

Dissertation
Applied Microbiology (A.B: 2020-2022)

Roll No.	Name	Title	Guide	Remark
MSC-AMB-2101	Abhipsa Mohanta	The identification and characterization of pumpkin fermenting bacillus <i>Bacillus amyloliquefaciens</i> bacteria	Dr. S.N. Patel	
MSC-AMB-2102	Abhipsa Patra	Evaluation and anti-microbial activities of <i>Hibiscus rosasinensis</i> leaf extract medicated synthesize the silver nano particles for enhanced antiseptic application.	Dr. R. K. Mohaptra	
MSC-AMB-2103	Abhipsa Satapathy	A study on silver nano particles and their bioremediation and antibacterial property	Dr. M. Patnaik	
MSC-AMB-2104	Abhisikta Mishra	Effect of MHY-1485 on cDC1 Dendritic cell immune function	Dr. S. K. Raghav (ILS)	
MSC-AMB-2105	Aditi Parial	Optimization of extracellular amylase production by thermophilic <i>Pseudomonas sp.</i>	Dr. B. C. Behera	
MSC-AMB-2106	Aiswarya Nayak	Nutritional and antioxidant property of mushroom species	Dr. S. Kumar	
MSC-AMB-2107	Akankshya Das	Optimization of pre-treatment and enzymatic hydrolysis of finger millet for bioethanol production	Dr. R. R. Mishra	
MSC-AMB-2108	Ambika Rout	Screening and characterization of chromium (VI)-resistant bacteria isolated from soak in the mining area, Odisha for possible chromium (VI) by limitation Roman	Dr. R. K. Mohaptra	
MSC-AMB-2109	Ankita Padhi	Preliminary study on antioxidant properties of bacteria isolated from Marine cephalopod	Dr. S. Mishra	
MSC-AMB-2110	Arijit Sahoo	Identification and characterization of microbial isolate from genetically improve the Jayanthi	Dr. S. S. Mishra (CIFA)	

		Rohu (<i>Labeorohita</i>) and it's nonspecific immune perimeters		
MSC-AMB-2111	Arpita Priyadarshini	Optimization of cellulase enzyme from Thermo tolerant bacteria isolated from Atri soil off Taptapani Odisha	Dr. B. C. Behera	
MSC-AMB-2112	Aseema Mishra	Functional and structural diversity of nitrifying bacteria under long-term organically managed rice soil	Dr. D. Chatterjee (NRRI)	
MSC-AMB-2113	Ashirbad Mohanty	Anti-microbial activity of medicinal plant against isolated gut microbes	Dr. S. Kumar	
MSC-AMB-2114	Atanu Karan	Evaluation of phosphate soluble icing capacity of fungal strains isolated from mangrove soil West Bengal	Mrs. M. Pradhan	
MSC-AMB-2115	Barkha Xess	Solubilization of tricalcium phosphate by fungi isolated from mangrove soil off Bhitarkanika	Dr. B. C. Behera	
MSC-AMB-2116	Barsha Mallick	Isolation and character characterization of bio film forming multimetal tolerance bacteria isolated from mangrove soil of Debi river delta	Dr. M. Mishra	
MSC-AMB-2117	Barsha Rani Moharana	Production of citric acid from orange peel through some mulch fermentation by <i>Aspergillus niger</i>	Dr. B. C. Behera	
MSC-AMB-2118	Bhabatosh Maity	Screening of extracellular on my list producing bacteria from Salina soil sample of mangrove forest	Mrs. M. Pradhan	
MSC-AMB-2119	Bidyut Prabha Naik	Isolation and characterization of cellulose producing fungi from Salina soil off coastal	Dr. R. R. Mishra	
MSC-AMB-2120	Biswajit Sutar	Anti-microbial activity of leaf extract of <i>Woodfordia fruticosa</i> against multidrug resistant bacteria	Dr. B. C. Behera	
MSC-AMB-2121	Bubuna Das	Characterization of novel extracellular Protease produced by halophilic bacteria isolates	Mrs. M. Pradhan	
MSC-AMB-2122	Guru Prasad Satapathy	Microbes associated with freshwater prawn	Dr. S. Kumar	

MSC-AMB-2123	Kadambini Panigrahi	Characterization of multienzyme producing novel thermophilic bacteria from Hotspring of Odisha	Dr. M. Mishra	
MSC-AMB-2124	Kajal Sahoo	Isolation and characterization of probiotics from dairy products	Dr. S. Sahu	
MSC-AMB-2125	Kasturi Priyadarshini	Explanation of highly arsenic resistant bacteria from Suinda mining soil and they are biochemical profiling	Dr. R. K. Mohaptra	
MSC-AMB-2126	Kuntal Nath	Heavy metal tolerance and study on fungi isolated from mangrove soil sample of Sundarban West Bengal	Dr. M. Mishra	
MSC-AMB-2127	Lalit Kumar Dash	Pre-treatment and enzymatic hydrolysis of cotton stalk for bioethanol production	Dr. R. R. Mishra	
MSC-AMB-2128	Laxmi Priya Patra	Study of identification and characterization of pumpkin fermenting endophytic bacteria	Dr. SN Patel	
MSC-AMB-2129	Lipsa Pattanaik	Production of bioethanol from Indian bamboo (Bambusa tulda) using pre-treatment followed by simultaneous saccharification and fermentation	Dr. R. R. Mishra	
MSC-AMB-2130	Lopamudra Pradhan	Synthesis of zinc nano particle from plant extract and analysis of the word antibacterial properties	Dr. M. Patnaik	
MSC-AMB-2131	Mamita Panda	Isolation of lipase producing bacteria from different biological sources	Dr. S. Sahu	
MSC-AMB-2132	Maya Monalisha Prusty	Characterization of multienzymes producing halophilic fungi from sediment of Bay of Bengal	Mrs. M. Pradhan	
MSC-AMB-2133	Nibedita Behera	Optimization of sulfur oxidation by micrococcus species isolated from waste water	Dr. B. C. Behera	
MSC-AMB-2134	Payal Sahoo	Isolation and characterization of Protease producing Trichoderma sp. isolated from dairy industry effluent	Dr. B. C. Behera	
MSC-AMB-2135	Poonam Gupta	Isolation and characterization and identification of cellulolytic bacteria from Citrus sinensis	Dr. M. Patnaik	
MSC-AMB-2136	Pralaya Kumar Sahoo	Production and optimization of amylase producing bacteria isolated from Debi river basin	Dr. M. Mishra	

MSC-AMB-2137	Pratikshya Lenka	Antimicrobial activity of <i>Streptomyces bungleensis</i> isolated from Subarnarekha mangrove	Dr. B. C. Behera	
MSC-AMB-2138	Pratikshya Panigrahi	The molecular identification of <i>Bacillus</i> species involved in the fermentation of pumpkin.	Dr. S.N. Patel	
MSC-AMB-2139	Prem Pratyush Mangraj	Antioxidant defence property of lipase producing bacteria	Dr. S. Kumar	
MSC-AMB-2140	Priti Ghosh	Isolation, Identification and antibiotic susceptibility of <i>Shigella</i> sp. Isolates	Dr. M. Bardhan (ICMR Kolkata)	
MSC-AMB-2141	Rajesh Kumar Mahanta	Fermentation of <i>Madhuca indica</i> for production of alcoholic beverages	Dr. M. Mishra	
MSC-AMB-2142	Rashmi Ranjan Nanda	Molecular detection and assessment of UV disinfection method on SARS-CoV2 virus	Dr. D. Bhattacharya (RMRC)	
MSC-AMB-2143	Ratan Kumar Mohanty	Isolation and characterization of gut microbes	Dr. S. Kumar	
MSC-AMB-2144	Rima Dey	The impact of food additives, artificial sweeteners on probiotic <i>Lactobacillus</i> strain isolated from stool sample	Dr. M. Mishra	
MSC-AMB-2145	Rituparna Rossana Mishra	Optimization of cellulase production from thermo tolerant bacterium using response surface methodology	Dr. R. R. Mishra	
MSC-AMB-2146	Sagar Swain	Isolation and biochemical characterization of pesticide resistant bacterial strain from agricultural soil	Dr. R. Mohapatra	
MSC-AMB-2147	Sakshar Mishra	Organosolvic extraction of lignin from residual fermented biomass and its conversion to nano particles	Dr. S. Mohapatra	
MSC-AMB-2148	Sarada Prasad Grahacharya	Bioremediation of textile waste water using pure culture and consortium of native bacteria	Dr. M. Mishra	
MSC-AMB-2149	Shaswotee Lenka	Isolation and characterization of bacteria from soil sample	Dr. S. Sahu	
MSC-AMB-2150	Sindhusa Srinivas	Isolation of lead tolerant native mining soil bacteria and their phenotype characterization for Pb (II) decontamination application	Dr. R. K. Mohapatra	

MSC-AMB-2151	Sitosma Mishra	Isolation and characterization of probiotics from non-dairy products	Dr. S. Sahu	
MSC-AMB-2152	Sonali Nag	Study of a asparagine edge activities of various microbes from squid (marine organisms)	Dr. S. Mishra	
MSC-AMB-2153	Sonali Priyadarshini	Isolation of Klebsiella variicola from pumkinfermentaion	Dr. S.N. Patel	
MSC-AMB-2154	Souvik Karak	Decolorization of advertise using halophilic fungi	Dr. M. Mishra	
MSC-AMB-2155	Subhabrata Das	Optimization of alkaline pre-treatment and enzymatic hydrolysis of corn husk for bioethanol production	Dr. R. R. Mishra	
MSC-AMB-2156	Subhadra Palai	Phosphatase enzyme activity is from bacterial isolated from marine organisms (Squid)	Dr. S. Mishra	
MSC-AMB-2157	Sujata Patia	Microbial degradation of reactive dyes using mixed consortium and pure culture isolated from textile waste water	Dr. M. Mishra	
MSC-AMB-2158	Sumitra Rout	Study of characterization of multienzyme producing bacteria performing pumpkin fermentation	Dr. S.N. Patel	
MSC-AMB-2159	Sushruta Bhattacharya	Isolation, identification and antibiotic susceptibility of diarrhea genic E. coli isolates	Dr. M. Bardhan (ICMR Kolkata)	
MSC-AMB-2160	Suvasish Kar	Production of acetic acid by bacteria isolated from Apple waste	Dr. B. Behera	
MSC-AMB-2161	Swagatika Pradhan	Isolation and characterization of bacteria from fresh fish organs	Dr. S. Kumar	
MSC-AMB-2162	Swaraj Sahil Martha	Isolation of cellulytic bacterium from Hot Springs soil sample and optimization of its cellulase production	Dr. R. R. Mishra	
MSC-AMB-2163	Swarna Prava Jena	Isolation and characterization of metal resistant bacteria from textile waste water	Mrs. M. Pradhan	
MSC-AMB-2164	Tridevi Priyadarshini Panda	Screening and profiling of native pumpkin fermenting bacteria	Dr. S N Patel	

152540204001	Ashima Meher	Invitro callus induction in Tinospora cordifolia and important Indian medicinal plants	Mr. S. Parida	
152540204002	Alina Pradhan	Optimization of alkaline pretreatment and enzymatic hydrolysis of corn stover for bioethanol production	Dr. R. R. Mishra	
152540204003	Amlan Pati	Editing of NADP/ME gene in rice by CRISPR-Cas9 genome editing tool	Dr.Qutubuddin Ali Molla	
152540204004	Anisha Mohapatra	Isolation and characterization of bacteria from human breast milk and study of their antagonistic effect on pathogens	Dr. Mousumi Mishra	
15254U204005	Ankita Kuldeep	Enumeration and phenotypic characterization of biosurfactant producing bacteria from oil spilled soil for diesel oil remediation	Dr. Ranjan Mohapatra	
152540204006	Ankita Priyadarshini Rout	Isolation of potential marine fungal strains of Puri coast Odisha for cellulase production	Dr. Mousumi Mishra	
15254U204007	Arpan Khamari	Modulatory effect of spices on metal induced lipid peroxidation in fish muscles	Dr. Smaranika Sahu	
152540204008	Ashutosh Panigrahi	Green synthesis of silver nanoparticles using leaf extracts of Hibiscus rosasinensi L. and Nyctanthesarbor-tristis L. and evaluationof their antimicrobial activities	Dr. Ranjan Mohapatra	
152540204009	Barsha Priyadarshini Jena	Isolation and characterization of sulphur oxidizing bacteria from mangroove soil	Dr. R. R. Mishra	
15254U204010	Bijayalaxmi Singh	Green synthesis of ZnO nanoparticles and analysis of their bioremediation and antibacterial properties in vitro	Dr. Manisha Patnaik	
152540204011	Biswa Prakash Kar	Optimization of pretreatment and enzymatic hydrolysis of finger millet (Ragi) for bioethanol production	Dr. R. R. Mishra	
152540204012	Debidatta S. Mishra	Salinity and metal tolerance of rice genotype modulating antioxidants defence system	Dr. Smaranika Sahu	

15254U204013	Debtosh Patra	Microwave added production of biochar from cachewnut shell and its dye removal properties	Er. R. Satish	
152540204014	Diptimayee Jena	Production of lactic acid by bacteria isolated from waste diary product	Dr. Bikash	
15254U204015	Dibyasmita Mohanty	Isolation and characterization of thermotolerant cellulase producing bacteria from Atri soil	Dr. Sonali Mohapatra	
15254U204016	Durgapada Sarkhel	Expression study of calsequestrin in rabbit soleus muscles	Dr. Satyananda Patel	
15254U204017	Indira Karmakar	Isolation and characterization of lipase producing bacteria from oil contaminated soil for hydrocarbon remediation application	Dr. Ranjan Mohapatra	
15254U204018	Ipsita Das	Efficient invitro multiplication of Aloe vera an important medicinal plant	Mr. S. Parida	
152540204019	Ipsita Rojalin Panda	Induction of callus culture from cotyledonary explants of cicer arietinum chickpea	Mr. S. Parida	
15254U204020	Jihilirani Bal	A Protocol for indirect shoot regeneration from callus culture of mung bean (<i>Vigna radiata</i>)	Mr. S. Parida	
152540204021	K Mohan Reddy	Effect of EtBr on high resolution chromosomal G binding with respect to its concentration and duration of treatment	Dr. Brendra N. Banerjee	
152540204022	Kiranbala Jena	The study of RYRI expression profile in rabbit muscle tissues	Dr. Satyananda Patel	
152540204023	Kiranmyee Das	Induction of embryogenic callus from seed explants of mung beans (<i>Vigna radiata</i>)	Mr. S. Parida	
152540204024	Kishan Kumar Das	Phosphate solubilization by <i>Alcaligenes</i> species isolated from mangrove soil	Dr. Bikash Ch. Behera	
15254U204025	Kumudini Kumari Mahato	Isolation and characterization of free living nitrogen fixing bacteria from beans rhizospheric soil	Dr. Bikash Ch. Behera	
15254U204026	Ipsita Aruk	An efficient protocol for direct shoot regeneration from nodal explants of <i>Tinospora cordifolia</i> an important medicinal plant	Mr. S. Parida	

152540204027	Luina Priyadarshini Pradhan	Dietary spices as beneficial modulators of metal induced lipid peroxidation in crab muscles	Dr. Smaranika Sahu	
152540204028	M Shibani Kar	The expression study of sarcolipin in rabbit trapezius muscle	Dr. Satyananda Patel	
15254U204029	Monalisha Biswal	Green root synthesis of silver nano particles: Method standardization and study of bioremediation and antimicrobial potential	Dr. Manisha Patnaik	
152540204030	Monalisa Samal	Optimization of pretreatment, enzymatic hydrolysis and fermentation of bamboo stem (Bambusatoolda) for bioethanol production	Dr. R. R. Mishra	
15254U204031	Mrutyunjay Das	Characterization and optimization of cellulase enzyme from bacteria isolated fom fruit industrial waste	Dr. R. R. Mishra	
15254U204032	Puja Mohanty	Characterization and Molecular Identification of cellulase producing fungi from saline soil of coastal Odisha	Dr. R. R. Mishra	
15254U204033	Prabhusagar Mohapatra	Novel L-Aspergenase isolated from bacteria inhabiting in marine organism (Squid)	Dr. Swati Mishra	
15254U204034	Pragnya Preetinanda Barik	Isolation and characterization of probiotic bacteria from non-diary products	Dr.Smaranika Sahu	
15254U204035	Pramod Kumar	Efficacy study of cellulose degradation and IAA production of bacteria isolated from different depth of mangrove soil	Mrs Monalisa Pradhan	
15254U204036	Prenana Mishra	Optimization of pretreatment for enhanced delignification of rice straw using thermophilic bacteria	Dr. R. R. Mishra	
15254U204037	Prerana Panda	Anti-oxidant defence system of lipase producing bacteria	Dr. Smaranika Sahu	
152540204038	Priyanka Panda	Exiguobacteriummaxicanum isolated from burnt bricks kiln soil	Dr. Bikash Ch. Behera	
152540204039	Rajesh Kumar Sahoo	Isolation, characterization and identification cellulolytic bacteria from Malus domestica	Dr. Manisha Patnaik	

152540204040	Rashmita Nandita Subhadarshini	Isolation, characterization of probiotic bacteria from diary products	Dr.Sandep Kumar	
152540204041	Riya Raj	Bioremediation of Hexavalent chromium by chromium resistant bacteria isolated from Industrial soil.	Dr. R. R. Mishra	
152540204042	Sk. Awesh Azam	Optimization of Indole acetic acid production by Bacillus megaterium isolated from Rhizospheric soil	Dr. Sonali Mohapatra	
152540204043	Sandeep Kumar Dash	Isolation, purification and characterization of bromelain from different parts of Ananas comosus	Dr. Manisha Patnaik	
15254U204044	Sandeep Routray	Induction and maintenance of callus from seed explants of mung bean (Vigna radiata)	Mr. S. Parida	
15254U204045	Shritika Bajpai	Evaluation of metal tolerance of bacterial strains isolated from Hoogly river coast soil	Dr. Mousumi Mishra	
152540204046	Smaranika Mahanta	Microbial polyester production by halophilic bacterial strains isolated from mangrove soil	Mrs Monalisa Pradhan	
152540204047	Snigdha Subhadarshini Sahu	Pretreatment, enzymatic hydrolysis and fermentation of pearl millet (Bajra) for bioethanol production	Dr. Sonali Mohapatra	
152540204048	Sushree Sunanda Swain	Production of extracellular protease from Bacillus megaterium using submerged fermentation	Dr. Swati Mishra	
152540204050	Subhalaxmi Barik	Evaluation of phosphate solubilization potential of bacteria isolated from mangrove forest Odisha	Dr. Mousumi Mishra	
152540204051	Subhalaxmi Nayak	Response surface optimization for lignin peroxidase from an isolated bacterial strain	Dr. Sonali Mohapatra	
152540204052	Subhalaxmi Panda	Genetic characterization of indian and vietnamise koi	Dr. Paramananda Das	
152540204053	Subham Ku. Puntia	A comparative gene expression study of SERCA-1 in rabbit muscles	Dr.Satyananda Patel	
15254U204054	Subrat K. Mati	Exploration and biochemical profiling of Cr 6+ and Pb 2+ resistant bacetria from mine soil.....	Dr. Ranjan Mohapatra	

152540204055	Sumant K. Mati	Comparative analysis of antioxidants in fresh water and marine fishes	Dr.Smaranika Sahu	
15254U204056	Sunanda Nayak	Nutritional and anti-oxidant properties of mushroom species	Dr.Sandep Kumar	
152540204057	Sunil Giri	Phosphatase enzyme activities from <i>Paraclostridium</i> sp. Isolated from marine organism (Cephalopod)	Dr. Swati Mishra	
15254U204058	Sushil Kumar Behera	Biodegradation of 2T engine oil by indigenous flora and gravimetric analysis	Mrs Monalisa Pradhan	
15254U204059	Sushree Baishakhee Pradhan	Designing of nano particle based films for burn healing and its anti-microbial activities	Dr. Sangram Keshari Samal	
152540204060	Sushree Beauty Jena	Optimization of pretreatment enzymatic hydrolysis of cotton stalk for bioethanol production	Dr. R. R. Mishra	
15254U204061	Sushree Priyadarshini Panda	Differentiating between early and late maturing females of <i>Labeorohita</i> using biotechnological tools	Dr. Sameeran Nandi	
15254U204062	Sushree Sagarika Pradhan	Extraction of lignin from residual fermented biomass and its conversion to nanoparticles	Dr. Sonali Mohapatra	
15254U204063	Swati Das	Effect of salinity and temperature on germination and early growth phase of Mung bean	Dr.Sandep Kumar	
15254U204064	Swati Priyadarshani Nayak	Optimization of Hexavalent Chromium reduction by <i>Bacillus pumilus</i> isolated from Sukindacromite mine	Dr. Bikash Ch. Behera	