

PD Patel Institute of Applied Sciences
Charotar University of Science and Technology, Changa, Gujarat

Summer training 2020

S. No.	Programme name	Semester	Name of students	Summer training / Internship 2020
1	M.Sc.	2	PATEL ABHISHEK KAMLESHBHAI	Functional enrichment analysis of proteomics data using Cytoscape
2	M.Sc.	2	PATEL SAURAV RAJESHBHAI	
3	M.Sc.	2	URJA MANOJBHAI BARAIYA	
4	M.Sc.	2	ATODARIA RUCHI HIRENKUMAR	
5	M.Sc.	2	ANJALI OMANAKUTTAN PILLAI NAIR	Modeling and simulation of processes
6	M.Sc.	2	DADAWALA DEVARSHI VIKRAMBHAI	
7	M.Sc.	2	PRACHI ATULKUMAR PATEL	
8	M.Sc.	2	TANVI HARISHBHAI PATEL	
9	M.Sc.	2	NIYATI VIMALKUMAR PATEL	Sustainable development: Strategies, Applications and Implications
10	M.Sc.	2	PATEL NIDHI MAYANKKUMAR	
11	M.Sc.	2	PATEL VIYUSHTI BHARATBHAI	
12	M.Sc.	2	PATEL DRASHTI DHARMENDRA	
13	M.Sc.	2	DEVANSHIBEN JIGNESHBHAI PATEL	Metabolome of the Rhizosphere
14	M.Sc.	2	RIYA HITESH DAVE	
15	M.Sc.	2	GODHASARA MANSI MAHESHBHAI	
16	M.Sc.	2	BHADLA DHARTI GIRISHBHAI	
17	M.Sc.	2	RAVAL NIHAR RUPESH	Introduction to Cancer Biology
18	M.Sc.	2	SHAH RUTVI NALINBHAI	
19	M.Sc.	2	TUSHARBHAI DILIPBHAI PATEL	
20	M.Sc.	2	CHAUDHARY DHRUV DALJEET	
21	M.Sc.	2	NEER NIRAJBHAI KAPADIA	Enzyme engineering and Structure to Function
22	M.Sc.	2	UPADHYAYA JOLLY VIJAYKUMAR	
23	M.Sc.	2	PATEL MITALBEN PANKAJKUMAR	
24	M.Sc.	2	NAGAR YAGINI BANSIBHAI	
25	M.Sc.	2	CHAUDHARY YASHASVI RAJESHKUMAR	
26	M.Sc.	2	PUROHIT MEENAKSHI HITENDRA	
27	M.Sc.	2	RAKSHITA BHARATBHAI KASVALA	
28	M.Sc.	2	NAGAR TANYA RAMESH	
29	M.Sc.	2	PATADIYA JAY CHETANBHAI	
30	M.Sc.	2	THAKKAR PARTH SHAILESHKUMAR	

31	M.Sc.	2	THAKER DEVARSHIKUMAR UPENDRAKUMAR	relationships
32	M.Sc.	2	SHAH DHRUVI BHARATBHAI	
33	M.Sc.	2	DEVANSHI SHAILESHBHAI PATEL	
34	M.Sc.	2	ROHIT AJAY MANIBHAI	
35	M.Sc.	2	JIMITKUMAR NIMESHKUMAR PATEL	
36	M.Sc.	2	MEHTA ANERI SHILPAN	
37	M.Sc.	2	HARSH SAMIRBHAI PATEL	
38	M.Sc.	2	PATEL AAKASHKUMAR ALPESHBHAI	
39	M.Sc.	2	POOJA RAVINDRA JAIN	
40	M.Sc.	2	UPADHYAY HARDITA PRAKASHBHAI	
41	M.Sc.	2	MISTRY DIVYABAHEN PRAVINBHAI	Biofertilizers: Past, Present and future
42	M.Sc.	2	GAJJAR MANSI PRAFULCHANDRA	
43	M.Sc.	2	JOSHI KHUSHALI ASHOKBHAI	
44	M.Sc.	2	PARMAR CHIRAGKUMAR MANGALBHAI	
45	M.Sc.	2	PANCHAL VRUTTIBEN JAGDISHBHAI	
46	M.Sc.	2	PRAJAPATI DISHA PRADIPKUMAR	
47	M.Sc.	2	CHARMI BHUPENDRAKUMAR GANDHI	
48	M.Sc.	2	RANK DISHA NARANBHAI	
49	M.Sc.	2	PATEL MAHIMAKUMARI GHANSHYAMBHAI	
50	M.Sc.	2	SHAH NIMABEN KAMLESHKUMAR	
51	M.Sc.	2	ANJALI NATUBHAI ANTALA	Biocontrol agents-Scope, mechanism and its market potential India
52	M.Sc.	2	SHREYA RAJESHBHAI ARDESHANA	
53	M.Sc.	2	MEHTA SACHI HARESHBHAI	
54	M.Sc.	2	PATEL ANJALIBEN KAMLESHKUMAR	
55	M.Sc.	2	RUTIK ATULBHAI GHODASARA	
56	M.Sc.	2	PARMAR PAYAL JAYANTILAL	
57	M.Sc.	2	RAVI HIMATBHAI GORASIYA	
58	M.Sc.	2	GAJERA NIRALI RAJESHBHAI	
59	M.Sc.	2	BHOOT HELISHABEN PRADEEPKUMAR	
60	M.Sc.	2	SHAH NIDHI ARVINDKUMAR	
61	M.Sc.	2	DHARITRI ROHITKUMAR RAVAL	Dormancy in bacteria
62	M.Sc.	2	CHAUHAN RINKAL PANKAJBHAI	
63	M.Sc.	2	GAJERA RUCHITABEN JAYSUKHBHAI	
64	M.Sc.	2	DARJI AKSHINI VIJAYKUMAR	
65	M.Sc.	2	HARSH VASANTBHAI PATEL	
66	M.Sc.	2	SINGH SUBODHKUMAR DHANANJAYKUMAR	Introduction to Virology
67	M.Sc.	2	THAKKAR NIDHI RAJESHKUMAR	
68	M.Sc.	2	ZALA DEVANGI KANAKSINH	
69	M.Sc.	2	SHAikh KAZIMA ABDULKARIM	
70	M.Sc.	2	PATEL AAKRUTI DINESHBHAI	
71	M.Sc.	2	PATEL HITAXIBAHEN DILIPKUMAR	

72	M.Sc.	2	CHOURHARY SAMRIDDHI PANKAJ	
73	M.Sc.	2	BARIYA FALGUNIBEN KALSINGBHAI	
74	M.Sc.	2	PATEL DEEPALI JITESHBHAI	
75	M.Sc.	2	PATEL HENI SUNILBHAI	
76	M.Sc.	2	UMA NILKANTH IYER	
77	M.Sc.	2	PRACHI MAHESHBHAI PATEL	
78	M.Sc.	2	PATEL DIPAL HARESHKUMAR	
79	M.Sc.	2	PATEL SHIVANI JITENDRAKUMAR	
80	M.Sc.	2	DIXITA NARENDRAHAI PATEL	
81	M.Sc.	2	SUHAGIYA MAUSAMI KANTIBHAI	
82	M.Sc.	2	CHAUDHARI TIRTHNAKUMARI JAYESHBHAI	Introduction to biodiversity and conservation
83	M.Sc.	2	PATEL SWETA RAJNIKANTBHAI	
84	M.Sc.	2	SUHANI CHAUHAN	
85	M.Sc.	2	KAPADIA JINALBEN VIJAYKUMAR	
86	M.Sc.	2	PATEL KAIRAV PARESHBHAI	
87	M.Sc.	2	RANA SHRUTI DIPAK	
88	M.Sc.	2	MAKWANA VIDHI MANDIPKUMAR	
89	M.Sc.	2	PATEL MAHIMAKUMARI GHANSHYAMBHAI	
90	M.Sc.	2	PATEL DRASHTI DHARMENDRA	Introduction to Neurochemistry
91	M.Sc.	2	LIMBANI ARPITA RAJESH	
92	M.Sc.	2	PATEL MAULIKKUMAR ARUNBHAI	
93	M.Sc.	2	PATEL AKSHAYKUMAR ARUNBHAI	
94	M.Sc.	2	PATEL AESHA PARESHKUMAR	
95	M.Sc.	2	PATEL JENISH NAKUL	



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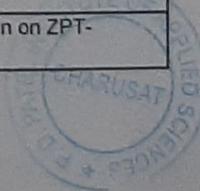
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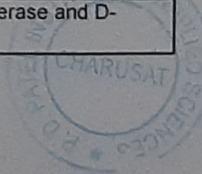
Number of Students who carried out dissertation research in PD Patel Institute of Applied Sciences, CHARUSAT during the academic year 2019-20

Sr. No	Roll number	Name of the student	Branch/Department	Guide/s Name	Title of the thesis
Department of Biological Sciences					
1	18MI001	Batul Fakhruddinbhai Dhilawala	Microbiology	Bhavtosh A. Kikani	Consolidated production of bioethanol using agricultural wastes
2	18MI002	Namrata Rameshbhai Gamit	Microbiology	Seema Amin	Isolation and characterization of plant wax and resin degrading microorganisms for potential application in paper and pulp industries
3	18MI003	Meghaben Surendrasinh Gohil	Microbiology	Bragadish Iyer	Biodegradation of herbicides
4	18MI004	Parth Yogeshkumar Joshi	Microbiology	Seema Amin	Feasibility studies on biodegradation of oil present in sludge obtained from refineries
5	18MI005	Drashti Rakeshbhai Kalariya	Microbiology	Chirayu Desai	Enrichment of bacterial community and mixed bacterial strains for the biodegradation of a mixture of polycyclic aromatic hydrocarbons (PAHs)
6	18MI006	Bharti Pareshbhai Katira	Microbiology	Mandar Kulkarni	Development and Quality Evaluation of Probiotic Honey Beverage
7	18MI007	Jatinkumar Dilipbhai Khakhi	Microbiology	Aditi Buch	Effect of <i>Planococcus maritimus</i> PGPR on alleviation of salinity stress of Peanut
8	18MI008	Drashtiben Bhagvanjibhai Limbani	Microbiology	Palash Mandal	Role of Gut microbiota and macrophage polarization in metabolic diseases
9	18MI009	Nishita Gaurang Master	Microbiology	Anoop R. Markande	Effect of bacterial amyloid (AM1) on other microorganisms
10	18MI010	Hemang Rajeshbhai Mathukiya	Microbiology	Ruchi Chaturvedi	Isolation of anti-microbial compounds from Actinomycetes
11	18MI011	Bhavik Vinaykumar Mistry	Microbiology	Janki K. Patel	Study the proficiency of diazotrophic endophytic bacteria under different soil condition for sustainable wheat production
12	18MI012	Vrushalibhen Jitendrakumar Panchal	Microbiology	Mandar Kulkarni	Study of impact of weedicides on nitrogen fixing rhizobia and host plants
13	18MI013	Abhishek Prakashbhai Pandya	Microbiology	Kiran Patel	Optimization of mycorrhizal production using different solid substrates and host plants
14	18MI014	Himeli Ashokkumar Pandya	Microbiology	Janki K. Patel	Modulation of Plant Immune System by Diazotrophic Endophytic Bacteria
15	18MI015	Mitiben Hiteshkumar Pandya	Microbiology	Murali Sharaff	Effect of Copper on early signaling factors of <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> (<i>Xanthomonas oryzae</i> pv. <i>oryzae</i> (Xoo))
16	18MI016	Poonamben Bharkumar Pandya	Microbiology	Janki K. Patel	EXPLORING THE POTENTIAL OF DIAZOTROPHIC ENDOPHYTIC BACTERIA FOR SUSTAINABLE WHEAT PRODUCTION
17	18MI017	Dimple Manishbhai Patel	Microbiology	Bhavtosh A. Kikani	Biofuel production from starchy wastes
18	18MI018	Divyaben Arvindbhai Patel	Microbiology	Neeraj Jain	To evaluate the cytotoxicity of phosphonium ionic liquid Trihexyl (tetradecyl) phosphonium hexafluorophosphate on HeLa cells
19	18MI019	Hiral Umeshbhai Patel	Microbiology	Janki K. Patel	CHARACTERIZATION OF POTENTIAL DIAZOTROPHIC ENDOPHYTIC BACTERIAL ISOLATES FROM WHEAT PLANTS
20	18MI020	Jeel Manishkumar Patel	Microbiology	Gayatri Dave	Studies on Sewage Microbiome
21	18MI021	Kosha Jayeshbhai Patel	Microbiology	Chirayu Desai	Purification and characterization of biosurfactant from crude oil hydrocarbon degrading <i>Rhodococcus</i> sp. SK12
22	18MI022	Mainavi Mukeshkumar Patel	Microbiology	Gayatri Dave	An investigation on impact of crude Aritha ,Diosgenin, Hecogenin and Keytogenin on ZPT-resistant population of <i>Malassezia furfur</i> (Dandruff-inducing fungus)



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23	18MI023	Mansi Mansukhbhai Patel	Microbiology	Murali Sharaff	Isolation and characterization of rhizobacteria from tomato plants and as biocontrol agents
24	18MI024	Nidhiben Maheshbhai Patel	Microbiology	Anamika Jha	Role of Hing in combating fungal pathogen mediated biotic stress in selected crop species
25	18MI025	Pooja Jigneshkumar Patel	Microbiology	Ruchi Chaturvedi	Isolation of anti-microbial compounds from <i>Pseudomonas</i> spp.
26	18MI026	Prakruti Jagdishbhai Patel	Microbiology	Bhavtosh Kikani	Production, Purification and Application of bacterial aspergineses
27	18MI027	Purvi Dineshbhai Patel	Microbiology	Murali Sharaff	Effect of hydrogen peroxide on fenugreek rhizobium FR1
28	18MI029	Shraddhaben Shashikant Patel	Microbiology	Seema Amin	Biotransformation of eugenol to vanilin
29	18MI030	Kuldeepsinh Rajendrasinh Rathod	Microbiology	Tapan A. Patel	Possible allelopathic effects of fruit peel (orange) on mung and maize seeds
30	18MI031	Keyur Kishorbhai Sabhani	Microbiology	Mandar Kulkarni	Study of impact of insecticides on nitrogen-fixing Rhizobium and host plant
31	18MI032	Charmiben Jagdishkumar Sapariya	Microbiology	Aditi Buch	Microbial bioconversion of L-tartrate using grape winery waste as feedstock
32	18MI033	Bhumi Jayeshbhai Shah	Microbiology	Seema Amin	Isolation and characterization of PGPR, and its potential application as biocontrol agent
33	18MI034	Meera Mihirkumar Shah	Microbiology	Palash Mandal	The Gut Microbiome as a target for the treatment of type 2 Diabetes
34	18MI035	Sagar Bipinkumar Sharma	Microbiology	Chirayu Desai	DEVELOPMENT AND STANDARDIZATION OF RT-qPCR BASED ASSAY FOR TOXICITY ASSESSMENT OF HEXAVALENT CHROMIUM IN CHROME ELECTROPLATING WASTEWATER ON Oreochromis niloticus
35	18MI036	Tanvi Sujitbhai Solanki	Microbiology	Janki K. Patel	MICROSCOPIC ANALYSIS OF DIAZOTROPHIC ENDOPHYTIC BACTERIA IN WHEAT PLANTS
36	18MI038	Rajvibahen Janakkumar Soni	Microbiology	Ruchi Chaturvedi	Exploring the hormetic behaviour of antibiotic
37	18MI039	Payashwini Gaurangbhai Thaker	Microbiology	Palash Mandal	Autophagy: a new target for alcoholic fatty liver disease therapy
38	18MI040	Shivaniben Dharmendrasinh Thakor	Microbiology	Seema Amin	Development and charactrization of consortium involved in biodegradation of plastics
39	18MI041	Yash Pareshbhai Trivedi	Microbiology	Anoop R. Markande	Haloarchaeal characterization and their applications
40	18MI042	Shradhdha Prakashbhai Undavia	Microbiology	Anoop R. Markande	Characterization of Magnetotactic bacteria for production of magnetic nanoparticles
41	18MI043	Vaishnavi Hitendrabhai Vyas	Microbiology	Tapan A. Patel	Characterization and Antibacterial activity of Citrus sinensis Raw and Ripen Peel Extracts
42	17MI002	Harsh Patel	Microbiology	Janki K. Patel	Isolation, Characterization and Optimization of Tthermo tolerant Keratinase Enzyme Producing Bacteria
43	18BC001	Vrushti Sunilkumar Gandhi	Biochemistry	Palash Mandal	Microbiome as a therapeutic target in alcoholic and non alcoholic fatty liver disease : synbiotics as a novel therapy
44	18BC002	Sneha Srikumar Ghosh	Biochemistry	Palash Mandal	Advanced glycation end products, oxidative stress and diabetic nephropathy: molecular insights to it
45	18BC003	Grishma Rameshbhai Godhani	Biochemistry	Mandar Kulkarni	Development and Quality Evalauation of Probiotic Pineapple Beverage
46	18BC004	Heemaben Dharmendrabhai Jasani	Biochemistry	Kiran Patel	Gene expression studies of hydrophobins in TRICHODERMA spp. And its correlation with antagonism abilities
47	18BC005	Jigna Jagdishbhai Kundnani	Biochemistry	Palash Mandal	Role for the gut microbiota in modulating Metabolic Health and Host Circadian Rhythms
48	18BC007	Neeshaben Purushottambhai Makwana	Biochemistry	Murali Sharaff	Assessment of bacterial communities of fenugreek rhizosphere
49	18BC008	Aatira Gopinath Nair	Biochemistry	Murali Sharaff	Analysis of biochemical and antimicrobial compounds of fenugreek root exudates
50	18BC009	Vrunda Atulkumar Pandya	Biochemistry	Bhavtosh Kikani	Isolation and Purification of thermostable amylases from a thermotolerant bacteria
51	18BC010	Aesha Nileshbhai Patel	Biochemistry	Tapan A. Patel	Possible modulatory effect of citrus fruit peel on activity of tyrosinase
52	18BC011	Nidhi Dineshbhai Patel	Biochemistry	Kiran Patel	Production of L-Ribose from L-arabinose by Co-expression of L-arabinose isomerase and D-lyxose isomerase in E.Coli.



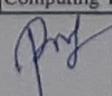
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53	18BC012	Pankti Jayeshbhai Patel	Biochemistry	Kiran Patel	Nanofiber and metal organic framework based entrapment of an enzyme and its kinetic studies
54	18BC013	Shivani Kamleshkumar Patel	Biochemistry	Ruchi Chaturvedi	Effect of Hydrogen Sulfide on anti-oxidant capacity of <i>E.coli</i>
55	18BC014	Shreyakuvvara Jaydeepsinh Raol	Biochemistry	Chirayu Desai	Evaluation of Cr(VI) removal from chrome electroplating wastewater by Rhizobium sp. and it's application in bioaugmentation of P-MFC treatment systems.
56	18BC016	Sadikhusain Abbasbhai Suthar	Biochemistry	Bhavtosh Kikani	Immobilization of enzymes on nanoparticles
57	18BC017	Zeba Ronakbhai Vohra	Biochemistry	Mandar Kulkarni	Impact of Veterinary Antibiotics on Nitrogen-fixing Rhizobia and Host Plant
58	18BT001	Shraddha Bhaveshkumar Barot	Biotechnology	Janki N Thakker	Use of Alternanthera sessilis extract as biocontrol of plant pathogen and checking its plant growth promoting activity
59	18BT002	Charmi Vipulbhai Bhatt	Biotechnology	Anamika Jha	Preparation and characterization of vegetable oil based nanoemulsion and evaluation of its coating against the spoilage of sapota fruit
60	18BT003	Yugma Prashant Bhatt	Biotechnology	Tapan A. Patel	Potential application of Papaya peel as a natural antibacterial agent and its Characterization
61	18BT004	Richababen Anilkumar Dani	Biotechnology	Gayatri Dave	Impact assessment for Lens care solutions
62	18BT005	Kainaz Dhanjisha Daruwala	Biotechnology	Tapan A. Patel	Characterization and evaluation of antibacterial activity of raw and ripen states of Banana peel
63	18BT006	Mansi Rashmikant Dave	Biotechnology	Bragadish Iyer	Molecular studies on herbicide biodegradation
64	18BT007	Krishna Rajeshkumar Dhaduk	Biotechnology	Gayatri Dave	Feasibility studies for Diatoms towards biophotovoltaic cell (solar cell)
65	18BT008	Viren Dineshbhai Dobariya	Biotechnology	Gayatri Dave	In silico studies on Ayurvedic compounds
66	18BT009	Heenaben Dilipsinh Mahida	Biotechnology	Janki N Thakker	Characterization of biochar and bio ash prepared from waste leaves of Neolamarckia cadamba
67	18BT011	Anjali Jayeshkumar Parekh	Biotechnology	Janki N Thakker	A Comparative study of Pigments inBougainvillea spectabilis Wild type and Horticulture Variety
68	18BT012	Bansari Prashantbhai Patel	Biotechnology	Bragadish Iyer	SSF for EPS
69	18BT014	Janhvi Hiteshbhai Patel	Biotechnology	Aditi Buch	Growth promoting effect of <i>Pseudomonas aeruginosa</i> P4 on peanut plant under field condition
70	18BT015	Janvi Hiteshbhai Patel	Biotechnology	Janki N Thakker	Use of Calotropis procera extract for biocontrol of plant pathogen
71	18BT016	Kajalben Anilkumar Patel	Biotechnology	Gayatri Dave	Studies on Microalgae
72	18BT018	Margi Dharmendrakumar Patel	Biotechnology	Anamika Jha	Nanoemulsion preparation from orange oil and its application for preventing spoilage in mixed fruit juice
73	18BT019	Monikaben Bakulbhai Patel	Biotechnology	Anamika Jha	To assess the effect of Hing application on root growth and architecture of <i>Vigna radiata</i>
74	18BT020	Payalben Umeshkumar Patel	Biotechnology	Neeraj Jain	To study cytotoxic effect of phosphonium ionic liquid on cervical cancer cell line SiHa
75	18BT021	Priya Ghanshyambhai Patel	Biotechnology	Aditi Buch	Cloning and heterologous expression of <i>Bacillus subtilis</i> citrate synthase (citA) gene in <i>Escherichia coli</i> and characterizing its substrate specificity
76	18BT022	Rumit Rajendra Patel	Biotechnology	Ruchi Chaturvedi	Effect of hydrogen sulphide on anti-oxidant capacity of <i>E.coli</i>
77	18BT023	Shivani Rahulkumar Patel	Biotechnology	Anoop R. Markande	Characterization of sporulating bacteria for SND and remediation of aquatic waste water
78	18BT026	Vronika Homeshbhai Patel	Biotechnology	Anamika Jha	Mechanism elucidation of Asafoetida mediated shoot growth stimulation in Mungbean plants
79	18BT027	Shivani Sunilkumar Rana	Biotechnology	Chirayu Desai	Isolation and characterization of dye degrading electroactive bacteria from eco-engineered electrogenic treatment systems and textile dye polluted environmental samples
80	18BT028	Dimple Ratansinh Rao	Biotechnology	Bragadish Iyer	Production and applications of adhesive EPS



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81	18BT029	Khushbu Ramanbhai Rathod	Biotechnology	Neeraj Jain	In vitro cytotoxicity, antibacterial and antifungal analysis of Benzo [C] Coumarin derivative
82	18BT030	Ria Sadaria	Biotechnology	Anoop R. Markande	Isolation and Characterization of Bacteriophage from sewage for potential applications
83	18BT031	Dhrutiben Jayeshkumar Shah	Biotechnology	Kiran Patel	Evaluation of different carrier materials for preparation of fungal bio-control formulation
84	18BT032	Drashti Rakesh Shah	Biotechnology	Janki N Thakker	Biochar and Bio ash: Preparation, Characterization and Applicationin Plant growth promotion
85	18BT033	Isha Rajkumar Shah	Biotechnology	Aditi Buch	Efficacy of crude bacterial HCA mix as inhibitor of ATP- citrate lyase and α - amylase
86	18BT035	Krinaben Shah	Biotechnology	Neeraj Jain	In-Vitro cytotoxic and antimicrobial analysis of Coumarin fused Aryl derivative
87	18BT036	Shikha Shah	Biotechnology	Anoop R. Markande	Characterization of sporulating bacteria for applications in self healing concrete
88	18BT037	Shruti Darshan Sharma	Biotechnology	Janki N Thakker	Study of Actinobacteria for its Plant Growth Promoting and Biocontrol activity under saline conditions
89	18BT038	Urja Jaydipsinh Solanki	Biotechnology	Janki N Thakker	Comparative study of seed bioprimeingmethods using Pseudomonas spp.
90	18BT039	Anjali Vasant Soni	Biotechnology	Bragadish Iyer	Screening and evaluation of antimicrobial enzymes
91	18BT041	Kevin Kantilal Sukhadia	Biotechnology	Kiran Patel	Optimization of mycorrhizal production using different solid substrates and host plants
92	18BT042	Muskanben Abdulmajidbhai Vahora	Biotechnology	Neeraj Jain	In vitro cytotoxic, anti-bacterial and anti-fungal study of phenol fused coumarin derivative on HeLa cell line
Department of Physical Sciences					
1	18PHY001	Kavya Dhandhukia	Physical Sciences	Dr. C K Sumesh	Synthesis and Characterization of AgSnS nanoparticles
2	18PHY002	Fasiha Mohamed Siddique Kar	Physical Sciences	Dr. Anjana Kothoni	Chemical Bath deposition of Nanostructured CuS films and Characterization
3	18PHY003	Honey Bhaskarbhai Kedara	Physical Sciences	Dr. Anjana Kothoni	Solution-based Deposition and Characterization of ZnO nanostructures
4	18PHY004	Tej Arvindbhai Maheshwani	Physical Sciences	Dr.Rucha Desai	Connecting Camera to Arduino
5	18PHY005	Kavyi Pinalbhai Mehta	Physical Sciences	Dr. Krunal Kachhia	Fractional calculus approch to study Newton's law of coolong and Arrehenius Law
6	18PHY006	Disha Vasantbhai Patel	Physical Sciences	Dr. Manan Shah	Mass Spectroscopy of Bc Meson Using Martin Potential in a Relativistic Dirac Formalism
7	18PHY007	Grishmaben Bharathbhai Patel	Physical Sciences	Dr. Rahul Tiwari	Correlation of Selected Kinetic and Kinematic variables Among Hockey Players
8	18PHY008	Himaben Himmatbhai Patel	Physical Sciences	Mr. Parth Goel	Daily Solar Radiation Estimation Using meteorological parameters & forecasting hourly solar radiation: A case study over Ahmedabad, India
9	18PHY009	Jay Vijaykumar Patel	Physical Sciences	Dr. Manan Shah	To study of Bc meson spectroscopy and leptonic decay
10	18PHY010	Jinalben Nilesbhai Patel	Physical Sciences	Dr.Rucha Desai	Development of Heater To Study Thermal Induced Effect
11	18PHY011	Khushboo Kartikumar Patel	Physical Sciences	Dr.Vanaraj Solanki	Bandgap Engineering of MoS2 Microstructure
12	18PHY012	Monikaben Sureshbhai Patel	Physical Sciences	Dr. C K Sumesh	To Study Sonocatalytic Exfoliation of Tungsten Diselenide
13	18PHY013	Pratiksha Ajaybhai Patel	Physical Sciences	Dr. Vanaraj Solanki	Study of Magnetic Property of Cobalt doped Molybdenum Disulfide
14	18PHY014	Sanikumar Bipinbhai Patel	Physical Sciences	Dr.Dipanjan Day	Comparative study of Null Geodesics around Blackholes and compact objects
15	18PHY015	Vishvaben Dipeshkumar Patel	Physical Sciences	Dr.Dipanjan Day	Properties of Time-like and Space-like Singularities
16	18PHY016	Shalree Pankeshkumar Shah	Physical Sciences	Dr.Rucha Desai & Dr. Dipanjan Day	Preliminary investigation on Blackhole Analogue using MF
17	18PHY017	Vidhi Pareshkumar Tripathi	Physical Sciences	Mr. Parth Goel	Time series analysis of surface Ozone Monitoring Records and Predicting hourly ozone concentration: A case study over Ankleshwar, India
18	18PHY018	Saurabh Umeshkumar Vyas	Physical Sciences	Dr. Manan Shah	Excited state mass spectra of singly bottom baryon applying Dirac formalism
19	18PHY019	Khadija Khuzema Zarawala	Physical Sciences	Dr. Manan Shah	Computing The Mass Of Singly Charmed Baryon Through Dirac's Equation


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