



**GUJARAT
TECHNOLOGICAL
UNIVERSITY**
AN INTERNATIONAL INNOVATIVE UNIVERSITY
(Accredited with A+ Grade by NAAC)
State Government University

Bulletin - Research & Academic Publications

SEPTEMBER-OCTOBER, 2024

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SUMMARY (Sept-Oct, 2024)

Sr. No.

Title

No.

01

Research Papers

SCOPUS	11
WoS	3
UGC- Care	0
Others	6

02

Patents

Utility	0
Design	3

03

Books

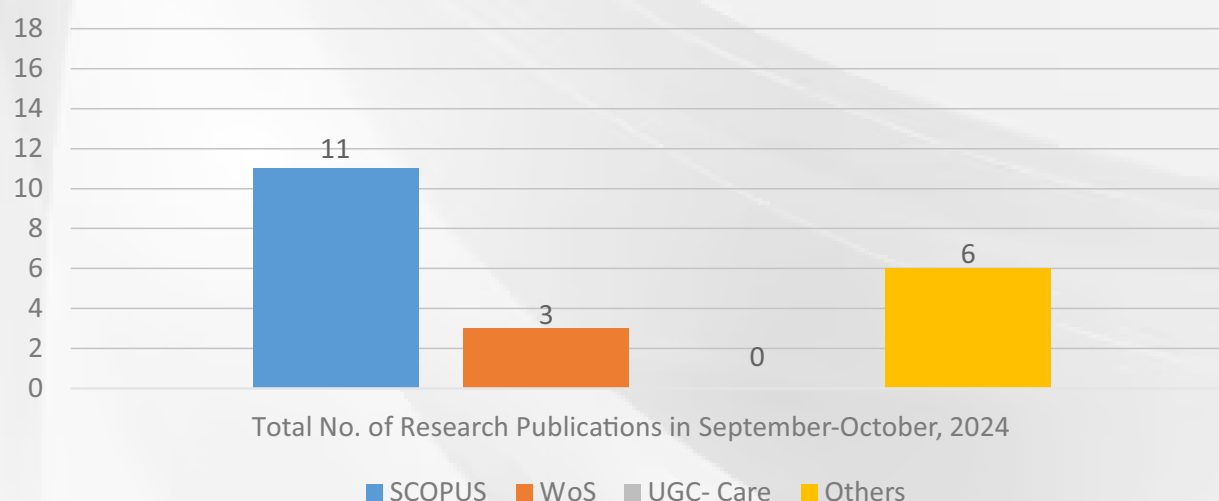
3

04

Awarded Ph.D. Thesis Abstract

21

Total No. of Research Publications in September-October 2024



MESSAGE FROM HON'BLE VICE CHANCELLOR



Dear Faculty Members and Researchers,

I am delighted to share with you the release of our fifth bulletin, which marks your commitment towards academic and research excellence, and dedication for the pursuit of knowledge.

At GTU, we are fortunate to have a vibrant research ecosystem comprising of dedicated faculty members and researchers who are committed to pushing the boundaries of knowledge and innovation. Through your collective efforts, we will witness impactful interventions and meaningful contributions in various spheres of national and global importance.

We are sure that your scientific breakthroughs will nurture and promote sustainable development that will drive positive changes and create a better society. The knowledge generated through these endeavors brings us one step closer in realizing our vision of a more equitable, inclusive and sustainable world.

By spreading these research endeavors through this bulletin; we can reach a wider audience, and likely industry partners.

Congratulations to all those whose work is included in this bulletin. Let us continue to work together and achieve new heights through research excellence.

Best Wishes,

Dr. Rajul K. Gajjar
Vice Chancellor,
GTU, Ahmedabad



MESSAGE FROM REGISTRAR



Dear Faculty and Researchers,

Namaskar!!

I am pleased of your remarkable strides that you have made through your accomplishments. Your dedication to scholarly excellence and commitment towards publishing in reputable journals are instrumental in augmenting the University's pursuit towards excellence.

Through this bulletin we appreciate your hard work and acknowledge your ongoing research efforts. Research contributes profoundly in bringing excellence; and your dedication towards publishing in high impact journals contributes and elevates our standing.

I would like to extend my heartfelt congratulations to everyone those who has contributed in advancing knowledge and promoting this initiative. Once again, I urge the members of our academic fraternity to contribute significantly and strengthen our research ecosystem.

Let us remain persistent to excel and work collaboratively to enhance the quality of life through our research efforts.

Best Wishes,



Dr. K. N. Kher
Registrar, GTU, Ahmedabad

MESSAGE FROM DIRECTOR, RDC



With the release of this fifth successive issue of R & D Academic and Research Publications bulletin; I would like to extend my gratitude and thankfulness to all the supervisors and research scholars those who have successfully contributed in providing the essential data for compilation.

This data will help us in paving the way forward to plan and explore opportunities within the state as well at national and international level. This data will help in planning future research related activities for collaboration with R & D organizations.

The data published in the bulletins will help supervisors in identifying potential collaborators for networking. This bulletin will motivate students and fellow faculty members to continue publishing in good journals.

I take this opportunity to thank all the contributors of this bulletin. It is a kind request to all to circulate this bulletin within your network for wider outreach. We are sure to keep the trend of releasing the bulletin every two months with the support of all of you.

Congratulations to the R & D team for their efforts in releasing the bulletin.



Dr. R. A. Thakker
Director – R & D Cell
GTU – Ahmedabad

RESEARCH PAPERS

Research Papers (Engineering-Supervisors)

01

Name of Institute	Sitarambhai Naranji Patel Institute of Technology and Research Centre, Umrakh (049)
Title of Article	A Comprehensive Review on Techniques for Isolating Phytochemicals from Plant Sources
Name of Authors	Jignesh A. Parmar , Miral R. Thakker
Name of Corresponding Author	Dr. Miral R. Thakker
Name of the Journal	Kronika Journal
Indexed	SCOPUS
ISSN No.	0023-4923
URL	https://zenodo.org/records/13946012
Date of Publication	17-10-2024
SDG	Industry, Innovation and Infrastructure

02

Name of Institute	Shri K. J. Polytechnic, Bharuch (645)
Title of Article	Many-Objective Multi-Verse Optimizer (MaOMVO): A Novel Algorithm for Solving Complex Many-Objective Engineering Problems
Name of Authors	Kanak Kalita, Pradeep Jangir, Sundaram B. Pandya, G. Shanmugasundar, Jasgurpreet Singh Chohan & Laith Abualigah
Name of Corresponding Author	Kanak Kalita
Name of the Journal	Journal of The Institution of Engineers (India): Series C
Indexed	SCOPUS
ISSN No.	2250-0545
URL	https://link.springer.com/article/10.1007/s40032-024-01104-5
Date of Publication	21-10-2024
SDG	Industry, Innovation and Infrastructure

Name of Institute	GTU-School of Engineering & Technology (137)
Title of Article	A Survey on Mobile Digital Forensic: Taxonomy, Tools and Challenges
Name of Authors	Bhavini Patel, Palvinder Singh Mann
Name of Corresponding Author	Palvinder Singh Mann
Name of the Journal	Security and Privacy, Wiley
Indexed	WoS
ISSN No.	2475-6725
URL	https://onlinelibrary.wiley.com/doi/10.1002/spy2.470
Date of Publication	07-10-2024
SDG	Industry, Innovation and Infrastructure

Research Papers (Pharmacy-Supervisors)

01

Name of Institute	Dr. Dayaram Patel Pharmacy College Bardoli (406)
Title of Article	Value added Lignocellulose from Waste Biomass as a Potential Source in Fabrication of Lignin -based Composite for Multifaceted Applications
Name of Authors	Devesh U. Kapoor, Mansi Gaur, Akash Kumar, Sudarshan Singh, Vijay R. Chidrawar, Bhupendra G. Prajapati
Name of Corresponding Author	Bhupendra G. Prajapati
Name of the Journal	Regenerative Engineering and Translational Medicine
Indexed	SCOPUS
ISSN No.	2364-4133
URL	https://link.springer.com/article/10.1007/s40883-024-00357-x
Date of Publication	20-09-2024
SDG	Industry, Innovation and Infrastructure

02

Name of Institute	Dr. Dayaram Patel Pharmacy College Bardoli (406)
Title of Article	Exploring the functionality of fluorescent liposomes in cancer: diagnosis and therapy
Name of Authors	Bhupendra G. Prajapati, Jai Bharti Sharma, Ashutosh Pareek, Rahul Garg, Pushpendra Kumar Saini and Devesh U. Kapoor
Name of Corresponding Author	Devesh U. Kapoor
Name of the Journal	Zeitschrift fur Naturforschung- Section B Journal of Chemical Sciences
Indexed	SCOPUS
ISSN No.	1865-7117
URL	https://www.degruyter.com/document/doi/10.1515/znc-2024-0144/html
Date of Publication	24-09-2024
SDG	Industry , Innovation and Infrastructure

03

Name of Institute	Dr. Dayaram Patel Pharmacy College Bardoli (406)
Title of Article	Nanomedicine breakthrough: Cyclodextrin-based nano sponges revolutionizing cancer treatment
Name of Authors	Devesh U. Kapoor, Rahul Garg, Pushpendra Kumar Saini, Mansi Gaur, Bhupendra G. Prajapati
Name of Corresponding Author	Bhupendra G. Prajapati
Name of the Journal	Nano-Structures & Nano-Objects
Indexed	SCOPUS
ISSN No.	2352-507X
URL	https://www.sciencedirect.com/science/article/abs/pii/S2352507X24002701
Date of Publication	28-09-2024
SDG	Industry, Innovation and Infrastructure

04

Name of Institute	Smt. R. D. Gardi B. Pharmacy College, Nyara, Rajkot (263)
Title of Article	Drug Discovery and Development Process in India, Us, Europe and Japan
Name of Authors	P. A. Khanpara, A. R. Sorthiya, J. A. Sabhaya, T. M. Tilva and S. D. Faldu
Name of Corresponding Author	P. A. Khanpara
Name of the Journal	International Journal of Pharmaceutical Sciences and Research
Indexed	Others
ISSN No.	2320-5148
URL	https://ijpsr.com/bft-article/drug-discovery-and-development-process-in-india-us-europe-and-japan/
Date of Publication	01-09-2024
SDG	Quality Education

Name of Institute	Smt. R. D. Gardi B. Pharmacy College, Nyara, Rajkot (263)
Title of Article	A Review on Scope of Artificial Intelligence in Pharma
Name of Authors	T. M. Tilva, A. R. Sorthiya, M. A. Vaghasiya, P. A. Khanpara and S. D. Faldu
Name of Corresponding Author	T. M. Tilva
Name of the Journal	International Journal of Pharmaceutical Science and Research
Indexed	Others
ISSN No.	2320-5148
URL	https://ijpsr.com/bft-article/a-review-on-scope-of-artificial-intelligence-in-pharma/#:~:text=Artificial%20Intelligence%20(AI)%20focuses%20on,pharmacology%2C%20hospital%20pharmacy%2C%20etc.
Date of Publication	01-09-2024
SDG	Quality Education

Research Papers (Engineering-Scholars)

01

Enrollment No	239999915002
Title of Article	Multilayered MXene-Si-Metal based grating structure based nearly perfect absorber for the visible and infrared spectrum
Name of Authors	Vibhuti Dave, Vishal Sorathiya, Ahmad Alghamdi, Osama S. Faragallah
Name of Corresponding Author	Vibhuti Dave
Name of the Journal	SCOPUS
Indexed	SCOPUS
ISSN No.	1432-0630
URL	https://scholar.google.com/scholar?oi=bibs&cluster=16630468490785328590&btnI=1&hl=en
Date of Publication	09-09-2024
SDG	Industry, Innovation and Infrastructure

02

Enrollment No	211379913001
Title of Article	Inconsistency Mitigation in Cloud Firewall Via Altered Rule Tree Methodology
Name of Authors	Dhwani Hakani, Palvinder Singh Mann
Name of Corresponding Author	Palvinder Singh Mann
Name of the Journal	Journal of Electrical Systems (JES)
Indexed	SCOPUS
ISSN No.	1112-5209
URL	https://journal.esrgroups.org/jes/article/view/6187/4683
Date of Publication	10-09-2024
SDG	Quality Education

03

Enrollment No	199999913525
Title of Article	Optimizing Virtual Machine Placement to Lower Energy Usage in Green Cloud Computing
Name of Authors	Divyesh Hasmukhbhai Joshi
Name of Corresponding Author	Dr. Jaykumar Shantilal Patel
Name of the Journal	Journal of Electrical Systems
Indexed	SCOPUS
ISSN No.	1112-5209
URL	https://journal.esrgroups.org/jes/article/view/6231/4375
Date of Publication	14-09-2024
SDG	Affordable and Clean Energy

04

Enrollment No	199999913511
Title of Article	Multi-label remote sensing scene classification using two-level double channel spatial attention residual blocks
Name of Authors	Sagar Chavda, Mahesh Goyani
Name of Corresponding Author	Sagar Chavda
Name of the Journal	Journal of Applied Remote Sensing
Indexed	SCOPUS
ISSN No.	1931-3195
URL	https://www.spiedigitallibrary.org/journals/journal-of-applied-remote-sensing/volume-18/issue-3/036511/Multi-label-remote-sensing-scene-classification-using-two-level-double/10.1117/1.JRS.18.036511.short
Date of Publication	27-09-2024
SDG	Industry, Innovation and Infrastructure

05

Enrollment No	189999919059
Title of Article	Experimental characterization and thin-layer convective drying modeling of Jamun (Indian Blackberry) slices
Name of Authors	Simit Prajapati, Mitesh Shah, Shivamurti Srivastava
Name of Corresponding Author	Mitesh Shah
Name of the Journal	Sadhana - Academy Proceedings in Engineering Sciences
Indexed	SCOPUS
ISSN No.	0973-7677
URL	https://link.springer.com/article/10.1007/s12046-024-02618-5
Date of Publication	05-10-2024
SDG	Industry, Innovation and Infrastructure

06

Enrollment No	199999915502
Title of Article	Robust Multi-Band DNG metamaterial absorber for GPS (L1),ISM, and 5G application with Enhanced polarization and angle stability
Name of Authors	Mayank A. Ardesana, Falgunkumar N. Thakkar, Sunayana G. Domadia
Name of Corresponding Author	Mayank A. Ardesana
Name of the Journal	Journal of Magnetism and Magnetic Materials
Indexed	WoS
ISSN No.	1873-4766
URL	https://www.sciencedirect.com/science/article/abs/pii/S030488532400845X?via%3Dihub
Date of Publication	26-09-2024
SDG	Industry, Innovation and Infrastructure

07

Enrollment No	199999914513
Title of Article	Investigating the performance of water-mounted solar photo-voltaic systems using different simulation tools
Name of Authors	Amandeep Singh Makhija, Shabbir S. Bohra, Vivek Tiwari
Name of Corresponding Author	Shabbir S. Bohra
Name of the Journal	Energy Conversion and Management
Indexed	WoS
ISSN No.	1879-2227
URL	https://doi.org/10.1016/j.enconman.2024.119116
Date of Publication	05-10-2024
SDG	Affordable and Clean Energy

Research Papers (Management-Scholars)

01

Enrollment No	229999903010
Title of Article	Digital Business Models for Sustainability
Name of Authors	Ms. Dipal Gohil
Name of Corresponding Author	Dr. Vijay Pithadia
Name of the Journal	The Academic International Journal of Multidisciplinary Research
Indexed	Others
ISSN No.	2583-973X
URL	https://theacademic.in/wp-content/uploads/2024/10/36.pdf
Date of Publication	08-09-2024
SDG	Decent Work and Economic Growth

Research Papers (Pharmacy-Scholars)

01

Enrollment No	209999901016
Title of Article	Study of Selected Non-Deliberately Supplementary Substances in Pharmaceutical Formulations by Using Hptlc
Name of Authors	Stuti Pandya, Nasir Vadia, Navin Sheth
Name of Corresponding Author	Navin Sheth
Name of the Journal	African Journal of Biological Science
Indexed	Others
ISSN No.	2663-2187
URL	https://www.afjbs.com/issue-content/study-of-selected-non-deliberately-supplementary-substances-in-pharmaceutical-formulations-by-using-hptlc-7149
Date of Publication	05-09-2024
SDG	Good Health and Well-being

02

Enrollment No	209999901016
Title of Article	Categorization, Computation and Examination of Extractables and Leachables From Pharmaceuticals and Food Packaging Materials
Name of Authors	Stuti Pandya, Nasir Vadia, Navin Sheth
Name of Corresponding Author	Navin Sheth
Name of the Journal	African Journal of Biological Sciences
Indexed	Others
ISSN No.	2663-2187
URL	https://www.afjbs.com/issue-content/categorization-computation-and-examination-of-extractables-and-leachables-from-pharmaceuticals-and-food-packaging-materials-7147
Date of Publication	06-09-2024
SDG	Good Health and Well-being

Research Papers (Architecture-SScholars)

01

Enrollment No	229999908001
Title of Article	Architecture as a Trigger for Socio-Economic Development
Name of Authors	Meghna Tushar Sutaria, Rajesh Mehta
Name of Corresponding Author	Meghna Tushar Sutaria
Name of the Journal	International Journal For Multidisciplinary Research
Indexed	Others
ISSN No.	2582-2160
URL	https://www.researchgate.net/publication/384072940_International_Journal_For_Multidisciplinary_Research_Architecture_as_a_Trigger_for_Socio-Economic_Development
Date of Publication	30-08-2024
SDG	Good Health and Well-being

Research Papers (Science-Scholars)

01

Enrollment No	209999905001
Title of Article	Synthesis and antibacterial evaluation of (5Z)-5-[(2-piperidinequinoline-3-yl) methyl]-2-chloroquinoline derivatives: Docking study on substituted N-alkylation and binding mechanisms with E. Coli PDF enzyme
Name of Authors	K.V. Juddhawala, Nikhil M. Parekh, Abdullah Alswieleh, Karuppiiah Nagaraj
Name of Corresponding Author	Nikhil M. Parekh, Abdullah Alswieleh, Karuppiiah Nagaraj
Name of the Journal	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy
Indexed	SCOPUS
ISSN No.	1386-1425
URL	https://www.sciencedirect.com/science/article/abs/pii/S1386142524012800
Date of Publication	10-09-2024
SDG	No Poverty

PATENTS

Patents (Engineering-Scholars)

01

Enrollment No.	2199999919025
Types of Patent	Design
Title of Patent	Integrated Solar Photovoltaic Thermal Collector
Name of Inventors	Dr. Hitesh Bhargav, Prof. Chintan Mazmudar, Dr. Ketul Brahmabhatt, Prof. Prakash Tadv, Prof. Jayeshbhai Rasiklal Koisa
Name of Applicant	Dr. Hitesh Bhargav
Patent No.	425956-001
Status of Patent	Granted
Country of Filing	India
Date of Publication	04-10-2024
SDG	Affordable and Clean Energy

02

Enrollment No.	2099999919047
Types of Patent	Design
Title of Patent	Energy-Efficient Hydraulic System for Heavy Machinery
Name of Inventors	Chetan Tikhile, Rohit Sarode, Mandar Sumant, Dr. Nirmal Kumar Kushwaha, Mehul Shah, Mujeebulla Khan Guttal, Pritesh Ratilal Patel, Pratikkumar Rameshbhai Patel, Kuchampudi Sandeep Varma, Nilesh Patel
Name of Applicant	Chetan Tikhile, Rohit Sarode, Mandar Sumant, Dr. Nirmal Kumar Kushwaha, Mehul Shah, Mujeebulla Khan Guttal, Pritesh Ratilal Patel, Pratikkumar Rameshbhai Patel, Kuchampudi Sandeep Varma, Nilesh Patel
Patent No.	6391360
Status of Patent	Granted
Country of Filing	UK
Date of Publication	26-09-2024
SDG	Industry, Innovation and Infrastructure

Patents (Biotechnology-Scholars)

01

Enrollment No.	221459910003
Types of Patent	Design
Title of Patent	Two-step integrated RAS aquaponics system
Name of Inventors	Nathani Neelam M, Mootapally Chandrashekar, Prajapati Parthkumar L, Shrivastava Vivek, Nidhi Rathod, Asif Bhadarka, Jaya Vala, Sanjay Chauhan
Name of Applicant	Prajapati Parthkumar L.
Patent No.	415966-001
Status of Patent	Granted
Country of Filing	India
Date of Publication	06.09.2024
SDG	No Poverty, Zero Hunger, Good Health and Well-being, Quality Education, Affordable and Clean Energy, Responsible Consumption and Production

BOOKS

Books (Engineering & Pharmacy)

01

Name of Institute	Government Engineering College Palanpur (061)
Title of Book/Chapter	Mathematical aspects of physical properties of nanostructures
Name of Authors	Madan Singh, S. Lara, N.J. Matjelo, M. Kao, Jayant K. Jogi and S.K. Singhal
ISBN No.	9780443138195
URL	https://doi.org/10.1016/B978-0-443-13819-5.00002-1
Date of Publication	20-09-2024
SDG	Industry, Innovation and Infrastructure

02

Name of Institute	Government Engineering College Palanpur-061
Title of Book/Chapter	Effect of laser irradiation on the ferrite nanostructures
Name of Authors	Jayant K. Jogi, S.K. Singhal, Kirti M. Korot, Ravindra Jangir, Ashish R. Tanna, Amarjeet Singh, P.S. Solanki, Madan Singh
ISBN No.	978-0-44313-819-5
URL	https://www.sciencedirect.com/science/article/abs/pii/B9780443138195000094?via%3Dihub
Date of Publication	20-09-2024
SDG	Industry, Innovation and Infrastructure

03

Name of Institute	APMC College of Pharmaceutical Education & Research (207)
Title of Book/Chapter	Bioinformatics in Green and Sustainable Technologies
Name of Authors	Sapna Rathod, Nisarg Patel and Bhupendra Prajapati
ISBN No.	978-1-83769-289-7
URL	https://www.intechopen.com/chapters/87540
Date of Publication	23-10-2024
SDG	Sustainable Cities and Communities, Climate Action, Peace, Justice and Strong Institutions

AWARDED PHD THESIS ABSTRACTS

Ph.D. Thesis Abstract (Engineering)

01

Name	Bhensjaliya Amiben Hasmukhbhai
Enrollment No	199999913507
Title of Thesis	Classic Algorithm for Organic Cereals
Faculty/Discipline	Computer/IT Engineering
Abstract	https://s3-ap-southeast-1.amazonaws.com/gtusitecirculars/uploads/Abstract_693561.pdf

02

Name	Prajapati Bhaveshkumar Babubhai
Enrollment No	169999913013
Title of Thesis	Realization of Quantum Relative Entropy for Evolution of Two Quantum Systems
Faculty/Discipline	Computer/IT Engineering
Abstract	https://s3-ap-southeast-1.amazonaws.com/gtusitecirculars/uploads/Abstract%20(1)_665045.pdf

03

Name	Mistry Ghanshyambhai Dashrathbhai
Enrollment No	179999919027
Title of Thesis	Analytical Approximation of Roll Separating Force in Bar Rolling
Faculty/Discipline	Mechanical Engineering
Abstract	https://s3-ap-southeast-1.amazonaws.com/gtusitecirculars/uploads/Abstract_706438.pdf

04

Name	Soni Nimesh Kanaiyalal
Enrollment No	179999919029
Title of Thesis	Investigation and Design Automation for Engineering to Order Process in Pressure Vessel Industries with Help of Internet of Things
Faculty/Discipline	Mechanical Engineering
Abstract	https://s3-ap-southeast-1.amazonaws.com/gtusitecirculars/uploads/Abstract%20(1)_964744.pdf

05

Name	Boka Pradeepkumar Narsinhbhai
Enrollment No	199999919506
Title of Thesis	Investigation and Performance Analysis of a Solar Desalination System with Applications of Coating
Faculty/Discipline	Mechanical Engineering
Abstract	https://s3-ap-southeast-1.amazonaws.com/gtusitecirculars/uploads/Abstract%20(3)_812879.pdf

06

Name	Gandhi Jaiveshkumar Dineshchandra
Enrollment No	179999919012
Title of Thesis	Modelling Enablers and Barriers of Integrated Lean, Green and Six sigma strategies for sustainability in the Indian Manufacturing Industry
Faculty/Discipline	Mechanical Engineering
Abstract	https://s3-ap-southeast-1.amazonaws.com/gtusitecirculars/uploads/Abstract%20(4)_603971.pdf

07

Name	Patel Miteshkumar Govindbhai
Enrollment No	189999919048
Title of Thesis	Optimization of WEDM Process Parameters for Machining of Nimonic-90 Superalloy
Faculty/Discipline	Mechanical Engineering
Abstract	https://s3-ap-southeast-1.amazonaws.com/gtusitecirculars/uploads/Abstract%20(5)_549952.pdf

08

Name	Prajapati Niravkumar Jayantibhai
Enrollment No	179999919043
Title of Thesis	Experimental Investigation on Ultrasonic Assisted Powder Mixed Wire Cut Electric Discharge Machining For Aluminium Carbon Fiber Metal Matrix Composite
Faculty/Discipline	Mechanical Engineering
Abstract	https://s3-ap-southeast-1.amazonaws.com/gtusitecirculars/uploads/Abstract%20(3)_841246.pdf

09

Name	Khyati Kishorchandra Modi
Enrollment No	179999916002
Title of Thesis	Studies on the Treatment of Wastewater using Combined Advance Oxidation Processes and Modified Rotating Biological Contactor process.
Faculty/Discipline	Environmental Engineering
Abstract	https://s3-ap-southeast-1.amazonaws.com/gtusitecirculars/uploads/Abstract_491572.pdf

10

Name	Khyati Dipsinh Chavda
Enrollment No	189999915015
Title of Thesis	Design and Development of Reconfigurable Metamaterial Based Band Stop Filter for Wireless Applications.
Faculty/Discipline	Electronics & Communication Engineering
Abstract	https://s3-ap-southeast-1.amazonaws.com/gtusitecirculars/uploads/Abstract%20(2)_113128.pdf

11

Name	Sheikh Mohmadishak Abdulsalam
Enrollment No	189999914017
Title of Thesis	Robust State Estimation for Power System Based on PMU and SCADA Measurement
Faculty/Discipline	Electrical Engineering
Abstract	https://s3-ap-southeast-1.amazonaws.com/gtusitecirculars/uploads/Abstract%20(1)_395894.pdf

12

Name	Nakum Abhay Virabhai
Enrollment No	139997106005
Title of Thesis	Characterization of Self Compacted Geopolymer Concrete Containing Fibers
Faculty/Discipline	Mechanical Engineering
Abstract	https://s3-ap-southeast-1.amazonaws.com/gtusitecirculars/uploads/Abstract%20(16)_811154.pdf

13

Name	Poonam Inderkumar Modi
Enrollment No	179999912011
Title of Thesis	Experimental Investigation of Baffled Solar Dryer with Paraffin Wax as an Energy Storage Material
Faculty/Discipline	Mechanical Engineering
Abstract	https://s3-ap-southeast-1.amazonaws.com/gtusitecirculars/uploads/Abstract%20(8)_123592.pdf

14

Name	Bharat Virjibhai Thacker
Enrollment No	159997106003
Title of Thesis	Remediation of Acid mine drainage using low cost adsorbents
Faculty/Discipline	Civil Engineering
Abstract	https://s3-ap-southeast-1.amazonaws.com/gtusitecirculars/uploads/Abstract%20(4)_520353.pdf

Ph.D. Thesis Abstract (Pharmacy)

01

Name	Vashi Dhara Narendrabhai
Enrollment No	189999901020
Title of Thesis	Study on Degradation Behavior and Impurity Profiling of Bulk Drugs and their Formulation of Some Selected Anti-Diabetic Drugs
Faculty/Discipline	Pharmacy
Abstract	https://s3-ap-southeast-1.amazonaws.com/gtusitecirculars/uploads/Abstract_190743.pdf

02

Name	Jain Payalkumari Sureshkumar
Enrollment No	189999901004
Title of Thesis	Synthesis of New Thiazole Derivatives as Potential Anticancer Agents
Faculty/Discipline	Pharmacy
Abstract	https://s3-ap-southeast-1.amazonaws.com/gtusitecirculars/uploads/Abstract%20(1)_523627.pdf

03

Name	Shah Priyal Kalpeshkumar
Enrollment No	199999901528
Title of Thesis	Solid State Modification by Co-crystallization
Faculty/Discipline	Pharmacy
Abstract	https://s3-ap-southeast-1.amazonaws.com/gtusitecirculars/uploads/Abstract%20(5)_622656.pdf

Ph.D. Thesis Abstract (Management)

01

Name	Vidani Jignesh Naresh
Enrollment No	189999903015
Title of Thesis	A Study on the Impact of Influencer Marketing On Online Purchase Intention of Consumers towards Branded Apparels in Gujarat
Faculty/Discipline	Management
Abstract	https://s3-ap-southeast-1.amazonaws.com/gtusitecirculares/uploads/Abstract_603196.pdf

02

Name	Neha Pandey
Enrollment No	189999903023
Title of Thesis	A study on the relationship between personality, work life balance and its impact on employee performance
Faculty/Discipline	Management
Abstract	https://s3-ap-southeast-1.amazonaws.com/gtusitecirculares/uploads/Abstract_425115.pdf

03

Name	Krishna Kumar Nirala
Enrollment No	179999903010
Title of Thesis	Application of Artificial Intelligence in Governance for Administrative Issues and its Management
Faculty/Discipline	Management
Abstract	https://s3-ap-southeast-1.amazonaws.com/gtusitecirculares/uploads/Abstract%20(1)_118759.pdf

04

Name	Jay G. Raval
Enrollment No	199999903508
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"We need a spirit of victory, a spirit that will carry us to our rightful place under the sun, a spirit which can recognize that we, as inheritors of a proud civilization, are entitled to our rightful place on this planet. If that indomitable spirit were to arise, nothing can hold us from achieving our rightful destiny."

C. V. Raman"



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(Accredited with A+ Grade by NAAC)
State Government University

Gujarat Technological University

Nr. Vishwakarma Government Engineering College,
Nr. Visat Three Roads, Visat – Gandhinagar Highway,
Chandkheda, Ahmedabad - 382424 - Gujarat

Phone: + 079-23267521 / 526

E mail: rdcell@gtu.edu.in

registrar@gtu.ac.in

www.gtu.ac.in



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