

Dissertation
Applied Microbiology (A.B: 2021-2023)

Roll No.	Name	Title	Guide	Remark
147540214001	Abhijit padhi	Screening of Exopolysaccharide Producing Bacteria from Puri Coast	Dr.Smaranika Sahu	
147540214002	Abhilipsasahoo.	Isolation and identification of bacteria causing spoilage in tomatoes	Dr. Bikash Chandra Behera	
14754U214003	Adesh kumarpujapanda	Isolation and characterization of yellow pigment by <i>Penicillium Rubidurum</i> NSB5 isolated from heavy metal contaminated soil	Dr. Rashmi Ranjan Mishra	
14754U214004	Aditya jena	Glutathione Mediated Enhanced Resistance in Chick Pea (<i>Cicer Arietinum</i>) Against Biotic Stress	Prof. Bhabatosh Mittra	
14754U214005	Adyasrabaniparida	Isolation and characterization of phosphate solubilizing bacteria from tomato (<i>Solanum lycopersicum</i>) rizosphere.	Dr. Smaranika Sahu	
147540214006	Akankshya dash	Pretreatment And Enzymatic Hydrolysis of Corn Husk Using Response Surface Methodology for Enhanced Bioethanol Production	Dr. Rashmi Ranjan Mishra	
14754U214007	Akankshyasahoo	Evaluation Of Antibacterial Property of Honey Collected from Kendujhar District Of Odisha	Dr. Bikash Chandra Behera	
147540214008	Ankita priyadarshini	Biochemical Characterization of Organic Acid Fermenting Bacteria Taking <i>Solanum Tuberosum</i> As Substrate	Dr.Satyananda Patel	
14754U214009	Anshu rani	Identification Of Major Phytochemicals in <i>Pterocarpus Santalinus</i> Linn. Bark Extract and Evaluation Of Its Antimicrobial Activity	Dr. Bikash Chandra Behera	

147540214010	Anwisha mishra	Evaluation Of Fermentation Capacity of <i>Bacillus Tropicus</i> Taking Beet Root (<i>Beta Vulgaris</i>) As Substrate	Dr. Satyananda Patel	
14754U214011	Arghyapatripathy	Isolation and physicochemical characterization of bacteria from chilli (<i>capsicum annuum</i> L.) Rhizosphere and screening for their heavy metal tolerance	Dr. Smaranika Sahu	
14754U214012	Arpita mishra	Isolation and physicochemical characterization of bacteria from chilli (<i>Capsicum annuum</i> L.) Rhizosphere and screening for their heavy metal tolerance	Dr. Satyananda Patel	
147540214013	Ashmini padhi	Low dose metal induced expressed resistance against fusarium infection	Prof. Bhabatosh Mittra	
147540214014	Avinabmaharana-mits	Multidrug Resistance Profile and Molecular Characterization of <i>Pseudomonas Aeruginosa</i> Isolated From Clinical Samples	Dr. Bikash Chandra Behera	
147540214015	Bhagyashree prusty	Heavy Metal Resistance and Bioremediation of Hexavalent Chromium By Native Soil Bacteria	Dr. Rashmi Ranjan Mishra	
147540214016	Bismayakumar dasi	Biodecolorization -of synthetic dyes by bacterial strains isolated from dye contaminated water	Dr. Mousumi Mishra	
147540214018	Gourab kumarnayak	Hospital And Meat Associated <i>Staphylococcus Aureus</i> and Their Biofilm Characteristics.	Burla	
147540214019	Ipsita pani	Screening Of Potential Indigenous Fungal Strains for Dye Decolourization	Dr. Mousumi Mishra	
147540214020	Jagatjyoti acharya	Novel mode of resistance in chickpea (<i>Cicer arietinum</i> by) pre-exposer sublethal dose of cadmium against fusarium infection	Prof. Bhabatosh Mittra	
147540214021	Janhavi tajan	Screening of cellulolytic enzyme producing bacterium from <i>Solanum tuberosum</i>	Dr. Manisha Patnaik	
147540214022	Kapisriramhimanshusekhar	Biosorption of heavy metals using <i>Aspergillus flavus</i>	Bikash Chandra Behera	

147540214023	Kiki debasritajena	Evaluation of antibacterial property of pasteurised milk and human breast milk collected from bhubaneswar, odisha	Dr. Bikash Chandra Behera	
147540214024	Lipika das	Studies on in vitro antioxidant and antimicrobial activity of cyanobacteria obtained from nandankankanjia lake, odisha	Mr. Sabyasachi Parida	
147540214025	Lipsa Samal	Isolation and characterization of thermophiles from hot springs of atri, odisha for industrially important enzymes	Dr. Ashok Kumar Nayak	
147540214026	Nabanita Singh	Bioactivity assessment of endophytic fungi and bacteria. associated with murrayakoenigii	Dr. Mousumi Mishra	
147540214027	Neha Sinha	Screening of rhizospheric bacteria of vigna radiata for plant growth promoting activities	Dr. Mousumi Mishra	
147540214028	Nikipritam Sahoo	Antibacterial potential of azadiracta indica against different pathogen producing beta-lactamase enzyme	Dr. Diptipriya Sethi	
147540214029	Pradyumna Kumar Sahoo	A study on plant mediated synthesis of zno nanoparticles and their antibacterial activities	Dr. Manisha Patnaik	
147540214030	Pravasini Jena	Isolation and characterization of metal resistance bacteria from textile waste water	Dr. Smaranika Sahu	
14754U214031	Pritirekha Acharya	Molecular charactrization of citrate producing bacteria in radish (raphanus sativus)	Dr. Satyananda Patel	
147540214032	Priyanka Das	Bioremediation of hexavalent chromium using cell free extract of bacillus sp.	Dr. Rashmi Ranjan Mishra	
147540214033	Priyanka Priyadarshini	Biosynthesis of citric acid from orange peels by <i>Aspergillus niger</i> through batch fermentation	Dr. Bikash Chandra Behera	
147540214034	Puja Prusty	Characterization and partial purification of alkaline protease from halotolerant bacillus sp	Dr. Rashmi Ranjan Mishra	
147540214035	Puspanjali Nayak	The study of fermentation of <i>Ipomoea batatas</i> using amylase producing bacteria	Dr. Satyananda Patel	
14754U214036	Ritika Beura	Isolation and identification of bacteria from fermented yam (<i>Dioscorea alata</i>)	Dr. Satyananda Patel	

147540214037	Rosali Biswal	Optimization of cellulase production from <i>Bacillus sp.</i> Isolated from mangrove soil of bhitarkanika, odisha using response surface methodology	Dr. Rashmi Ranjan Mishra	
147540214038	Rutuparna Sharma	Isolation and optimazation of Amylase from Bacteriaisolated from <i>Ipomoea batatas</i>	Dr. Manisha Patnaik	
147540214039	Sagarika Behera	Removal of hexavalent cr using fungal strain	Dr. Bikash chandra Behera	
14754U214040	Sai Sankalp paul	Characterization of halotolerant amylase-producing bacteria from mangrove of Bichitrapur, Balasore	Dr. Mousumi Mishra	
14754U214041	Samuka rani Swain	Attainable antimicrobial activity of cyanobacteria isolated from nandankanankanjia lake, odisha	Mr. Sabyasachi Parida	
147540214042	Satyapriya Sahoo	Isolation and identification of free-living nitrogen fixing bacteria from agricultural soil	Dr. Bikash chandra Behera	
147540214043	Shibani Choudhury	Green synthesis of zno nanoparticles using leaf extracts of cupatoniumayapan, ricinus communis, artemisia vulgaris and piper longum	Dr. Ashok Kumar Nayak	
147540214044	Shruti Sucharita Pradhan-	Bioremediation of selenite to red elemental selenium using salt tolerant bacteria.	Dr. Rashmi Ranjan Mishra	
14754U214045	Sipra Jena	Characterization of lactobacillus species from breast milk and study of their antimicrobial activity	Dr. Mousumi Mishra	
147540214046	Sk abarar hussain	Studies on in-vitro antioxidant potential of cyanobacteria obtained from nandankanankanjia lake, odisha	Mr. Sabyasachi Parida	
14754U214047	Somapika Behera	Optimization of protease production from trichodermasp.through submerged fermentation using different agrowastes	Dr. Rashmi Ranjan Mishra	
147540214048	Somya Ranjan Paikaray	Carrot (<i>Daucus carota subsp. Sativus</i>) fermentation using tartaric acid producing bacteria	Dr. Satyananda Patel	

147540214049	Sonal Singh	Isolation and characterization of alkaline protease producing bacteria from mangrove soil	Dr. Diptipriya Sethi	
14754U214050	Sonalika Mohapatra	Characterization and purification of cellulase enzyme from bacteria isolated from mangrove soil of Bhitarkanika, odisha	Mr. Siddharth Parida	
14754U214051	Sonalika Nayak	Evaluation of anti-bacterial, anti-oxidant, membrane-stabilizing and anti-sickling activity of carica papaya leaf extract	Dr. Rashmi Ranjan Mishra	
14754U214052	Soumya Sonali	Green synthesis of cuo nanoparticles using leaf extracts of azadirachta indica, <i>Aegle marmelos</i> , <i>Trachyspermum ammi</i> and piper longum	Dr. Ashok Kumar Nayak	
147540214053	Soumyashree Jena.	A study on pectinolytic bacterium isolated from solanum tuberosum	Dr. Manisha Patnaik	
14754U214054	Srotaswinee Biswal	Minimization of biotic stress in chick pea (<i>Cicer arietinum</i>) by pre-exposure to sub-lethal dose of cd	Prof. Bhabatosh Mittra	
14754U214055	Subhashree Subhasmita Sahoo	Antimicrobial attributes of mango ginger (<i>Curcuma amada</i>) and black cumin (<i>Nigella sativa</i>) against fruits and vegetables spoilage microorganisms	Dr. Diptipriya Sethi	
147540214056	Suchismita Sahoo	Isolation and identification of lactic acid bacteria isolated from waste dairy effluents	Dr. Bikash Chandra Behera	
14754U214057	Sushree Sangeeta Swain	Screening of potential plastic degrading fungi isolated from dumping sites	Dr. Mousumi Mishra	
14754U214058	Swayam Prabha Rautaray	Characterization of multi enzyme producing thermophilic bacteria from tarabolahotspring.odisha	Dr. Mousumi Mishra	
14754U214059	Sweta Swain	Screening and optimization of protease production from fungus isolated from mangrove soil of bhitarkanika, odisha	Dr. Rashmi Ranjan Mishra	
14754U214060	Sworupa Swain	Screening of lactobacillus species for the production of probiotics drinks	Dr. Smaranika Sahu	

14754U214061	Tanmaya Satpathy	Potential role of probiotics bacteria in food colour decolorization	Dr. Smaranika Sahu	
14754U214051	Sonalika Nayak	Evaluation of anti-bacterial, anti-oxidant, membrane-stabilizing and anti-sickling activity of carica papaya leaf extract	Dr. Rashmi Ranjan Mishra	
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152540214001	Abhijit Mohapatra	Evaluation of Antimicrobial activity of mango ginger and black cumin against food spoilage microorganisms	Dr. Diptipriya Sethi	
15254U214002	Abhisek Mohapatra	Defence enzymes and metabolites expression in rice against RRKN (<i>M.graminicola</i>)	Dr. Rupak Jena	
152540214003	Alisha Sahoo	Evaluation of metal stress and Antioxidant activity on Chick pea(<i>Cicer arietinum</i>)	Prof. Bhabatosh Mittra	
152540214004	Amisha Biswal	Optimization of pretreatment, enzymatic hydrolysis of corn husk for enhanced bioethanol production	Dr. Rashmi Ranjan Mishra	
152540214005	Amisha Nayak	Bioremediation of hexavalent chromium using halotolerant bacteria	Dr. Rashmi Ranjan Mishra	
15254U214006	Arpita Barik	Investigation on heavy metal and fusarium induced stress protein in chick pea (<i>Cicer arietinum</i>)	Prof. Bhabatosh Mittra	
152540214007	Arpita Jena	Isolation of potential probiotic <i>Lactobacillus</i> spp. from fermented rice water	Dr. Mousumi Mishra	
152540214008	Arpita Samal	Evaluation of nutritional values and antioxidant properties of common edible	Dr. Smaranika Sahu	
15254U214009	Azhar Shahid	Validation and Standardisation of CDKN2A mutation in CNS tumors using Multiplex ligation Probe Amplification	Dr. Omshree Shetty	
152540214010	Bijay Laxmi Pradhan	Invitro callus induction of <i>Bacopa monnieri</i> An important medicinal plant	Mr. Siddharth Parida	
152540214011	Bisalakshi Agasty	Nutrient content and biochemical evaluation of pomfret fish (<i>pampus argenteus</i>) during frozen storage	Dr. Smaranika Sahu	
152540214012	Biswajeet Padhi	The expression study of SERCA1 in the quail (<i>Coturnix coturnix</i>) pectoralis muscle	Dr. Satyananda Patel	
152540214013	Biswajeet Pradhan	Bacterial lipases as potential antioxidant: an overview	Dr. Smaranika Sahu	

15254U214014	Chitranka Priyadarshini Pradhan	A Study to check the effect of Bacopa monnieri extract on 6-OHDA induced C6 cells	Dr. Sarika Singh	
15254U214015	Harapriya Sahoo	Minimization of Biotic stress in chickpea by pre-exposure to sub lethal dose of cd	Prof. Bhabatosh Mittra	
15254U214016	Jagannath Acharya	Efficient in vitro multiplication of Aloe vera, an important medicinal plant	Mr. Siddharth Parida	
152540214017	Jahnsi rani Patra	A comparative study on Antioxidative Properties of Green Synthesised Silver Nanoparticles	Dr. Ashok Kumar Nayak	
15254U214018	Kadambini Rath	Synthetic seed production of Aloe vera An important medicinal plant	Mr. Siddharth Parida	
152540214019	Kajal Kiran Sahoo	Isolation and characterization of heavy metal resistant bacteria isolated from industrial waste	Dr. Diptipriya Sethi	
152540214020	Kishan Kumar Sahoo	A study on pectinolytic bacterium isolated from Musa acuminata (Banana)	Dr. Manisha Patnaik	
152540214021	Kriti	Synthesis, characterization and antibacterial studies of bio-synthesised silver nanoparticles using lactic acid bacteria	Dr. Namrata Misra	
152540214022	Lipsha ray	Production of alkaline protease from Halotolerant Bacillus Sp. Through submerged fermentation and study of its Fermentation kinetics	Dr. Rashmi Ranjan Mishra	
152540214023	Lopamudra Sahoo	Role of TDZ in the quick regeneration of multiple shoots from nodal explants of Bacopa monnieri L	Mr. Siddharth Parida	
152540214024	Malabika Patnaik	Optimization of Amylase Production by Halotolerant Bacillus cereus, isolated from Bichitrapur Mangroove, Odisha	Dr. Mousumi Mishra	
152540214025	Mixchi Nayak	Probiotics and prebiotics in alginate beads to produce functional foods	Dr. Namrata Misra	
152540214026	Neetipreeti Das	Induction and Maintenance of callus from Leaf explants of Bacopa monnieri (L.)	Mr. Siddharth Parida	
15254U214027	Nihar Ranjan Mahanta	Optimisation of the cellulase production activity of thermotolerant cellulose degrading bacteria	Dr. Bikash Chandra Behera	

15254U214028	Pinali Mohapatra	Antibacterial activity of zinc nanoparticles (ZnO) synthesized using plant extracts	Dr. Manisha Patnaik	
152540214029	Padmaja Sahoo	Optimization of purification process for <i>E. coli</i> expressed recombinant DNase I production	Dr. Ashok Kumar Patra	
152540214030	Prabin Kumar Dash	Structure based analysis of hypothetical proteins through homology modelling	Dr. Ashok Kumar Nayak	
152540214031	Pragyan Priyadarshini	Evaluation of Antimicrobial Efficacy of Probiotic Isolates from Commercial Curd Against Foodborne Pathogens	Dr. Namrata Misra	
152540214032	Prajna Priyadarshinee Dhal	Antioxidant and Antimicrobial activity of two cyanobacteria species collected from nandankanankanjialake, Bhubaneswar, Odisha	Mr. Sabyasachy Parida	
152540214033	Preeti Pallavi Muduli	Evaluation of the antibacterial and antioxidant activity of the phytochemicals extracted from leaf of <i>Calotropis procera</i>	Dr. Bikash Chandra Behera	
152540214034	Preetimayee Jena	In-vitro evaluation of antimicrobial and antioxidant properties of two fresh water cyanobacteria specis	Mr. Sabyasachy Parida	
152540214035	Pritilima Mishra	A study on beneficial effect of moong rhizospheric bacteria bacillus timonesis on plant growth	Dr. Mousumi Mishra	
152540214036	Priyanka Priyadarshinee Parida	Modulatory effect of sodium acetate on rice against heavy metal toxicity	Dr. Smaranika Sahu	
152540214037	Priyanka Priyadarshini Swain	A comparative expression study of RYRI gene in gastrocnemius muscle of Chicken and Quail.	Dr. Satyananda Patel	
15254U214038	Priyanka Prusty	Antioxidant and antimicrobial activity of two cyanobacteria species obtained from nandankanankanjia lake	Mr. Sabyasachy Parida	
15254U214039	Purnopama Roy	The comparative study of SERCAI in the skeletal muscle of chicken (<i>Gallus gallus</i>) and quail (<i>Coturnix coturnix</i>)	Dr. Satyananda Patel	

152540214040	Rajalaxmi Dash	Antimicrobial activity of green synthesized CuO Nanoparticles	Dr. Ashok Kumar Nayak	
152540214042	Samikhya Jena	Expression of sercal in pectoralis muscle of chicken	Dr. Satyananda Patel	
152540214043	Samikshya Priyadarshini Samal	Antioxidant and Antimicrobial activities of Adhatodavasica	Dr. Bikash chandra Behera	
152540214044	Sanket Biswal	Micropropagation and elicitation studies in Aloe vera; An important medicinal plant	Mr. Siddharth Parida	
152540214045	Saswot Subhankar	An efficient protocol for direct shoot regeneration from nodal explantations of <i>Tinospora cordifolia</i> . An important medicinal plant.	Mr. Siddharth Parida	
15254U214046	Satarupa Rautray	Bioprospective bacteria: isolation and analysis of multi enzyme producing activity	Dr. Manisha Patnaik	
152540214047	Satyajit Nath	Evaluation of indole acetic acid production by bacteria isolated and identified from tomato rhizosphere soil	Dr Bikash Chandra Behera	
152540214048	Shivani Pradhan	Isolation of cellulase producing bacteria from Jackfruit (<i>Artocarpus heterophyllus</i>)	Dr. Manisha Patnaik	
15254U214049	Shweta Prava Dhal	Self-assembly of Y-shaped DNA nanostructure in different cations.	Dr. Ashok Kumar Nayak	
152540214050	Smaranika Rath	Mode of resistance to fusarium infection by a mild dose pre-exposure of Cadmium in Chick pea (<i>Cicer arietinum</i>)	Prof. Bhabatosh Mittra	
152540214051	Snigdharani Das	Synthetic seed production of Bacopa monnieri L. An important medicinal plant	Mr. Siddharth Parida	
152540214052	Soumyasaswati Betal	Salinity induced oxidative stress and antioxidant response in moong seedlings	Dr. Smaranika Sahu	
152540214053	Sourav Subhadarshy	The Study of RYRI gene expression in Quail (Courtix Courtix) pectoralis muscle.	Dr. Satyananda Patel	
152540214054	Subhasree Subhasmita Satapathy	Identifying genome edited rice lines with molecular analysis	Dr. Kutubuddin Ali Molla	

15254U214055	Suchismita Chainy	Isolation and Identification of phosphate solubilizing bacteria from rhizosphere soil	Dr Bikash Chandra Behera	
15254U214056	Sushree Samikshya Das	Decolorization Brilliant green using of fungal strains	Dr. Mousumi Mishra	
15254U214057	Susmita Priyadarshinee Panda	Antioxidant properties of different tissues of marine fish <i>Megalops Cyprinoide</i>	Dr. Smaranika Sahu	
152540214058	Swayam Pragnya Mishra	Comparison of Effectiveness of RAPD, ISSR and SSR marker for analysis of effectiveness of <i>Ustilaginoidea virens</i> isolates from east India	Dr. Manas Kumar Bag	
15254U214059	Swetleena Sahoo	Characterization, Partial purification and Optimization of Cellulase enzyme production from bacteria isolated from mangrove soil of Bhitarkanika, Odisha.	Dr. Rashmi Ranjan Mishra	
15254U214060	Tanmayee Mahanta	Study of antagonistic activity of isolated bacteria from prawn culture site	Dr. Diptipriya Sethi	
15254U214061	Tanushree Pradhan	Degradation of Polyethylene by <i>Xiamenesis</i>	Dr. Mousumi Mishra	
15254U214062	Tashmim Aftab	Modulation of Wnt Signalling during dengue virus infection	Dr. Gulam H. Syed	
152540214063	Tejaswini Mohapatra	RYRI Comparative Expression Study in Pectoralis, skeletal muscle between chicken and quail	Dr. Satyananda Patel	
15254U214064	Yashraj Patnaik	Quercetin and <i>Epigallocatechin gallate</i> as Potential Therapeutic Agent for Respiratory Inflammation: A Preclinical Evaluation	Dr. WR Surin	