

**School of Studies in Biotechnology**  
**Pt. Ravishankar Shukla University, Raipur (C.G.)**

**List of dissertation Title of M. Phil.**

**(During: 2008-2015)**

SN	Title	Year	Candidate Name	Supervisor	Co-supervisor
1	Biosorption of Copper from aqueous solution by <i>Cladosporium</i> species	2008	Ms. Chitralkha Mandavi	Dr. K. L. Tiwari	Dr SK Jadhav
2	A Comparative Physio-chemical Study of Pond with Reference to Total Dissolved Solids and its Effect on Some Fungi	2008	Ms. Vinita Sahu	Dr. K. L. Tiwari	Dr SK Jadhav
3	Effects of temperature on the growth of some <i>Aspergillus</i> fungi	2008	Ms. Vibha Tandey	Dr. K. L. Tiwari	Dr SK Jadhav
4	<i>Jatropha</i> tissue culture: effect of hormone and media concentration	2008	Mr. Labya Prabhas	Dr. K. L. Tiwari	Dr SK Jadhav
5	Comparison of Antifungal Agents in Different Medicinal Plants	2008	Ms. Deepika Sahu	Dr. K. L. Tiwari	Dr SK Jadhav
6	Studies of Fungal Diversity on the Basis of Taxonomic and Physiologic Characteristics	2008	Ms. Shweta Agrawal	Dr. K. L. Tiwari	Dr SK Jadhav
7	Biodegradation on phenol by fungi with relation to effluent treatment	2008	Ms. Seema Verma	Dr. K. L. Tiwari	Dr SK Jadhav
8	Morphology and Protein Estimation of Allergic and Non-allergic pollen grain	2008	Ms. Shalini Bajpai	Dr. K. L. Tiwari	Dr SK Jadhav

*Updated List of dissertation Title of M. Phil. Session 2008-15, dated on 26/11/2015,*

SN	Title	Year	Candidate Name	Supervisor	Co-supervisor
9	Quantitative Estimation of Alcohol Produced by Soil Bacteria using Submerged Fermentation Technique	2008	Ms. Sudha Verma	Dr. K. L. Tiwari	Dr SK Jadhav
10	Isolation and Estimation of DNA from Different Medicinal Plants	2008	Ms. Bhumika Hingwe	Dr. K. L. Tiwari	Dr SK Jadhav
<b>2009</b>					
1	Bioaccumulation of phenol with relation to waste treatment	2009	Mr. Khubchand Verma	Dr. K. L. Tiwari	Dr SK Jadhav
2	Copper accumulation activity during growth of <i>Penicillium</i> species	2009	Ms. Prasannalata Zingare	Dr. K. L. Tiwari	Dr SK Jadhav
3	Studies of physicochemical characteristics of different ponds and their biological treatment, with special references to removal of TDS by <i>Aspergillus</i> species	2009	Ms. Manju Lata Zingare	Dr. K. L. Tiwari	Dr SK Jadhav
4	Studies of the Estimation of Lipase Production Capability in Some Fungal species and their Application	2009	Ms. Sabiha Naz	Dr. K. L. Tiwari	Dr SK Jadhav
5	Studies Of The Minimum Inhibitory Concentration (MIC) of <i>Penicillium</i> species	2009	Mr. Nagendra Kumar Chandrawanshi	Dr. K. L. Tiwari	Dr SK Jadhav
6	Bioaccumulation of Xenobiotic Compounds By Some Fungal Species	2009	Mr. Pramod Kumar Mahish	Dr. K. L. Tiwari	Dr SK Jadhav
7	<i>Namordica charantia</i> : Micropropagation and flavonoid production	2009	Ms. Jyotsana Mishra	Dr. K. L. Tiwari	Dr SK Jadhav
8	Studies of micropropagation techniques for multiplication of <i>Cymbopogon flexuosus</i> (Lemon grass) with their antifungal properties	2009	Mrs. Nidhi Dewangan	Dr. K. L. Tiwari	Dr SK Jadhav

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SN	Title	Year	Candidate Name	Supervisor	Co-supervisor
9	Isolation and characterization of bioethanol producing bacteria	2009	Mrs. Shubra Tiwari	Dr. K. L. Tiwari	Dr SK Jadhav
10	Studies Of Fungal Diversity On The Base Of Morphology And Physiology	2009	Ms. Malavika Chakraborty	Dr. K. L. Tiwari	Dr SK Jadhav
<b>2010</b>					
1	Study the production of amylase from some <i>Penicillium</i> sps.	2010	Ms. Pooja Belchandan	Dr. K. L. Tiwari	Dr SK Jadhav
2	Studies Of Antibacterial Activity of Some Metals	2010	Ms. Smita Baghel	Dr. K. L. Tiwari	Dr SK Jadhav
3	Growth and characteristics of Leguminous plants on iron casting industry effluent	2010	Ms. Namita Kujur	Dr. K. L. Tiwari	Dr SK Jadhav
4	Bioethanol Production from Mahua ( <i>Madhuca indica</i> ) Flowers As A Renewable Bioenergy	2010	Ms. Renjini	Dr. K. L. Tiwari	Dr SK Jadhav
5	<i>In vitro</i> Micropropagation in Hyacinth Bean ( <i>Lablab purpureus</i> )	2010	Ms. Pooja Shrivastava	Dr. K. L. Tiwari	Dr SK Jadhav
6	Studies of Fungal Diversity On The Basis Of Taxonomy And Physiology	2010	Ms. Tripti Agrawal	Dr. K. L. Tiwari	Dr SK Jadhav
<b>2011</b>					
1	<i>In vitro</i> Microrhizome Induction , Encapsulation and Cold storage for Germplasm Conservation of <i>Acorus calamus</i> L. (Bach)	2011	Ms. Durga Sahu	Dr Afaque Quraishi	Prof. S K Jadhav
2	Hairy Root Induction through Transformation	2011	Ms. Astha Agrawal	Dr. K. Shukla	Prof. S. K. Jadhav
3	Bioethanol production from Sal ( <i>Shorea robusta</i> ) seeds: a fuel of future	2011	Ms. Chhayya Malagar	Prof. S. K. Jadhav	Prof. K. L. Tiwari
4	Studies of $\alpha$ -amylase activities in relation to immobilized condition	2011	Ms. Shikha Kureel	Prof. S. K. Jadhav	Prof. K. L. Tiwari

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5	Bioaccumulation of iron metal by some fungal species	2011	Ms. Avanti Tiwari	Prof. S. K. Jadhav	Prof. K. L. Tiwari
6	Screening of Amylase Production Fungal Isolates	2011	Ms. Roma Kurrey	Dr. K. Shukla	Prof. S. K. Jadhav
7	Micropropagation in <i>Vigna radiate</i> (L.) Wilczek	2011	Ms. Tripti Motghare	Dr Afaque Quraishi	Prof. S. K. Jadhav
8	Production of Pigment from Different Fungi	2011	Mr. Awdhesh Kumar Singh	Prof. S. K. Jadhav	Prof. K. L. Tiwari
9	Micropropagation and Characterization of Secondary Metabolites of <i>Cassia tora</i> L. (Charota)	2011	Ms. Sheetal Gupta	Dr Afaque Quraishi	Prof. S. K. Jadhav
10	Bioethanol Production by Some Fermentative Bacteria	2011	Ms. Akanksha Chandrakar	Dr SK Jadhav	Dr. K. L. Tiwari
<b>2012</b>					
1	Protein profiling and antioxidant enzyme activities of <i>Withania somnifera</i> L. under cadmium stress	2012	Mr. Jyoti Ranjan Rout	Prof. S. K. Jadhav	Prof. K. L. Tiwari
2	Studies of effect of nutrient elements in Bioethanol production from Mahua ( <i>Madhuca indica</i> ) flowers	2012	Ms. Roma Verma	Prof. S. K. Jadhav	Prof. K. L. Tiwari
3	Studies the effects of Iron on Fungal Growth	2012	Mr. Mahendra Kumar Sivare	Prof. S. K. Jadhav	Prof. K. L. Tiwari
4	Production and characterization of industrially relevant novel extracellular red pigment from <i>Penicillium godlewskii</i> in synthetic medium	2012	Mr. Bijay Kumar Sethi	Prof. S. K. Jadhav	Prof. K. L. Tiwari
5	<i>In vitro</i> mid-term conservation of <i>Acorus calamus</i> L.	2012	Ms. Snigdha Mehar	Dr Afaque Quraishi	Prof. S. K. Jadhav

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SN	Title	Year	Candidate Name	Supervisor	Co-supervisor
6	<i>In vitro</i> propagation of <i>Plumbago zeylanica</i> L.; a valuable medicinal plant	2012	Mr. Satyajit Kanungo	Dr Afaq Quraishi	Prof. S. K. Jadhav
7	Uptake and Accumulation of Iron and Analysis of the accumulated metal concentration in Indian Mustard ( <i>Brassica juncea</i> )	2012	Ms. Smriti Adil	Dr Afaq Quraishi	Prof. S. K. Jadhav
8	Screening of Biological Activity of Isolated Endophytic Fungi	2012	Mr. Naresh Kumar Dewangan	Dr. K. Shukla	Prof. S. K. Jadhav
9	Evaluation of infectivity potential of Arbuscular mycorrhizal fungi in <i>Vigna radiata</i> (L.)	2012	Ms. Sonal Roy	Dr. K. Shukla	Prof. S. K. Jadhav
10	Antimicrobial assessment of Endophytic fungi in different Medicinal plants	2012	Ms. Vandana Verma	Dr Kamlesh Shukla	Prof. S. K. Jadhav
<b>2013</b>					
1	Studies of microbial activities in production of Bioethanol from Deoiled Rice Bran with reference to <i>Klebsiella oxytoca</i> ATCC 13183	2013	Ms. ESMIL BELIYA	Dr SK Jadhav	Dr Afaq Quraishi
2	Effect of various chemicals on biohydrogen production with reference to pollution parameter	2013	Mr. JAI SHANKAR PAUL	Dr SK Jadhav	Dr Afaq Quraishi
3	Selection of efficient <i>Rhizobium</i> strains from soybean ( <i>Glycine max</i> L. Merrill) crop for biofertilizer production	2013	Ms. JIPSI CHANDRA	Dr SK Jadhav	Dr Afaq Quraishi

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SN	Title	Year	Candidate Name	Supervisor	Co-supervisor
4	<i>Banana bunchy top</i> virus Indexing of Cultivated and Tissue Cultured Banana Plants of Chhattisgarh Region	2013	Ms. NIKITA ADMANE	Dr Afaq Quraishi	Dr SK Jadhav
5	<i>In vitro</i> Production of Secondary Metabolites from <i>Cleistanthus collinus</i> (Roxb.) Hook. f.	2013	Ms. POONAM KUMARI	Dr Afaq Quraishi	Dr SK Jadhav
6	Fungal Mediated Biosynthesis of Silver Nanoparticles, their Characterization and Biocontrol Efficacy	2013	Ms. PRATIMA KHUNTE	Dr Kamlesh Shukla	Dr SK Jadhav
7	<i>In vitro</i> Germination of Papaya Seeds to Develop Healthy and Disease Free Planting Material	2013	Mr. RAVISHANKAR CHAUHAN	Dr Afaq Quraishi	Dr SK Jadhav
8	Amylolytic Potentiality of <i>Aspergillus terreus</i> from Different Habitat	2013	Ms. REENA	Dr Kamlesh Shukla	Dr SK Jadhav
9	<i>In vitro</i> production of azadiractin from neem tree leaf culture	2013	Ms. SHRADDHA CHURENDRA	Dr Afaq Quraishi	Dr SK Jadhav
10	Isolation and screening of endophytes from <i>Shorea robusta</i> and <i>Aegle marmelos</i> and preliminary antimicrobial study	2013	Ms. SUDAKSHINA TIWARI	Dr Kamlesh Shukla	Dr SK Jadhav
		<b>2014</b>			
1	Bioethanol production from seeds of <i>Shorea robusta</i> (Sal) by <i>Zymomonas mobilis</i>	2014	Ms. Ankita Choudhary	Dr SK Jadhav	Dr Afaq Quraishi
2	Optimization of Hairy Root Culture in <i>Vigna radiate</i>	2014	Ms. Preeti Madharia	Dr Kamlesh Shukla	Dr S K Jadhav

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3	Heavy metals Lead tolerance and phytoremediation by <i>in vitro</i> grown seedlings of <i>Leucaena leucocephala</i> (Lam.) de wit.	2014	Ms. Rakhi Thakur	Dr Afaque Quraishi	Dr SK Jadhav
4	Salicylic Acid and Salinity Tolerance in <i>Pisum sativum</i> seeds	2014	Ms. Shrishti Yadu	Dr Keshav Kant Sahu	
5	Desiccation Promoted Reduction in Metabolic Inequity in <i>Cicer arietinum</i> Radicles	2014	Ms. Mona Tandon	Dr Keshav Kant Sahu	
6	Nickel elicited oxidative damage in germinating <i>Pennisetum typhoideum</i> seed	2014	Ms. Piu Chakraborty	Dr Keshav Kant Sahu	
7	Lead Tolerance and Phytoextraction by <i>in vivo</i> Grown Seedlings of <i>Dalbergia sissoo</i> Roxb.	2014	Mr. Ankush Kerketta	Dr Afaque Quraishi	Dr SK Jadhav
8	Lead uptake and effects on <i>in vitro</i> grown seedlings of leguminous tree <i>Peltophorum pterocarpum</i> (DC.) Backer ex Heyne	2014	Ms. Sneha Harishchandra	Dr Afaque Quraishi	Dr SK Jadhav
9	Isolation of Endophytic Fungi from <i>Phyllanthus emblica</i> and <i>Tectona grandis</i> and Analysis of its Enzymatic Activity	2014	Ms. Savitri Mishra	Dr Kamlesh Shukla	Dr SK Jadhav
10	Antimicrobial activity of endophytic fungi isolated from <i>Butea monosperma</i> and <i>Terminalia chebula</i>	2014	Ms. Veena Sharma	Dr Kamlesh Shukla	Dr SK Jadhav

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1	Effect of different pre-treatment methods on biohydrogen production from de-oiled rice bran using <i>Clostridium acetobutylicum</i> NCIM 2877	2015	Ms. SHABINA	Dr Afaq Quraishi	Dr SK Jadhav
2	Influence of Organophosphates and Arsenic on Key Enzymes of Biogeochemical Cycles	2015	Ms. Sneha Kulbhaje	Dr Keshav Kant Sahu	
3	“ <i>In Vitro</i> Plant Regeneration through Meristematic Zone of Pseudo Stem of <i>Costus pictus</i> D. Don”	2015	Ms. ANJALI KOSRE	Dr Afaq Quraishi	Dr SK Jadhav
4	“SCREENING OF ANTIOXIDANT ACTIVITY OF SOME WILD MUSHROOM, JASHPUR DISTRICT CHHATTISGAH”	2015	Ms. ANURADHA TIRKEY	Dr Kamlesh Shukla	Dr SK Jadhav
5	Studies of Bioelectricity production from Organic Content Soil by Using Microbial Fuel Cells	2015	Ms. KIRAN THAKUR	Dr SK Jadhav	Dr Afaq Quraishi