <i>Pleurotus florida</i>					Pursuing

46	Ms Afreen Anjum	Dr Afaqe Quraishi		DRC, 01-10-2018	<i>In vitro</i> propagation, elicitation of active component and conservation of Kali haldi (<i>Curcuma caesia</i> Roxb.)	CG-SET 2018				18.03.2024
47	Mr Satyam Kumar Kumbhakar	Prof SK Jadhav		DRC,01-10-2018	Assesment of Lead remediation efficacy of <i>Pithecellobium dulce</i> (Roxb.) Benth., a tropical leguminous tree	CSIR UGC NET-LS Dec.2018				09.02.2024
48	Ms Anita Bhoi	Prof Keshav Kant Sahu		DRC, 12-10-2019	Development of Ligand Conjugated Bioactive Loaded Metallic Nanocarriers Targeting Oxidative Stress-Induced Inflammation in Rheumatoid Arthritis."	CSIR UGC NET-JRF	CSIR UGC NET-JRF	12-10-2019 Till date		20.02.2025
49	Ms Srishti Verma	Dr Kamlesh Kumar Shukla		DRC, 12-10-2019	Bioactive Profiling and Therapeutic Activities of Wild Mushrooms Used by Tribes of Chhattisgarh	CG-SET 2019				17.01.2025
50	Ms Aditi Gupta	Dr Kamlesh Kumar Shukla		DRC, 12-10-2019	Assessment of Bioactive Compounds in Endophytic Fungi from Medicinal Plants.					Submitted
51	Ms Nisha Gupta	Prof SK Jadhav		DRC, 12-10-2019	Production, Purification, and Biochemical Characterization of α -Amylase from Agro-Waste Residues (Rice Bran & De-oiled Rice Bran)	CG-SET 2019	DBT-JRF, BCIL New Delhi	15-01-2021 07.02.2024		09.02.2024
52	Ms Dristi Verma	Prof SK Jadhav		DRC, 12-10-2019	Production of an alternative fuel Bioethanol from an agricultural waste rice husk and screening of highly efficient ethanol producing Bacteria	CG-SET 2019				03.02.2025
53	Ms Varsha Meshram	Dr. Nagendra Kumar Chandrawanshi		DRC, 12-07-2022	Intergeneric hybridization between <i>Cordyceps militaris</i> (Linn.) Link and <i>Pleurotus florida</i> (Jacq.) P. Kumm: Characterization of its constituents and their biological activities	CSIR UGC NET-JRF				Pursuing
54	Mr Khemraj	Dr. Nagendra Kumar Chandrawanshi		DRC, 12-07-2022	To Examine the Edibility and Vulnerability of <i>Chlorophyllum</i> species and related species using morphological, biochemical and molecular techniques		University Research Fellow	01-04-2023 to 31-03-2025		Pursuing

55	Ms Sharda Devi Rajput	Prof Keshav Kant Sahu		DRC, 12-07-2022	Evaluation of suitability of lignocellulosic agricultural waste and indigenous bacterial strain for production of single cell protein	DBT-JRF 2022				Pursuing
56	Ms Ankita Rathi	Prof. Afaqur Quraishi		DRC, 08-08-2022	Exploration of nano seed priming for alleviating salinity stress in the rice variety 'Swarna'; as a model test plant	GATE-2022	University Research Fellow	01-04-2023 to 31-03-2025		Pursuing
57	Ms Nidhi Yadu	Prof Keshav Kant Sahu		DRC, 16-10-2023	Development of smart antimicrobial topical gel loaded with bioactive(s) for the management of diabetic wound.	GATE-2023	University Research Fellow	01-04-2024 to 31-03-2026		Pursuing
58	Ms Poulomi Bera	Prof Keshav Kant Sahu		DRC, 16-10-2023	Development of mucoadhesive formulation containing navigated nanoliposomes for the management of oral squamous cell carcinoma.	CSIR-UGC	CSIR-UGC NET-JRF 2021	17-10-2023		Pursuing
59	Ms Chetana Dhruw	Prof Afaqur Quraishi		DRC, 16-10-2023	Production of virus free In-vitro cultures using explants from Banana bunchy top virus- infected Banana CV Grand Naine	CSIR	CSIR-NET-JRF 2023	01-01-2024		Pursuing
60	Ms Khushboo Lilaria	Prof SK Jadhav		DRC, 16-10-2023	Bioprocessing and Biochemical characterization of cellulase enzyme using Banana pseudo stem with exploration of its potential applications	CSIR	CSIR NET-JRF 2021	18-10-2023		Pursuing
61	Ms Priya Prajapat	Prof Kamlesh Kumar Shukla		DRC, 21.02.2025						Pursuing
62	Ms Pragati Trivedi	Prof Kamlesh Kumar Shukla		DRC, 21.02.2025						Pursuing

Post-Doctoral /Ramanujan/Other Fellow

SN	Name of Researcher	Guide		Date of Joining /Session	Project title	National/International		Research Award	Pursuing
		Mentor/Supervisor	Co-Supervisor			Awarded			
1	Dr Anagh AnantSahasrabuddhe	Prof SK Jadhav	-	2015-19		National	DST	Ramanujan Fellow, DST New Delhi	Moved

2	Dr. Neha Pandey	Prof Keshav Kant Sahu	-	24-04-2017	Efficacy of alginate encapsulated plant growth promoting bacterial consortia against arsenic toxicity in <i>Oryza sativa</i> L.	National	DST	SERB-National Post-Doctoral Fellowship (N-PDF), DST, New Delhi	Awarded
3	Dr. Bharti Choudhary	Prof SK Jadhav	-	01-03-2018	Endophytic bacteria as potential biocontrol agent against tomato diseases.	National	DST	SERB-National Post-Doctoral Fellowship (N-PDF), DST, New Delhi	Awarded

Summary (April, 2025)

PhD

Awarded	49
Submitted	1
Pursuing	12
Total	62