

PhD Scholars of Batch 2012

Sr. No	Branch / Discipline	Name of Supervisor	Name of the PhD Scholar	Mode of PhD (Full Time/ Part Time)	Unique ID/ Registration Number	Date of Registration	Research Topic	Likely date of completion of PhD / Maximum Time Period	Availing Fellowship - Yes/No	Funding Agency of Fellowship
1	Chemical Engg.	Dr. Puranik S. A.	JOSHI JIGAR SHASHANKBHAI	Part Time	129990905001	November 2012	Evaluation of petroleum fractions and their blends with special reference to adulteration	December 2018	No	-
2	Chemical Engg.	Dr. Parimal A. Parikh	PARESH HARIBHAI RANA	Part Time	129990905003	November 2012	Bioethanol Oxidation to value added products	December 2018	No	-
3	Chemical Engg.	Dr. Shrikant J. Wagh	UJVALA CHRISTIAN	Part Time	129990905004	November 2012	Studies on synthesis, Characterization and applications of microencapsulation process via interfacial polymerization	December 2018	No	-
4	Chemical Engg.	Dr. Shrikant J. Wagh	YASHAWANT PRAHLAD BHALERAO	Part Time	129990905005	November 2012	Experimental investigation in microencapsulation of pharmaceutical active ingredients	December 2018	No	-
5	Civil Engg.	Dr. Rajul K. Gajjar	VIJAY.P.KUKADIA	Part Time	129990906002	November 2012	Study of Mechanical Properties of concrete with Fine and coarse Recycled aggregates	December 2018	No	-
6	Civil Engg.	Dr. Mrugen B. Dholakiya	MEHUL RAMNIKLAL VITHALANI	Part Time	129990906003	November 2012	Solar desalination through air gap membrane distillation	December 2018	No	-
7	Civil Engg.	Dr. H. R. Varia	PRANAYKUMAR M. SHAH	Part Time	129990906004	November 2012	Development of Model for pre-timed traffic signal co-ordination on urban road corridor	December 2018	No	-
8	Civil Engg.	Dr. G. P. Vadodaria	VIJAY ANADKAT	Part Time	129990906006	November 2012	Technological Interventions to Improve Quality of Drinking Water in Urban Gujarat	December 2018	No	-
9	Computer/ IT Engg.	Dr. Jayeshkumar M. Patel	BHARATKUMAR VIKRAMBHAI CHAWDA	Part Time	129990907001	November 2012	Applying natural computing to stock market portfolio management	December 2018	No	-
10	Computer/ IT Engg.	Dr. J. S. Shah	CHIRAG A. PATEL	Part Time	129990907002	November 2012	Resource management in cloud computing environment	December 2018	No	-
11	Computer/ IT Engg.	Dr. Madhukar B. Potdar	JHUMMARWALA ABDUL TAIYAB A	Full Time	129990907004	November 2012	Open cloud based distributed geo-ICT services	December 2017	Yes	BISAG
12	Computer/ IT Engg.	Dr. Vithal N. Kamat	NILESH MALTARE	Part Time	129990907005	November 2012	Exploiting Concurrency in GUI Applications through Parrelel Patterns	December 2018	No	-

13	Computer/ IT Engg.	Dr. J. S. Shah	KAJAL S. PATEL	Part Time	129990907006	November 2012	Reliable routing protocol for mobile Adhoc Network	December 2018	No	-
14	Computer/ IT Engg.	Dr. J. S. Shah	PATEL KALPESHKUMAR MANGALBHAI	Part Time	129990907007	November 2012	Unifying design model using patterns to adapt security pattern for software development	December 2018	No	-
15	Computer/ IT Engg.	Dr. J. S. Shah	Maniar Swity Mukeshbhai	Part Time	129990907008	November 2012	Content based image retrieval (CBIR) using Novel Gaussian Fuzzy Feed Forward - Neural Network	December 2018	No	-
16	Computer/ IT Engg.	Dr. J. S. Shah	PATEL PINAL JAYANTILAL	Part Time	129990907010	November 2012	Intrusion detection system using machine learning techniques in cloud computing	December 2018	No	-
17	Electrical Engg.	Dr. Vithal N. Kamat	ATUL V. KUNPARA	Part Time	129990909001	November 2012	Control of Voltage Source Converter (VSC) in weak Grid conditions	December 2018	No	-
18	Electrical Engg.	Dr. Vithal N. Kamat	PRAJAPATI YOGESHKUMAR RAMANLAL	Part Time	129990909002	November 2012	Price Based intelligence automatic generation and control	December 2018	No	-
19	Electrical Engg.	Dr. Vithal N. Kamat	VRUNDA R. KOTDAWALA	Part Time	129990909003	November 2012	Development of new piezoelectric generator with optimum power flow for energy harvesting	December 2018	No	-
20	Electronics & Communication Engg.	Dr. Subhash Chandra Bera	BHUMI P. BHATT	Part Time	129990911001	November 2012	Investigation of microwave power amplifiers non linearity and linearization techniques	December 2018	No	-
21	Electronics & Communication Engg.	Dr. Kishor G. Maradia	BHUPENDRA PARMAR	Part Time	129990911002	November 2012	Analysis & optimization of routing techniques for wireless Ad-Hoc Networks	December 2018	No	-
22	Electronics & Communication Engg.	Dr. Kulshrestha ashalata	HITESH T LORIYA	Part Time	129990911003	November 2012	Security enhancement of authentication and key agreement protocol for wireless communication network	December 2018	No	-
23	Electronics & Communication Engg.	Dr. Ashalata Kulshreshtha	KERALIYA DIVYESH RUDABHAI	Part Time	129990911004	November 2012	Optimization of cooperative spectrum sensing in cognitive radio	December 2018	No	-
24	Electronics & Communication Engg.	Dr. Narendrasinh Chauhan	GEETALI SAHA	Part Time	129990911006	November 2012	Development of efficient frameworks and techniques for image mining	December 2018	No	-
25	Electronics & Communication Engg.	Dr. R. A. Thakker	RATHOD AMIT C.	Part Time	129990911008	November 2012	Design & implementation of data dependent reconfigurable hardware accelerator System for computational intensive application	December 2018	No	-

26	Electronics & Communication Engg.	Dr. Subhash Chandra Bera	SHATRUGHNA PRASAD YADAV	Part Time	129990911010	November 2012	INVESTIGATIONS ON NONLINEARITY EFFECTS IN COMMUNICATION SYSTEMS AND THEIR COMPENSATION TECHNIQUES	December 2018	No	-
27	Electronics & Communication Engg.	Dr. Subhash Chandra Bera	PARMAR YOGESHKUMAR	Part Time	129990911011	November 2012	INVESTIGATION OF SUBSTRATE INTEGRATED WAVEGUIDE FILTERS AND CONSTRUCTION TECHNIQUES	December 2018	No	-
28	Electronics & Communication Engg.	Dr. Himanshu B. Soni	DARSHANKUMAR CHANDRAKANT DALWADI	Part Time	129990911012	November 2012	Proposed algorithm for MIMO - OFDM systems on fast time - varying multipath fading channel using Fuzzy method	December 2018	No	-
29	Electronics & Communication Engg.	Dr. Mihir Shah	PRAJAPATI PANKAJKUMAR PUNAMCHAND	Part Time	129990911013	November 2012	Computer aided CMOS based analog circuit design	December 2018	No	-
30	Electronics & Communication Engg.	Dr. Jayesh M. Patel	CHANDRESH DHULABHAI PAREKH	Part Time	129990911014	November 2012	Synchronization optimization in orthogonal frequency division multiplexing	December 2018	No	-
31	Electronics & Communication Engg.	Dr. Vipul A. Shah	RATANSING NANJIBHAI PATEL	Part Time	129990911016	November 2012	Rectangular Microstrip Patch Antenna Design for Satellite Image vision System Application	December 2018	No	-
32	Electronics & Communication Engg.	Dr. Himanshu B. Soni	SAMIRKUMAR D. TRAPASIYA	Part Time	129990911017	November 2012	Cross layer Optimization for packet scheduling in wireless sensor network	December 2018	No	-
33	Environment Engg.	Dr. N. S. Varandani	HUMA S SYED	Part Time	129990913001	November 2012	Energy Neutral Sewage Treatment Plants : Technological options, Evaluation & System design	December 2018	No	-
34	Environment Engg.	Dr. N. S. Varandani	MINARVA J PANDYA	Part Time	129990913002	November 2012	Study on Electro Oxi- Flocc system for removal of Refractory organics and colour from Industrial waste waters	December 2018	No	-
35	Instrumentation & Control Engg.	Dr. Vipul A. Shah	CHINTAN P. SHAH	Part Time	129990917001	November 2012	Medical signal analysis using artificial intelligence	December 2018	No	-
36	Instrumentation & Control Engg.	Dr. Axaykumar Mehta	DIPESH H. SHAH	Part Time	129990917002	November 2012	Discrete-Time Sliding Mode Control for Networked Control System	December 2018	No	-
37	Instrumentation & Control Engg.	Dr. Vipul A. Shah	KRUPA D. NARWEKAR	Part Time	129990917003	November 2012	Variable structure control approach for nonlinear systems	December 2018	No	-
38	Instrumentation & Control Engg.	Dr. Vipul A. Shah	PRAKASH MANSUKHBHAI PITHADIYA	Part Time	129990917004	November 2012	Identification & control of nonlinear system using hybrid soft computing	December 2018	No	-

39	Instrumentation & Control Engg.	Dr. Chetan B. Bhatt	RUTVIK K. SHUKLA	Part Time	129990917006	November 2012	Patient Support System	December 2018	No	-
40	Mechanical Engg.	Dr. Nilesh M. Bhatt	CHARULA H. PATEL	Part Time	129990919002	November 2012	Investigation of Performance characteristics of catalytic converter made from selective transient metals under different engine operating condition of four stroke petrol engine	December 2018	No	-
41	Mechanical Engg.	Dr. R. Muruges	DAVE DARSHANA KISHORBHAI	Part Time	129990919003	November 2012	Investigations on driving innovation in small size foundries through the implementation of lean six sigma principles	December 2018	No	-
42	Mechanical Engg.	Dr. Mulchandbhai B. Patel	DIPTESHKUMAR R. PATEL	Part Time	129990919004	November 2012	Design and optimization of milk-run material supply system with simultaneous pickups and deliveries in time windows	December 2018	No	-
43	Mechanical Engg.	Dr. Nilesh M. Bhatt	KULDIP TAKHTASINH DODIYA	Part Time	129990919005	November 2012	Investigation on louvered fins for compact heat exchanger	December 2018	No	-
44	Mechanical Engg.	Dr. D. P. Vakharia	TUSHAR P. GUNDARNEEYA	Part Time	129990919006	November 2012	Performance Analysis of Journal Bearing with nanolubricants	December 2018	No	-
45	Mechanical Engg.	Dr. Bharat M. Ramani	HEMANG JITENDRA PAREKH	Part Time	129990919007	November 2012	Performance investigation of high speed low rating diesel engine	December 2018	No	-
46	Mechanical Engg.	Dr. Ragesh Kapadia	GOHEL JIGNESHKUMAR VINUBHAI	Part Time	129990919008	November 2012	Testing of new refrigerant (HFO - 1234yf) as replacement of R - 134a refrigerant in vapour compression refrigeration (VCR) system	December 2018	No	-
47	Mechanical Engg.	Dr. M. G. Bhatt	NILESH H. PANCHOLI	Part Time	129990919010	November 2012	Investigation on performance reliability improvement by optimizing maintenance practices through failure analysis in continous process industry	December 2018	No	-
48	Mechanical Engg.	Dr. N. M. Bhatt	NIRAV S. JOSHI	Part Time	129990919011	November 2012	Investigations on Exhaust Gas Recirculation (EGR) for C I Engine fueled by Biodiesel-Diesel blends	December 2018	No	-
49	Mechanical Engg.	Dr. Mangal G. Bhatt	NIRMAL NITAL PRAVINBHAI	Part Time	129990919012	November 2012	Development of a Multi Attribute decision making Technique for Improved performance in Manufacturing and Supply Chain Function	December 2018	No	-
50	Mechanical Engg.	Dr. Anishkumar H. Gandhi	PATEL VALLABH DAHYABHAI	Part Time	129990919013	November 2012	Investigation of effect of cutting parameters and tool nose radius on cutting forces and surface roughness in finish hard turning of AISI D2 steel with CBN tool	December 2018	No	-
51	Mechanical Engg.	Dr. George P. M.	SAURIN MUKUNDBHAI SHETH	Part Time	129990919014	November 2012	Investigation of Machining process parameters in the context of geometric dimensioning and Tolerancing (GD & T)	December 2018	No	-

52	Mechanical Engg.	Dr. J. M. Prajapati	VAGHELA PRIYAKANT AATMARAM	Part Time	129990919015	November 2012	Optimization of bending stress at critical section of asymmetric spur gear	December 2018	No	-
53	Mechanical Engg.	Dr. N. M. Bhatt	VEGAD MITESH SHAMJI	Part Time	129990919016	November 2012	Numerical simulation of transport processes during growth of single crystal using Czochralski crystal growth technique	December 2018	No	-
54	Management	Dr. Satendra Kumar	AVNI PATEL	Part Time	129990992002	November 2012	A study of awareness, attitude & factors influencing personal financial planning for residents of Gujarat	December 2018	No	-
55	Management	Dr. Siddharth Das	DAISY N.KURIEN	Part Time	129990992003	November 2012	A study of factors influencing perception of tweens for multinational fast food restaurants (QSR) : with special reference to Gujarat	December 2018	No	-
56	Management	Dr. Satendra Kumar	DARSHANA DESAI	Part Time	129990992004	November 2012	A study of design aspects of web personalisation for online users from India	December 2018	No	-
57	Management	Dr. Prashant Joshi	DELNAZ DASTOOR	Part Time	129990992005	November 2012	A study on analysing Indian mergers and acquisitions & its impact on financial performance of selected corporates in India	December 2018	No	-
58	Management	Dr. Jayaashish Sethi	GINCY JJU MATHEW	Part Time	129990992011	November 2012	A Study of Consumer Perception Towards Celebrity Endorsement and its Impact on Brand Building (A Study with Special Focus on Teenagers in Select Cities of Gujarat)	December 2018	No	-
59	Management	Dr. S. Chinnam Reddy	HIREN PRAKASHBHAI MEHTA	Part Time	129990992013	November 2012	A study on women empowering through microfinance in Gujarat	December 2018	No	-
60	Management	Dr. Pradeep Desai	MANSI PARIKH	Part Time	129990992016	November 2012	A study on development of competency based HR systems for sales function in pharma sector	December 2018	No	-
61	Management	Dr. Siddharth Das	NIDHI SHARMA	Part Time	129990992019	November 2012	A study on consumer perceived risk towards online shopping in select cities of Gujarat State	December 2018	No	-
62	Management	Dr. Hrudanand N. Misr	POOJA DHIREN KUNWAR	Part Time	129990992021	November 2012	A study on consumer behaviour towards organized apparel retail industry with reference to Gujarat	December 2018	No	-
63	Management	Dr. Abhijeet Chaterjee	ROSHNA THOMAS	Part Time	129990992026	November 2012	A study on mobile banking in the state of Gujarat	December 2018	No	-
64	Management	Dr. Satendra Kumar	RUPAL K. KHAMBHATI	Part Time	129990992027	November 2012	Service quality measurement of public healthcare centre - A comparative study on urban and rural consumers of Surat district	December 2018	No	-

65	Management	Dr. B. C. Ajmera	VED AMBARISH H.	Part Time	129990992036	November 2012	Tourism marketing and customer satisfaction with special reference to selected tourist places in Gujarat	December 2018	No	-
66	Management	Dr. B. M. Jani	VISHAL GOEL	Part Time	129990992037	November 2012	Financial effectiveness and impact of microfinance in Gujarat	December 2018	No	-
67	Management	Dr. Siddharth Das	HIMANI SHETH	Part Time	129990992038	November 2012	Impact of workforce diversity on employee performance with special reference to IT, FMCG & telecom industry in Gujarat	December 2018	No	-
68	Management	Dr. A. K. Makwana	PARMAR MANISHKUMAR P.	Part Time	129990992040	November 2012	An in-depth study of effectiveness of using Value Chain Model in milk production by the milk producers of Gujarat	December 2018	No	-
69	Management	Dr. Amit jain	Ambavale Riddhi Praka	Part Time	129990992041	November 2012	A Study on Emotional Competence of Sales People in Organised Retail in Major Cities of Gujarat State	December 2018	No	-
70	Management	Dr. Sandip P. Solanki	KRUNAL SHASHIKANT VISHAVADIA	Part Time	129990992042	November 2012	Research on influence of below the line promotion on doctor's prescription pattern, retailer's behaviour and consumer's purchasing behaviour	December 2018	No	-
71	Management	Dr. Prashant Joshi	MEHUL DHANSUKHLAL GANJAWALA	Part Time	129990992044	November 2012	A study of employee empowerment and its impact on customer satisfaction with reference to selected banks of South Gujarat	December 2018	No	-
72	Pharmacy	Dr. Lakshmanbhai D. Patel	HADIYA BHOOMITA GOPALJI	Part Time	129990990002	November 2012	Formulation, development and evaluation of nasal mucoadhesive dosage forms containing desmopressin actene : in vivo - in vitro	December 2018	No	-
73	Pharmacy	Dr. Sunita Goswamy	DEEPTI KAUSHALKUMAR JANI	Part Time	129990990003	November 2012	Pharmacological investigations of medicinal plants in metabolic disorders - an experimental study	December 2018	No	-
74	Pharmacy	Dr. Girish K. Jani	THAKKER HITESH VAIKUNTHRAM	Part Time	129990990005	November 2012	Preparation, evaluation and scale up of extended release oral dosage form of antipsychotic drugs	December 2018	No	-
75	Pharmacy	Dr. Saisivam Srinivasan	SUJIT KUMAR DEBNATH	Part Time	129990990008	November 2012	Nanoparticulate drug delivery system for Tuberculosis	December 2018	No	-
76	Pharmacy	Dr. L. D. Patel	PARMAR MAYURBHAI PRAKASHBHAI	Part Time	129990990009	November 2012	Formulation and characterisation of lipid nanoparticles bearing Tazarotene for enhanced topical delivery in psoriasis	December 2018	No	-
77	Pharmacy	Dr. Pasha T. Yunus	PATEL SHITAL SUKHABHAI	Part Time	129990990010	November 2012	Forced degradation study of selective Hi - antihistaminic drugs in bulk and formulation	December 2018	No	-

78	Pharmacy	Dr. Girish K. Jani	RAMANI VINODKUMAR DEVCHANDBHAI	Part Time	129990990011	November 2012	Formulation and evaluation of nanoparticles of HMG - CoA reductase inhibitor	December 2018	No	-
79	Pharmacy	Dr. U. M. Upadhyay	RUCHIR SHAH	Part Time	129990990012	November 2012	Anticounterfit medication Technique	December 2018	No	-
80	Pharmacy	Dr. Vandana B. Patel	SURATI JASMINA SHIVLAL	Part Time	129990990014	November 2012	Development and validation of stability indicating assay methods for estimation of anti diabetic drugs	December 2018	No	-
81	Computer science	Dr. Priyanka Sharma	PATEL FALGUNIBEN BHIKHUBHAI	Part Time	129990931001	November 2012	A clinical support system for diagnosis of various diseases in the field of Ophthalmology	December 2018	No	-
82	Computer science	Dr. Bhushan Trivedi	RAJENDRA SOMCHAND PARMAR	Part Time	129990931003	November 2012	Optimized Algorithm for predicting, detecting vehicular congestion to achieve uniform vehicular density	December 2018	No	-
83	Computer science	Dr. Priyanka Sharma	RUTVI SHAH	Part Time	129990931004	November 2012	Decision support system for automatic identification of ROI for medical images	December 2018	No	-
84	Computer science	Dr. Priyanka Sharma	SURTI AKILHUSEIN ZULFIKAR	Part Time	129990931005	November 2012	An Analysis of Microarrays Gene Expression for classification and Mining of Biological Patterns	December 2018	No	-