

## GUJARAT TECHNOLOGICAL UNIVERSITY

### RESEARCH WEEK 2019 SCHEDULE FOR RESEARCH SCHOLARS OF PhD (Engineering & Computer Science Discipline)

Ref.: GTU/PhD/RW19/Engg\_CS/1862

Date:01/03/2019

Sr. No.	Date	Hall	Discipline/ Branch	Enrollment No.	Name of the scholar	Research Title	Name of the Supervisor
1	05-03-19	04	Civil Engineering	159997106004	Bhasker Vijaykumar Bhatt	VULNERABILITY MODELING BASED ON EFFECTS OF URBAN LAND USE LEADING TO CLIMATE CHANGE	Dr. Neeraj D. Sharma
2	05-03-19	04	Civil Engineering	159997106013	NIDHI CHIRAG PANDYA	IMPACT OF URBANISATION ON WATER QUALITY	DR. REENA POPAWALA
3	05-03-19	04	Civil Engineering	159997106014	RENA NARENDRABHAI SHUKLA	LANDUSE TRANSPORTATION INTERACTION MODEL DEVELOPMENT FOR URBAN AREA	Dr.P.J.Gundaliya
4	06-03-19	04	Electronics & Communication Engineering	139997111007	KRUNAL P ACHARYA	Detection Algorithm for Cognitive Radio (CR) Networks in Presence of Multiple User Interference	Dr. Mihir V. Shah
5	06-03-19	04	Electronics & Communication Engineering	139997111010	RAJPUT SANDEEPKUMAR JAWAHARLAL	DESIGN AND DEVELOPMENT OF ROBUST CHANNEL CODING AND SOFT SWITCHING ALGORITHM FOR HYBRID FSO/RF COMMUNICATION SYSTEM	Dr. Yashwant B Acharya
6	06-03-19	04	Electronics & Communication Engineering	139997111012	Pankaj M. Patel	Heterogeneous sensor Network	Dr. Chetan Bhatt
7	12-03-19	01	Electronics & Communication Engineering	169999915001	TRIVEDI MANTHAN JAYENDRABHAI	DESIGN & IMPLEMENTATION OF PARALLEL MULTIPLIER USING ADVANCED MODIFIED BOOTH ENCODING ALGORITHM	Dr. Yagnesh B Shukla
8	12-03-19	01	Electronics & Communication Engineering	179999915006	KINJAL ASHOKKUMAR BHAVSAR	SOLAR CELL CHARACTERIZATION	DR. PRANAV BIPINCHANDRA LAPSIWALA
9	18-03-19	01	Computer/ IT Engineering	129990907007	PATEL KALPESHKUMAR MANGALBHAI	Unifying design model using patterns to adapt security pattern for software development	Dr. J. S. Shah
10	18-03-19	01	Computer/ IT Engineering	149997107005	LAKHANI GAURANG VINODRAY	FAULT MANAGEMENT THROUGH LOAD BALANCING IN DISTRIBUTED CONTROLLER WITH SDN	DR AMIT DINESHCHANDRA KOTHARI
11	18-03-19	01	Computer/ IT Engineering	169999913017	VARIA DHAVALKUMAR JITENDRAKUMAR	CLOUD BASED AIR POLLUTION MONITORING & ANALYSIS FOR SMART CITIES USING DELAY TOLERANT NETWORK	Dr. Ashish Kothari

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12	18-03-19	02	Computer Science	139997431004	RUSHABHKUMAR RAMESHCHANDRA SHAH	Relevance Feedback Approach for Content Based Image Retrieval (CBIR) Systems. [ Still needs to be modified as per guide and reviewers comment]	DR. Priyanka Sharma
13	18-03-19	02	Computer/ IT Engineering	159997107003	Chintan B. Thacker	Human Behavioral Analysis For Intelligent Video Surveillance System	Dr. Ramji M Makwana
14	18-03-19	02	Computer/ IT Engineering	159997107014	Jigna Jayantilal Patel	Passive Approaches for Digital Image Forgery Detection	Dr. Ninad Sunilkumar Bhatt
15	18-03-19	03	Computer/ IT Engineering	169999913014	SHAH KOMAL KISHORKUMAR	DESIGN, ANALYZE AND IMPLEMENTATION OF EFFICIENT DATA CLASSIFICATION METHOD FOR RELATIONAL DATA WITH MULTI VIEW LEARNING	Dr. Kajal S. Patel
16	18-03-19	03	Computer/ IT Engineering	179999913013	KALPANA ALAGIRI MUDALIAR	TEXT MINING, ONTOLOGY	DR. HITESH CHHINKANIWALA
17	18-03-19	04	Computer/ IT Engineering	139997107002	DHARA HITARTH BUCH	Security in Cloud Virtualization layer	Dr Haresh S Bhatt
18	18-03-19	04	Computer Science	149997431003	SAVAN ARVINDBHAI RAITHATHA	DESIGNING ONLINE CONTENT ANALYZER FOR WOMEN EMPLOYMENT IN INDIA	DR. AMIT D. KOTHARI
19	18-03-19	04	Computer/ IT Engineering	169999913009	LADHA AKHILESH YATIRAJ	DEMAND BASED DYNAMIC ROUTING PROTOCOL FOR PUBLIC TRANSPORT SYSTEM	Dr. Nirbhay Chaubey
20	18-03-19	05	Computer/ IT Engineering	139997107005	Mazin Mohamed Ashoor alkathiri	Knowledge discovery in Geospatial database for/and Decision Support Systems development.	Dr. M B Potdar
21	18-03-19	05	Computer Science	149997431002	PREETI VIPUL KATHIRIA	DOCUMENT ANALYSIS FOR TREND ESTIMATION OF RESEARCH SCENARIO IN INDIAN UNIVERSITIES	DR. HARSHAL ASHOK AROLKAR
22	18-03-19	05	Computer/ IT Engineering	159997107016	MALA HASMUKHBHAI MEHTA	ROLE OF EVOLUTIONARY COMPUTING TECHNIQUES IN CLASSIFICATION FOR KNOWLEDGE DISCOVERY	DR. NARENDRASINH C. CHAUHAN
23	18-03-19	06	Computer Science	139997431003	RAVAL KAMESHKUMAR RAJENDRAKUMAR	Wireless Sensor Networks	Dr. Nilesh Modi
24	18-03-19	06	Computer/ IT Engineering	159997107013	JAYKUMAR DHIRENDRABHAI AMIN	SECURE ROUTING PROTOCOL FOR VANET	Dr Narendra M Patel

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25	18-03-19	06	Computer/ IT Engineering	159997107020	PRIYANG PRAKASHCHANDRA BHATT	Design and implementation of secure IOT based system	DR. BHASKAR VINODCHANDRA THAKKER
26	18-03-19	07	Mechanical Engineering	149997119011	KAMLESH K MEHTA	EXPERIMENTAL INVESTIGATIONS OF FLAT PLATE OSCILLATING HEAT PIPE	DR.NIRVESH SUMANBHAI MEHTA
27	18-03-19	07	Mechanical Engineering	159997119028	RAKESH KANTILAL BUMATARIA	An investigation on thermal performance of cylindrical heat pipe using hybrid nanofluid	DR. NEERAJKUMAR KABIRDIN CHAVDA
28	18-03-19	07	Mechanical Engineering	179999919026	MEVADA DINESHKUMAR DASHARATHBHAI	EXPERIMENTAL INVESTIGATION ON A COMBINED SENSIBLE AND LATENT HEAT STORAGE UNIT INTEGRATED WITH SOLAR WATER HEATING SYSTEM	DR. HITESH PANCHAL
29	18-03-19	08	Mechanical Engineering	139997119001	CHIRAG AMRUTLAL MARADIYA	Analysis of heat transfer in conical shell and circular tube heat exchanger	Dr. JEETENDRA A. VADHER
30	18-03-19	08	Mechanical Engineering	159997119015	JUGALKUMAR MUKESHBHAI PANCHAL	ENHANCEMENT OF HEAT TRANSFER BEHAVIOR OF A PHASE CHANGE MATERIAL	Dr. Vikas J Patel
31	18-03-19	08	Mechanical Engineering	179999919032	PATEL ANILKUMAR JOITARAM	EXPERIMENTAL INVESTIGATION ON HEAT TRANSFER ENHANCEMENT USING NANO FLUID IN A RADIATOR	DR. PIYUSH SHANTISWAROOP JAIN
32	18-03-19	09	Electronics & Communication Engineering	179999915017	SEVAK MAYURKUMAR MAHENDRAKUMAR	DEVELOPMENT OF WEARABLE ECG RECORDER	DR. TANMAY D. PAWAR
33	19-03-19	01	Computer/ IT Engineering	129990907005	NILESH MALTARE	ADAPTIVE DESIGN PATTERN FOR PARALLEL PROGRAMMING	Dr. Vithal N. Kamat
34	19-03-19	01	Computer/ IT Engineering	149997107002	DARSHAN MANSUKHBHAI TANK	ENHANCING SECURITY AND PRIVACY IN MOBILE CLOUD COMPUTING	DR. AKSHAI AGGARWAL
35	19-03-19	01	Computer Science	149997431004	SHIMI BIJU	AGGREGATION ALGORITHM IN CLOUD COMPUTING	DR. AMIT DINESHCHANDRA KOTHARI
36	19-03-19	02	Computer/ IT Engineering	169999913006	JOSHI KINJAL VISHNUPRASAD	CROWD ANALYSIS USING COMPUTER VISION TECHNIQUES	Dr. Narendra M. Patel
37	19-03-19	02	Computer/ IT Engineering	169999913008	KEVADIA KAUSHAL TULSIBHAI	IMAGE SECURITY	Dr. Vivaksha Jariwala
38	19-03-19	02	Computer/ IT Engineering	179999913004	AVANI NAKUL DAVE	IMAGE BASED FOOD CALORIE ESTIMATION AND DIETARY ASSESSMENT FOR DIABETIC PERSON	DR. SHAH SANJAY MANUBHAI

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39	19-03-19	03	Computer/ IT Engineering	169999913016	TANDEL SAURABH SHANTILAL	COMPOSITE FILTERING APPROACH FOR WEB RECOMMENDATION SYSTEM: SEQUENTIAL, CONTENT BASED AND SERENDIPITOUS	Dr. Keyur Rana
40	19-03-19	04	Computer/ IT Engineering	159997107002	Chetan Solanki	Internet of Things: Research and Innovation on Semantic Interoperability	Dr.Ninad Bhatt
41	19-03-19	04	Computer/ IT Engineering	159997107015	KIRTIKUMAR JASHAVANTBHAI SHARMA	RESOURCE MANAGEMENT & SCHEDULING IN A CLOUD	Dr Narendra M Patel
42	19-03-19	04	Computer/ IT Engineering	159997107018	MONIKA GUNVANTBHAI SHAH	ENERGY EFFICIENT NOSQL DATABASE MANAGEMENT	Dr Amit D Kothari
43	19-03-19	05	Computer/ IT Engineering	179999913023	PRATIKKUMAR ASHOKKUMAR BAROT	IMPROVE RARE CLASS CLASSIFICATION OF IMBALANCED DATA	DR. JETHVA HARIKRISHNA BABUBHAI
44	19-03-19	06	Computer Science	139997431002	RASHMI A. GANDHI	Design and Development of Audio Encryption Algorithm with High Energy efficiency for Secure Communication	DR. ATUL GOSAI
45	19-03-19	06	Computer/ IT Engineering	149997107001	CHARANDAS RAMKRUSHNA POTE	RECOVERY FROM SIMULTANEOUS NODE FAILURE AND NETWORK COVERAGE LOSS IN WIRELESS SENSOR-ACTOR NETWORKS WITH MINIMAL TOPOLOGY CHANGES	DR. PRAVIN JAGANNATH NIKUMBH
46	19-03-19	06	Computer/ IT Engineering	159997107008	HARDIK KARASANBHAI MOLIA	A TRANSPORT LAYER ENHANCEMENT TO DIFFERENTIATE LOSSES IN MANETS	Dr AMIT D KOTHARI
47	19-03-19	07	Electronics & Communication Engineering	149997111009	ROBINSON PRAVINCHANDRA PAUL	STOCHASTIC HYBRID SYSTEM:ESTIMATION AND CONTROL TECHNIQUE	DR.THAKAR VISHVJIT K.
48	19-03-19	07	Electronics & Communication Engineering	149997111010	RUTUL ANILKUMAR PATEL	SIGNAL PROCESSING ISSUES IN COMPRESSIVE SENSING	DR. THAKAR VISHVJIT KASHYAPRAY
49	19-03-19	07	Electronics & Communication Engineering	159997111013	RAJNIKANT NATUBHAI RATHOD	SPEECH CODING FOR WIRELESS COMMUNICATION	Dr. Mehfuza Holia
50	19-03-19	08	Mechanical Engineering	119997119007	Nisha V Bora	Investigation on Evacuated Tube Solar Collector as Thermic Fluid Heater	Dr N M Bhatt

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51	19-03-19	08	Mechanical Engineering	119997119008	Prexa H Parikh	Investigation of Active Solar Still with Evacuated Tube Collector (ETC)	Dr N M Bhatt
52	19-03-19	08	Mechanical Engineering	119997119015	Vora Chetan P.	Investigations on Evacuated Glass Tube solar collector as air heater	Dr N M Bhatt
53	19-03-19	09	Mechanical Engineering	139997119002	HALVADIA HIREN R.	Exergy analysis and energy analysis of rolling process	DR.R.L.ZALA
54	19-03-19	09	Mechanical Engineering	159997119018	KRUNAL BHUPATBHAI KHIRAIYA	DEVELOPMENT AND ANALYSIS TO OPTIMIZE LIQUID BIOFUEL FOR DIESEL FIRED BOILER	DR. P. V. RAMANA
55	19-03-19	09	Mechanical Engineering	179999919058	SOLANKI ANKURSINH PRAVINSINH	EXPERIMENTAL INVESTIGATION ON FLEXIBLE PULSATING HEAT PIPE USING NANOFLUID FOR HEAT TRANSFER ENHANCEMENT	DR. RAGESH G. KAPADIA
56	20-03-19	01	Computer Science	139997431006	NAIR VINITA NARAYAN	Enhancing the efficiency of data access in mobile clouds during mobile mobility	Dr. Harshal Arolkar
57	20-03-19	01	Computer/ IT Engineering	149997107003	HELLY HARSHADKUMAR PATEL	FACIAL FEATURE ANALYSIS	DR. PRAVIN JAGANNATH NIKUMBH
58	20-03-19	01	Computer Science	159997431001	MILIND KUMAR AUDICHYA	A COMPUTATIONAL LINGUISTIC APPROACH FOR METADATA GENERATION FOR HINDI POETRY	DR. SAINI JATINDERKUMAR RAMDASS
59	20-03-19	02	Computer/ IT Engineering	169999913003	DAVE NAKUL RAJNIKANT	TEXTUAL CONTENT ANALYSIS USING TOPIC MODELING APPROACH	Dr. Mayuri A. Mehta
60	20-03-19	03	Computer/ IT Engineering	159997107007	GURUCHARANSINGH JASWANTSINGH SAHANI	Developing an automatic attribute based access control policy generation mechanism for converting existing RBAC systems into ABAC system and auditing mechanism useful for cloud computing and distributed applications	Dr. Chirag Suryakant Thaker
61	20-03-19	03	Computer/ IT Engineering	159997107011	HITESHKUMAR ARAJANBHAI BHEDA	Achieving Performance Optimization by Enhancing Energy Efficiency in Green Cloud Computing	Dr. Chirag Suryakant Thaker
62	20-03-19	03	Computer/ IT Engineering	169999913010	PANCHAL BAKUL BALDEVBHAI	TASK SCHEDULING INDUCED LOAD OPTIMIZATION IN VIRTUALIZED CLOUD COMPUTING ENVIRONMENT	Dr. Chirag Thaker
63	20-03-19	04	Computer/ IT Engineering	159997107005	FALGUNIBEN NARENDRABHAI PATEL	IMPROVING PERFORMANCE OF CLASSIFIER FOR LARGE-HIGH DIMENSIONAL DATA USING DATA REDUCTION	Dr. Hitesh Bhupendrabhai Shah

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64	20-03-19	04	Computer Science	169999902001	MODH JATINKUMAR CHAMANLAL	A SYSTEM FOR IMPROVED MACHINE TRANSLATION FROM GUJARATI TO ENGLISH	Dr. Jatinderkumar Ramdas Saini
65	20-03-19	04	Computer Science	179999902002	RINKU VIPULBHAI CHAVDA	EFFICIENT AND SCALABLE SMART METER ANALYTICS OF ELECTRICITY CONSUMPTION PATTERNS AND PROFILES FOR LOAD FORECASTING	DR. KOTWAL CHETAN D.
66	20-03-19	05	Electronics & Communication Engineering	139997111009	PINKY J. BRAHMBHATT	Investigations on Speaker Recognition System	Dr.K.G.Maradia
67	20-03-19	05	Electronics & Communication Engineering	139997111011	VAGHELA KINNAR GIRDHARLAL	Enhancement of Speech Noise Elimination Technique	Dr. Ashalata Kulshrestha
68	20-03-19	06	Mechanical Engineering	129990919005	KULDIP TAKHTASINH DODIYA	Investigation on louvered fins for compact heat exchanger	Dr. Nilesh M. Bhatt
69	20-03-19	06	Mechanical Engineering	159997119004	BHARGAV HARSHADRAY UPADHYAY	DESIGN OPTIMIZATION AND PERFORMANCE ANALYSIS OF SOLAR PARABOLIC TROUGH COLLECTOR	DR. P. V. RAMANA
70	20-03-19	06	Mechanical Engineering	179999919028	MISTRY MIHIR HASMUKHBHAI	ENHANCEMENT OF DISTILLATE OUTPUT FROM ACTIVE SOLAR STILL COUPLED WITH EVACUATED TUBE COLLECTOR	DR. NILESH M. BHATT
71	20-03-19	08	Electrical Engineering	119997109003	Pandya Manish Mahendrabhai	Matrix converter and PMSG based wind energy conversion system an optimal control approach	Dr. Bhavesh Bhalja
72	20-03-19	08	Electrical Engineering	149997109010	PRAVINKUMAR DHANJIBHAI PATEL	INVESTIGATION AND ANALYSIS OF REDUCTION OF TORQUE RIPPLE USING DIRECT TORQUE CONTROL METHOD FOR AC DRIVE	DR.SAURABH NANDKISHORBHAI PANDYA
73	20-03-19	08	Electrical Engineering	159997109002	Mrs. Darshni M. Shukla	Multilevel multi function inverter for grid connected solar panel	Dr.Naimish Zaveri
74	20-03-19	09	Computer Science	169999902002	VAGHELA ALPESH ARVINDKUMAR	TACKLING THE CHALLENGES OF BIG DATA	Dr. Anilkumar Suthar

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75	22-03-19	01	Mechanical Engineering	169999919007	MEHTA NIRAV DIPAKKUMAR	COMPUTER AIDED EXPERT SYSTEM FOR SURFACE DEFECT ANALYSIS OF SAND CASTING	Dr. Ashishkumar V. Gohil
76	22-03-19	01	Mechanical Engineering	179999919002	ANANDKUMAR KANUBHAI PATEL	IDENTIFICATION AND ANALYSIS OF CENTRIFUGAL FORCE DURING MOULD FILLING IN UNIVERSAL CENTRIFUGAL CASTING (UCC)	Dr. Vinod Patel
77	22-03-19	01	Mechanical Engineering	179999919055	SHELADIYA MANOJKUMAR VITTHALBHAI	INVESTIGATION OF THE MACHINABILITY AT THE MOULD-METAL INTERFACE IN FNB CASTING	DR. SHAILEE G. ACHARYA
78	22-03-19	03	Mechanical Engineering	149997119020	RAJESHKUMAR AMRUTLAL PRAJAPATI	EXPERIMENTAL INVESTIGATION ON WIRE-CUT EDM FOR METAL MATRIX COMPOSITE MATERIAL	DR. M.N. QURESHI MOHAMED RAFIK N
79	22-03-19	03	Mechanical Engineering	159997119006	HARDIK G CHOTHANI	INVESTIGATION OF OIL CHURNING LOSS IN WORM GEAR	DR. MANIYA KALPESHKUMAR DUDABHAI
80	22-03-19	03	Mechanical Engineering	169999919022	YADAV NAVNEETSINH SHIVKUMAR	EFFECT OF ABRASIVE PARTICLES WITH POLYMERIC ADDITIVES ON WATERJET LAGGING	Dr. Neeraj K. Chavda
81	22-03-19	03	Mechanical Engineering	179999919013	GOLAKIYA VINOD DEVRAJBHAI	PARAMETRIC INVESTIGATION ON SINGLE POINT INCREMENTAL FORMING (SPIF) PROCESS THROUGH EXPERIMENTAL AND FINITE ELEMENT ANALYSIS	DR. MAHESH CHUDASAMA
82	22-03-19	04	Mechanical Engineering	149997119005	BHUPENDRA SUBHASH PATIL	THEORETICAL AND EXPERIMENTAL INVESTIGATIONS ON WATER EMULSIFIED CI ENGINE	DR. RAJESH C IYER
83	22-03-19	04	Mechanical Engineering	159997119017	KINTU RAJEEV PATEL	INFLUENCE OF WATER - DIESEL MICRO EMULSIFIED MIXTURE ON DIESEL ENGINE PERFORMANCE AND EMISSION	DR. VIJAY D. DHIMAN
84	22-03-19	05	Mechanical Engineering	149997119016	NEMISHA GOSWAMI	EXPERIMENTAL INVESTIGATION FOR MACHINING AND TRIBOLOGICAL STUDY OF MMC	DR. KOMAL GHANSHYAMBHAI DAVE
85	22-03-19	05	Mechanical Engineering	169999919012	PANDYA VISHAL ANILKUMAR	ESTIMATION OF DIES STRESS AND WEAR IN HOT FORGING TO IMPROVE THEIR LIFE	Dr. P.M. George

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86	22-03-19	05	Mechanical Engineering	169999919019	SHINDE DINESH SUBHASH	INVESTIGATION OF TRIBOLOGICAL AND MECHANICAL PROPERTIES OF ASBESTOS FREE COMPOSITE BRAKE LINING MATERIAL	Dr. K.N. Mistry
87	22-03-19	05	Mechanical Engineering	179999919017	JAIN ASHISH OMPRAKASH	TRIBOLOGICAL EXPERIMENTATION & ELUCIDATION OF MIXED & BLENDED LUBRICATIONS EFFECTS ON PRA (PISTON RING ASSEMBLY) OF AN I. C. ENGINE	DR. HIRALAL SUBHASH PATIL
88	22-03-19	05	Mechanical Engineering	179999919033	PATEL DHAVALKUMAR KANTIBHAI	TRIBOLOGICAL CHARACTERIZATION OF COMPLEX CARBIDES COATING USING HVOF PROCESS	DR. PINA M. BHATT
89	30-03-19	05	Mechanical Engineering	159997119019	Mamta Ambalal Patel	Experimental Investigation for development of Compacted Graphite Iron (CGI) and its characterization	Dr. Komal Dave
90	22-03-19	06	Mechanical Engineering	179999919018	JARIWALA HITESHKUMAR SUDHIRKUMAR	EXPERIMENTAL AND ANALYTICAL INVESTIGATIONS TO ANALYSE MECHANICAL PROPERTIES OF NATURAL FIBER REINFORCED COMPOSITES	DR. PIYUSH SHANTISWAROOP JAIN
91	22-03-19	06	Mechanical Engineering	179999919024	KAVITA KISHIN KRIPALANI	EVOLUTION OF REPAIR WORK USING NITI ALLOYS THROUGH ADDITIVE TECHNOLOGY & ITS TESTING BY NONINTENDATION PROCEDURE	DR. PIYUSH SHANTISWAROOP JAIN
92	22-03-19	06	Mechanical Engineering	179999919036	PATEL NIKUNJKUMAR HARESHBHAI	EXPERIMENTAL AND ANALYTICAL INVESTIGATIONS TO ANALYZE THE EFFECT OF RANDOMLY DISTRIBUTED SHORT FIBERS ON MECHANICAL PROPERTIES OF COMPOSITE MATERIAL	DR. PIYUSH SHANTISWAROOP JAIN
93	22-03-19	06	Mechanical Engineering	179999919045	RAOL TEJENDRASINH SAMANTSINH	EXPERIMENTAL INVESTIGATION TO DEVELOPE FUNCTIONALLY GRADED MATERIAL WITH FUSED DEPOSITION MODELING	DR. KOMAL G. DAVE
94	22-03-19	07	Mechanical Engineering	179999919029	NIMESH KANAIYALAL SONI	INVESTIGATION AND OPTIMIZATION AT ENGINEERING TO ORDER PROCESS IN PRESSURE VESSEL INDUSTRIES WITH HELP OF INTERNET OF THINGS	DR. JEETENDRAKUMAR A VADHER
95	22-03-19	07	Mechanical Engineering	179999919041	PATHAK AMISHA YASHODHAR	IMPROVEMENT IN THE PERFORMANCE OF SELECTED ORGANIZATIONAL FUNCTIONS USING CLOUD COMPUTING	PROFESSOR (DR.) M. G. BHATT
96	25-03-19	01	Computer/ IT Engineering	179999913005	BRIJESHKUMAR PRABHUBHAI PATEL	NETWORK TRAFFIC CLASSIFICATION USING ADVANCE MACHINE LEARNING TECHNIQUES	DR. HITESH BHUPENDRABHAI SHAH

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97	25-03-19	01	Computer/ IT Engineering	179999913007	DESAI ARCHANA NATVARBHAI	PASSENGER FLOW ESTIMATION AND PREDICTION OF PUBLIC BUS TRANSPORT SYSTEM	DR. NIRBHAY CHAUBEY
98	25-03-19	01	Computer/ IT Engineering	179999913009	GAMIT NIKUNJ CHUNILAL	SHORT ANSWER GRADING USING NATURAL LANGUAGE PROCESSING	DR. SHAILESHKUMAR DINESHKUMAR PANCHAL
99	25-03-19	01	Computer/ IT Engineering	179999913017	KOTADIYA HIREN ANANTKUMAR	WEB CONTENT CHARACTERIZATION AND AGGREGATION USING MACHINE LEARNING	DR. VIPUL VEKARIYA
100	25-03-19	01	Computer/ IT Engineering	179999913025	RAMANI SAGAR V.	METADATA BASED MALWARE DETECTION TECHNIQUE USING MACHINE LEARNING APPROACH	DR. RUTVIJ H. JHAVERI
101	25-03-19	01	Computer/ IT Engineering	179999913031	VAZA RAHUL NARESHBHAI	DEVELOPMENT OF THE SPECIALIZED METHODOLOGIES FOR VIRTUAL MACHINE INTROSPECTION USING MACHINE LEARNING	DR. RAMESH T. PRAJAPATI
102	25-03-19	02	Computer/ IT Engineering	169999913002	ASHWINI KUMAR JHA	SENSING AND MANAGING THROUGH IOT	Dr. Tanmay D. Pawar
103	25-03-19	02	Computer/ IT Engineering	169999913005	JANI KEYURBHAI ARVINDBHAI	SMARTNESS MECHANISM IN DESIGN OF AGRICULTURE FRAMEWORK USING IOT DEVICES (SMAIOT)	Dr. Nirbhay Chaubey
104	25-03-19	02	Computer/ IT Engineering	179999913002	AMITABEN VISHAL SHAH	SECURITY ENHANCEMENT BY APPLYING LIGHT WEIGHT CRYPTOGRAPHY IN IOT	DR. SHAH SANJAY MANUBHAI
105	25-03-19	02	Computer/ IT Engineering	179999913011	JIGNESH HARENKUMAR VANIYA	EFFICIENT APPROACH TO REDUCE GHG BY APPLYING SMART CITY SOLUTION AS STREET LIGHT AUTOMATION	DR. SHAILESHKUMAR DINESHKUMAR PANCHAL
106	25-03-19	02	Computer/ IT Engineering	179999913022	PATEL VIREN JAGUBHAI	DEVELOPING SEMANTIC LEARNING MODELS OVER DATA STREAMS IN IOT ENVIRONMENT	DR. VIRAL H. BORISAGAR
107	25-03-19	03	Computer/ IT Engineering	179999913018	MAHETA PRASHANT DHIRAJLAL	ONTOLOGY-BASED RECOMMENDED SYSTEM FOR MEDICAL DIAGNOSIS	DR. JETHVA HARIKRISHNA BABUBHAI
108	25-03-19	03	Computer/ IT Engineering	179999913020	NAMRATA SETU SHROFF	AUTOMATIC IDENTIFICATION OF EMAIL DOCUMENT USING TEXT MINING	DR. AMISHA HETAL SHINGALA
109	25-03-19	07	Mechanical Engineering	169999919017	SAGAPARIYA RAMESH LALJI	CONDITION MONITORING OF GEARBOX USING ADVANCED SIGNAL PROCESSING TECHNIQUES	Dr. Vinod N. Patel
110	25-03-19	07	Mechanical Engineering	179999919034	PATEL HIRENKUMAR PITAMBARBHAI	DESIGN AND DEVELOPMENT OF HYDROSTATIC CONTINUOUS VARIABLE POWER TRANSMISSION DRIVE USING RADIAL PISTON PUMP AND MOTOR SET	DR. VIJAY DHARAMRAJ DHIMAN
111	25-03-19	07	Mechanical Engineering	179999919038	PATEL PRUTHVISHKUMAR KESHAVLAL	Investigation of Fracture Properties using Small Punch Test	DR. PATEL BHAVESHKUMAR KANUBHAI

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112	25-03-19	08	Mechanical Engineering	159997119032	SANJAY PRAHLADBHAI PATEL	PRACTICAL VERIFICATION OF NUMERICAL SOLUTIONS OF SOME BEARING PROBLEMS RELATED TO LUBRICATION AND BEARING PERFORMANCE	DR. PRAGNESH KANTILAL BRAHMBHATT
113	25-03-19	08	Mechanical Engineering	179999919027	MISTRY GHANSHYAMBHAI DASHRATHBHAI	EVALUATION AND DEVELOPMENT OF ANALYTICAL MODEL FOR ESTIMATION OF ROLL SEPARATING FORCE IN BAR ROLLING PROCESS	DR. KESARABHAI BHIKHABHAI JUDAL
114	25-03-19	09	Mechanical Engineering	159997119003	AYANESH YOGESHKUMAR JOSHI	EXPERIMENTAL INVESTIGATION AND MICRO STRUCTURE CHARACTERIZATION OF HARD TO CUT MATERIALS USING POWER MIXED ELECTRO DISCHARGE MACHINING (PMEDM)	DR. ANAND Y JOSHI
115	25-03-19	09	Mechanical Engineering	169999919015	PATIL MAHENDRA YASHAVANTRAO	DEVELOPMENT, PERFORMANCE ANALYSIS AND OPTIMISATION OF HYBRID BIO-DIELECTRIC FLUIDS FOR SUSTAINABLE ELECTRIC DISCHARGE MACHINING	Dr. Pragnesh Kantilal Brahmbhatt
116	25-03-19	09	Mechanical Engineering	179999919043	PRAJAPATI NIRAVKUMAR JAYANTIBHAI	MACHINING CHARACTERISTIC OF METAL MATRIX COMPOSITES (MMC) BY ELECTRIC DISCHARGE MACHINING (EDM)	DR. BHARATLAL CHAMPALAL KHATRI
117	26-03-19	01	Mechanical Engineering	169999919004	KANERIA ANCHITKUMAR JAMNADAS	DYNAMIC ANALYSIS OF COMPOSITE PROPELLER SHAFT	Dr. Vinod N Patel
118	26-03-19	01	Mechanical Engineering	169999919010	NIRMAL KUMAR KUSHWAHA	STUDY OF NON-LINEAR DYNAMIC BEHAVIOUR OF TWO DISC ROTOR SYSTEM CONTAINING A BREATHING CRACK	Dr. Vinod N. Patel
119	26-03-19	01	Mechanical Engineering	179999919023	KAUSHIKKUMAR VISHNUBHAI PATEL	DESIGN AND DYNAMIC BALANCING OF MULTI LOOP SPATIAL MECHANISM	DR. PINA M. BHATT
120	26-03-19	03	Mechanical Engineering	149997119018	PARESHKUMAR MANUBHAI ROJASRA	EVOLVING AND MODELING LEAN MANUFACTURING FRAMEWORK FOR INDIAN SMES	Dr.A V Gohil
121	26-03-19	03	Mechanical Engineering	149997119023	RAMDATTI JAYANTIGAR LAKHMANGAR	Experimental Investigations on electro discharge surface modification of die steel P20+Ni	DR. ASHISHKUMAR VITTHALDAS GOHIL

Sr. No.	Date	Hall	Discipline/ Branch	Enrollment No.	Name of the scholar	Research Title	Name of the Supervisor
122	26-03-19	03	Mechanical Engineering	159997119009	HIRENDRAKUMAR GAJENDRAKUMAR VYAS	SELECTION AND DEVELOPMENT OF CUTTING FLUID BASED ON SUSTAINABLE DESIGN FOR MANUFACTURING	DR. ASHISH V. GOHIL
123	26-03-19	05	Mechanical Engineering	169999919021	SONI SANKALP GAURANG	MODELLING AND CONTROL OF BIPED SYSTEM	Dr. Yashavant D Patel
124	26-03-19	05	Mechanical Engineering	179999919020	JIGNESHKUMAR RAMNIKLAL VALA	FLOW BEHAVIOR OF CASING TREATMENT ON THE PERFORMANCE OF LOW SPEED AXIAL FLOW FAN	DR. PATEL DINESHKUMAR KALIDAS
125	26-03-19	05	Mechanical Engineering	179999919047	RISHI SAXENA	INVESTIGATION ON PERFORMANCE IMPROVEMENT & LIFE ENHANCEMENT OF THE TURBINE BLADE	DR. P. V. RAMANA
126	26-03-19	07	Mechanical Engineering	149997119017	NITYAM PARIKSHITBHAI OZA	Experimental Investigation on Effects of Hydraulic Regeneration Braking System on Vehicle Performance	DR. PRAVINKUMAR PUNJALAL RATHO
127	26-03-19	07	Mechanical Engineering	149997119019	RAJENDRAKUMAR JAYSUKHLAL JANI	EXPERIMENTAL INVESTIGATION ON LIFE CYCLE ANALYSIS OF SINGLE CYLINDER SI ENGINE FUELED WITH HYDROXYGEN AS AN-ADDITIVE	DR.PRAVIN P. RATHOD
128	26-03-19	07	Mechanical Engineering	159997119012	JAYVIR HARISHBHAI SHAH	Optimizing gasoline engines for complying to future emission requirement	Dr. Vikas J Patel
129	27-03-19	01	Mechanical Engineering	149997119012	KETAN SURSINGBHAI VAGHOSI	OPTIMIZATION OF PROCESS PARAMETERS OF ULTRASONIC MACHINING OF POLYMER MATRIX COMPOSITES	DR. GHANSHYAM D. ACHARYA
130	27-03-19	01	Mechanical Engineering	169999919005	KAVAD BHUPATBHAI VELABHAI	ANALYSIS AND OPTIMIZATION OF EMISSIONS QUALITY FOR IMPROVED SUSTAINABLE MANUFACTURING PRACTICES FOR ELECTRICAL DISCHARGE MACHINING PROCESS	Dr Ghanshyam Devkinandan Acharya
131	27-03-19	01	Mechanical Engineering	169999919018	SANTOKI HARSHADKUMAR DEVJIBHAI	DESIGN OF SUSTAINABLE MANUFACTURING SYSTEM FRAMEWORK FOR IMPLEMENTATION OF MATERIAL FLOW COST ACCOUNTING IN CERAMIC TILES MANUFACTURING	Dr Ghanshyam Devkinandan Acharya
132	27-03-19	02	Mechanical Engineering	149997119015	NARENDRAKUMAR AMRUTLAL PATEL	Real time Optimization and automatic manipulation of machining parameters through adaptive control methods	DR. JEETENDRAKUMAR ARJUNBHAI VADHER

Sr. No.	Date	Hall	Discipline/ Branch	Enrollment No.	Name of the scholar	Research Title	Name of the Supervisor
133	27-03-19	02	Mechanical Engineering	149997119024	RITA KISHORKUMAR JANI	SUSTAINABILITY IN MANUFACTURING PROCESS IN STEEL RE-ROLLING MILLS	DR. JEETENDRA ARJUNB
134	27-03-19	02	Mechanical Engineering	159997119002	ANAND DAMODARBHAI KALANI	ANALYTICAL AND EXPERIMENTAL INVESTIGATION OF SPUR GEARS WITH CIRCULAR HOLE STRESS RELIEVING FEATURES.	Dr. Jeetendrakumar A Vadher
135	27-03-19	03	Mechanical Engineering	159997119010	HUSSAIN ABDULHUSHEN PIPWALA	THEORETICAL AND EXPERIMENTAL INVESTIGATIONS ON EFFECT OF VARIOUS NANOPARTICLES ON REFRIGERATION SYSTEM	DR. RAGESH G. KAPADIA
136	27-03-19	03	Mechanical Engineering	179999919001	AHIR SHIVANG NARANBHAI	EXPERIMENTAL INVESTIGATIONS OF CONDENSATION HEAT TRANSFER CHARACTERISTICS OF NANO REFRIGERANTS	DR. RAGESH G. KAPADIA
137	27-03-19	03	Mechanical Engineering	179999919057	SHUKLA HARDIKKUMAR ANILKUMAR	DESIGN, DEVELOPMENT AND PERFORMANCE ANALYSIS OF NH <sub>3</sub> -CO <sub>2</sub> CASCADE UNIT	DR. SHREYA MEHTA
138	27-03-19	04	Mechanical Engineering	129990919008	GOHEL JIGNESHKUMAR VINUBHAI	Tourism marketing and customer satisfaction with special reference to selected tourist places in Gujarat	Dr. Ragesh Kapadia
139	27-03-19	04	Mechanical Engineering	129990919011	NIRAV S. JOSHI	Research on influence of below the line promotion on doctor's prescription pattern, retailer's behaviour and consumer's purchasing behaviour	Dr. N. M. Bhatt
140	27-03-19	04	Mechanical Engineering	159997119016	Keyur Vitthalbhai Parmar	A Characterization of Functionally Graded Material for optimum Utilization in Industry	Dr. Hemantkumar R. Thakkar
141	27-03-19	05	Mechanical Engineering	139997119006	MAHIDA HIRENKUMAR RANJITSINH	THEORETICAL & EXPERIMENTAL INVESTIGATION OF A DEDICATED PRODUCER GAS ENGINE TECHNOLOGY	Dr. Rajesh C. Iyer
142	27-03-19	05	Mechanical Engineering	139997119012	PATEL VIJAYKUMAR KANTILAL	Experimental investigation on different patterns of Laser Surface Texturing (LST) on piston ring for friction power reduction in multi cylinder I.C. Engine.	Dr. Bharat M. Ramani

Sr. No.	Date	Hall	Discipline/ Branch	Enrollment No.	Name of the scholar	Research Title	Name of the Supervisor
143	27-03-19	06	Mechanical Engineering	159997119027	RAJENDRA KANTIBHAI PATEL	DEVELOPMENT AND PERFORMANCE ANALYSIS OF SIMULTANEOUS CRYOGENIC COOLING APPROACH FOR ELECTRO DISCHARGE MACHINING OF ALUMINIUM FLYASH(AL-SIC) BASED COMPOSITES	DR. PRAGNESH KANTILAL BRAHMBHATT
144	27-03-19	06	Mechanical Engineering	169999919023	YADAV CHETAN OMPRAKASH	INVESTIGATION OF THERMO-FLUID PHENOMENON IN POROUS MEDIA FOR MINIATURE PULSE TUBE CRYOCOOLER	Dr. P.V. Ramana
145	27-03-19	06	Mechanical Engineering	179999919042	PITHADIYA PARESHKUMAR GIRDHARLAL	PERFORMANCE ANALYSIS OF NANOREFRIGERANTS VCR SYSTEM WITH FLOODED EVAPORATOR	DR. MITESHKUMAR ISHVARLAL SHAH
146	27-03-19	07	Mechanical Engineering	159997119008	HEMINKUMAR VARDHILAL THAKKAR	INVESTIGATION ON PERFORMANCE ANALYSIS OF AIR HUMIDIFICATION AND DEHUMIDIFICATION HYBRID SOLAR DESALINATION SYSTEM WITH WATER FLASHING EVAPORATION	DR. P. V. RAMANA
147	27-03-19	07	Mechanical Engineering	179999919035	PATEL JAYKUMAR MANGUBHAI	INVESTIGATION ON HUMIDIFICATION AND DEHUMIDIFICATION SYSTEM WITH SOLAR STILL FOR ENHANCEMENT OF DISTILLATE OUTPUT	DR. NEERAJKUMAR KABIRDIN CHAVDA
148	27-03-19	07	Mechanical Engineering	179999919040	PATEL SHIRISHBHAI KANUBHAI	THEORETICAL AND EXPERIMENTAL PERFORMANCE ANALYSIS OF SQUARE PYRAMID SOLAR STILL	DR. KALPESHKUMAR VASANTBHAI MODI
149	27-03-19	08	Mechanical Engineering	149997119002	ARYA BHARATBHAI CHANGELA	TRAJECTORY PATH OPTIMIZATION AND INVESTIGATION OF CABLE DRIVEN PARALLEL ROBOT	DR. RAMDEVSINH L. JHALA
150	27-03-19	08	Mechanical Engineering	169999919006	MAKWANA MAHESHKUMAR AMBALAL	DESIGN AND DEVELOPMENT OF DELTA TYPE PARALLEL ROBOT HAVING DYNAMIC WORKSPACE	Dr. Haresh Patolia
151	27-03-19	08	Mechanical Engineering	179999919061	YAGNIK NIKUNJ SANJAYKUMR	DESIGN & DEVELOPMENT OF NOVEL RECONFIGURABLE ALL TERRAIN MOBILE ROBOT	DR. MEHULKUMAR M. GOR
152	27-03-19	09	Mechanical Engineering	159997119030	RUPAL PARESH VYASA	USING THE 5-AXES RESPONSE SURFACE MODEL FOR OPTIMAL CONTROL OF LATHE SPINDLE VIBRATION	DR. PRAGNESH KANTILAL BRAHMBHATT

Sr. No.	Date	Hall	Discipline/ Branch	Enrollment No.	Name of the scholar	Research Title	Name of the Supervisor
153	27-03-19	09	Mechanical Engineering	179999919008	DATANIYA JAYPRAKASH PRATAPBHAI	NONLINEAR VIBRATION NANALYSIS OF ROLLING CONTACT BEARING ROTOR SYSTEM	DR. UTKARSHKUMAR A PATEL
154	27-03-19	09	Mechanical Engineering	179999919056	SHETH ANANT JITENDRAKUMAR	VIBRATION DIAGNOSIS AND CONTROL	DR. UTKARSHKUMAR A PATEL
155	28-03-19	01	Mechanical Engineering	159997119014	Jignesh G.Paramar	Multi objective Optimization of end milling process parameter using AI techniques	Dr.K.G.Dave
156	28-03-19	01	Mechanical Engineering	159997119031	SHAH SAMIR BHARATBHAI	Experimental Investigation of Ultrasonic Consolidation Method and its Modeling	Dr.K.G.Dave
157	28-03-19	03	Mechanical Engineering	159997119033	SHYAM VARGHESE	SUSTAINABILITY WITH LEAN SIX SIGMA FOR QUALITY CONTROL IN AUTOMOBILE SECTOR IN GUJARAT	DR. P. M. GEORGE
158	28-03-19	03	Mechanical Engineering	169999919024	ZALA SANJAYKUMAR HARISHCHANDRASINH	IMPLEMENTING LEAN SIX SIGMA METHODOLOGY FOR AUTOMOBILE AND ALLIED INDUSTRIES TO ENHANCE QUALITY AND COST EFFECTIVENESS	Prof.(Dr.) Ashishkumar V. Gohil
159	28-03-19	03	Mechanical Engineering	179999919012	GANDHI JAIVESHKUMAR DINESHCHNDRA	MODELLING OF INTEGRATED LEAN, GREEN AND SIX SIGMA PRACTICES FOR SUSTAINABLE MANUFACTURING IN INDIAN MANUFACTURING INDUSTRIES	DR. SHASHANK J. THANKI
160	28-03-19	04	Mechanical Engineering	139997119007	MODI VINITKUMAR KIRITKUMAR	Improving Quality and Productivity in Small Scale Foundry by Six Sigma Methodology	Dr Darshak A.Desai
161	28-03-19	04	Mechanical Engineering	159997119022	MIHIR THAKORBHAI PATEL	PERFORMANCE ASSESSMENT OF SIX SIGMA IMPLEMENTATION IN SMALL SCALE CERAMIC INDUSTRY	Dr. Darshak Desai
162	28-03-19	04	Mechanical Engineering	159997119026	PRITESH RATILAL PATEL	DEVELOPMENT OF CONTINUOUS IMPROVEMENT FRAMEWORK FOR SMES IN MAKARPURA, VADODARA	Dr. Darshak Desai
163	28-03-19	05	Mechanical Engineering	159997119013	JIGISHKUMAR GOSWAMI	PREPARATION AND PERFORMANCE ANALYSIS OF MORINGA OLEIFERA OIL BASED BIODIESEL USING HETEROGENEOUS CATALYST THROUGH ULTRASONIFICATION PROCESS	DR. PRAVIN P. RATHOD

Sr. No.	Date	Hall	Discipline/ Branch	Enrollment No.	Name of the scholar	Research Title	Name of the Supervisor
164	28-03-19	05	Mechanical Engineering	159997119023	MITALKUMAR GULABBHAI PATEL	AMINIATURE LIQUID FUEL FILM COMBUSTOR	Dr Digvijay B Kulshreshtha
165	28-03-19	05	Mechanical Engineering	179999919022	KATARIYA HASMUKHBHAI GOBARBHAI	Comparative Study on Performance and Emission Characteristics of Petrol Engine Fuelled with Enriched Biogas	DR. HARESH P. PATOLIA
166	28-03-19	06	Mechanical Engineering	129990919002	CHARULA H. PATEL	Investigation of Performance characteristics of catalytic converter made from selective transient metals under different engine operating condition of four stroke petrol engine	Dr. Nilesh M. Bhatt
167	28-03-19	06	Mechanical Engineering	159997119011	JAYDEEP MANOJKUMAR BHATT	DEVELOPMENT OF BATTERY THERMAL MANAGEMENT SYSTEM FOR VALVE REGULATED LEAD ACID BATTERY (VRLA) BATTERY USING PHASE CHANGE MATERIAL (PCM)	DR. P. V. RAMANA
168	28-03-19	06	Mechanical Engineering	159997119034	UDAYKUMAR VITTHALRAO JOSHI	Parametric and System Level Design, Analysis and Performance Assessment of Coaxial Pulse Tube Refrigerator	DR. VIJAY D. DHIMAN
169	28-03-19	08	Mechanical Engineering	139997119010	PATEL MITTALBEN DHAVALKUMAR	Investigation of machinability for carbon fiber composite.	DR. P M GEORGE
170	28-03-19	08	Mechanical Engineering	169999919014	PARMAR PRADHUMAN LAXMANBHAI	EXPERIMENTAL INVESTIGATION ON DEFORMATION MACHINING	Dr. P.M. George
171	28-03-19	09	Mechanical Engineering	179999919006	DABHI SHYAM KANTILAL	EXPERIMENTAL AND NUMERICAL INVESTIGATION ON SOLAR THERMAL HYBRID GASIFICATION PROCESS IN DOWN DRAFT GASIFIER	DR. VIMAL RANCHHODLAL PATEL
172	28-03-19	09	Mechanical Engineering	179999919031	PARMAR DIPAKKUMAR JITENDRAKUMAR	MODELING, PARAMETRIC STUDY AND DESIGN OPTIMIZATION OF LIGNITE DOWNDRAFT GASIFIER	DR. PATEL VIMAL RANCHHODLAL
173	29-03-19	01	Electronics & Communication Engineering	129990911006	GEETALI SAHA	PREDICTION OF SEA SURFACE TEMPERATURE USING MACHINE LEARNING TECHNIQUES	Dr. Narendrasinh Chauhan
174	29-03-19	01	Electronics & Communication Engineering	149997111002	BHARGAV GUNVANTLAL SHAH	Study of edge turbulence in tokamak by gas puff imaging	DR. DANIEL RAJU [ SCIENTIST - SF]

Sr. No.	Date	Hall	Discipline/ Branch	Enrollment No.	Name of the scholar	Research Title	Name of the Supervisor
175	29-03-19	02	Mechanical Engineering	159997119029	RUHULAMIN ISHAKBHAI PATEL	RESEARCH INVESTIGATION AND FAILURE ANALYSIS OF ROTATING ELEMENT BEARING	DR. PRAGNESH KANTILAL BRAHMBHATT
176	29-03-19	02	Mechanical Engineering	179999919039	PATEL RITESHKUMAR MOHANBHAI	EXPERIMENTAL INVESTIGATION OF MECHANICAL AND FRACTURE PROPERTIES OF SINGLE AND DUAL MATERIAL 3D PRINTED PRODUCTS	DR. DESAI CHAITANYA KIRITKUMAR
177	29-03-19	02	Mechanical Engineering	179999919059	SUMITKUMAR YOGESHBHAI PATEL	APPLICATION OF COHESIVE ZONE MODEL TO MIXED MODE FAILURE IN THIN COPPER SHEETS	DR. DESAI CHAITANYA KIRITKUMAR
178	29-03-19	03	Electrical Engineering	149997109009	PRANAV DHIRENDRABHAI RAVAL	PROTECTION OF SERIES COMPENSATED TRANSMISSION LINES	DR. ASHIT SURESHCHANDRA PANDYA
179	29-03-19	03	Electrical Engineering	159997109001	Ashesh Mukeshbhai Shah	Advances In Digital Protection of Power Transformer	Dr. Rajesh M. Patel
180	29-03-19	04	Mechanical Engineering	159997119021	MEHUL GUNVANTRAI MEHTA	STRENGTH AND HARDNESS ANALYSIS OF METAL MATRIX COMPOSITE AND OPTIMIZATION OF MACHINING	Dr. Jeetendrakumar A Vadher
181	29-03-19	04	Mechanical Engineering	179999919050	SAURABH PRAVINCHANDRA SHAH	AN INVESTIGATION OF THE MACHINING CHARACTERISTICS FOR HARD TO CUT MATERIAL USING SINGLE AND MULTI LAYER COATED END MILLING INSERTS	DR. ANAND YAGNESHBHAI JOSHI
182	30-03-19	01	Mechanical Engineering	179999919014	HARDIK NARENDRABHAI JANI	COMPARATIVE LIFE CYCLE ANALYSIS OF SAND CASTING TOOLINGS USING SUBTRACTIVE & ADDITIVE MANUFACTURING PROCESSES	DR. JANAK BALUBHAI VALAKI
183	30-03-19	01	Mechanical Engineering	179999919048	SAHITYA SUMIT KISHANLAL	DESIGN, ANALYSIS AND OPTIMIZATION OF INVESTMENT CASTING WAX TREE STRUCTURE FOR IMPROVED PRODUCTIVITY USING COMPUTER AIDED FLOW SIMULATION TECHNIQUES	DR. JANAK BALUBHAI VALAKI
184	30-03-19	01	Mechanical Engineering	179999919060	VAGHELA JIGNESH RAMESHBHAI	SUSTAINABILITY ANALYSIS OF RAPID TOOLING'S FOR INVESTMENT CASTING PROCESS	DR. JANAK BALUBHAI VALAKI
185	30-03-19	02	Mechanical Engineering	159997119025	Pratik Tansukhray Kikani	Analysis of Weld Strength and Cracking susceptibility in Aluminum Alloys	Dr. Hemantkumar R. Thakkar
186	30-03-19	02	Mechanical Engineering	169999919016	PIPAVAT KAPILKUMAR BHAGVANDAS	FRICITION STIR WELDING OF ALUMINUM ALLOYS USING ADDITIONAL HEATING AND COOLING APPROACH	Dr. Anand Yagneshbhai Joshi

Sr. No.	Date	Hall	Discipline/ Branch	Enrollment No.	Name of the scholar	Research Title	Name of the Supervisor
187	30-03-19	02	Mechanical Engineering	179999919010	DOSHI SACHINDRA JAGDISHBHAI	EXPERIMENTAL INVESTIGATIONS ON METAL INERT GAS WELDING OF ALUMINIUM ALLOY THIN SHEET	DR. JANI DILIP BATUKRAY
188	30-03-19	02	Mechanical Engineering	179999919025	KEYUR PARSOTTAMBHAI HIRPARA	ANALYSIS OF DE-BONDING CHARACTERISTICS OF MULTI-LAYERED PLASMA TRANSFERRED ARC HARDFACING	DR. JANAK BALUBHAI VALAKI
189	30-03-19	02	Mechanical Engineering	179999919053	SHAH SAGARKUMAR INDRAVADAN	CHARACTERIZATION OF MECHANICAL PROPERTIES AND CORROSION RESISTANCE FOR CRACK SUSCEPTIBILITY IN STAINLESS STEEL WELDING	DR. HEMANTKUMAR RAMESHCHANDRA THAKKAR
190	30-03-19	03	Mechanical Engineering	179999919004	CHAUDHARI ASHOKKUMAR RAMJIBHAI	EXPERIMENTATION AND SIMULATION OF ELECTRO-CHEMICAL MAGNETIC ABRASIVE FINISHING	DR. KESARABHAI BHIKHABHAI JUDAL
191	30-03-19	03	Mechanical Engineering	179999919005	CHAUDHARY NANJIBHAI NILABHAI	EXPERIMENTAL INVESTIGATIONS ON FREE-FORM MAGNETIC ABRASIVE FINISHING OF BEARING RACES	DR. KESARABHAI BHIKHABHAI JUDAL
192	30-03-19	03	Mechanical Engineering	179999919030	PAMBHAR ANKITKUMAR CHHAGANLAL	MULTY OBJECTIVE FORMABILITY ANALYSIS OF INCREMENTAL FORMING PROCESS OF A COMPOSITE MATERIAL	DR. JANAK BALUBHAI VALAKI
193	30-03-19	03	Mechanical Engineering	179999919037	PATEL NIMESHKUMAR MAHENDRABHAI	INVESTIGATION AND OPTIMIZATION OF PROCESS PARAMETERS OF ROLL BENDING MACHINE IN REALIZING CONICAL SHELLS IN ALUMINIUM MATERIALS	DR. JITENDRAKUMAR A. VADHER
194	30-03-19	04	Mechanical Engineering	149997119003	ATULKUMAR ISWARNARAYAN PANDEY	Experimental investigation of combined effect of laser surface texturing and composite material coating on piston performance of C.I. Engine	DR. NIRVESH SUMANBHAI MEHTA
195	30-03-19	04	Mechanical Engineering	179999919011	GALPHADE AMIT BHALCHANDRA	DESIGN AND OPTIMIZATION OF MUFFLER OF FOUR STROKE 4 CYLINDER 1200 CC PETROL ENGINE	DR. PIYUSH SHANTISWAROOP JAIN
196	30-03-19	04	Mechanical Engineering	179999919021	KALOLA VIRALKUMAR NANJIBHAI	PERFORMANCE AND EMISSION ANALYSIS OF HYDROXY(HHO GAS), BIO-DIESEL AND DIESEL BLENDS	DR. JIGNESH PRAVINKUMAR THAKER
197	30-03-19	04	Mechanical Engineering	179999919052	SHAH JINESH BIPINBHAI	DEVELOPMENT AND PERFORMANCE ANALYSIS OF STABILIZED OIL BLENDS EXTRACTED FROM NON-EDIBLE AGRO RESIDUES AS SUSTAINABLE FUEL FOR IC ENGINES	DR. JANAK BALUBHAI VALAKI
198	30-03-19	05	Mechanical Engineering	149997119022	VISHAL JAYSUKHLAL PANDYA	CHARACTERIZATION AND OPTIMIZATION OF MECHANICAL PERFORMANCE OF NATURAL FIBER COMPOSITE FOR AUTOMOBILE APPLICATION	PROF. (DR.) PRAVIN P. RATHOD

Sr. No.	Date	Hall	Discipline/ Branch	Enrollment No.	Name of the scholar	Research Title	Name of the Supervisor
199	30-03-19	05	Mechanical Engineering	159997119024	NILDEEPSINH NIRUBHA CHUDASAMA	DEVELOPMENT OF HYBRID COMPOSITE FIBRE FOR AUTOMOTIVE APPLICATION	DR. KALPESH D MANIYA
200	30-03-19	05	Mechanical Engineering	179999919044	RADADIYA VIJAYKUMAR ARVINDBHAI	DEVELOPMENT OF MULTI FIBER REINFORCED ABS COMPOSITE USING ADDITIVE MANUFACTURING	DR. ANISHKUMAR HASMUKHLAL GANDHI
201	30-03-19	05	Mechanical Engineering	179999919049	SAURABH ANILKUMAR BAN	OPTIMIZING AND CHARACTERIZING THE FDM PROCESS FOR DIFFERENT FDM MATERIALS	DR. DIVYANGKUMAR PATEL
202	30-03-19	06	Mechanical Engineering	149997119001	ALPESHKUMAR BIPINBHAI PATEL	INVESTIGATION ON EVACUATED GLASS TUBE SOLAR COLLECTOR AS A HIGH PRESSURE HIGH TEMPERATURE SOLAR WATER HEATER	DR. NIVESH SUMANBHAI MEHTA
203	30-03-19	06	Mechanical Engineering	159997119007	HARDIK MAHENDRABHAI PATEL	PERFORMANCE EVALUATION OF SOLAR DRIVEN REFRIGERATION SYSTEM	DR. RAGESH G. KAPADIA
204	30-03-19	06	Mechanical Engineering	169999919003	GUNJAN KUMAR	SHAPE ADOPTIVE SOLAR COLLECTOR: PERFORMANCE ANALYSIS AND EXPERIMENTAL INVESTIGATION	Dr. Sonal Desai
205	30-03-19	06	Mechanical Engineering	169999919013	PANSAL KAMLESHKUMAR KANTILAL	THEORETICAL AND EXPERIMENTAL INVESTIGATION ON ARTIFICIALLY ROUGHNED SOLAR AIR HEATER	Dr. Bharatkumar M. Ramani

**Note :**

- 1) No requests for change of timing, schedule etc. will be entertained.
- 2) The candidates will have to strictly adhere to the above schedule.
- 3) All candidates must report at 10:15 am sharp at GTU, Chandkheda Campus, Ahmedabad
- 4) In case of discrepancies in above displayed data, kindly email at phd@gtu.edu.in immediately with Subject Line : Regarding Research Week 2019.
- 5) **The scholars whose name has not been mentioned above will be included in the schedule for Research Week of month-April, 2019 & will be uploaded on the website soon.**

sd/-  
I/c Registrar