3.3.1	Institution has created an ecosystem for innovations, Indian Knowledge System (IKS) including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of technology/knowledge and the outcomes of the same are evident

AY – 2023-2024

Registrar
Atmiya University
Rajkot

Atmiya University Rajkot

EXYLON™ Pesticides & Agrochemicals

MEMORANDUM OF UNDERSTANDING

Between

DEPARTMENT OF CHEMISTRY, FACULTY OF SCIENCE, ATMIYA UNIVERSITY, RAJKOT

and

EXYLON PESTICIDES

SURVEY No. 280, PLOT No. 3/1, PARMESHWAR INDUSTRIAL AREA, PIPLANA, RAJKOT

Whereas the above-named institutions recognize that a Memorandum of Understanding (MOU) would be of mutual benefit and would serve as an indication of continued interest in academic cooperation, it is understood that:

1. Each institution will promote one or more of the following activities based on their respective Academic and Industrial needs: **(Kindly put √ mark)**

A.	Curriculum Design	[ ]	**E.**	Research and Development	[✓]
B.	Industrial Training & Visits	[✓]	**F.**	Skill Development Programs	[ ]
C.	Internships for Students	[✓]	**G.**	Guest Lectures	[ ]
D.	Placement for Students	[ ]	**H.**	Faculty Development Programs	[ ]

2. Specific exchanges or activities that may be developed under the framework of this MOU shall be mutually discussed and agreed upon in writing by both parties prior to the initiation of that activity. Terms of cooperation and details of exchanges, joint programs or activities are to be developed through bilateral discussion and agreement on a case-by-case basis and attached as additions succeeding to the signing of this MOU. Each institution further agrees to appoint respective coordinators at the appropriate time for the specific activities agreed upon.

3. This MOU will become effective on the date of the last signature. It shall remain in force for a Period of five (5) year/s with the understanding that either institution may terminate it by giving 30 days' notice to the other party in writing, unless an earlier termination date is mutually agreed upon. The MOU may be amended or extended by mutual written consent of the Parties.

The parties hereby establish this MOU by duly signing it as of the respective date below.

Head
Department of Chemistry
Atmiya University
Rajkot - 360005
Date - 27/04/24

Head of Department
Department of Chemistry
Faculty of Science
Atmiya University
Rajkot

Registrar
Atmiya University
Rajkot

TORRENT CROP SCIENCE

Dr. Jaysinh I. Jadeja PARTNER
Director
Exylon Pesticides
Piplana, Rajkot - 360024
Date - 27/04/24

Atmiya University Rajkot

To,
The Laboratory Manager
Excellon Pesticide,
Ploat No - Parmeshwar Industrial area,
Piplana,
Rajkot

Subject: Request for Permission for PhD scholars to conduct HPLC analysis

Dear Sir,

On behalf of Department of Chemistry, Faculty of Science, Atmiya University, Rajkot I am writing to request permission for our PhD students, **Mr. Kevalsign Rathod & Monil Dholariya,** to conduct High-Performance Liquid Chromatography (HPLC) analyses in your laboratory. Our students are currently involved in their research work that require advanced analytical techniques for the accurate quantification and characterization of their samples, which is critical for the success of their studies.

We believe that access to your laboratory's HPLC facilities, along with the support and guidance from your team, will not only enhance the rigor of their research but also offer them invaluable hands-on experience in state-of-the-art analysis techniques.

Please let us know if any additional documentation or arrangements are required to facilitate this collaboration. We are enthusiastic about the potential for our students to gain from your laboratory's expertise and resources and look forward to a positive response.

Thank you very much for your consideration and support.

Dr. Pankajkumar B. Nariya
Head - Department of Chemistry
Faculty of Science,
Atmiya University,
Rajkot - 360005

Head of Department
Department of Chemistry
Faculty of Science
Atmiya University
Rajkot

Registrar
Atmiya University
Rajkot

Atmiya University Rajkot

MOLSYNS RESEARCH

MEMORANDUM OF UNDERSTANDING

Between

DEPARTMENT OF CHEMISTRY, FACULTY OF SCIENCE, ATMIYA UNIVERSITY, RAJKOT

and

MOLSYNS RESEARCH - AHMEDABAD

Whereas the above-named institutions recognize that a Memorandum of Understanding (MOU) would be of mutual benefit and would serve as an indication of continued interest in academic cooperation, it is understood that:

1. Each institution will promote one or more of the following activities based on their respective Academic and Industrial needs: **(Kindly put √ mark)**

A.	Curriculum Design	[ ]	**E.**	Research and Development	[√]
B.	Industrial Training & Visits	[√]	**F.**	Skill Development Programs	[ ]
C.	Internships for Students	[√]	**G.**	Guest Lectures	[√]
D.	Placement for Students	[√]	**H.**	Faculty Development Programs	[ ]

2. Specific exchanges or activities that may be developed under the framework of this MOU shall be mutually discussed and agreed upon in writing by both parties prior to the initiation of that activity. Terms of cooperation and details of exchanges, joint programs or activities are to be developed through bilateral discussion and agreement on a case-by-case basis and attached as additions succeeding to the signing of this MOU. Each institution further agrees to appoint respective coordinators at the appropriate time for the specific activities agreed upon.

3. This MOU will become effective on the date of the last signature. It shall remain in force for a Period of five (5) year/s with the understanding that either institution may terminate it by giving 30 days' notice to the other party in writing, unless an earlier termination date is mutually agreed upon. The MOU may be amended or extended by mutual written consent of the Parties.

The parties hereby establish this MOU by duly signing it as of the respective date below.

Head
Department of Chemistry
Atmiya University
Rajkot - 360005
Date - 19/08/23

Head of Department
Department of Chemistry
Faculty of Science
Atmiya University
Rajkot

Dr. Rajesh Desai
Director
Molsyns Research
Ahmedabad - 382430
Date - 19/08/23

MOLSYNS RESEARCH AHMEDABAD

Registrar
Atmiya University
Rajkot

Atmiya University Rajkot

Two days National level

HANDS-ON WORKSHOP ON ADVANCE INSTRUMENTAL TECHNIQUES - 2023

(UV, FT-IR, HPLC, Flash, GC-MS, MP-AES, Microwave synthesizer and Pilot plant operation & maintenance)

29th - 30th DECEMBER 2023

Sponsored by

GSBTM
TRANSCRIPTING BRIGHTER BIO FUTURE

Jointly organized by

Department of Chemistry, Industrial Chemistry &
Center for Research, Innovation and Translation, Atmiya University,
Rajkot-360005

&

Shri Manibhai Virani and Smt. Navalben Virani Science College
(Autonomous) Affiliated to Saurashtra University, Rajkot-360005

Registrar
Atmiya University
Rajkot

Atmiya University Rajkot

ELIGIBILITY

B.Sc., M.Sc. (Chemistry, Industrial Chemistry, Biotechnology, Microbiology)
B.Pharm., M.Pharm. and Ph.D. Scholars

REGISTRATION FEES

Participant students: 500/- INR

FOR REGISTRATION & FEES PAYMENT

Payment Link: **http://seminar.atmiya.ac.in**
After the payment fill your detail in the below link
https://tinyurl.com/333yc3kf

CONTACT

Dr. Sanjay D. Hadiyal
90333 75777 I sanjay.hadiyal@atmiyauni.ac.in

IMPORTANT NOTE

Registration is limited to 100 participants only
Registration fee includes registration kit, tea - breakfast, lunch and certificate

LAST DATE FOR REGISTRATION: DECEMBER 24th, 2023

*After registration, confirmation will be sent to your email.

ABOUT US

Established in 1968, the Department of Chemistry holds the distinction of being the first and most venerable academic department at Atmiya Group of Institutes. Over the years, the department has cultivated a reputation for its seamless integration of education, research, and innovation. Currently, the Department of Chemistry offers undergraduate, postgraduate, and doctoral programs in chemistry. The department boasts state-of-the-art laboratories and well-equipped classroom facilities furnished with modern teaching and learning tools. The Department of Chemistry has adequate and competent faculty members having diverse teaching and research experience with exposure from national and international institutes. The Department has established functional Memoranda of Understanding (MOUs) with various academic, research, and industrial organizations to facilitate effective student training and placement.

Registrar
Atmiya University
Rajkot

Atmiya University Rajkot

ABOUT WORKSHOP

Science is an ever-evolving field, driven by continuous efforts from scientists and researchers worldwide. To bridge the gap between theoretical knowledge and practical applications, industry experts will discuss advanced instrumentation&uses in various chemical industries, such as pharmaceuticals, biopharmaceuticals, oil, and agriculture. Students will gain hands-on experience with sophisticated instruments for qualitative and quantitative analysis of different compounds, while also networking with researchers, industry professionals, and academicians who share common interests.

WORKSHOP HIGHLIGHTS

Comprehensive Understanding, Hands on Experience,Maintenance, Troubleshooting and Data interpretation of following instruments.

- UV-Visible Spectrophotometer
- Infrared Spectrophotometer
- Microwave Synthesizer
- Flash Chromatography
- High Performance Liquid Chromatography (HPLC)
- Gas Chromatography - Mass Spectrometry (GC-MS)
- Microwave Plasma - Atomic Emission Spectroscopy (MP-AES)
- Pilot Plant

Registrar
Atmiya University
Rajkot

Atmiya University Rajkot

ORGANIZING COMMITTEE

CHIEF PATRON

P.P. Tyagvallabh Swamiji
President, Atmiya University

PATRON

Prof. Sheela Ramachandran
Pro-Chancellor

Prof. Shiv Tripathi
Vice Chancellor

CO-PATRON

Prof. Jayesh Deshkar
Pro-Vice Chancellor

Dr. Kartik Ladva
Principal, SMNVSC

Dr. Divyang Vyas
Registrar

CONVENER

Dr. Ashish Kothari
(Director-RIT)

Dr. Ravi Tank
(Head, Industrial Chemistry)

Dr. Pankajkumar Nariya
(Head, Chemistry, AU)

Dr. Milan Vadodaria
(Head, Chemistry, SMNVSC)

ORGANIZING SECRETARY

Dr. Bhavin Dhaduk | Dr. Sanjay Hadiyal | Dr. Satishkumar Tala
Dr. Anilkumar Patel | Dr. Mahesh Savant

COMMITTEE MEMBERS

All staff members of Chemistry & Industrial Chemistry Department

---

ATMIYA UNIVERSITY

DEPARTMENT OF CHEMISTRY
YOGIDHAM GURUKUL, KALAWAD ROAD, RAJKOT - 360 005.

Registrar
Atmiya University
Rajkot

Atmiya University Rajkot

ATMIYA UNIVERSITY
(Established under the Gujarat Private University Act 11, 2018)
Yogidham Gurukul, Kalawad Road, Rajkot - 360005, Gujarat (INDIA)

To
Dr. Rajesh Desai
Director
Molsyns Research
Ahmedabad - 382430

Subject: Invitation to Resource Person in National level hands on workshop

Respected Sir,

We are delighted to extend a formal invitation to you to be a Resource Person at our forthcoming two-day national-level "Hands-on Workshop on Advanced Instrumental Techniques - 2023," sponsored by GSBTM. This workshop is jointly organized by the Department of Chemistry & Industrial Chemistry - Atmiya University and Shri M. & N. Virani Science College, Rajkot. The event is scheduled to take place on the 29th and 30th December 2023.

The expertise you bring to the analytical field aligns perfectly with the goals of our workshop, and we believe your participation will significantly enhance the educational experience for our attendees.

We kindly request your confirmation of availability at your earliest convenience. Additionally, we would appreciate it if you could provide a brief biography and an abstract of your intended lecture for promotional purposes.

We look forward to the possibility of your participation in our workshop.

Please feel free to contact us if you have any questions or require further information.

Warm regards

Dr. Bhavin Dhaduk
Organizing Secretary

+91 281 2563445 +91 281 2563952 admin@atmiyauni.ac.in www.atmiyauni.ac.in

Registrar
Atmiya University
Rajkot

Atmiya University Rajkot

Two Days National Level

"HANDS ON WORKSHOP ON ADVANCE INSTRUMENTAL TECHNIQUES - 2023"

Jointly organized by
Department of Chemistry, Industrial Chemistry & Center for Research, Innovation and Translation,
Atmiya University, Rajkot-360005
&
Shri Manibhai Virani and Smt. Navalben Virani Science College (Autonomous)
Affiliated to Saurashtra University, Rajkot-360005

Appendix IV: Detailed program detail and Program summary

Day-1 (29/12/2023)			
Time	**Title of the Talk / Sessions**	**Name of expert & Affiliation**	**Venue / Location**
08:00 AM To 09:00 AM	Registration	-	Main Entrance - AU
09:00 AM To 09:45 AM	Inauguration ceremony	-	Auditorium - I, AU
09:45 AM To 10:15 AM	High Tea/snacks	-	Aswad canteen
10:15 AM To 12:00 AM	Hands-on training sessions	External & Internal Resource Persons	CIF Lab & Other Laboratories
12:00 AM To 01:00 PM	Lunch Break	-	Aswad canteen
01:00 PM To 02:00 PM	Expert talk **Topic -**Modern Instrumental Techniques in Pharmaceutical Industry	**Dr. Rajesh Desai** - Director, Molsyns Research - Ahmedabad	VSC Class room - 304
02:00 PM To 02:30 PM	High Tea	-	Square Plaza - VSc
02:30 PM To 05:30 PM	Hands-on training sessions **Instruments** - UV, IR, HPLC, Flash, GC-MS, MPAES, Microwave synthesizer and Pilot plant	External & Internal Resource Persons	CIF Lab & Other Laboratories
Day-2 (30/12/2023)			
Time	**Title of the Talk / Sessions**	**Name of expert & Affiliation**	**Venue / Location**
08:30 AM To 09:00 AM	High Tea/snacks	-	Aswad canteen

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Rajkot

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09:00 AM to 12:00 AM	Hands-on training sessions	External & Internal Resource Persons	CIF Lab & Other Laboratories
12:00 AM To 01:00 PM	Lunch Break		Aswad canteen
01:00 PM To 02:00 PM	Expert talk **Topic** -GMP and GLP regul;ations in Pharmaceutical Industry	**Mr. Vinkal Zalavadiya** - Head, Analytical O2h Discovery Ltd - Ahmedabad	VSC Class room - 304
02:00 PM To 02:30 PM	High Tea		Square Plaza - VSc
02:30 PM To 4:00 PM	Hands-on training sessions	External & Internal Resource Persons	CIF Lab & Other Laboratories
04:00 PM To 04:30 PM	Closing ceremony	-	VSC Class room - 304
04:30 PM To 05:00 PM	Certificate Distribution		VSC Class room - 304

List of the Speakers/Expert/Resource Persons:

List of Speakers (External):

1. Dr. Rajesh Desai - Director, Molsysns Research - Ahmedabad
2. Mr. Vinkal Zalawadiya - Head, Analytical, O2h Discovery Ltd - Ahmedabad

List of Resource Persons (External):

1. Mr. Vishvaraj Devmurari - Application chemist, Regional Food testing Lab - Rajkot
2. Mr. Arjun Board - Application chemist, CIF Lab, Shri M & N Virani Science College - Rajkot

List of Resource Persons (Internal):

1. Dr. Anilkumar Patel - Associate Professor, Atmiya University - Rajkot
2. Dr. Satishkumar Tala - Associate Professor, Atmiya University - Rajkot
3. Dr. Bhavin Dhaduk - Assistant Professor, Atmiya University - Rajkot
4. Dr. Sanjay Hadiyal - Assistant Professor, Atmiya University - Rajkot
5. Dr. Mayur Shiyal - Assistant Professor, Atmiya University - Rajkot
6. Mr. Yogesh Dudhagara - Assistant Professor, Atmiya University - Rajkot

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Rajkot

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Distribution of Groups - 29/11/2023

Laboratories	VSC Labs			CIF Lab		
	Physical Lab - 3rd Floor	Chemistry Lab - 3rd Floor	Ground Floor	1st Floor		
Instruments	UV	Microwave	Pilot pant	HPLC/Flash	FI-IR	GC-MS/ MP-AES
Time	1.5 hrs	1.5 hrs	1.5 hrs	1.5 hrs	1.5 hrs	1.5 hrs
10:30 to 12:00	A1 (25)	A2 (25)		B1 (15)	B2 (20)	B3 (15)
02:30 To 04:00	A2 (25)	A1 (25)		B2 (20)	B3 (15)	B1 (15)
04:00 To 05:30			A1-A2 (50)	B3 (15)	B1 (15)	B2 (20)

Distribution of Groups - 30/11/2023

Laboratories	VSC Labs			CIF Lab		
	Physical Lab - 3rd Floor	Chemistry Lab - 3rd Floor	Ground Floor	1st Floor		
Instruments	UV	Microwave	Pilot pant	HPLC/Flash	FI-IR	GC-MS/ MP-AES
Time	1.5 hrs	1.5 hrs	1.5 hrs	1.5 hrs	1.5 hrs	1.5 hrs
09:00 to 10:30	B1 (25)	B2 (25)		A1 (15)	A2 (20)	A3 (15)
10:30 To 12:00	B2 (25)	B1 (25)		A2 (20)	A3 (15)	A1 (15)
02:30 To 04:00			B1-B2 (50)	A3 (15)	A1 (15)	A2 (20)

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List of Technical Sessions by the Resource Persons

"HANDS ON WORKSHOP ON ADVANCE INSTRUMENTAL TECHNIQUES - 2023"						
Resource Persons	Instrument Handle	No of Batches Handle	Total no of Students	Session Taken (in Hrs)	Session Taken (in Hrs)	Total sessions (in Hr)
				29-12-2023	30-12-2023	
Dr. Anil Patel	IR Spectrophotometer	6	100	4.50	4.50	9
Dr. Satish Tala	Microwave Synthesizer	4	100	3.00	3.00	6
Dr. Bhavin Dhaduk	UV Visible Spectrophotometer	4	100	3.00	3.00	6
Dr. Sanjay Hadiyal	Flash Chromatography	6	100	4.50	4.50	9
Dr. Mayur Shiyal	MP-AES	6	100	4.50	4.50	9
Mr. Yogesh Dudhagara	Pilot Plant	2	100	1.50	1.50	3

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Rajkot

Atmiya University Rajkot

Program summary

The Two-day National Level "Hands-on Workshop on Advanced Instrumental Techniques - 2023" offered an intensive program designed to equip participants with advanced skills and knowledge in instrumental analysis. Over the course of two days, attendees engaged in hands-on sessions, expert-led lectures, and interactive discussions. The workshop covered a wide range of cutting-edge instrumentation, including spectroscopy, chromatography, microscopy, and molecular analysis techniques. Renowned experts in the field conducted sessions, sharing insights and practical tips to enhance participants' proficiency. Through practical demonstrations and guided experiments, attendees gained practical experience and confidence in utilizing these techniques in their research or professional endeavors. The workshop fostered a collaborative learning environment, facilitating networking opportunities among participants from diverse academic and research backgrounds. Overall, the workshop provided a valuable platform for participants to enhance their analytical skills, stay abreast of technological advancements, and foster collaborations in the field of instrumental analysis.

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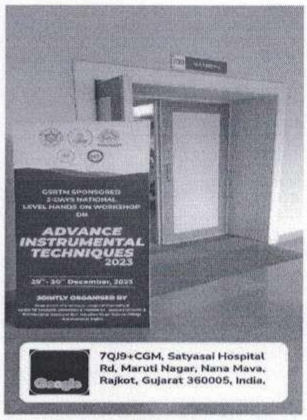
Two Days National Level

"HANDS ON WORKSHOP ON ADVANCE INSTRUMENTAL TECHNIQUES - 2023"

Jointly organized by
Department of Chemistry, Industrial Chemistry & Center for Research, Innovation and Translation,
Atmiya University, Rajkot-360005
&
Shri Manibhai Virani and Smt. Navalben Virani Science College (Autonomous)
Affiliated to Saurashtra University, Rajkot-360005

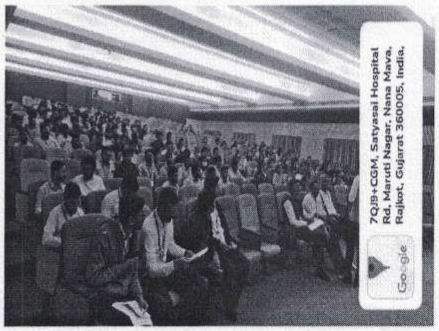
Appendix VI: Photographs of the events

(Registration at Entrance)



(Opening ceremony at Auditorium - 2)

(Distinguished Guest on the Desk)



(Participants at Auditorium -2)

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Rajkot

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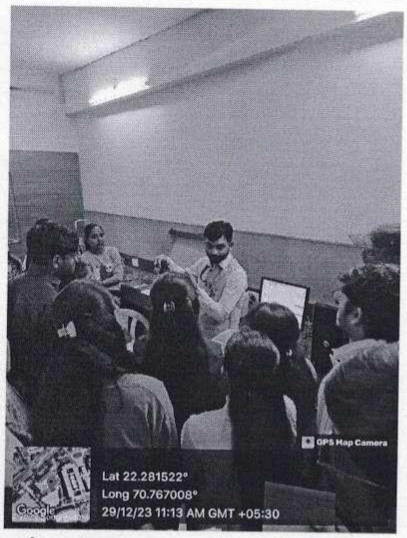
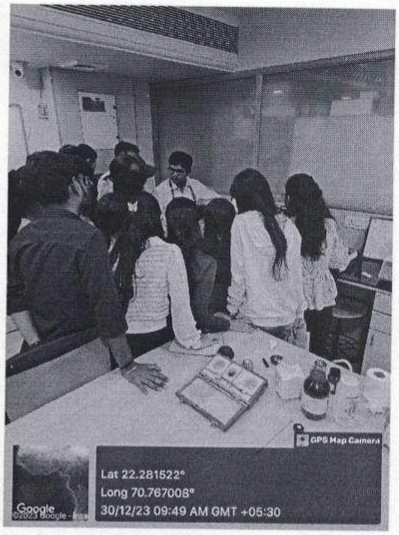
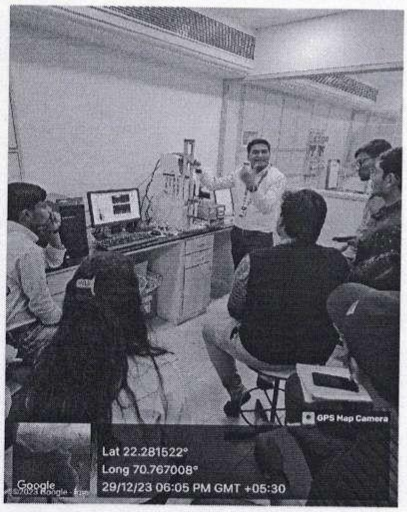


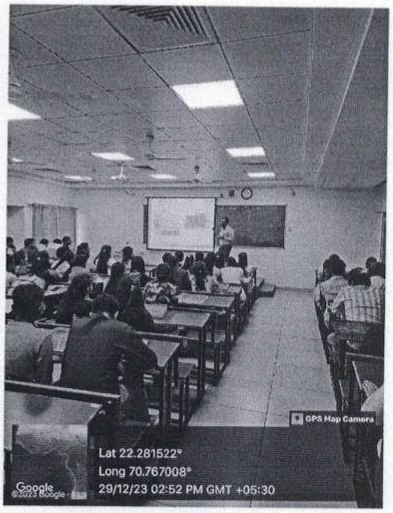
(Hands on Training on Microwave Synthesiser)



(Hands on Training on IR Spectrophotometer)



(Hands on Training on Flash Chromatography)



(Expert talk delivered by Resource Person)

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Rajkot

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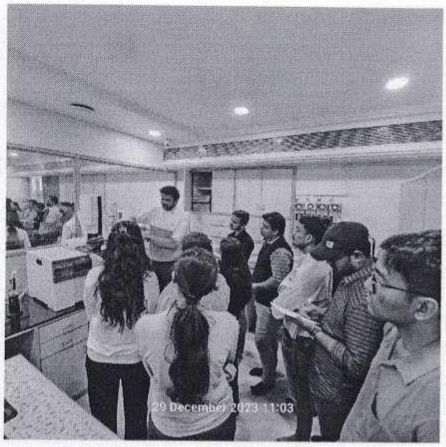
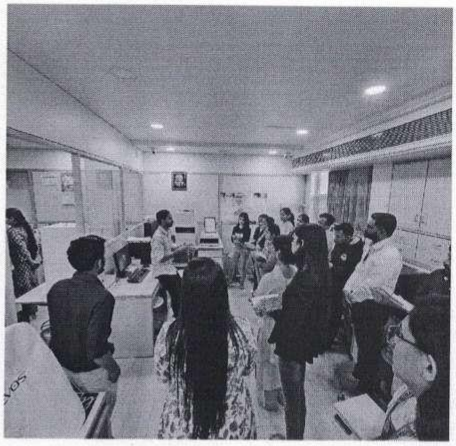
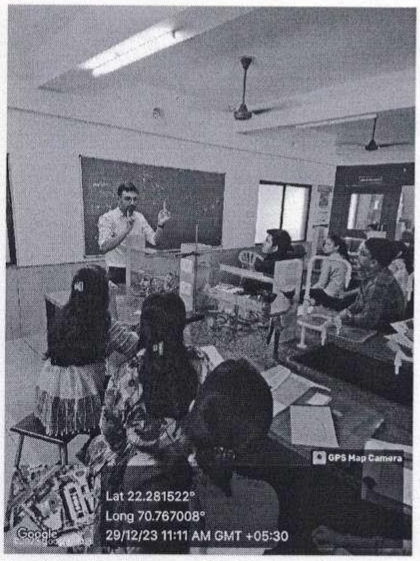


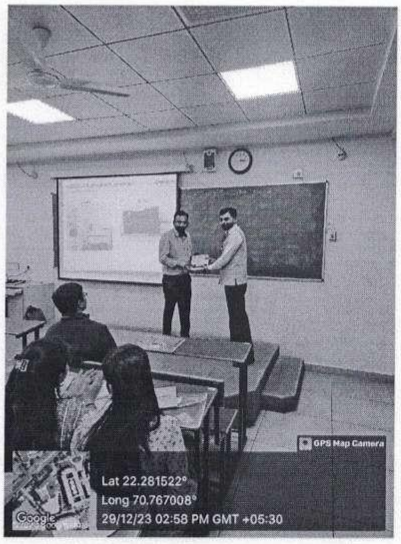
(Hands on Training on GC-MS)



(Hands on Training on HPLC)



(Hands on Training on UV Spectrophotometer)



(Facilitated to Resource Person)

Dr. Shavil Bhadur

Head of Department
Department of Chemistry
Faculty of Science
Atmiya University
Rajkot

Registrar
Atmiya University
Rajkot

Atmiya University Rajkot

Two Days National Level

"HANDS ON WORKSHOP ON ADVANCE INSTRUMENTAL TECHNIQUES - 2023"

Jointly organized by
Department of Chemistry, Industrial Chemistry & Center for Research, Innovation and Translation,
Atmiya University, Rajkot-360005
&
Shri Manibhai Virani and Smt. Navalben Virani Science College (Autonomous)
Affiliated to Saurashtra University, Rajkot-360005

Attendance Sheet - 29/12/2023

Sr. No	Name Of Participants	Name Of Institutes/ College	Signature
1	Pritisha Jamanbhai Gohel	Saurashtra University	
2	Kishan Tarakbhai Kovadiya	Kachchh University	
3	Karan Ashokbhai Rathod	Kamani Science College	
4	Unnati Kamleshkumar Jasani	Kadi Sarva Vishwavidyalaya	
5	Nirali Kiritbhai Kalaria	Kadi Sarva Vishwavidyalaya	
6	Shivani Pawan Kumar Sharma	Gujarat Ayurveda University	
7	Vivek Ashokbhai Pathak	Atmiya University	
8	Priya Darshani Rajwant Negi	ITRA	
9	Dhanya Harisha Cr Harisha	ITRA	
10	Abhisha Amit Bhai Makadiya	Kadi Vishwavidhyalay	
11	Janvi Sanjaybhai Gajjar	Vanita Vishram Women's University	
12	Nirmala Laxminarayan Mishra	Vanita Vishram Women's University	
13	Lipsa Pramod Panda	Vanita Vishram Women's University	
14	Divyani Radheshyam Yadav	Vanita Vishram Women's University	
15	Shivani Gabbarsingh Chauhan	Vanita Vishram Women's University	
16	Soniya Jayakumar Chelumalla	Vanita Vishram Women's University	
17	Vaidehi Vinaychandra Vadhvana	ITRA	
18	Jenil Jigneshbhai Makadia	Atmiya University	
19	Mausamee Amrutbhai Vadariya	Atmiya University	
20	Hetalba Ghanshyamsinh Jhala	ITRA	
21	Hardik Ajitbhai Kacha	Atmiya University	
22	Urvi Kishorbhai Mangi	ITRA	

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Rajkot

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23	Gargi Mansukhbhai Madhani	Atmiya University	
24	Bhairvi Raghunandan Raval	Atmiya University	
25	Hetvee Bhupatbhai Vank	Atmiya University	
26	Milind Shrinivas Dangate	Vellore Institute of Technology	
27	Yashish Vasant Hedaoo	M. G. Science Institute	
28	Jenil Sureshbhai Barasara	M.G Science Institute	
29	Umangkumar Bhagvanbhai Patel	M.G.Science Institute	
30	Rohit Jivanbbai Parmar	M.G.Science Institute	
31	Prinskumar Kamleshbhai Sangani	Gujarat University	
32	Ami Harsukhbhai Ravaliya	Saurashtra University Rajkot	
33	Janakram Atmaram Parmar	M. G. Science Institute	
34	Mitesh Amthabhai Panchal	M. G. Science Institute	
35	Kishan Dipakgiri Goswami	Mg Science Institute	
36	Divyakant Bharatbhai Chaudhari	M.G.Science Institute	
37	Chirag Anil Khatwani	Department of Chemistry,Gujarat University	
38	Payal Ramsingh Rajput	Mg Science Institute	
39	Chandreshbhai Shantibhai Vaya	Kamani Science College - Amreli	
40	Komal Rajesh Jingar	Gujarat University	
41	Nakul Kanubhai Paruparla	M.G.Science Institute , Gujarat University	
42	Nishaben Ishavarbhai Pansara	Department Of Chemistry Gujarat University	
43	Nisha Atma Singh Rajput	M.G. Science Institute	
44	Vrundaben Vinubhai Rakholiya	Department of Chemistry,Gujarat University	
45	Hitarthi Shaileshbhai Prajapati	M. G. Science Institute	
46	Janvi Fatehbahadur Rajput	M.G. Science Institute	
47	Kirti Ramshringar Pal	Vanita Vishram Women's University	
48	Sweta Ramesh Maurya	Vanita Vishram Women's University	
49	Vivek Kumar Narendra Singh Rajput	Department of Chemistry,Gujarat University	
50	Vijay Raj	Department of Chemistry,Gujarat University	
51	Chintankumar Rasikbhai Patel	Department of Chemistry,Gujarat University	
52	Srushtiben Ranabhai Patel	Department of Chemistry,Gujarat University	
53	Arth Rakeshkumar Patel	Department of Chemistry,Gujarat University	
54	Rushikumar Vinodbhai Patel	Department of Chemistry,Gujarat University	
55	Himanshu Dilipbhai Rathod	Department of Chemistry,Gujarat University	
56	Dhavalkumar Hasmukhbhai Prajapati	Department of Chemistry,Gujarat University	
57	Yash Umeshkumar Patel	Department of Chemistry,Gujarat University	

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Rajkot

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58	Jay Dilipkumar Patel	Department of Chemistry,Gujarat University	
59	Dhruvkumar Hareshbhai Patel	Department of Chemistry,Gujarat University	
60	Shah Nupur Mayurkumar	M.G.Science Institute, Gujarat University	
61	Padaliya Riya Rameshbhai	M.G.Science Institute, Gujarat University	
62	Ashish Shailesh Kumar Patel	Department of Chemistry, Gujarat University	
63	Bhargavi Jagdishbhai Yadav	St.Xavier's College	
64	Dhirajba Mangalsinh Daljadeja	ITRA	
65	Jeenal Bharatkumar Makwana	M.G.Science Institute, Gujarat University	
66	Yash Rajnikant Dabhi Yash Rajnikant	M.G.Science Institute, Gujarat University	
67	Mansiben Dashrathbhai More	M.G.Science Institute, Gujarat University	
68	Smitkumar Dineshbhai Vankar	GSFC University	
69	Dipti Alokbhai Shrivastav	M.G.Science Institute, Gujarat University	
70	Anjalee Rajeshbhai Khoyanee	Saurashtra University	
71	Priyank Manishbhai Shah	Saurashtra University	
72	Nilesh Rameshbhai Khandala	Department of Chemistry,Gujarat University	
73	Dharmik - Patel	Department of Chemistry, Gujarat University	
74	Dip Natavarbhai Vekariya	Department of Chemistry,Gujarat University	
75	Heet Mahesh Bhai Boda	Atmiya University	
76	Maheshwari Govind Bhai Prajapati	MG Science Institute	
77	Prashant Dineshbhai Dave	Atmiya University	
78	Ravi Vajsibhai Dhuva	Atmiya University	
79	Satish Manubhai Solanki	ITRA	
80	Yagnik Dilipbhai Mundadiya	ITRA	
81	Savan Ashokbhai Vadariya	Atmiya University	
82	Pavan Mansukhbhai Rabadiya	Atmiya University	
83	Meet Jayantibhai Ramani	Atmiya University	
84	Abhaykumar Kantilal Panara	Atmiya University	
85	Utsav Hareshbhai Kikani	Atmiya University	
86	Deep Rugnathbhai Mendapara	Atmiya University	
87	Dhara Hitendrasinh Parmar	Department of Chemistry, Gujarat University	
88	Hardik Kanjibhai Dhariyaparmar	Department of Chemistry,, Gujarati University	
89	Krina Atulkumar Mistry	M.G.Science - Ahmedabad	
90	Hinal Bipinbhai Ambasana	ITRA	
91	Radhika Vinodbhai Bhanderi	ITRA	
92	Kruti Vinodbhai Malani	ITRA	
93	Payal Jiterndrabhai Sonaiya	ITRA	

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94	Bhautikkumar Bhikhabhai Parmar	ITRA	
95	Sumitkumar Sureshbhai Parmar	ITRA	
96	Maheshbhai Jayantibhai Vasoya	Department Of Chemistry, Gujarat University	
97	Om Govindbhai Chudasama	Department Of Chemistry, Gujarat University	
98	Rasikbhai Maganbhai Rathva	Department Of Chemistry, Gujarat University	
99	Divyesh Hirenbhai Mevada	Atmiya University	
100	Basiya Nilamba	Atmiya University	
101	Nilkanth Maradia	ITRA	
102	Vidhi Patel	ITRA	
103	Nilamba Basiya	Atmiya University	
104			
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Dr. Bhavik Dhadal

Head of Department
Department of Chemistry
Faculty of Science
Atmiya University
Rajkot

Registrar
Atmiya University
Rajkot

Atmiya University Rajkot

ATMIYA UNIVERSITY

(Established under the Gujarat Private University Act 11, 2018)

Yogidham Gurukul, Kalawad Road, Rajkot - 360005, Gujarat (INDIA)

Bill for Reimbursement of Travelling Allowance and/or Honorarium

1. Name (As Per Bank Account):- RAJESHKUMAR PUNABHAI DESAI
2. Designation :- Director Organization:- MolSyns Research
3. Email ID: info@molsyns.com Mobile No.: 9586858886
4. Bank: HDFC BANK Account No.:- 00691141110795 IFSCode: HDFC0000069
5. Purpose: GSBTM Sponsered Workshop-2023 (Resource Person) - Industry Date:- 29/12/2023

Departure			Arrival			Mode of Journey	Distance in Kms.	Ticket/ Invoice No.*	Amount (in Rs.)
Date	Time	From	Date	Time	To				
29/12/23	05:00	A'Bad	29/12/23	11:00	Rajkot	car	220	—	2420/-
29/12/23		Rajkot	29/12/23		A'Bad.	car	220	—	2420/-
								Honorarium	1500/-
								Total Amount	6340/-

* Kindly attach Original Ticket/Invoice

(Rupees Six Thousand three hundread Fourty only/-)

1. Certified that the particulars filled in above are correct and true and has not claimed from anywhere.
2. Received the above T.A. and/or Honorarium amount.

Sign:-
(Name: - Rajesh Desai)

Passed Rs. _____ (Rupees: - _____)

HoD

Head of Department
Department of Chemistry
Faculty of Science
Atmiya University
Rajkot

Forwarded By
Registrar

Verified By
Account/Audit Office

Name of Dept: Chemistry

+91 281 2563445 +91 281 2563952 admin@atmiyauni.ac.in www.atmiyauni.ac.in

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Rajkot

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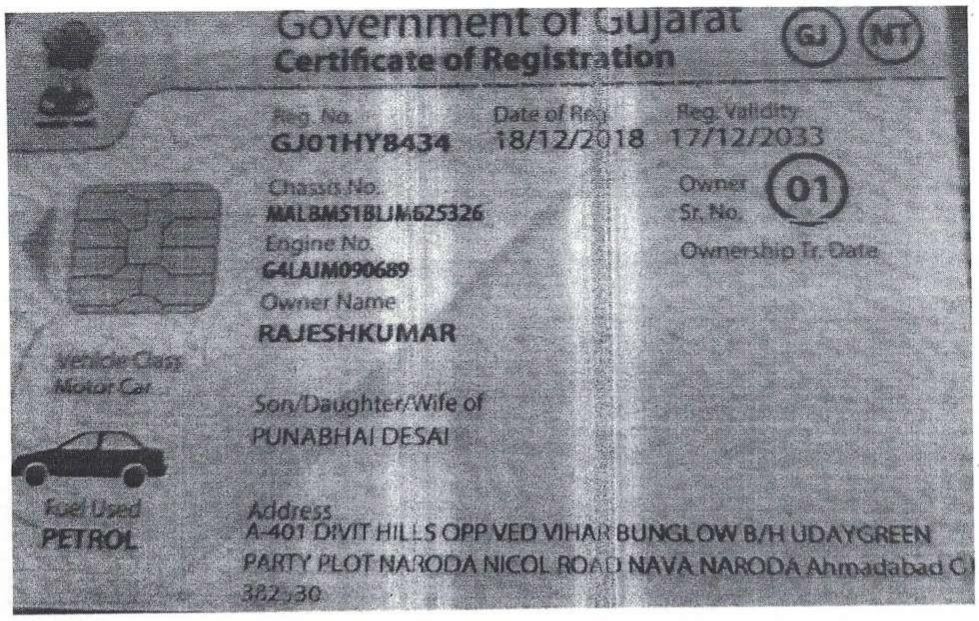


Government of Gujarat
Certificate of Registration

GJ NT

Reg. No.
GJ01HY8434

Date of Reg.
18/12/2018

Reg. Validity
17/12/2033

Chassis No.
MALBMS1BLJM625326

Owner Sr. No.
01

Engine No.
G4LAJM090689

Ownership Tr. Date

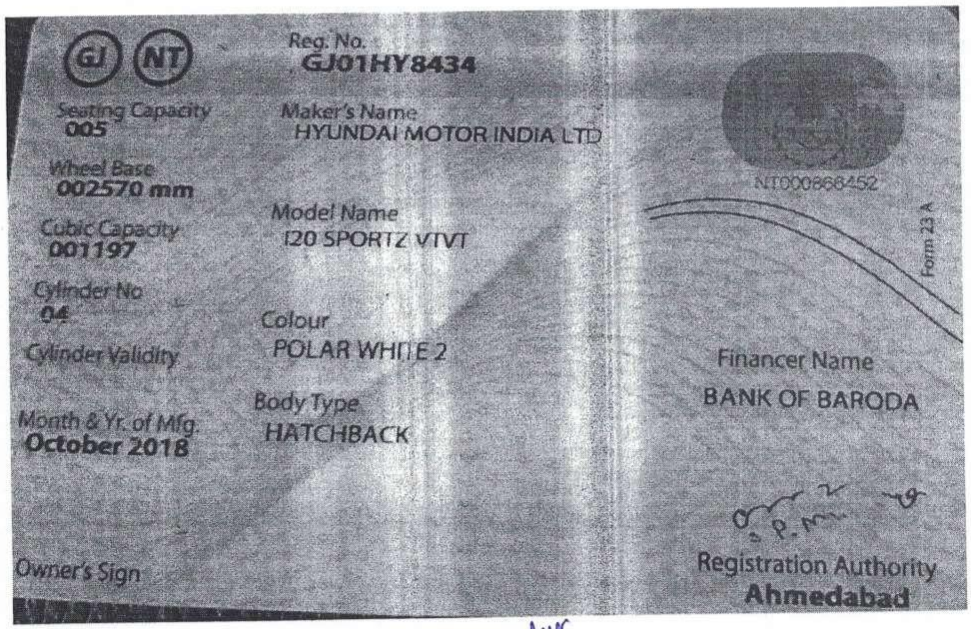
Owner Name
RAJESHKUMAR

Vehicle Class
Motor Car

Son/Daughter/Wife of
PUNABHAI DESAI

Fuel Used
PETROL

Address
A-401 DIVIT HILLS OPP VED VIHAR BUNGLOW B/H UDAYGREEN PARTY PLOT NARODA NICOL ROAD NAVA NARODA Ahmadabad G
382330



GJ NT

Reg. No.
GJ01HY8434

Seating Capacity
005

Maker's Name
HYUNDAI MOTOR INDIA LTD

Wheel Base
002570 mm

NT000868452

Form 23 A

Cubic Capacity
001197

Model Name
I20 SPORTZ VTVT

Cylinder No
04

Cylinder Validity

Colour
POLAR WHITE 2

Financer Name
BANK OF BARODA

Month & Yr. of Mfg.
October 2018

Body Type
HATCHBACK

Owner's Sign

Registration Authority
Ahmedabad

Dr. Bhavin Dhaduk

Head of Department
Department of Chemistry
Faculty of Science
Atmiya University
Rajkot

Registrar
Atmiya University
Rajkot

Atmiya University Rajkot

Brahmaswarup
Guruhari P. P. Hariprasad
Swamiji Maharaj

Guruhari
P. P. Premswarup
Swamiji Maharaj

ATMIYA UNIVERSITY

In association with

SHRI M. & N. VIRANI SCIENCE COLLEGE

FELICITATION

We on behalf of the
Organizing committee and under the Divine blessings of
Brahmswarup Guruhari P. P. Hariprasad Swamiji Maharaj &
Guruhari P. P. Premswarup Swamiji Maharaj
have great pleasure to offer the Felicitation with honor to

Dr. Rajesh Desai

Molsyns Research, Ahemdabad

for his contribution as a Resource Person in a GSBTM Sponsored
Two Days National Level
"HANDS ON WORKSHOP ON ADVANCE INSTRUMENTAL TECHNIQUES - 2023"
Jointly organized by
Department of Chemistry, Industrial Chemistry &
Center for Research, Innovation and Translation,
Atmiya University, Rajkot-360005
&
Shri Manibhai Virani and Smt. Navalben Virani Science College (Autonomous)
Affiliated to Saurashtra University, Rajkot-360005
held on 29th - 30th December 2023.

Sadhu Tyagvallabhdas
President, Atmiya University, Rajkot
Secretary, Sarvoday Kelavani Samaj Trust, Rajkot

Registrar
Atmiya University
Rajkot

Atmiya University Rajkot

Memorandum of Understanding

For

Academia & Industry Collaborations

Between

ATMIYA UNIVERSITY

and

DADAJI LIFESCIENCES PRIVATE LIMITED

This Memorandum of Understanding wasenteredon **03/10/2023** between **Atmiya University (AU)** and **Dadaji Lifesciences Private Limitedat Atmiya University-Rajkot, Gujarat - INDIA**

ATMIYA UNIVERSITY, an educational institute constituted under Yogi Divine Society of Sarvoday Kelvani Samaj being registration no F-28(Rajkot) under the Mumbai Trust Act 1950, having an address at "Yogidham Gurukul" KalawadRoad, Rajkot, Gujarat-360005.

AND

DadajiLife SciencesPrivateLimited(CIN: U24290GJ2022PTC132435) company incorporated under the laws of India, has its registered office located at Survey No: 480, Plot No. 36,37,38 Rachna Industrial Zone, Padavala, Rajkot, Gujarat 360024.

Atmiya Universityand Dadaji Life Sciences Private Limited are also referred to herein individually as "Party"and collectively be referred to as "Parties"

I) PREAMBLE

Atmiya University (AU)

AU,established on 13th April 2018, under the Gujarat Private Act 2018, Gujarat, India emphasizes training young minds in consonance with the doctrine of

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higher education and human values. AU aims to spread eternal happiness and to create a pleased society in letter and spirit.

The motto सुहृदं सर्वभूतानां (*Suhardam Sarva Bhootanam*) is an expression of willingness to attain harmony with each creation of the Almighty. His Divine Holiness Hariprasad Swamiji Maharaj, the spiritual successor of Lord Swaminarayan is the inspirer of Atmiya University. With the blessing, P. P. Tyagvallabh Swamiji has envisioned Atmiya University to be a global leader in showing the path to enshrine Universal Human Value into every domain of education, in the pursuit of transformative outcomes of education for living life to the fullest.

The AU well-renowned Center for Education, Internalization, Innovation, Entrepreneurship & Research. AU has been a well-established educational institute and has a reputation for high academic standards. AU has currentlysix faculties namely Faculty of Engineering & Technology, Faculty of Health Sciences, Faculty of Sciences, Faculty of Business &Commerce, Faculty of Humanities & Social Science, and Faculty of transformative education.

Dadaji Life Sciences Private Limited (DLS)

Dadaji Life Science Private Limited is a flagship company of Dada Organics Private Limited developed for serving consumers with General Category Allopathic Medicine in the form of Tablets, Capsules, and Powders.Driven by the same purpose Dadaji Life Science Private Limited has been ensured access to high-quality medicines for a decade by a group of Companies under Dada Organics." Dadaji Life Science Private Limited has 150 products which include Analgesics, Antipyretic, Anti-inflammatory, Anti-epileptic, Anti-Parkinson, Anti-depressant, Anti-diabetic, Antimalarial, Anti-psychotics, asthmatics, Gynecology medicines and many more. Dadaji Life Science Private Limited emphasizes quality, reliability, trust, consistency, innovation and excellence.

II) PURPOSE & SCOPE

The purpose of the MoU is to establish robust academic, research& outreach collaboration for the mutual benefit and the benefit of society at large. The MoU will help to combine the respective capabilities for the development of both organizations.Specific areas of cooperation that both the Parties shall seek, based on mutual consent may include, but are not limited to, the following:

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DADAJI LIFE SCIENCE PRIVATE LIMITED RAJKOT

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A: Dadaji Life Sciences Private Limitedwill

1. Facilitate Industrial visit to students of AU
2. Facilitate Industrial Training Program for students and staff members of AU
3. Provide students and faculty members an opportunity to workon research projects.
4. Facilitate knowledge sharing through expert lectures and other activities at AU.

B: AU will

1. Design and delivershort-term programs for employees of DLS in the areas of Chetna Vikas Mulya Siksha, Sustainable development, and Life skills.
2. Collaborate in research, innovation, and outreach activities with DLS.

C: Both the Parties will jointly

1. The parties wish to collaborate in research, knowledge sharing, and exchange of information in conjunction with each other initially focusing on the round carrier development of students.
2. Work towards complementing each other's capabilities through the sharing of knowledge resources and physical resources for the mutually agreed activities.
3. Participate in joint research projects/proposals on mutually agreed terms.
4. Organizing various events aiming for societal impact in community engagement.

Outcomes of shared knowledge and intellectual deliberations (like research, innovation, or other data) may be disseminated and claimed jointly. Financial liabilities, if involved, in any of the activities shall be mutually discussed and agreed upon prior.

Scopes of MOU

1. To develop the course curriculum to meet the industry expectations and standards and educate the student in such a way that increases job opportunities

2. DLS will provide structured interaction to the selected students through its various training programs to bridge the gap between academic andprofessional life for the final and pre-final year students of the University.

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3.DLS will assess students based on selection criteria and the institute will extend all support for conducting the screening process at the venue of AU or DLS.

4. Both parties will provide support and research facilities as well as grants or research fellowshipsto the desired and capable candidates.

III) Mechanisms to implement MoU

To implement this MoU the parties shall identify the common areas of interest from (but not restricted to) the above-mentioned scope of the work and develop a plan of joint activities.After joint consideration of proposals for each of the above areas of cooperation, the parties shall agree and approve plans for joint activities.

After signing the MoU, parties shall ensure that the collaboration remains active, and the activities defined in the above clauses shall be implemented soon.

After the execution of each activity, the parties shall share the details of activities conducted in the form of a brief report to each other for record purposes.

IV) Commercial

This initial MoU does not imply any financial or legal liabilities on parties. In case of any future activities, having financial implications, a separate agreement shall be signed between the party as an extension of this MoU with the required terms and information.

V) Tenure and validity of the MoU

The present Agreement is in effect and enters into legal force on the date of its signing. The Agreement is valid for five (5) years after the date of signing. This agreement can be terminated by parties with a notice period of 1 month with a valid reason. In the event of a decision to terminate this Agreement, its provisions shall remain in legal force for the ongoing projects and programs under this agreement until fully completed.

VI) Confidentiality

It is hereby agreed that neither party shall furnish to the third party such confidential information, which includes but is not limited to the operation,

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publicity, profits, financial affairs, present or plans or policies of either party, or any other sensitive information without the consent of the other party.
Any information on data, drawings, or design thatcomes across by the institute or its representatives during the interaction shall be maintained confidential.
AU or DLS carries out research projects in their area and has to give a separate undertaking stating that they will abide by all the conditions of this MoU and shall maintain this confidentiality. If any unforeseen eventually, the individual shall be responsible and not AU/DLS.

VII) Arbitration

In the event of any controversy or claim arising out of or relating to this agreement, or a breach thereof, the parties hereto shall first attempt to settle the dispute by conciliation. If a settlement is not reached within sixty days after the service of a written demand for conciliation, any unresolved controversy or claim shall be settled by arbitration as per the provision of The Arbitration and Conciliation Act, 1996. The number of arbitrators shall be one as mutually decided by both the parties.

VIII) Final provisions

This Agreement is not exclusive and shall not restrict the Parties to sign similar or any other agreements or contracts with third parties.This Agreement is made in two equals in English and for each party; All agreement copies are of equal legal force and take effect on the day of signing.

The joint Advisory committee consisting of two members each from AU and DLS shall be nominated by the respective management. The advisory committee shall meet at least two times a year to monitor the progress as well as the actual application of mutually agreed projects and progress.

IX)Renewal, Review, Termination and Amendment of the Agreement

1. The MoU is signed by official representatives of both parties and each party will receive a copy of it.
2. It will be effective from the date of signature for five years. Thereafter, it shall be automatically extended for an additional period of threeyears at each expiration date unless either party provides written notice to terminate the agreement.

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3. Both parties will be responsible for conducting periodic reviews.
4. Neither party may assign, delegate, or otherwise transfer any of this right or obligations under this MOU without the prior written consent of the other party
5. This MoU shall be governed by constructed and interpreted under the laws of India.
6. Items not covered under the agreement may be raised and negotiated separately by both parties without abrogating this agreement. Amendments or changes shall be made in writing and signed by the duly authorized representatives of the parties.
7. In case of any misunderstanding, all issues are to be discussed across the table and resolved amicably.
8. The parties shall not make any public or press announcements on the Internet or any disclosure of any nature whatsoever to any person concerning this MoU without the prior permission of the other party
9. Any modification to this MoU will only be valid if mutually agreed upon between the parties and executed in a written document duly signed by authorized representatives of each party. Modification shall be effective from the date on which they are executed
10. Neither Party shall assign or transfer all or any of its rights, benefits, or obligations under the MOU without obtaining the other Party's prior written approval.
11. This MOU may be executed in two or more counterparts or duplicates, each of which, when executed and delivered, is an original,butall the counterparts/duplicates taken together shall constitute one document.

X) Communication and Coordination

Each party will designate an individual, who will be the **liaison officer/ SPOC** (Single Point of Contact), to coordinate the activities and all endeavours under the scope of this MoU. The SPOC members currently appointed are-

a) From AU:

Name: Bhakti Ladva
Designation: Associate Professor
Contact: +91 9426866266
Email: bhakti.ladva@atmiyauni.ac.in

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b) **From Dadaji Lifesciences Private Limited:**
Name: Dipali Gosai
Designation: HR Manager
Contact: +91 9033999851
Email: hr@dadijilifescience.com

Either party may change its designated liaison officer/ SPOC by written notification to the designated liaison officer/ SPOC of the other party. The officers will inform each other of the delegation of duties within the respective institutions/organization staff for the implementation of programs routine communication and processing of enrolments and activities.

Addressesandidentification of the Parties

Atmiya University (AU) **Physical Address** Yogidham Gurukul,Kalawad Road, Dist-Rajkot – 360005Gujarat, INDIA **Phone:** 0281 – 2563445 **Email:**registrar@atmiyauni.ac.in **Website:**www.atmiyauni.ac.in	**Dadaji Life Science Private Limited** **Physical Address** Survey No: 480, Plot No. 36,37,38 Rachna Industrial Zone, Padavala, Rajkot, Gujarat 360024. **Phone: +91 9978620200** **Email:** info@dadijilifescinece.com **Website:**https://dadajilifescience.com/
Signatures	
Atmiya University **(Dr. D. D. Vyas)** **Registrar**	**Dadaji Life Science Private Limited** **(Mr. Dev Pandya)** **Director**
Witnessed by Mr. Falgun Dhabaliya Head of Department, School of Pharmaceutical Sciences (FOHS), Atmiya University, Rajkot, Gujarat, India	**Witnessed by** Mr. Bharat Goti Head of Department Rajkot, Gujarat, India

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Rajkot

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NEWS

SUMMARY REPORT

Guest Talk-"*Advancing Menstrual Literacy for Women's Empowerment*"

Date – 06/03/2024

Patron – P.P. Tyagvallabh Swamiji (President, Atmiya University)

Chief Convener – Dr.Sheetal Tank, Coordinator of WEC

Coordinator –Dr.Samixa Patel, Associate Professor

Coordinator–Dr.Mital Manvar, Associate Professor

Dr. Shweta Bhatt, Assistant Professor

Organizer – Jointly Organized by Jagrta – WEC and Faculty of health Sciences

No. of Participants – 203

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NEWS

Guest Talk -"*Advancing Menstrual Literacy for Women's Empowerment"*

Title of Guest Talk	:	**"Advancing Menstrual Literacy "**
Name of Expert	:	**Dr. Mrs. Shradha Dev Pandya, Director, DAJI Organics Limited**
Date	:	06/03/2024
Venue	:	Auditorium 1
Total Participants	:	203
Details of Participants	:	Female Faculty and Students
Coordinator of the event:	:	Dr. Samixa Patel, Associate Professor, Dr.Mital Manvar, Associate Professor, Dr. Shweta Bhatt, Assistant Professor

- Women Empowerment Cell Organizeded Guest Talk on "Advancing Menstrual Literacy for Women's Empowerment "on 6th March2024. The forum has arranged discussions on the menstrual cycle for students and faculty to promote awareness, and education on an important aspect of reproductive health.
- The event commenced with the serene practice of Om Chanting, followed by a welcoming address. Guests were honored with books and provided with a concise introduction as part of the reception protocol.
- The Guest speaker was Mrs. Shradha Dev Pandya from Pagbhar Organizations. She gave a presentation explaining menstrual problems, blood colors during the cycle and its effects, and the varieties of sanitary pads in the market. She gave great emphasis on the harmful effects of sanitary pads in the market. She also elaborated on the deleterious effects of phthalates and VOC on the body and reproductive parts. Finally, she introduced their product 'PAGBHAR PADS". They sell pads with Organic cotton surface, perfume-free, plastic-free, and belching-free process which not only gives care, but a perfect health assistant for menstrual and vaginal health. With the Nobel prize-winning grapheme chip, Pagbhar provides women with what they need.
- The pads are disposable which is 40% biodegradable to the environment and 100% suitable for any woman. They also shared the scheme offered by their organization. They give a stipend to the member who joins their team and give an opportunity to earn.
- The anchor of the whole program was Ms. Rachana Joshi. The event ended with a vote of thanks given by Dr. Samixa Patel.

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NEWS

PHOTOGALLERY

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NEWS

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Report Prepared by: Dr. Shweta Bhatt

Dean
School of Pharmaceutical sciences

Registrar
Atmiya University
Rajkot

Atmiya University Rajkot

INDUSTRIAL VISIT AT DADAJI LIFE SCIENCE PVT. LTD.

SUMMARY REPORT

INDUSTRIAL VISIT AT DADAJI LIFE SCIENCE PVT. LTD.

Date – 15/02/2024

Patron – P.P. Tyagvallabh Swamiji, President, Atmiya University

Chief Convenor – Dr. H. M. Tank, Dean

Convener – Mr. Falgun Dhabaliya, HoD

Coordinators - Dr. Mital Manvar, Dr. Samixa Patel, Associate Professors

Ms. Kelsi Chhatral, Ms. Shikha Thakur, Assistant Professors

Organizer – School of Pharmaceutical Sciences

Faculty of Health Sciences, Atmiya University

No. of Participants – 43

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INDUSTRIAL VISIT AT DADAJI LIFE SCIENCE PVT. LTD.

Objective of the visit:

An industrial visit offers students a valuable chance to gain firsthand understanding of the pharmaceutical industry's design, structure, and internal workings. It provides practical insights that go beyond classroom lectures, highlighting the significance of quality assurance and good manufacturing practices in pharmaceutical processes. Through such visits, students become acquainted with various operations like size reduction, mixing, granulation, drying, compression, and capsule filling, as well as gain insights into essential packaging techniques for different dosage forms.

Semester: 6th Sem. B. Pharm. **No. of Students:** 39

Name of faculties coordinate visit: Asso. Prof. Dr. Mital Manvar
Asso. Prof. Dr. Samixa Patel
Asst. Prof. Ms. Kelsi Chhatral
Asst. Prof. Ms. Shikha Thakur

Places visited:

1) **Name of Industry:** Dadaji Life Sciences Pvt. Ltd.,
Survey No : 480, Plot No. 36,37,38 Rachna Industrial Zone, Padavala,
Near Kotda Sangani, Rajkot, Gujarat 360024.

2) **Date of visit:** 15/02/2024 (Thursday) **Time of visit**: 10:00 A.M.

3) **Officials contacted:** Mr. Dev Pandya, Managing Director, Dadaji Life Sciences Pvt. Ltd..
Mr. Jignesh Pandya, Director, Dadaji Life Sciences Pvt. Ltd.

Description:

On February 15th, 2024, the journey commenced at 9:00 am, with arrival at Dadaji Life Sciences Pvt. Ltd. in Padavala, Rajkot, by 10:00 am. We met to Mr. Jignesh Pandya (Director) and Mrs. Vishali madam (Marketing manager) who welcomed us. Dadaji Life Sciences Pvt. Ltd. incorporated in India on 27 May 2022.

The visit commenced with the director and marketing manager engaging in discussions with the 6th-semester B.Pharm. students, shedding light on the company's history, vision, formulations, marketing strategies, among other topics. Following this, the heads of the manufacturing and QA departments were introduced to the students. Subsequently, we were led by the head of the QA department to tour various departments within the company.

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Rajkot

INDUSTRIAL VISIT AT DADAJI LIFE SCIENCE PVT. LTD.

Department visited:

- Raw Material Area
- Quality Control Department
- Quality Assurance Department
- Manufacturing Area
- Primary Packaging Area
- Finished Product Department
- Warehouse facility

Technical information collected in brief:

- ***Raw material area:***

The industrial visit commenced at the raw material area, where students were acquainted with diverse procurement techniques and the documentation necessities in accordance with GMP guidelines. Additionally, students gained insight into the flow of raw materials to the QA and QC departments before reaching the production area.

- ***Quality control Department:***

During the visit, students observed the quality control testing procedures for both raw materials and finished products, utilizing a range of analytical instruments such as UV-visible spectrophotometers, HPLCs, pH meters, and more. Furthermore, students were educated on sampling methods as part of the quality control process.

- ***Quality Assurance Department:***

The students visited the Quality Assurance Department specifically focused on tablets and capsules..

- ***Manufacturing* area*:***

Students have seen working of various instruments such as double cone blender, sigma blade mixer, coating pan, granulator, rotary machine, capsule making machine, etc.

- **Primary Packaging area:**

In the packaging area, students observed the operation of various packaging equipment including labeling machines and laser printing machines.

- **Finished Product Department**

Students have learned documentation of finished products with other requirements at time of dispatch.

- **Warehouse facility**

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INDUSTRIAL VISIT AT DADAJI LIFE SCIENCE PVT. LTD.

Students had the chance to observe and comprehend the functioning and layout of the warehouse within the pharmaceutical company.

List of products:

- Tablets (more than 30)
- Capsules (more than 10)

List of Sixth Sem. B. Pharm. students visited to Dadaji Life Sciences Pvt. Ltd.

Sr. No.	Name of Students	Sr. No.	Name of Students
1	Dangariya Vidhi	21	Patel Tirth Radheshyam
2	Akabari Darshan	22	Patel Twinkalben Sampatbhai
3	Amrutiya Jankiben	23	Pethapara Bhavyakumar
4	Bhanderi Rutvi	24	Raiyani Pinak Ashokbhai
5	Dholariya Vaibhav	25	Ramani Meet Bhaveshbhai
6	Jadeja Harshviba	26	Sangani Sujal Sureshbhai
7	Jadeja Mahipalsinh	27	Shekhaliya Keyur Pravinbhai
8	Jadeja Yagnarajsinh	28	Shigadiya Ronak Shantilal
9	Kangad Mahek	29	Sidapara Shruti Bhaveshbhai
10	Kapuriya Dhruviben	30	Sinha Partha Prateem
11	Karmur Jayesh	31	Sojitra Harshit Hareshbhai
12	Kasundra Yash	32	Solanki Tushar Tulsibhai
13	Kavar Shivani	33	Sorathiya Ayushi Dhirubhai
14	Madani Dhruv Bhailal	34	Sorathiya Bhumi Pravinbhai
15	Marvaniya Happy	35	Sudani Dhruvil Bhaveshbhai
16	Nakum Mehul Karubhai	36	Thumar Deepkumar
17	Nathwani Niyati	37	Tilva Dhruvi Sudhirbhai
18	Padia Parthiv Bharatbhai	38	Trambadiya Arjun
19	Pan Manshiben	39	Vadaliya Harshilkumar
20	Parmar Deep Rajeshbhai		

PHOTO GALLERY

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INDUSTRIAL VISIT AT DADAJI LIFE SCIENCE PVT. LTD.

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INDUSTRIAL VISIT AT DADAJI LIFE SCIENCE PVT. LTD.

Report Prepared by: Dr. Mital Manvar

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Atmiya University
Rajkot

Atmiya University Rajkot

MEMORANDUM OF UNDERSTANDING

for

Academia & Industry Collaborations

Between

ATMIYA UNIVERSITY
(Established under the Gujarat Private University Act 11, 2018)
Yogidham Gurukul, Kalawad Road, Rajkot - 360005, Gujarat (INDIA)

and

RENOVA LIFESCIENCES

At Atmiya University-Rajkot, Gujarat - INDIA

Registrar
Atmiya University
Rajkot

Atmiya University Rajkot

Memorandum of Understanding

For

Academia & Industry Collaborations

Between

ATMIYA UNIVERSITY

and

RENOVA LIFESCIENCES PRIVATE LIMITED

This Memorandum of Understanding was entered on **03/03/2023** between **Atmiya University (AU)** and **Renova Lifesciences Private Limited at Atmiya University-Rajkot, Gujarat - INDIA**

ATMIYA UNIVERSITY, an educational institute constituted under Yogi Divine Society of Sarvoday Kelvani Samaj being registration no F-28(Rajkot) under the Mumbai Trust Act 1950, having an address at "Yogidham Gurukul" Kalawad Road, Rajkot, Gujarat-360005.

AND

Renova Lifesciences Private Limited (CIN: U24233GJ2010PTC063421) company incorporated under the laws of India, having its registered office located at 5/36/37, R. K. Industrial Park, opp. Bharat Benz showroom, off, national highway 8-B, Rampara beti, Gujarat 360023

Atmiya University and Renova Life Sciences Private Limited are also referred to herein individually as "Party" and collectively be referred to as "Parties"

I) PREAMBLE

Atmiya University (AU)
AU, established on 13th April 2018, under the Gujarat Private Act 2018, Gujarat, India emphasizes training young minds in consonance with the doctrine of

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Atmiya University
Rajkot

higher education and human values. AU aims to spread eternal happiness and to create a pleased society in letter and spirit.

The motto सुहृदंसर्व भूतानां (*Suhardam Sarva Bhootanam*) is an expression of willingness to attain harmony with each creation of the Almighty. His Divine Holiness Hariprasad Swamiji Maharaj, the spiritual successor of Lord Swaminarayan is the inspirer of Atmiya University. With the blessing, P. P. Tyagvallabh Swamiji has envisioned Atmiya University to be a global leader in showing the path to enshrine Universal Human Value into every domain of education, in the pursuit of transformative outcomes of education for living life to the fullest.

The AU well-renowned Center for Education, Internalization, Innovation, Entrepreneurship & Research. AU has been a well-established educational institute and has a reputation for high academic standards. AU has currently six faculties namely Faculty of Engineering & Technology, Faculty of Health Sciences, Faculty of Sciences, Faculty of Business & Commerce, Faculty of Humanities & Social Science, and Faculty of transformative education.

Renova Lifesciences Private Limited

Renova lifescience private limited started in 2005. Today, Renova lifescience private limited's products are sold in over 28 countries across 5 continents. Renova serves multiple therapeutic segments including Ophthalmology, Dermatology, Nasal & Respiratory, and Cosmeceuticals. Renova manufacturing facility is spread across a land area of 2.25 acres.

Renova aims for sustainable growth and makes sure Renova's growth is in tandem with our responsibility towards the world around us. Renova has a history of over four decades, Renova is entrepreneurial in spirit. Renova works with agility, thrives on curiosity, and eagerly rises to challenges.

II) PURPOSE & SCOPE

The purpose of the MoU is to establish robust academic, research & outreach collaboration for the mutual benefit and the benefit of society at large. The MoU will help to combine the respective capabilities for the development of both organizations. Specific areas of cooperation that both the Parties shall seek, based on mutual consent may include, but are not limited to, the following:

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Atmiya University
Rajkot

RENOVA LIFESCIENCES PRIVATE LIMITED RAJKOT

Atmiya University Rajkot

A: Renova Lifesciences Private Limited will

1. Facilitate Industrial visit to students of AU
2. Facilitate Industrial Training Program for students and staff members of AU
3. Provide students and faculty members an opportunity to work on research projects.
4. Facilitate knowledge sharing through expert lectures and other activities at AU.

B: AU will

1. Design and deliver short-term programs for employees of Renova in the areas of Chetna Vikas Mulya Siksha, Sustainable development and Life skills.
2. Collaborate in research, innovation, and outreach activities with Renova Lifesciences Private Limited.

C: Both the Parties will jointly

1. The parties wish to collaborate in research, knowledge sharing, and exchange of information in conjunction with each other initially focusing on the round carrier development of students.
2. Work towards complementing each other's capabilities through the sharing of knowledge resources and physical resources for the mutually agreed activities.
3. Participate in joint research projects/proposals on mutually agreed terms.
4. Organizing various events aiming for societal impact in community engagement.

Outcomes of shared knowledge and intellectual deliberations (like research, innovation, or other data) may be disseminated and claimed jointly. Financial liabilities, if involved, in any of the activities shall be mutually discussed and agreed upon prior.

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Rajkot

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Scopes of MOU

1. To develop the course curriculum to meet the industry expectations and standards and educate the student in such a way that increases job opportunities
2. Renova will provide structured interaction to the selected students through its various training programs to bridge the gap between academic and professional life for the final and pre-final year students of the University.
3. Renova will assess students based on selection criteria and the institute will extend all support for conducting the screening process at the venue of AU or Renova.
4. Both parties will provide support and research facilities as well as grants or research fellowships to the desired and capable candidates.

III) Mechanisms to implement MoU

To implement this MoU the parties shall identify the common areas of interest from (but not restricted to) the above-mentioned scope of the work and develop a plan of joint activities. After joint consideration of proposals for each of the above areas of cooperation, the parties shall agree and approve plans for joint activities.

After signing the MoU, parties shall ensure that the collaboration remains active, and the activities defined in the above clauses shall be implemented soon.

After the execution of each activity, the parties shall share the details of activities conducted in the form of a brief report to each other for record purposes.

IV) Commercial

This initial MoU does not imply any financial or legal liabilities on parties. In case of any future activities, having financial implications, a separate agreement shall be signed between the party as an extension of this MoU with the required terms and information.

V) Tenure and validity of the MoU

The present Agreement is in effect and enters into legal force on the date of its signing. The Agreement is valid for five (5) years after the date of signing. This agreement can be terminated by parties with a notice period of 1 month with a valid reason. In the event of a decision to terminate this Agreement, its provisions

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shall remain in legal force for the ongoing projects and programs under this agreement until fully completed.

VI) Confidentiality

It is hereby agreed that neither party shall furnish to the third party such confidential information, which includes but is not limited to the operation, publicity, profits, financial affairs, present or plans or policies of either party, or any other sensitive information without the consent of the other party.

Any information on data, drawings, or design that comes across by the institute or its representatives during the interaction shall be maintained confidential.

AU or Renova carries out research projects in their areas has to give a separate undertaking stating that they will abide by all the conditions of this MoU and shall maintain this confidentiality. If any unforeseen eventually, the individual shall be responsible and not AU / Renova.

VII) Arbitration

In the event of any controversy or claim arising out of or relating to this agreement, or a breach thereof, the parties hereto shall first attempt to settle the dispute by conciliation. If a settlement is not reached within sixty days after the service of a written demand for conciliation, any unresolved controversy or claim shall be settled by arbitration as per the provision of The Arbitration and Conciliation Act, 1996. The number of arbitrators shall be one as mutually decided by both the parties.

VIII) Final provisions

This Agreement is not exclusive and shall not restrict the Parties to sign similar or any other agreements or contracts with third parties. This Agreement is made in two equals in English and for each party; All agreement copies are of equal legal force and take effect on the day of signing.

The joint Advisory committee consisting of two members each from AU and Renova shall be nominated by the respective management. The advisory committee shall meet at least two times a year to monitor the progress as well as the actual application of mutually agreed projects and progress.

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IX) Renewal, Review, Termination and Amendment of the Agreement

1. The MoU is signed by official representatives of both parties and each party will receive a copy of it.
2. It will be effective from the date of signature for five years. Thereafter, it shall be automatically extended for an additional period of three years at each expiration date unless either party provides written notice to terminate the agreement.
3. Both parties will be responsible for conducting periodic reviews.
4. Neither party may assign, delegate, or otherwise transfer any of this right or obligations under this MOU without the prior written consent of the other party
5. This MoU shall be governed by constructed and interpreted under the laws of India.
6. Items not covered under the agreement may be raised and negotiated separately by both parties without abrogating this agreement. Amendments or changes shall be made in writing and signed by the duly authorized representatives of the parties.
7. In case of any misunderstanding, all issues are to be discussed across the table and resolved amicably.
8. The parties shall not make any public or press announcements on the Internet or any disclosure of any nature whatsoever to any person concerning this MoU without the prior permission of the other party
9. Any modification to this MoU will only be valid if mutually agreed upon between the parties and executed in a written document duly signed by authorized representatives of each party. Modification shall be effective from the date on which they are executed
10. Neither Party shall assign or transfer all or any of its rights, benefits, or obligations under the MOU without obtaining the other Party's prior written approval.
11. This MOU may be executed in two or more counterparts or duplicates, each of which, when executed and delivered, is an original, but all the counterparts/duplicates taken together shall constitute one document.

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Rajkot

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X) Communication and Coordination

Each party will designate an individual, who will be the **liaison officer/ SPOC** (Single Point of Contact), to coordinate the activities and all endeavours under the scope of this MoU. The SPOC members currently appointed are-

a) **From AU:**
Name: Bhakti Ladva
Designation: Associate Professor
Contact: +91 9426866266
Email: bhakti.ladva@atmiyauni.ac.in

b) **From Renova Lifesciences Private Limited:**
Name: Mr. Ankit Sheth
Designation: Director
Contact: +91 9925514373
Email: ankit@renovalifescience.com

Either party may change its designated liaison officer/ SPOC by written notification to the designated liaison officer/ SPOC of the other party. The officers will inform each other of the delegation of duties within the respective institutions/organization staff for the implementation of programs routine communication and processing of enrolments and activities.

Atmiya University Rajkot

RENOVA LIFESCIENCES PRIVATE LIMITED RAJKOT

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Rajkot

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Addresses and identification of the Parties

Atmiya University (AU) **Physical Address** Yogidham Gurukul, Kalawad Road, Dist-Rajkot – 360005 Gujarat, INDIA **Phone:** 0281 – 2563445 **Email:** registrar@atmiyauni.ac.in **Website:** www.atmiyauni.ac.in	**Renova Lifesciences Private Limited** **Physical Address** Plot No : 35/36/37, R. K. Industrial Par Phase -, Opp Bharat Benz Showroom, Off. Rajkot-Ahmedabad N..8-B, Rampara - 360 023, Dist - Rajkot, Gujarat - INDIA. **Phone:** +91 7202048284 **Email:** info@renovalifescience.com **Website:** www.renova lifesciences.com
Signatures	
Atmiya University **(Dr. D. D. Vyas)** **Registrar**	**Renova Lifesciences Private Limited** **(Mr. Ankit Sheth)** **Director**
Witnessed by Mr. Falgun Dhabaliya Head of Department, School of Pharmaceutical Sciences (FOHS), Atmiya University, Rajkot, Gujarat, India	**Witnessed by** Mr. Ashish Dudhatra Rajkot, Gujarat, India

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RENOVA LIFESCIENCES PRIVATE LIMITED RAJKOT

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Atmiya University
Rajkot

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RENOVA LIFESCIENCES PRIVATE LIMITED
Survey No : 54/1, Plot No : 35 / 36 / 37, R. K. Industrial Park Phase - I,
Opp. Bharat Benz Showroom, Off. Rajkot Ahmedabad N. H. 8-B,
Rampara - 360 023. Dist : Rajkot. Gujarat - India.

RENOVA LIFESCIENCES

Date : 14/06/2023

Training Certificate

This is to certify that Ms. Savaliya Sonali Maheshbhai, studying in School of Pharmacy, Atmiya University, Rajkot (B. Pharm : 2020-2024) has successfully completed Industrial Training in our organization between 11th May 2023 to 14th June 2023 for total period of 34 days more than 200 hours for the fulfillment of B. Pharm degree and Pharmacist license requirement as prescribed by Pharmacy Council of India. She has completed her training in the following department :

01. Quality Assurance

During this period her performance and attitude was found to be satisfactory.

We wish her all the best for a bright future.

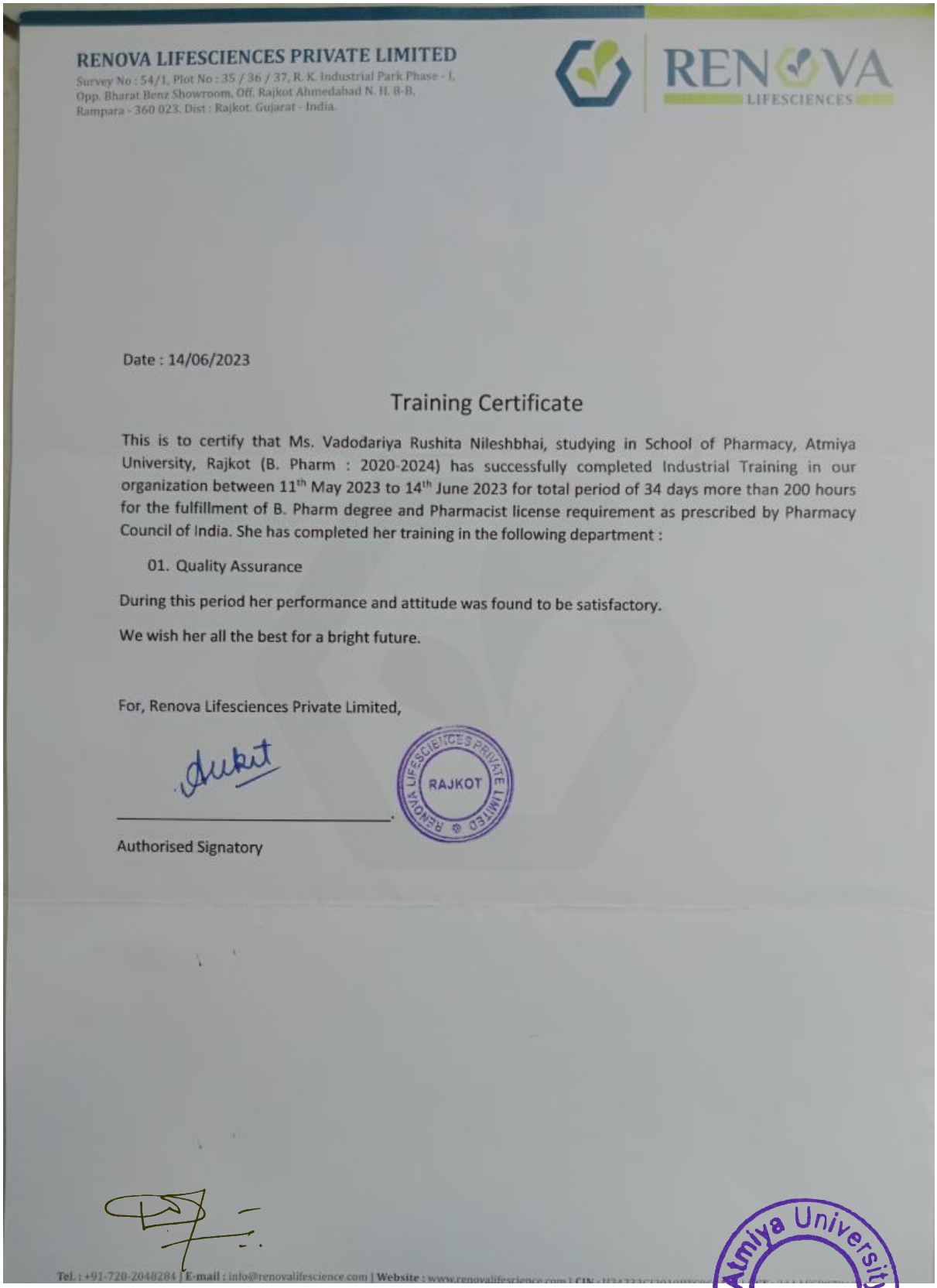
For, Renova Lifesciences Private Limited,

RAJKOT

Authorised Signatory

Registrar
Atmiya University
Rajkot

Atmiya University Rajkot



RENOVA LIFESCIENCES PRIVATE LIMITED
Survey No : 54/1, Plot No : 35 / 36 / 37, R. K. Industrial Park Phase - I,
Opp. Bharat Benz Showroom, Off. Rajkot Ahmedabad N. H. 8-B,
Rampara - 360 023. Dist : Rajkot. Gujarat - India.

RENOVA LIFESCIENCES

Date : 14/06/2023

Training Certificate

This is to certify that Ms. Vadodariya Rushita Nileshbhai, studying in School of Pharmacy, Atmiya University, Rajkot (B. Pharm : 2020-2024) has successfully completed Industrial Training in our organization between 11th May 2023 to 14th June 2023 for total period of 34 days more than 200 hours for the fulfillment of B. Pharm degree and Pharmacist license requirement as prescribed by Pharmacy Council of India. She has completed her training in the following department :

01. Quality Assurance

During this period her performance and attitude was found to be satisfactory.

We wish her all the best for a bright future.

For, Renova Lifesciences Private Limited,

RENOVA LIFESCIENCES PRIVATE LIMITED RAJKOT

Authorised Signatory

Tel. : +91-720-2048284 | E-mail : info@renovalifescience.com | Website : www.renovalifescience.com | CIN :

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Atmiya University Rajkot

INDUSTRIAL VISIT AT RE NOVA LIFE SCIENCES PRIVATE LIMITED

ATMIYA UNIVERSITY
सुहृदं सर्वभूतानाम्

SUMMARY REPORT

INDUSTRIAL VISIT AT RE NOVA LIFE SCIENCES PVT. LTD.

Date – 25/03/2023

Patron – Param Pujya Tyagvallabh Swamiji, Secretary, Sarvoday Kelavani Samaj

Chief Convenor – Dr. H. M. Tank, Dean

Convener – Mr. Falgun Dhabaliya, Assistant Professor, HoD

Coordinators - Dr. Mital Manvar (Associate Professor),

Dr. Samixa Patel (Associate Professor),

Ms. Rachna Joshi (Assistant Professor)

Organizer – School of Pharmaceutical Sciences

Faculty of Health Sciences, Atmiya University

No. of Participants – 48

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Rajkot

Atmiya University Rajkot

INDUSTRIAL VISIT AT RE NOVA LIFE SCIENCES PRIVATE LIMITED

Objective of the visit:

The practical aspects of the educational course which cannot be visualized in lectures so we arranged industrial visit for students to give them better understanding regarding the concepts learned in the theory. Industrial visit gives students an opportunity to get insight regarding the design, layout, internal working environment of pharmaceutical industry. It also familiarized the students with the importance of quality assurance and good manufacturing practice in pharmaceutical operations, to explore various regulatory guidelines and understand the important packaging techniques used for different dosage forms.

Semester: 8th Sem. B. Pharm. **No. of Students:** 44

Name of faculties coordinate visit: Associate Prof. Dr. Mital Manvar
Associate Prof. Dr. Samixa Patel
Assistant Prof. Ms. Rachna Joshi
Assistant Prof. Mr. Falgun Dhabaliya

Places visited:

1) **Name of Industry:** Re Nova Life Sciences Pvt. Ltd.,
35/36/37, R. K. Industrial Park, Phase-1, Opp. Bharat Benz Showroom,
Rajkot-Ahmedabad N. H. 8-B, Rampara, Rajkot, Gujarat, India.

2) **Date of visit:** 25/03/2023 **Time of visit**: 09:30 A.M.

3) **Officials contacted:** Mr. Darshit Sheth, Managing Director, Re Nova Life Sciences Pvt. Ltd.
Mr. Ankit Sheth, Managing Director, Re Nova Life Sciences Pvt. Ltd.

ON 25th March 2023:

Started journey at 8:30 am and reached at Re Nova Life Sciences Pvt. Ltd., Rampara, Rajkot at 09:30 am. We met to Mr. Darshit Sheth (Managing Director) and Mr. Ankit Sheth (Managing Director) who welcomed us. Re Nova Life Sciences Pvt. Ltd., Rampara, Rajkot was established by them in 2018.

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Rajkot

Atmiya University
Rajkot

INDUSTRIAL VISIT AT RE NOVA LIFE SCIENCES PRIVATE LIMITED

The visit started with interaction of the managing director Mr. Darshit Sheth with the students of 8th Sem. B. Pharm. regarding history of the company, vision of the company, formulations prepared by the company, marketing policies, etc. He was introduced heads of his manufacturing and Q.A. department. Then after, we followed the path of Ms. Maitri and Ms. Snehal to visit different departments of the company.

Department visited:

- Raw Material Area
- Quality Control Department
- Quality Assurance Department
- Manufacturing Area
- Primary Packaging Area
- Finished Product Department
- Warehouse

Technical information collected in brief:

- ***Raw material area:***

The visit was started with raw material area where students aware with various techniques for the procurements of goods and documentation requirements according to GMP guidelines and other regulatory guidelines. Students also learned the flow of raw materials to Q.A. and Q.C. department and finally to the production area.

- ***Quality control Department:***

Students have seen different areas such as solvent store room, apparatus store, instrument room, balance room. Students also visualized the quality control testing of raw materials as well as finished products using various analytical instruments like UV visible spectrophotometer, HPLC, pH meter, leak test, etc. Students also learn the method of sampling.

- ***Quality Assurance Department:***

Students have seen microbiology laboratory to determine microbial contamination in the ointment.

- ***Manufacturing* area*:***

Students have seen working arrangements in manufacturing area. Also observed various instruments used in preparation of ophthalmic preparation such as ointment, eye drops, etc.

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Rajkot

Atmiya University Rajkot

INDUSTRIAL VISIT AT RE NOVA LIFE SCIENCES PRIVATE LIMITED

- **Primary Packaging area:**

In packaging area, students have seen working of packing equipments, labeling machines, laser printing machine.

- **Finished Product Department**

Students have learned documentation of finished products with other requirements at time of dispatch.

- ***Warehouse:***

The visit was ended with visiting the warehouse facilities. Students learned how to convert raw water into the DM water. HAPA filters working also visualized by them.

List of products:

- Ophthalmic preparations
- Dermatological preparations
- Neutraceuticals
- Cosmeceuticals
- Orals
- Injectables

List of Eighth Sem. B. Pharm. students visited to Re Nova Life Sciences Pvt. Ltd., Rajkot.

Sr. No.	Name of Students	Sr. No.	Name of Students
1	Aghera Radhika	23	Lunagariya Yash Sanjaybhai
2	Ajani Janvi Mukeshbhai	24	Moliya Isha Jayendrabhai
3	Amipara Shruti	25	Noghanvadra Rishi Rajubhai
4	Bhanderi Chandreshkumar	26	Pachani Sachin Chandulal
5	Bhatt Ayushi Haresh	27	Pambhar Smit Dharmeshbhai
6	Bhayani Meet Nimesh	28	Pandit Nikhilkumar Vipulbhai
7	Bhimajiyani Dishant	29	Patel Harikrushn
8	Boda Mahek Lalit	30	Patel Parth Ashokbhai
9	Bopaliya Abhishek	31	Pethani Vatsal Ramnikbhai
10	Dabhi Jignasha Dilipbhai	32	Rabadiya Yogesh Navin
11	Donga Avani Hareshbhai	33	Rupala Savan Pravinbhai
12	Dori Bansari Ashokbhai	34	Sakariya Krisha Manojbhai
13	Doshi Rakshita	35	Sakhiya Navdeep

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Rajkot

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INDUSTRIAL VISIT AT RE NOVA LIFE SCIENCES PRIVATE LIMITED

14	Gauswami Vijaygiri	**36**	Sapovadiya Upalben Vipulbhai
15	Godhani Vinit Jivrajbhai	**37**	Savaniya Bhargav Ashwinbhai
16	Kacha Mahir	**38**	Shekhaliya Rutvi Pravinbhai
17	Kacha Meet Chetanbhai	**39**	Solanki Shruti Virambhai
18	Kachhadiya Poorva	**40**	Sonbanshi Siddharthsingh
19	Kalariya Janvi Kantilal	**41**	Sorathiya Sahil Bhupatbhai
20	Kambariya Ashvin	**42**	Vyas Shreya Hareshbhai
21	Khanpara Nihir	**43**	Zala Piyush J.
22	Lalani Virkant Rajnikant	**44**	Rank Khushi B.

PHOTO GALLERY

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INDUSTRIAL VISIT AT RE NOVA LIFE SCIENCES PRIVATE LIMITED

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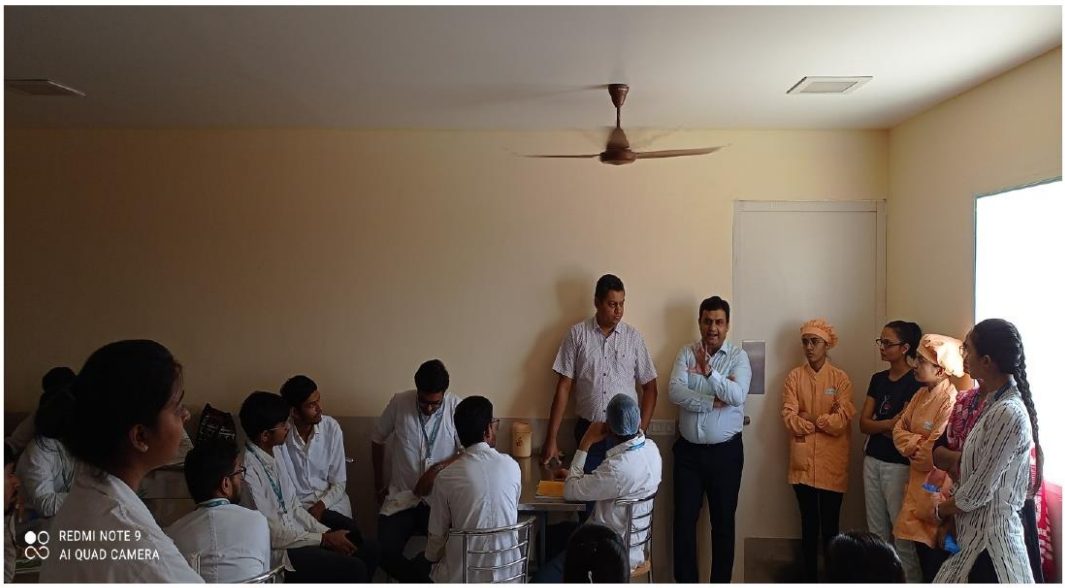
INDUSTRIAL VISIT AT RE NOVA LIFE SCIENCES PRIVATE LIMITED



Registrar
Atmiya University
Rajkot

Atmiya University Rajkot

INDUSTRIAL VISIT AT RE NOVA LIFE SCIENCES PRIVATE LIMITED

Report Prepared by: Dr. Mital Manvar

Dean
School of Pharmaceutical sciences

Registrar
Atmiya University
Rajkot

Atmiya University Rajkot

School of Pharmaceutical Sciences,

Atmiya University,

Organizes

Industrial Visit

at

ReNova LifeSciences

For

B.Pharm and M.Pharm Students

Embark on an enlightening journey as we delve into the heart of industry! Discover firsthand the dynamic synergy between theory and practice as we explore cutting-edge innovation and real-world applications. Join us for an immersive industrial visit like no other!

March 1, 2024 at 9:00 am

Registrar
Atmiya University
Rajkot

Atmiya University Rajkot

ATMIYA UNIVERSITY
(Established under the Gujarat Private University Act 11, 2018)
Yogidham Gurukul, Kalawad Road, Rajkot - 360005, Gujarat (INDIA)

Faculty of Health Sciences

School of Pharmaceutical Sciences

NOTICE

No. AU/FoHS/SoPS/2024/FV03 Date: 26/02/2024

This is to inform that an **Industrial Visit** at ReNova Life Sciences for students of **8th Semester B.Pharm and 4th Semester M.Pharm**. Program will be held on **1st March, 2024**. Students are instructed to attend the same.

Dr. H. M. Tank

Dean
School of Pharmaceutical Sciences
Atmiya University, Rajkot

Registrar
Atmiya University
Rajkot

Atmiya University Rajkot

ATMIYA UNIVERSITY

(Established under the Gujarat Private University Act 11, 2018)

"Yogidham Gurukul" Kalawad Road, Rajkot - 360005. (Gujarat)

TO NURTURE CREATIVE THINKERS AND LEADERS THROUGH TRANSFORMATIVE LEARNING

Industrial Visit

for students of 8th Semester B.Pharm. and 4th Senmester M.Pharm. Programmes

Organized by

School of Pharmaceutical Sciences, Atmiya University, Rajkot

Venue

ReNova Life Sciences, R.K.Industrial Park, Rajkot

+91 281 2563445 +91 281 2563952 admin@atmiyauni.ac.in www.atmiyauni.ac.in

Registrar
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Rajkot

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SUMMARY REPORT

Industrial Visit

Date: 1st March, 2024

Patron

Param Pujya Tyagvallabh Swamiji, President, Atmiya University

Chief Convener

Dr. Sheela Ramchandrean, Pro Chancellor

Dr. Shiv K. Tripathi, Vice Chancellor

Dr. Jayesh Deshkar, Pro Vice Chancellor

Convener

Dr. D. D. Vyas, Registrar

Dr. H. M. Tank, Associate Dean, SoPS

Coordinators

Dr. Parag Rabara, Associate Professor, SoPS, AU

Dr. Kevinkumar Garala, Associate Professor, SoPS, AU

Organizer

School of Pharmaceutical Sciences,

Atmiya University

No. of Participants

24 (B.Pharm.)

02 (M.Pharm.)

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Rajkot

Atmiya University Rajkot

Introduction

The recent industrial visit to ReNova Life Sciences, organized by the School of Pharmaceutical Sciences at Atmiya University Rajkot, proved to be a transformative experience for a total of 24 B.Pharm. and 2 M.Pharm. students. The visit offered an immersive opportunity for students to explore the inner workings of one of the leading pharmaceutical companies. Through guided facility tours, interactive sessions, and engaging discussions, participants gained firsthand insights into the intricacies of pharmaceutical manufacturing, quality control, and regulatory compliance. Additionally, they had the privilege of observing modern manufacturing practices and state-of-the-art equipment in action, enriching their understanding of industry standards and best practices. Overall, the visit served as a catalyst for enhancing participants' knowledge, skills, and industry readiness, equipping them for successful careers in the pharmaceutical sector.

Learning outcomes of Participants

- Enhanced understanding of pharmaceutical manufacturing processes.
- Increased awareness of quality control procedures in the pharmaceutical industry.
- Exposure to regulatory compliance standards in pharmaceutical production.
- Observation of modern manufacturing practices and advanced equipment.
- Acquisition of practical insights into the pharmaceutical sector.
- Strengthened knowledge and skills relevant to future careers in the industry.

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Rajkot

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Dr. Parag Rabara facilitating Mr. Sheth, MD, Renova Life Sciences

Dr. Kevinkumar Garala	Dr. Parag Rabara	Dr. H. M. Tank
Coordinator	Coordinator	Dean

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Atmiya University
Rajkot

Atmiya University Rajkot

ATMIYA UNIVERSITY

(Established under the Gujarat Private University Act 11, 2018)

Yogidham Gurukul, Kalawad Road, Rajkot - 360005, Gujarat (INDIA)

8th Semester B. Pharm. Students list

School of Pharmaceutical Sciences, Faculty of Health Sciences, Atmiya University

Bambhaniya Neha Jitubhai	Mangroliya Trushil Chaturbhai
Barasara Anuja Hasmukhbhai	Marakana Vatsalkumar Maheshbhai
Bhalodi Riya Avnishbhai	Mavani Vivek Ashokbhai
Bilakhiya Anas Razakbhai	Mehta Samruddhi Harshadbhai
Bodar Gopi Chandubhai	Moraniya Priyanshu Bharatbhai
Butani Nirali Sureshbhai	Nandaniya Krishna Bhayabhai
Chavda Yashraj Mahendrabhai	Padia Binal Ajaybhai
Chudasama Dhaval Shaileshbhai	Parmar Abhay Hiteshbhai
Daraniya Mansi Vinodbhai	Patodiya Abhi Ashwinbhai
Detroja Meetkumar Ashokbhai	Pipariya Poojaben Bharatbhai
Dhaduk Leesaben Vipulbhai	Pipariya Trusha Subhashbhai
Dhinoja Meet Mukeshbhai	Rabadiya Jay Dineshbhai
Dhruve Ishita Rajesh	Radadiya Shruti Pravinbhai
Gajera Smit Babubhai	Ramani Meet Maheshbhai
Goswami Mansi Vijaygiri	Ramani Vidhi Ashokbhai
Jivani Princy Nileshbhai	Rathod Hardik Hareshbhai
Kacha Hardik Ajitbhai	Raval Bhairvi Raghunandan
Kamani Prival Hirjibhai	Sakariya Rajvi Mansukhbhai
Kanani Smit Pragjibhai	Savaliya Sonali Maheshbhai
Kavar Nishith Hareshbhai	Shingala Jenisha Bhupatbhai
Lathiya Hiral Govindbhai	Trambadiya Yash Amrutbhai
Lunagariya Dev Satishbhai	Vadariya Mausamee Amrutbhai
Madhani Gargi Mansukhbhai	Vadodariya Rushita Nileshbhai
Makadia Jenil Jignesh	Vasoya Sujay Jitendrabhai
Malvania Om Kalpeshbhai	Zala Vishwas Prafulchandra
Manek Ektaben Vipulkumar	1 4th Sem. M.Pharm
	Mavadiya Reetu
	Mohammed Farhan

Registrar
Atmiya University
Rajkot

Atmiya University Rajkot

CERTIFICATE

Of Participation

This This is to certify that

Mangroliya Trushil, 8th Sem B.Pharm.

has successfully participated in the industrial visit organized by the School of Pharmaceutical Sciences, Atmiya University Rajkot, to

ReNova Life Sciences

on 1st March, 2024.

Awarded for active engagement and keen interest in pharmaceutical manufacturing insights.

01/03/2024
DATE

Dr. Parag Rabara
Coordinator

Dr. Kevinkumar Garala
Coordinator

CERTIFICATE

Of Participation

This This is to certify that

Mavadiya Reetu, 4th Sem M.Pharm.

has successfully participated in the industrial visit organized by the School of Pharmaceutical Sciences, Atmiya University Rajkot, to

ReNova Life Sciences

on 1st March, 2024.

Awarded for active engagement and keen interest in pharmaceutical manufacturing insights.

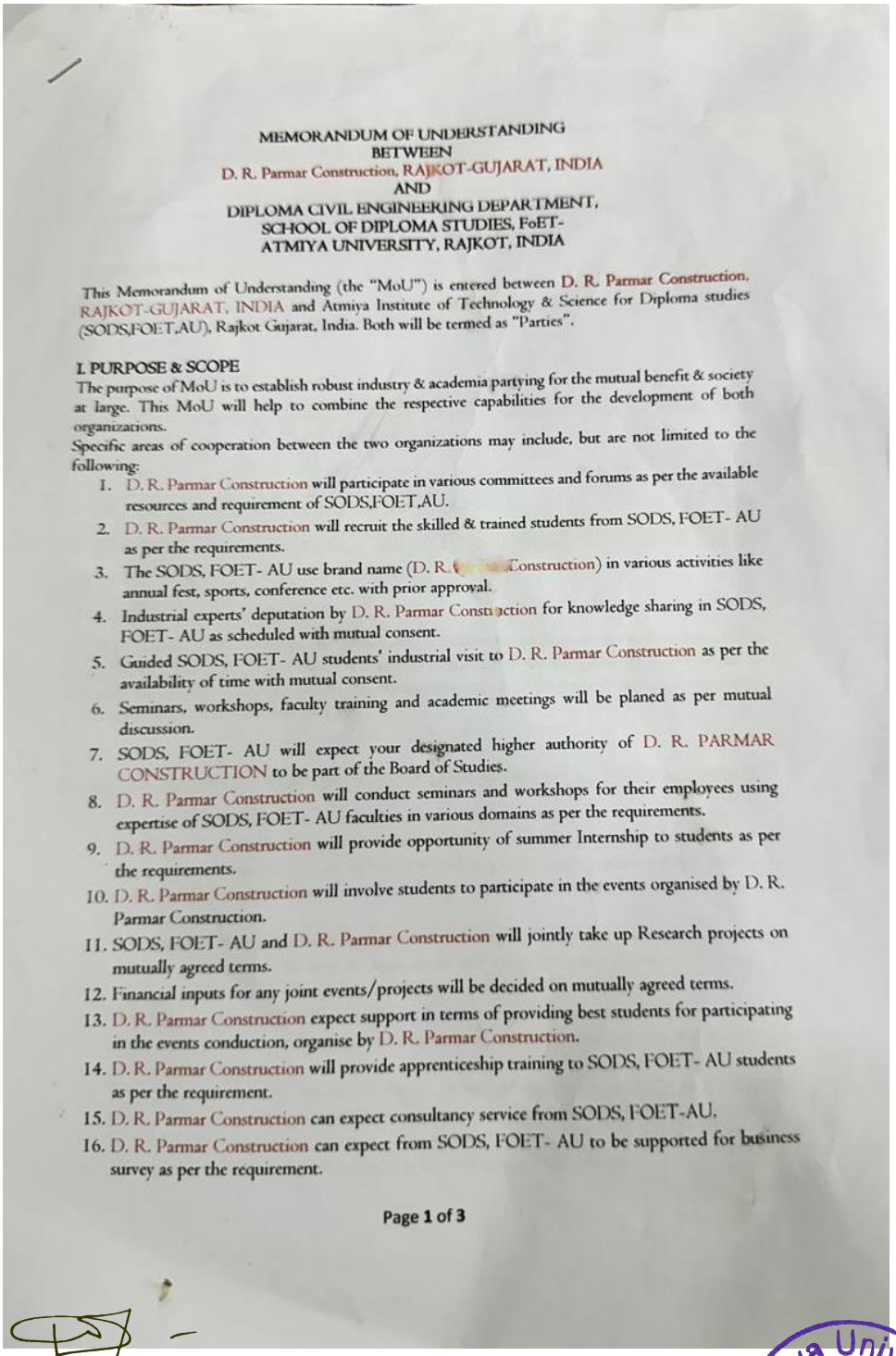
01/03/2024
DATE

Dr. Parag Rabara
Coordinator

Dr. Kevinkumar Garala
Coordinator

Registrar
Atmiya University
Rajkot

Atmiya University Rajkot



MEMORANDUM OF UNDERSTANDING
BETWEEN
D. R. Parmar Construction, RAJKOT-GUJARAT, INDIA
AND
DIPLOMA CIVIL ENGINEERING DEPARTMENT,
SCHOOL OF DIPLOMA STUDIES, FoET-
ATMIYA UNIVERSITY, RAJKOT, INDIA

This Memorandum of Understanding (the "MoU") is entered between D. R. Parmar Construction, RAJKOT-GUJARAT, INDIA and Atmiya Institute of Technology & Science for Diploma studies (SODS,FOET,AU), Rajkot Gujarat, India. Both will be termed as "Parties".

I. PURPOSE & SCOPE

The purpose of MoU is to establish robust industry & academia partying for the mutual benefit & society at large. This MoU will help to combine the respective capabilities for the development of both organizations.

Specific areas of cooperation between the two organizations may include, but are not limited to the following:

1. D. R. Parmar Construction will participate in various committees and forums as per the available resources and requirement of SODS,FOET,AU.
2. D. R. Parmar Construction will recruit the skilled & trained students from SODS, FOET- AU as per the requirements.
3. The SODS, FOET- AU use brand name (D. R. [illegible] Construction) in various activities like annual fest, sports, conference etc. with prior approval.
4. Industrial experts' deputation by D. R. Parmar Construction for knowledge sharing in SODS, FOET- AU as scheduled with mutual consent.
5. Guided SODS, FOET- AU students' industrial visit to D. R. Parmar Construction as per the availability of time with mutual consent.
6. Seminars, workshops, faculty training and academic meetings will be planed as per mutual discussion.
7. SODS, FOET- AU will expect your designated higher authority of D. R. PARMAR CONSTRUCTION to be part of the Board of Studies.
8. D. R. Parmar Construction will conduct seminars and workshops for their employees using expertise of SODS, FOET- AU faculties in various domains as per the requirements.
9. D. R. Parmar Construction will provide opportunity of summer Internship to students as per the requirements.
10. D. R. Parmar Construction will involve students to participate in the events organised by D. R. Parmar Construction.
11. SODS, FOET- AU and D. R. Parmar Construction will jointly take up Research projects on mutually agreed terms.
12. Financial inputs for any joint events/projects will be decided on mutually agreed terms.
13. D. R. Parmar Construction expect support in terms of providing best students for participating in the events conduction, organise by D. R. Parmar Construction.
14. D. R. Parmar Construction will provide apprenticeship training to SODS, FOET- AU students as per the requirement.
15. D. R. Parmar Construction can expect consultancy service from SODS, FOET-AU.
16. D. R. Parmar Construction can expect from SODS, FOET- AU to be supported for business survey as per the requirement.

Page 1 of 3

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Rajkot

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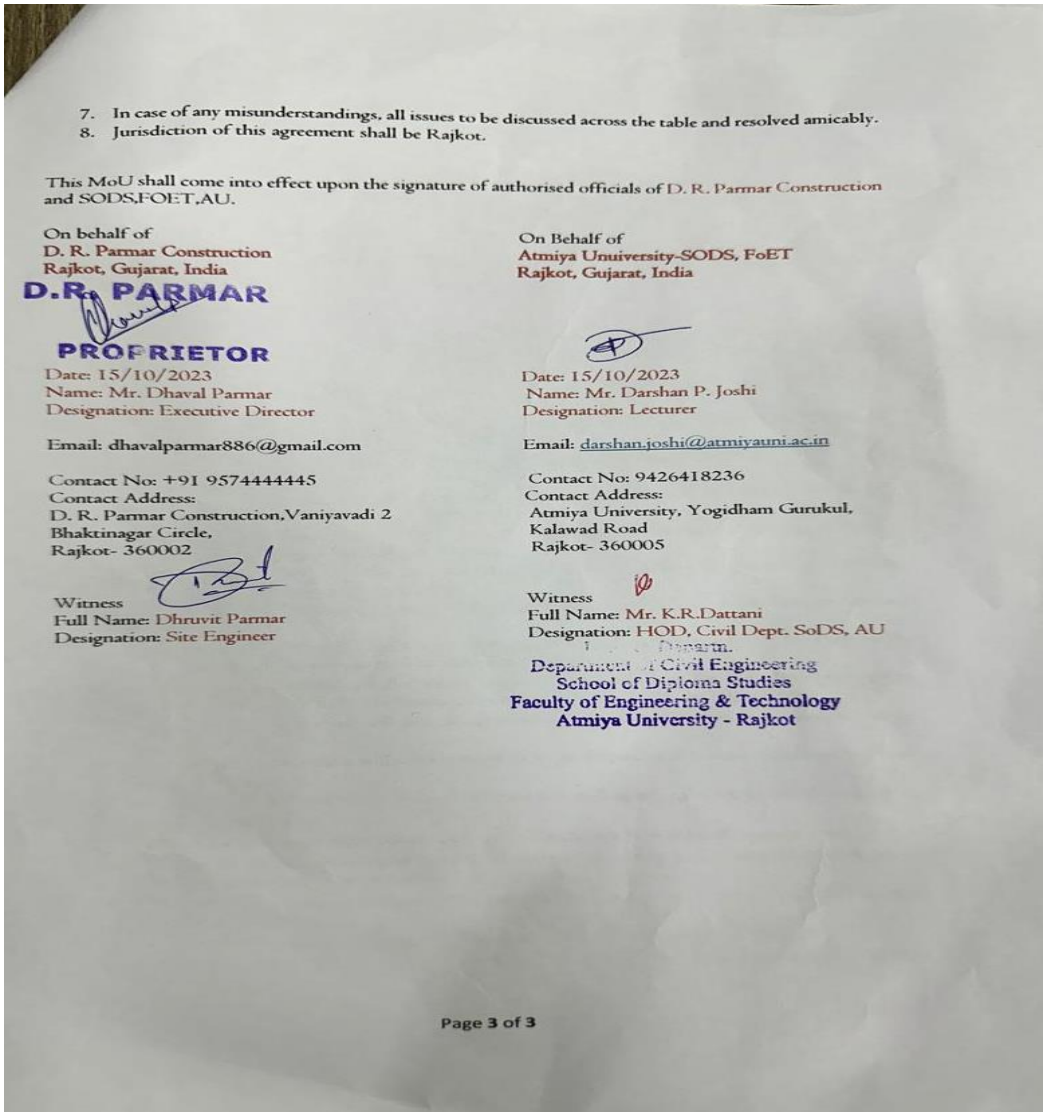

7. In case of any misunderstandings, all issues to be discussed across the table and resolved amicably.
8. Jurisdiction of this agreement shall be Rajkot.

This MoU shall come into effect upon the signature of authorised officials of D. R. Parmar Construction and SODS,FOET,AU.

On behalf of
D. R. Parmar Construction
Rajkot, Gujarat, India

D.R. PARMAR
PROPRIETOR

Date: 15/10/2023
Name: Mr. Dhaval Parmar
Designation: Executive Director

Email: dhavalparmar886@gmail.com

Contact No: +91 9574444445
Contact Address:
D. R. Parmar Construction,Vaniyavadi 2
Bhaktinagar Circle,
Rajkot- 360002

Witness
Full Name: Dhruvit Parmar
Designation: Site Engineer

On Behalf of
Atmiya Unuiversity-SODS, FoET
Rajkot, Gujarat, India

Date: 15/10/2023
Name: Mr. Darshan P. Joshi
Designation: Lecturer

Email: darshan.joshi@atmiyauni.ac.in

Contact No: 9426418236
Contact Address:
Atmiya University, Yogidham Gurukul,
Kalawad Road
Rajkot- 360005

Witness
Full Name: Mr. K.R.Dattani
Designation: HOD, Civil Dept. SoDS, AU

Department of Civil Engineering
School of Diploma Studies
Faculty of Engineering & Technology
Atmiya University - Rajkot

Page 3 of 3

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ATMIYA UNIVERSITY, RAJKOT

SCHOOL OF DIPLOMA STUDIES (SoDS)
DIPLOMA IN CIVIL ENGINEERING

"Construction Site"

Industrial Training
Diploma Civil Engineering , Semester–VI

Submitted by:
Dhruvit Parmar
(Enrollment. No -210101035)

Mr. Nayan Nandwana
(Lecturer)

Mr. Khemendra R. Dattani
(Head of the Department)

AcademicYear (2023-24)

Registrar
Atmiya University
Rajkot

Atmiya University Rajkot

ATMIYA UNIVERSITY

CERTIFICATE

This is to certify that the "**Industrial Training**" has been carried out by **DHRUVIT PARMAR** undermy guidance in partial fulfillment for the degree of Diploma in Civil Engineering,6th Semester of School of Diploma Studies (Faculty of Engineering & Technology), Atmiya University, Rajkot during the academic year 2023-24.

GUIDE:

Mr. Nayan Nandwana
Lecturer

HOD:

Mr. Khemendra R Dattani
Head of the Department

Date:

Registrar
Atmiya University
Rajkot

Atmiya University
Rajkot

Company Certificate

DC
D.R.PARMAR CONSTRUCTION

DATE: 25/03/2024

This is to certify that DHRUVIT PARMAR, a student in Civil Engineering of ATMIYA Engineering College, RAJKOT had been under Training at our construction site from **2/12/2023 - 25/3/2024**

DHRUVIT PARMAR completed his training on various jobs on Civil Constructions i.e. Building Works, Piling works, Retaining Wall and operation of different civil construction machinery successfully. His attendance and performance during training was found excellent.
We wish him all success and well place in life.

D.R.PARMAR CONSTRUCTION
DR PARMAR

OWNER OF THE COMPANY

Registrar
Atmiya University
Rajkot

Atmiya University
Rajkot

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	2.4 Technical Specifications of Machine(s) carried out	
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Chapter 1- Introduction

1.1 Company Profile

- D.R.PARMAR Construction is a emerging construction company in Rajkot.
- It has added to its achievements some of the modern and innovative buildings designed in various cities in Rajkot , Mumbai , Surat, Valsad, Vapi and many more.
- They provide contracting services and undertake commercial and industrial ventures as well.
- They have been licensed to work in all parts of Gujarat . They believe in using updated technologies and ensure safety when designing venture plans.
- I got a chance to do internship in this company in order to gain experience in the field and learn about the construction process.
- My goals were to learn about the construction industry and gain practical experience in the field.
- I feel that I accomplished these goals and learned a great deal about the construction process.

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Rajkot

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Chapter 2- Methodology

2.1 Problem Definition/Problem Identification

One of the main problems faced by construction companies is often project delays, cost overruns . Delays can occur due to various factors such as bad weather, material shortages, labor issues, design changes, or regulatory hurdles. These delays not only disrupt the project timeline but can also lead to increased costs and dissatisfaction among clients. Managing and mitigating delays effectively is crucial for the success of construction projects and the overall profitability of the company.

2.2 Problem Objectives

1. Effective Planning & Scheduling
2. Standardization of design & materials
3. Invest in Technology
4. Optimized supply chain management
5. Continuous Improvement .
6. Uses of Machinery &Equipments

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Chapter 3- Results & Conclusion

Working on a construction sites can be challenging and rewarding at the same time. Construction sites operatives carry a out of range of manual tasks on a construction site , including preparing ground , driving heavy machinery , moving materials and carrying out work while a project is in process . it is not a difficult work most of the time and also we are working at height is often part of parcel of building construction.

Working on construction sites can have a positives impact on personal and professional growth. Skilled and well-trained individual are looking at company and personal growth opportunities

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Chapter 4 - Appendix

Joining Letter

ATMIYA UNIVERSITY
(Established under the Gujarat Private University Act 11, 2018)
Yogidham Gurukul, Kalawad Road, Rajkot - 360005, Gujarat (INDIA)

FACULTY OF ENGINEERING & TECHNOLOGY
SCHOOL OF DIPLOMA STUDIES

FORM – B

From,
Enrollment no.: 21010103S
Name: Dhruvit Parmar
Semester: 6th
Branch: D.E. Civil Engineering

To,
Head of Department,
Civil Engineering.

Sub: Joining report of Industrial Training

As per your letter no. AU/FOET/SODX/CIVIL/TT/2023-24/011 Dated 04-01-2024
I have reported for training at (organization name) D. R. PARMAR CONSTRUCTION
On (date) 12-12-2023. The weekly off day of the industry is _____.

Thanking you,

Yours faithfully,

Student's Signature

D.R. PARMAR
PROPRIETOR
Signature and Stamp of Officer in-charge
(Training organization/Industry)

Note: This form to be submitted immediately after joining the training.

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Rajkot

Atmiya University Rajkot

Weekly Report

Training Period : 02-12-2023 TO 15-03-2024

1. **Site Observations**:

Observed various construction activities, including excavation, foundation pouring, and steel frame erection.

2. **Safety Inspections**:

Participated in daily safety inspections, identifying and reporting potential hazards and ensuring compliance with safety protocols.

3. **Material Management**:

Assisted in inventory management and material tracking, ensuring timely delivery and accurate record-keeping.

4. **Team Collaboration:**

Collaborated with site engineers and supervisors to understand project requirements and contribute effectively to team goals.

5. **Documentation:**

Helped in maintaining project documentation, including daily progress reports, work logs, and site photos.

6. **Challenges Faced**:

Weather Conditions: Managed work activities effectively despite challenging weather conditions, including rain and high winds.

7. **Communication:**

Overcame communication barriers with diverse team members by actively seeking clarification and feedback.

8. **Time Management:**

Balancing multiple tasks and deadlines required effective time management and prioritization skills.

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Learning Outcomes:

1. **Construction Techniques**:

Gained practical knowledge of construction techniques, equipment operation, and safety procedures.

2. **Problem-Solving**:

Developed problem-solving skills by addressing on-site challenges and finding practical solutions.

3. **Teamwork**:

Enhanced teamwork and communication skills through collaboration with colleagues from diverse backgrounds.

Reflection and suggestion:

1. **Skills Enhancement**:

Focus on improving skills in specific areas such as equipment operation or construction methods.

2. **Safety Awareness**:

Increase awareness of safety protocols and proactively identify potential hazards on-site.

3. **Project Engagement**:

Take on more responsibility and actively contribute to project milestones under supervision.

Overall Reflection:

The internship provided valuable insights into the construction industry, allowing me to apply theoretical knowledge in a practical setting. I look forward to further learning and contributing to the project's success in the upcoming weeks.

Registrar
Atmiya University
Rajkot

Atmiya University Rajkot

K.M. Pharma Solution Pvt. L

MEMORANDUM OF UNDERSTANDING

Between

DEPARTMENT OF CHEMISTRY, FACULTY OF SCIENCE, ATMIYA UNIVERSITY, RAJKC

and

K.M. PHARMA SOLUTION PVT LTD

UNIT No. 101, SHIVAM INDUSTRIAL PARK, MORAIYA, CHANGODAR, AHMEDABAI

Whereas the above-named institutions recognize that a Memorandum of Understanding (MC would be of mutual benefit and would serve as an indication of continued interest in acade cooperation, it is understood that:

1. Each institution will promote one or more of the following activities based on their respec Academic and Industrial needs: **(Kindly put √ mark)**

A.	Curriculum Design	[ ]	**E.**	Research and Development	[√]
B.	Industrial Training & Visits	[√]	**F.**	Skill Development Programs	[ ]
C.	Internships for Students	[√]	**G.**	Guest Lectures	[√]
D.	Placement for Students	[√]	**H.**	Faculty Development Programs	[ ]

2. Specific exchanges or activities that may be developed under the framework of this MOU sl be mutually discussed and agreed upon in writing by both parties prior to the initiation of t activity. Terms of cooperation and details of exchanges, joint programs or activities are to developed through bilateral discussion and agreement on a case-by-case basis and attached additions succeeding to the signing of this MOU. Each institution further agrees to appc respective coordinators at the appropriate time for the specific activities agreed upon.

3. This MOU will become effective on the date of the last signature. It shall remain in force fc Period of five (5) year/s with the understanding that either institution may terminate it giving 30 days' notice to the other party in writing, unless an earlier termination date mutually agreed upon. The MOU may be amended or extended by mutual written consent the Parties.

The parties hereby establish this MOU by duly signing it as of the respective date below.

Head
Department of Chemistry
Atmiya University
Rajkot - 360005
Date - 05/02/24

Head of Department
Department of Chemistry
Faculty of Science
Atmiya University
Rajkot

Registrar
Atmiya University
Rajkot

Dr. Kalpesh Menpara
Managing Director
K.M. Pharma Solu. PVT LTD
Changodar, Ahmedabad - 3822
Date - 05/02/24

K. M. Pharma Solution Pvt. Ltd. Authorised Signatory

Atmiya University Rajkot

ATMIYA UNIVERSITY

(Established under the Gujarat Private University Act II, 2018)

Yogidham Gurukul, Kalawad Road, Rajkot - 360005. Gujarat (INDIA)

CERTIFICATE

This is to certify that the Industrial Training in "**R & D**" department was successfully carried out at "**K. M. Pharma Solution.**" from **01/1/2024** to **29/2/2024** by **Ms. Nakum Twinkle Ketanbhai** a post graduate student. of Department of Chemistry, Faculty of Science, Atmiya University in **M.Sc. Chemistry (Organic)** during academic year 2023-24.

Mr. Jatin Patel

(Internal Guide)

Dr. P. B. Nariya

(Head)

Notification No.: AU/FOS/DOC/Industrial Training/4-

Date: 2/04/2024

Name and Signature of Examiner:

Place: Rajkot

+91 281 2563445 +91 281 2563952 admin@atmiyauni.ac.in www.atmiyauni.ac.in

Registrar
Atmiya University
Rajkot

Atmiya University Rajkot

EN. NO - 220721057

TO WHOM IT MAY CONCERN

KMPS
K.M.Pharma Solution

Date: 01.03.2024

TO WHOM IT MAY CONCERN

This is certify that Mrs.Twinkle Ketanbhai Nakum having Enrollment No.-220721057 a post graduate student of Department of Chemistry , Atmiya University, Rajkot has successfully completed Internship From 01.01.2024 to 29.02.2024 at our organization in R&D Department. During the period of his Internship with us and he was found punctual, hardworking and inquisitive.

With Kind Regards,

K. M. Pharma Solution

Patel
Patin Patel
(R & D Department)

K. M. Pharma Solution * Authorised Signatory *

K.M.Pharma Solution

Reg. Office: Block No. 33, 2-Ghanshyam Nagar (West), B/H. Crystal Mall, Kalavad Road, Rajkot - 360005.
Lab: Unit No. 101, Shivam Industrial Park, opp. Sarvoday Hotel, near Parikh Packaging, off NH 8A, Changodar, Ahmedabad, Gujarat, India. M. +91 98988 22121 | E. contact@kmpharma.in

ATMIYA UNIVERSITY - RAJKOT

Registrar
Atmiya University
Rajkot

Atmiya University Rajkot

10th May 2024

Dear Mr. Yashkumar Hasmukhbhai Ranpariya,

We are very pleased to extend you an offer to join K. M. Pharma Solution. In our reference with your interview, we were satisfied by your chemistry knowledge, learning attitude, and above all we believe that we would enjoy working with you.

We believe that we can offer you a unique experience. In working with our company, you will have a vital part in a young and dynamic organisation. You will be working with highly qualified and experienced colleagues, as well as giving you a chance to enhance your skill base.

FROME THE START DATE

KMPS is delighted to offer you the grade of **Trainee Scientist (Executive Trainee)-R&D.**

Your CTC (cost to company) pay will be **Gross INR 2.154 Lakhs. (It includes all allowances). For more details, please refer the attached salary Break-up.**

After completion of Training and probation (1 year), your Package will be Revised based on the Learning, working attitude and performance.

There will be a six-month Training period and six-month Probation period from the date of Joining. After completion of Training and Probation, you will be the regular Employee of the Company and your minimum stay period will be 2 years to get the eligibility for Bonus, experience and reliving letter. If you leave the company before 2 years the company will not give the Bonus, experience as well as reliving letter. Notice period will be 2 months from the date of resignation letter.

The payroll will be revised based on performance of the employee throughout the year. **(Year cycle is 1st Apr to 31st Mar)**

Annual bonus will be given in the month of Diwali.

The Partners reserve the right to change the bonus policy from year to year based upon the outcomes and the requirements of the business. A bonus policy which is applied in one year may not be repeated in a future year.

You will be issued an "Appointment Letter & Employment Agreement Contract" giving terms & conditions of your employment after the final photo copy of certificate are been submitted. The same shall be binding upon you.

You are requested to produce following documents at the time of reporting for your duties.

- Two passport size photographs.
- Copies of certificates with respect to your educational qualifications.
- Copy of certificate in proof of your age / date of birth. (PAN Card)

This package, we believe, reflects our confidence in you as an individual and recognises your contribution to the growth and success of the company. As discussed, we very much look forward to start working with on 1st Jun 2024. If you have any questions please do not hesitate to contact me. Please send us the confirmation of the offer letter.

Regards

K.M. Pharma Solution Limited Authorised Signatory

Dr. Kalpesh Menpara
Partner,
K. M. Pharma Solution

Registrar
Atmiya University
Rajkot

Atmiya University Rajkot

10th May 2024

Dear Mr. Vatsalkumar Rameshbhai Bhut,

We are very pleased to extend you an offer to join K. M. Pharma Solution. In our reference with your interview, we were satisfied by your chemistry knowledge, learning attitude, and above all we believe that we would enjoy working with you.

We believe that we can offer you a unique experience. In working with our company, you will have a vital part in a young and dynamic organisation. You will be working with highly qualified and experienced colleagues, as well as giving you a chance to enhance your skill base.

FROME THE START DATE

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There will be a six-month Training period and six-month Probation period from the date of Joining. After completion of Training and Probation, you will be the regular Employee of the Company and your minimum stay period will be 2 years to get the eligibility for Bonus, experience and reliving letter. If you leave the company before 2 years the company will not give the Bonus, experience as well as reliving letter. Notice period will be 2 months from the date of resignation letter.

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Regards

K. M. Pharma Solution Limited Authorised Signatory

Dr. Kalpesh Menpara
Partner,
K. M. Pharma Solution

Registrar
Atmiya University
Rajkot

Atmiya University Rajkot

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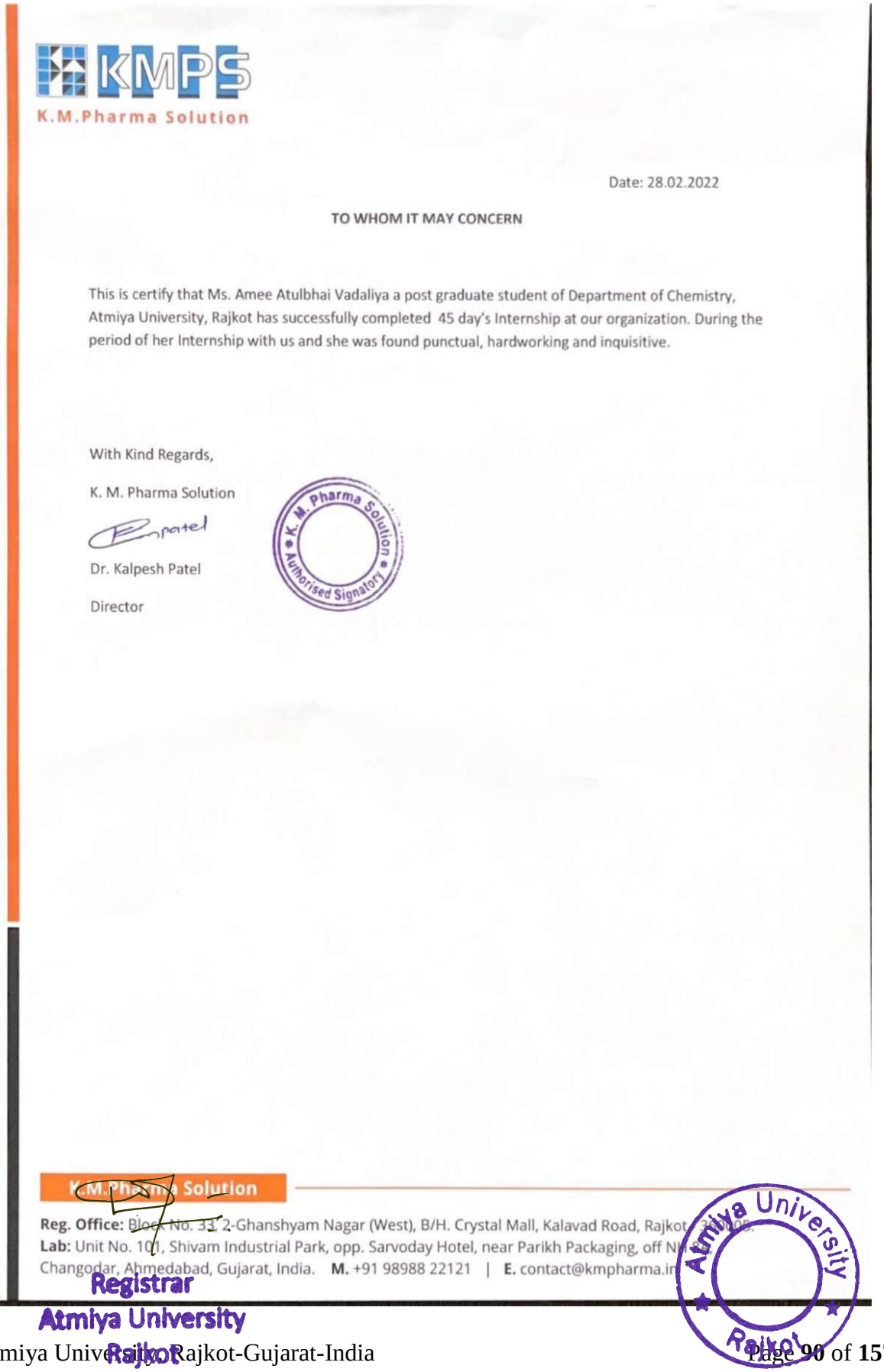

KMPS
K.M.Pharma Solution

Date: 28.02.2022

TO WHOM IT MAY CONCERN

This is certify that Ms. Amee Atulbhai Vadaliya a post graduate student of Department of Chemistry, Atmiya University, Rajkot has successfully completed 45 day's Internship at our organization. During the period of her Internship with us and she was found punctual, hardworking and inquisitive.

With Kind Regards,

K. M. Pharma Solution

Dr. Kalpesh Patel

Director

K.M. Pharma Solution

Reg. Office: Block No. 312-Ghanshyam Nagar (West), B/H. Crystal Mall, Kalavad Road, Rajkot [illegible].
Lab: Unit No. 101, Shivam Industrial Park, opp. Sarvoday Hotel, near Parikh Packaging, off N[illegible] Changodar, Ahmedabad, Gujarat, India. M. +91 98988 22121 | E. contact@kmpharma.in

Registrar
Atmiya University
Rajkot

Atmiya University Rajkot

KMPS
K.M.Pharma Solution

Date: 28.02.2022

TO WHOM IT MAY CONCERN

This is certify that Ms. Surbhi Harsukhbhai Timbaliya a post graduate student of Department of Chemistry, Atmiya University, Rajkot has successfully completed 45 day's Internship at our organization. During the period of her Internship with us and she was found punctual, hardworking and inquisitive.

With Kind Regards,

K. M. Pharma Solution

Dr. Kalpesh Patel

Director

K. M. Pharma Solution Authorised Signatory

K.M.Pharma Solution

Reg. Office: Block No. 33, 2, Ghanshyam Nagar (West), B/H. Crystal Mall, Kalavad Road, Rajkot-360005.
Lab: Unit No. 101, Shivam Industrial Park, opp. Sarvoday Hotel, near Parikh Packaging, off NH-8A, Changodar, Ahmedabad, Gujarat, India. M. +91 98988 22121 | E. contact@kmpharma.in

Registrar
Atmiya University
Rajkot

Atmiya University Rajkot

29th Jun 2022

Dear Mr. VEKARIYA PARAG ASHWINBHAI

We are very pleased to extend you an offer to join K. M. Pharma Solution. In our reference with your interview, we were impressed by your chemistry knowledge, learning attitude, and above all we believe that we would enjoy working with you.

We believe that we can offer you a unique experience. In working with our company, you will have a vital part in a young and dynamic organisation. You will be working with highly qualified and experienced colleagues, as well as giving you a chance to enhance your skill base.

FROME THE START DATE

KMPS is delighted to offer you the grade of **Trainee Scientist (Trainee Executive)-R & D.**

Your CTC (cost to company) pay will be **Gross INR 1.50 Lakhs. (It includes all allowances). Rs. 12500 net payable to you. No Extra deduction from your CTC.**

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You are requested to produce following documents at the time of reporting for your duties.

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This package, we believe, reflects our confidence in you as an individual and recognises your contribution to the growth and success of the company. As discussed, we very much look forward to start working with on or before 04th July 2022. If you have any questions, please do not hesitate to contact me. Please send us the confirmation of the offer letter.

Regards

K.M. Pharma Solution Authorised Signatory

Dr. Kalpesh Patel
Partner,
K. M. Pharma Solution

Registrar
Atmiya University
Rajkot

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11th Jun 2022

Dear Mr. KATHIRIYA BHARGAV VIJAYBHAI

We are very pleased to extend you an offer to join K. M. Pharma Solution. In our reference with your interview, we were impressed by your chemistry knowledge, learning attitude, and above all we believe that we would enjoy working with you.

We believe that we can offer you a unique experience. In working with our company, you will have a vital part in a young and dynamic organisation. You will be working with highly qualified and experienced colleagues, as well as giving you a chance to enhance your skill base.

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Regards

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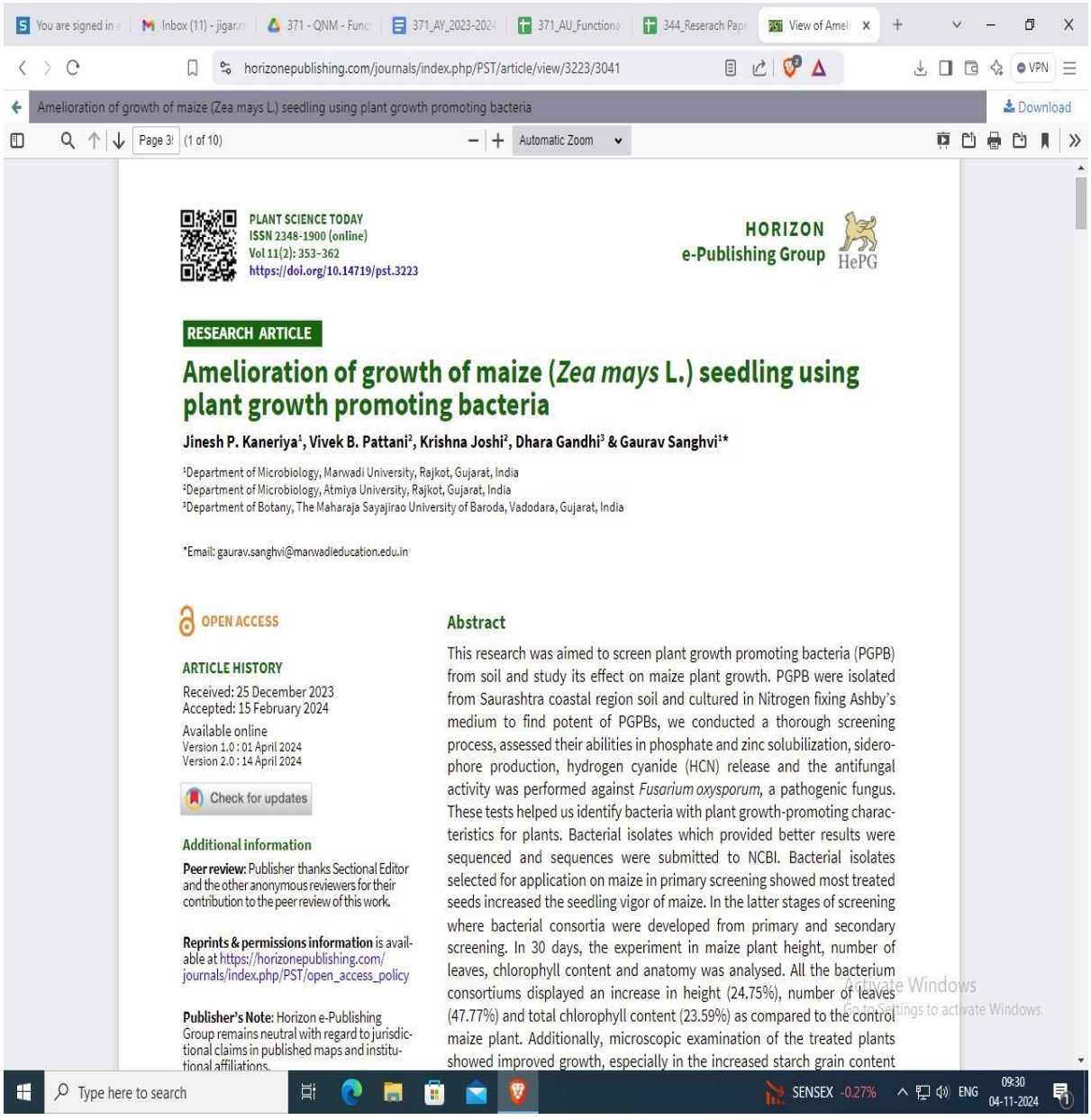

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Amelioration of growth of maize (*Zea mays* L.) seedling using plant growth promoting bacteria

Jinesh P. Kaneriya[1], Vivek B. Pattani[2], Krishna Joshi[2], Dhara Gandhi[3] & Gaurav Sanghvi[1]*

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Abstract

This research was aimed to screen plant growth promoting bacteria (PGPB) from soil and study its effect on maize plant growth. PGPB were isolated from Saurashtra coastal region soil and cultured in Nitrogen fixing Ashby's medium to find potent of PGPBs, we conducted a thorough screening process, assessed their abilities in phosphate and zinc solubilization, siderophore production, hydrogen cyanide (HCN) release and the antifungal activity was performed against *Fusarium oxysporum*, a pathogenic fungus. These tests helped us identify bacteria with plant growth-promoting characteristics for plants. Bacterial isolates which provided better results were sequenced and sequences were submitted to NCBI. Bacterial isolates selected for application on maize in primary screening showed most treated seeds increased the seedling vigor of maize. In the latter stages of screening where bacterial consortia were developed from primary and secondary screening. In 30 days, the experiment in maize plant height, number of leaves, chlorophyll content and anatomy was analysed. All the bacterium consortiums displayed an increase in height (24.75%), number of leaves (47.77%) and total chlorophyll content (23.59%) as compared to the control maize plant. Additionally, microscopic examination of the treated plants showed improved growth, especially in the increased starch grain content

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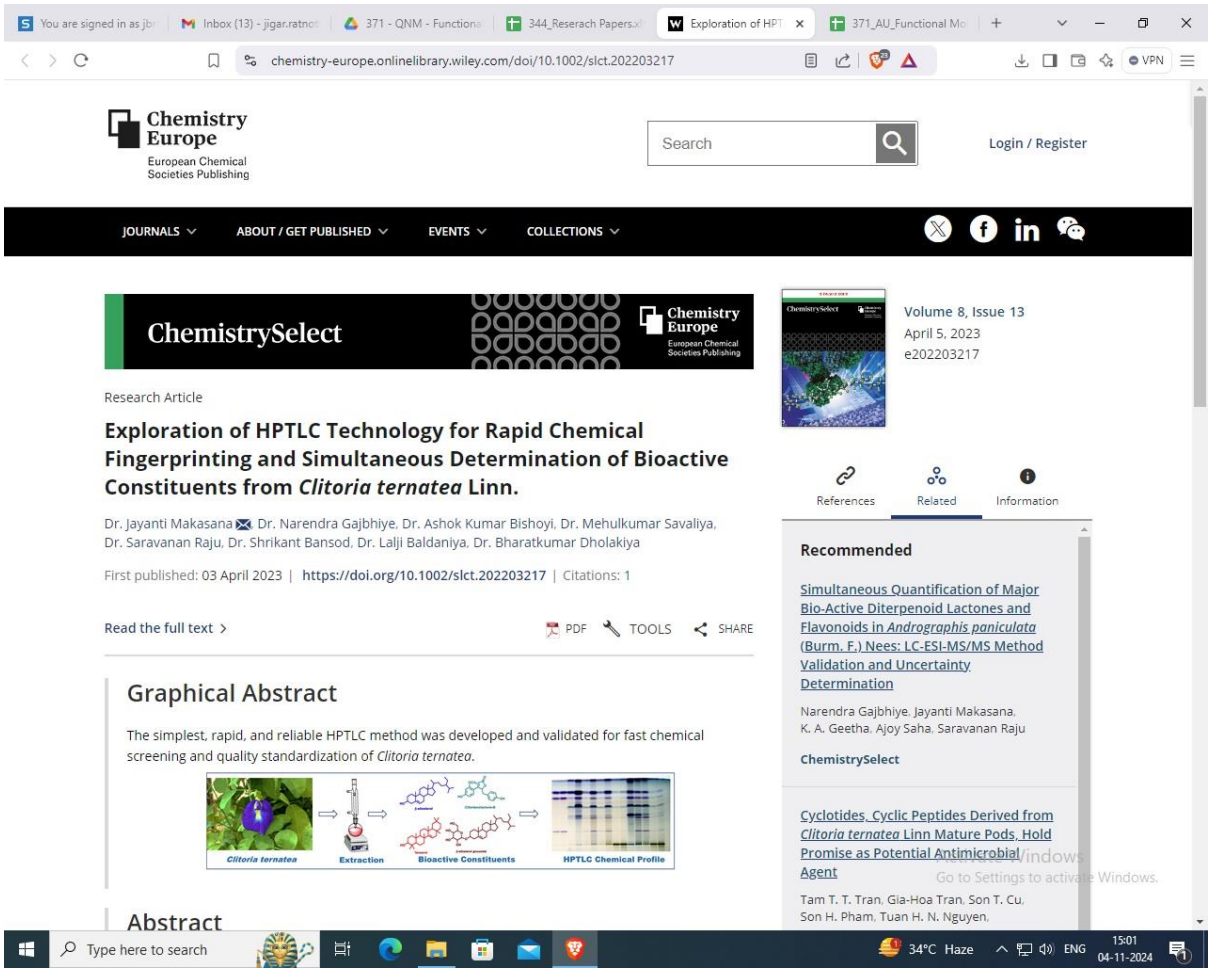

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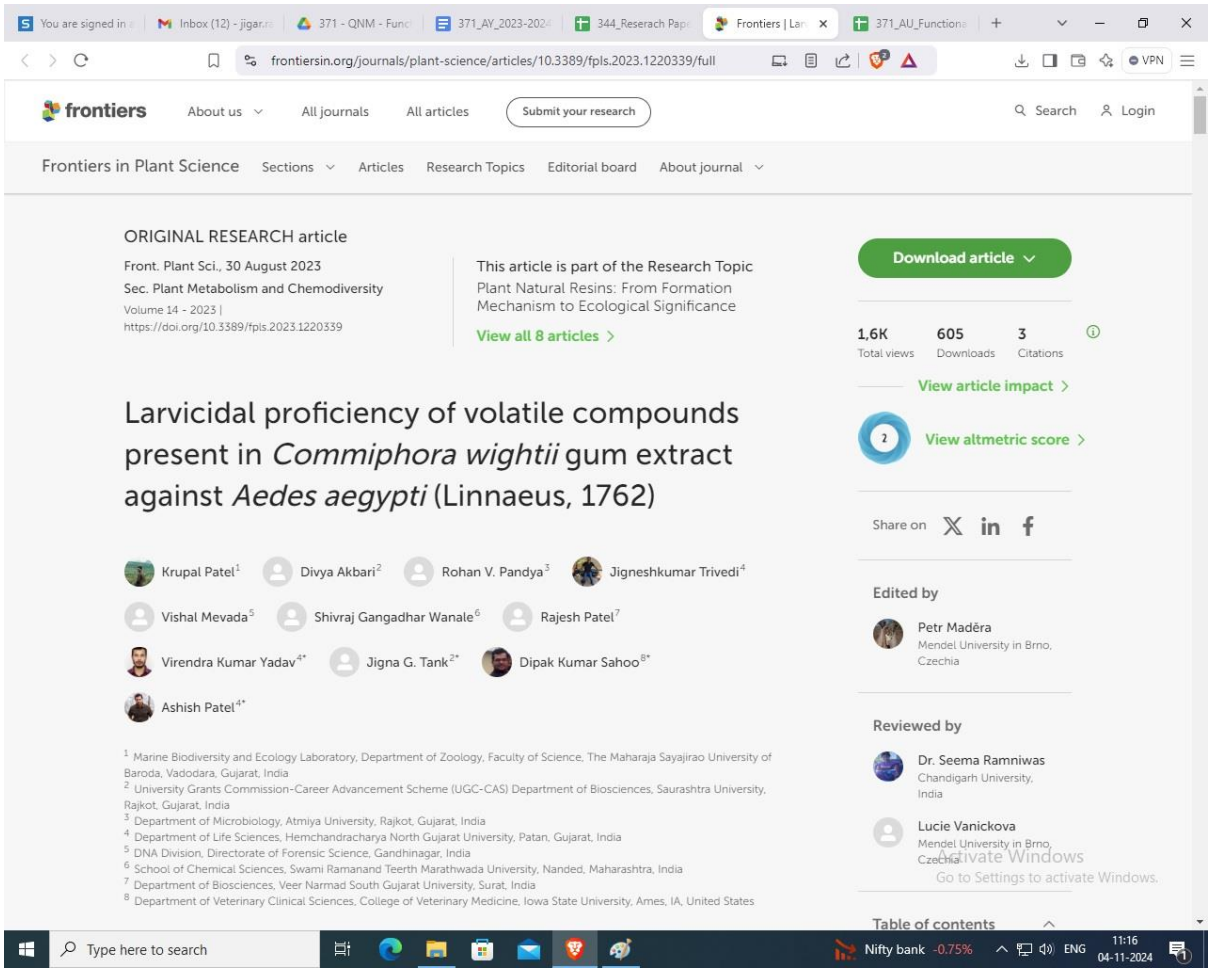

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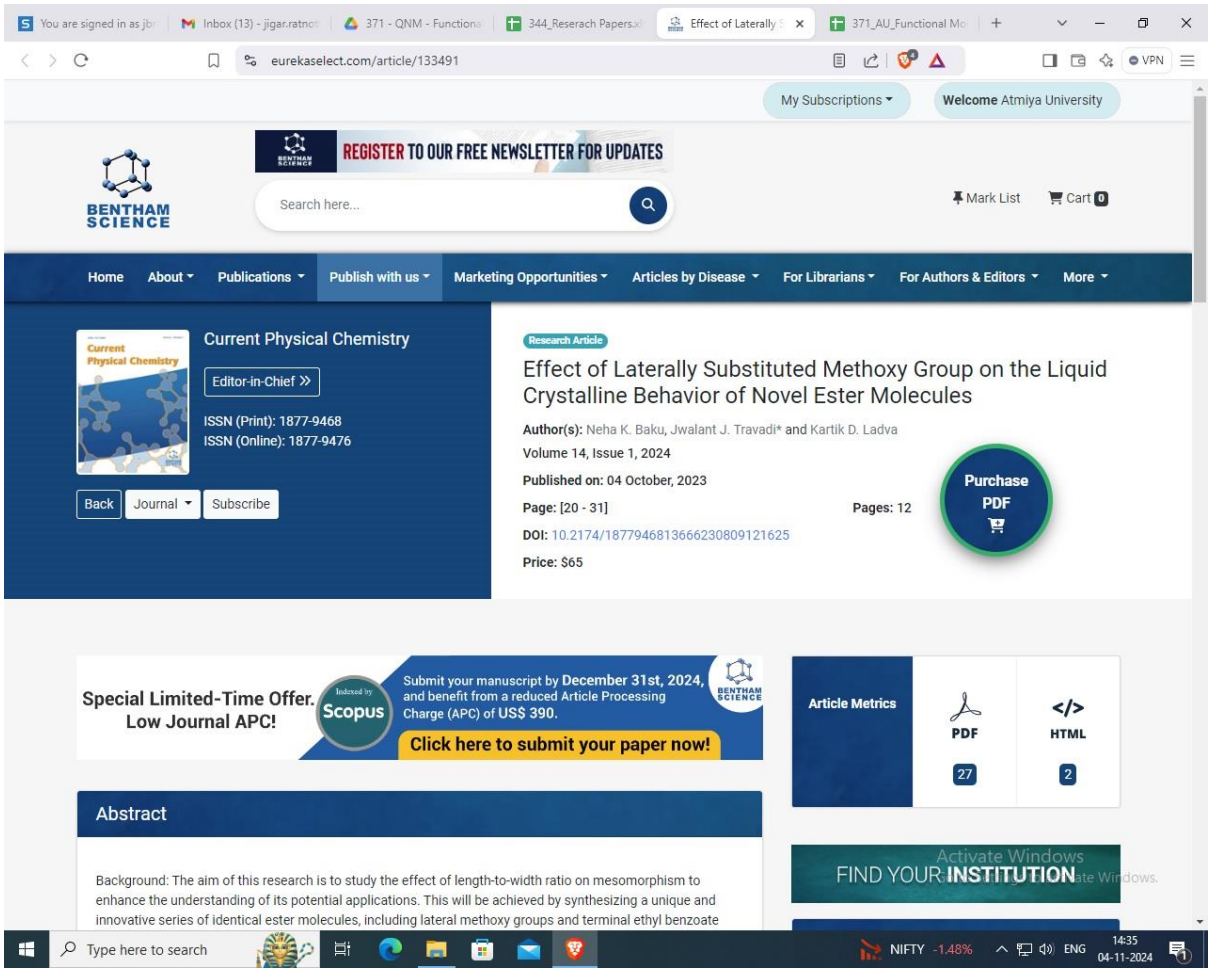

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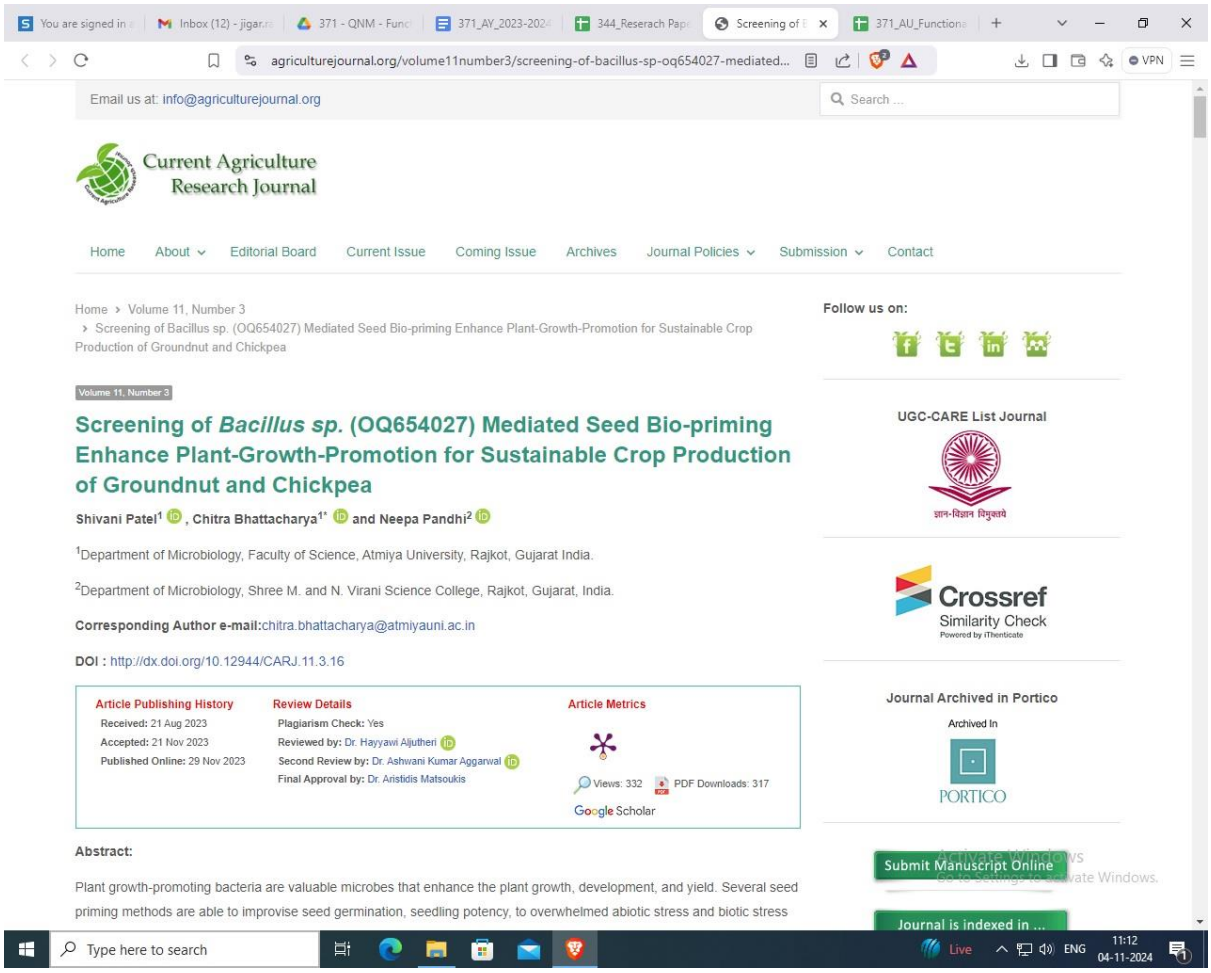

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Volume 11, Number 3

Screening of *Bacillus sp.* (OQ654027) Mediated Seed Bio-priming Enhance Plant-Growth-Promotion for Sustainable Crop Production of Groundnut and Chickpea

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Plant growth-promoting bacteria are valuable microbes that enhance the plant growth, development, and yield. Several seed priming methods are able to improvise seed germination, seedling potency, to overwhelmed abiotic stress and biotic stress

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SYNTHESIS, SPECTROSCOPIC AND *IN-VITRO* ANTIMICROBIAL SCREENING OF SOME NOVEL TRANSITION METAL BASED HETEROCHELATES

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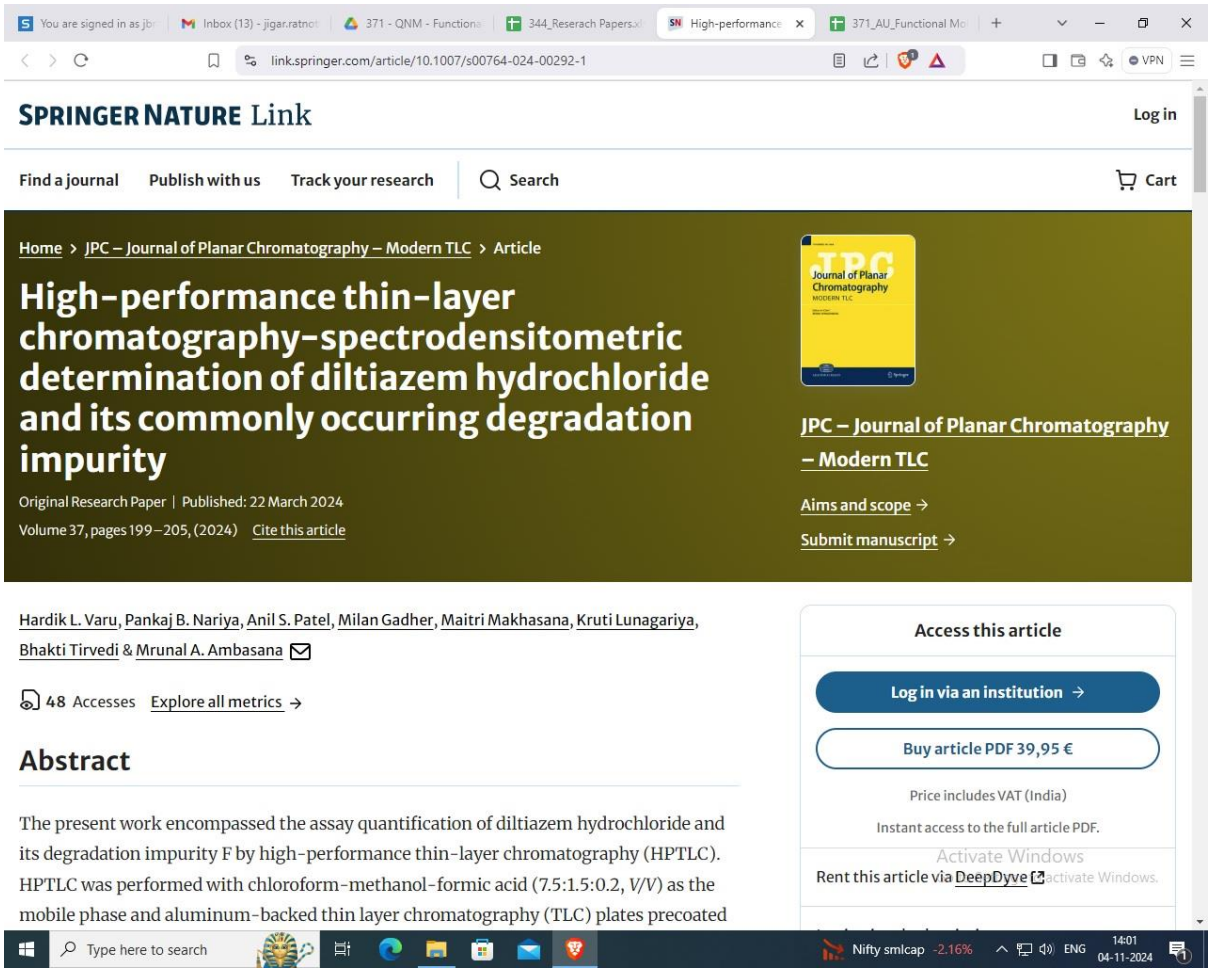
ABSTRACT

New Mn(II), Cu(II) and Zn(II) heterochelates were synthesize by reacting Semicarbazone, Thiosemicarbazone and Antipyrine with 2 amino 3,5 dibromo benzaldehyde. All the synthesized Schiff's base ligands and their heterochelates were examined for their spectroscopic and antimicrobial activities. The structures of Schiff's base ligands were confirmed by ^{1}H NMR, IR, Mass, elemental analysis and their heterochelates were confirmed by IR and FAB mass spectroscopy. All the Schiff's base ligands and heterochelates were screened for in-vitro biological study against Gram positive (*Bacillus subtilis, S. Aureus*) and Gram negative (*E. coli, Pseudomonas aeruginosa*) microorganisms. The results confirmed that transition metal based heterochelates have an immense potential and important for further research work.

Keywords: Semicarbazone, Thiosemicarbazone, Schiff's base, Heterochelates, Antimicrobial studies

INTRODUCTION

Schiff's base ligands were found to be a significant set of chelating agents for complexation in chemistry **[1, 2]**. Schiff's bases are very important category of organic compounds for inorganic chemistry because of their ability to form stable



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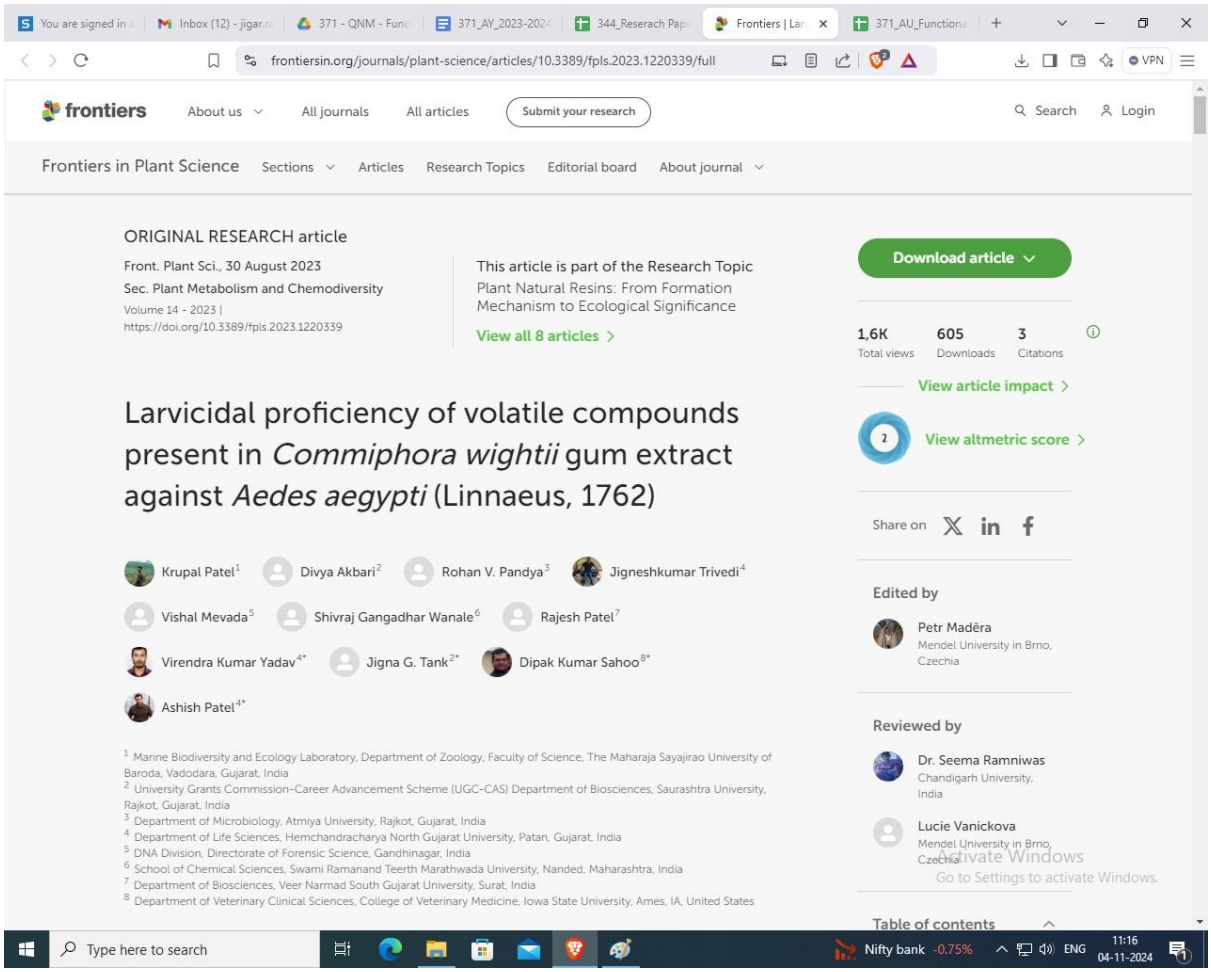

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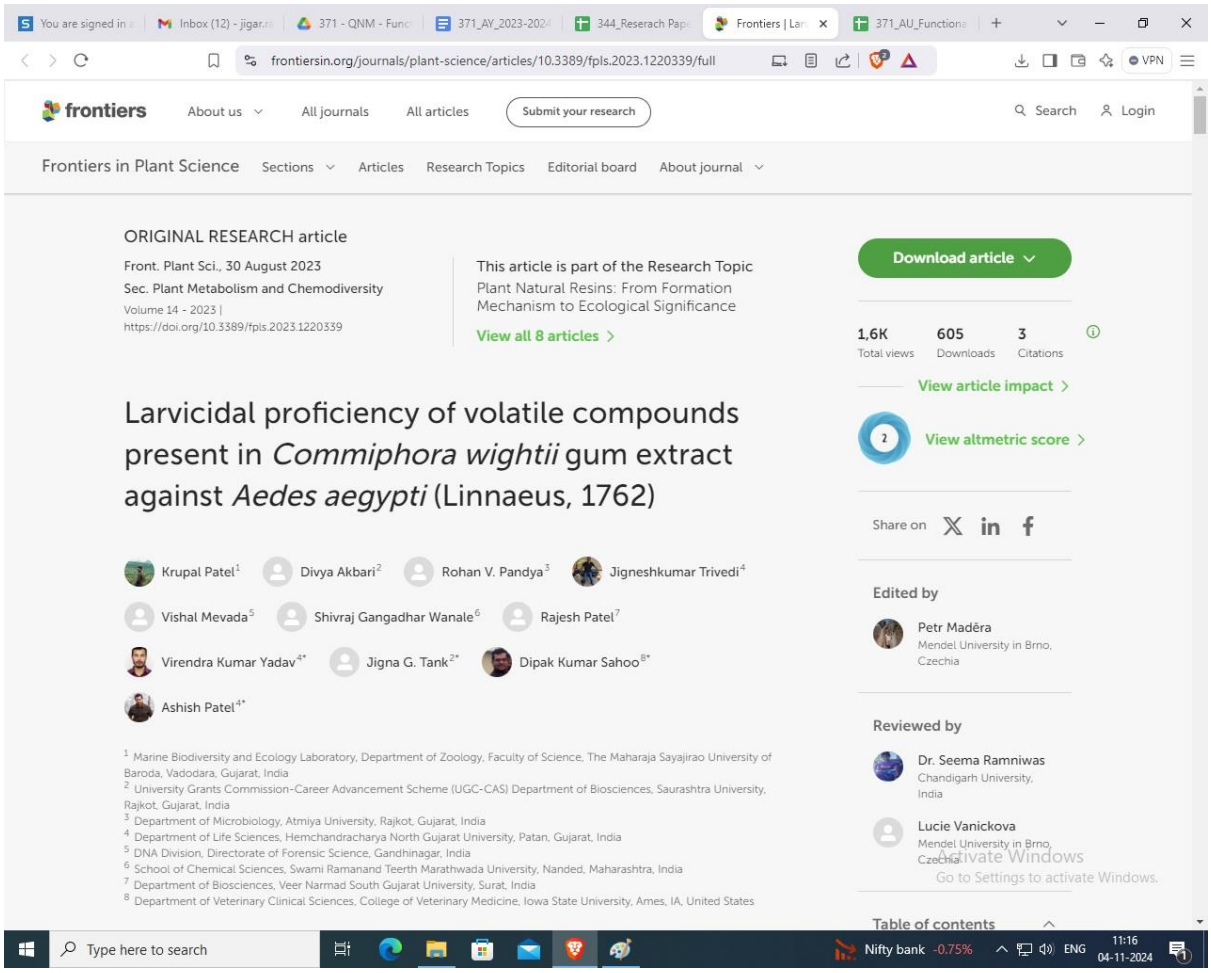

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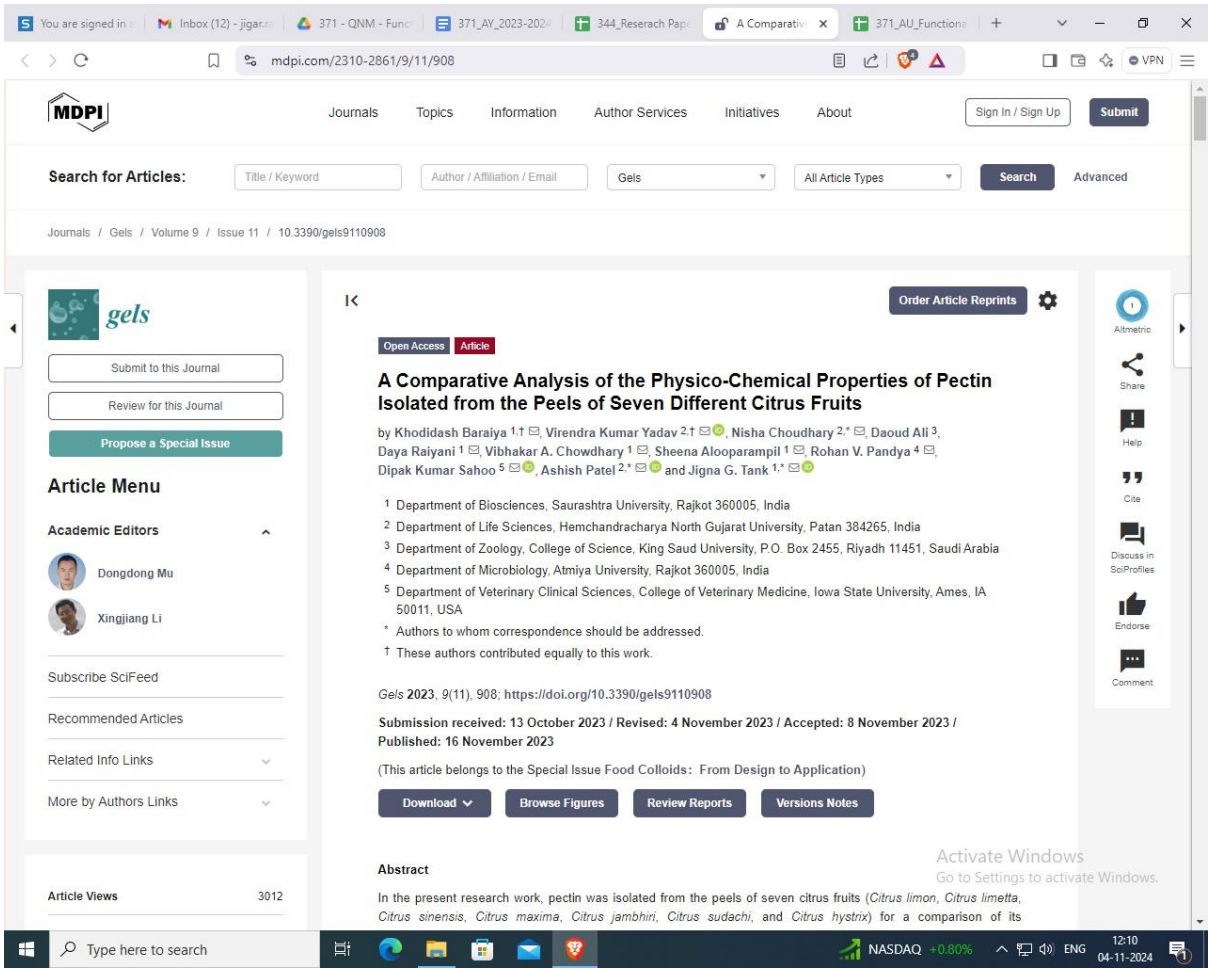

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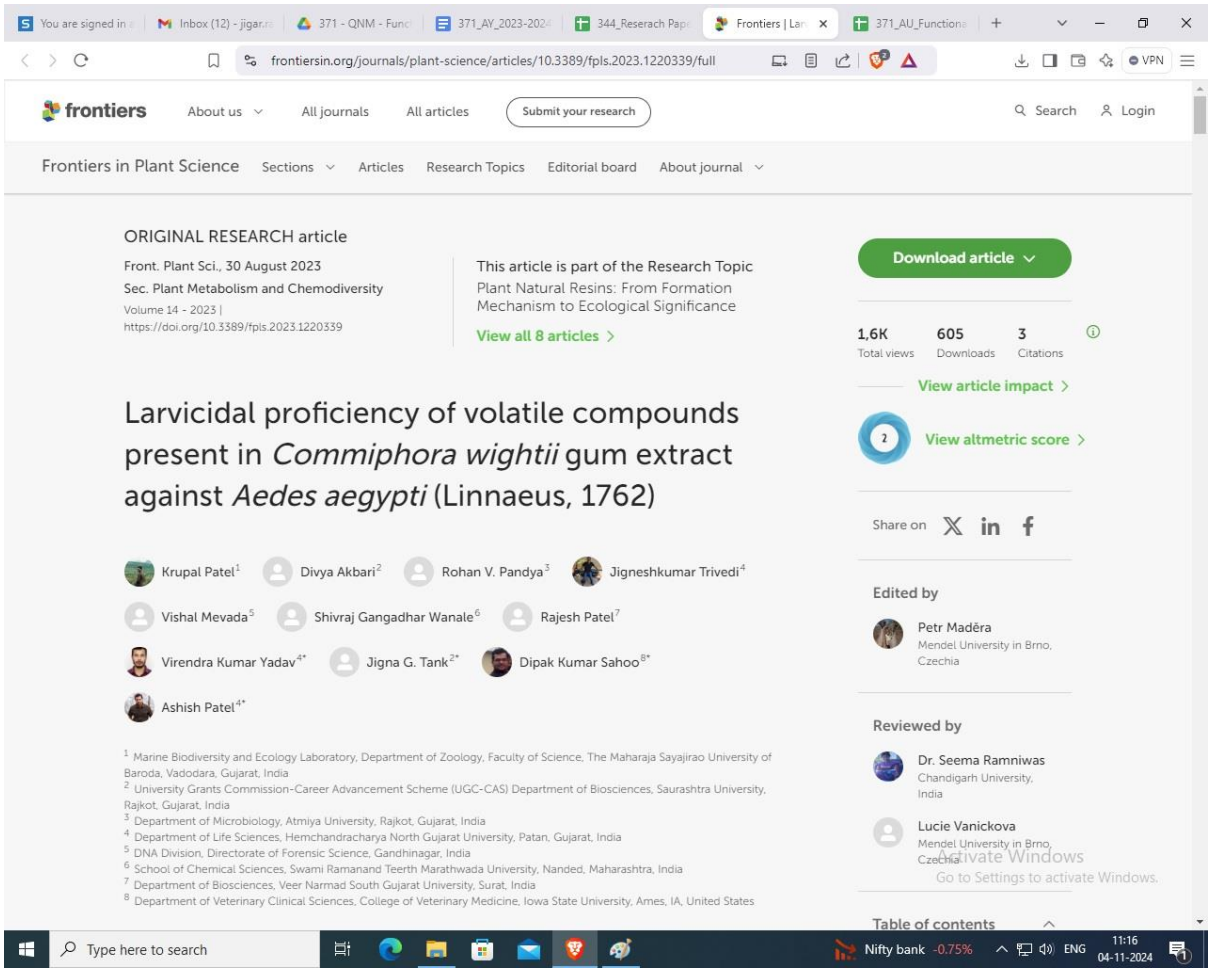

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Research Paper

Growth and Elemental, FTIR Spectroscopic and Thermal Analysis of Pure and Isoleucine Doped Lithium Dihydrogen Phosphate Crystals

H.K. Ladani[1*], V. J. Pandya[2], Radhika Rathod[3], H.O. Jethva[4]

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Abstract— Pure as well as isoleucine doped lithium dihydrogen phosphate (LDP) crystals are grown at room temperature using the solution growth method. The elemental analysis shows the presence of the atoms of dopant molecule isoleucine and its weight % increases with increase in weight % of the isoleucine, which confirms the successful doping of the isoleucine in the crystal lattice of pure LDP crystal. The FTIR spectra shows the presence of all constitute functional groups of LDP in pure as well as in isoleucine doped LDP crystals. No significant effect of isoleucine doping on the crystal structure of pure LDP is observed except the presence of N – H bending and C – H bending vibrations in the case of 0.6wt% and 0.9wt% isoleucine doped LDP crystals. The thermal analysis of pure and different wt% isoleucine doped LDP crystals indicates that the presence of isoleucine prevents the thermal decomposition of pure LDP at lower temperature and shifts towards higher temperature and reduces the weight loss of pure LDP. The results are discussed and analyzed in detail.

Keywords— Lithium dihydrogen phosphate, isoleucine, Raman spectroscopy, EDAX, FTIR, TGA

1. Introduction

The pure and doped crystals of various phosphate compounds are investigated by the researchers due to their several physical and chemical properties interesting for basic research and practical applications. Among various phosphate compounds, the most widely studied phosphate compounds are the dihydrogen phosphate of ammonium and potassium due to their non-linear optical behavior, while less investigation is reported on the pure and doped dihydrogen phosphate of lithium. The structure of lithium dihydrogen phosphate, commonly known as LDP, consists of tetrahedral groups of PO_4, i.e. phosphate ion and LiO_4, which are bonded together by oxygen ions [1]. Raman spectroscopic data of LDP have been reported by Lee et al [2] between 70 to 300 K and not observed any change in spectra at low temperature, while at high temperature, within range of temperature 170 to 220 °C, the Raman spectroscopic data have been reported by R. Dekhili et al [1] and observed intensity breakdown in the monotonous behavior with temperature and two anomalies around 176 °C and 210 °C temperature for all main Raman lines. These results were found consist with the electrical data reported by Lee et al [3] and confirmed their interpretation. Such type of studies is reported for pure LDP but no reports have been found in the literature for the pure and amino acid doped LDP crystals.

Further, limited data on the decomposition process of LDP crystal is reported, while the decomposition of pure and doped dihydrogen phosphate crystals of ammonium and potassium has been investigated [4,5], with the discussion of the effect of the dopant. The dehydration reaction and the formation of dehydration intermediates of dihydrogen phosphates of several alkali metals have been reported in the literature [6,7], but almost no reports are available in the literature regarding the dehydration and decomposition process of amino acid doped LDP crystals and the effect of dopant in various concentration on the dehydration and decomposition process of LDP crystals.

The present investigation deals with the growth of pure and isoleucine doped LDP crystals and discusses the effect of isoleucine doping in various concentrations on the characteristic vibrations of phosphate by FTIR analysis and on the dehydration and decomposition properties of LDP.

2. Experimental Technique

Pure crystals of LDP and different weight%, i.e., 0.3wt%, 0.6wt% and 0.9wt% isoleucine doped LDP crystals are grown using solution growth technique at room temperature by preparing the 100 ml saturated solution of pure LDP in distilled water in four different beakers. One beaker is

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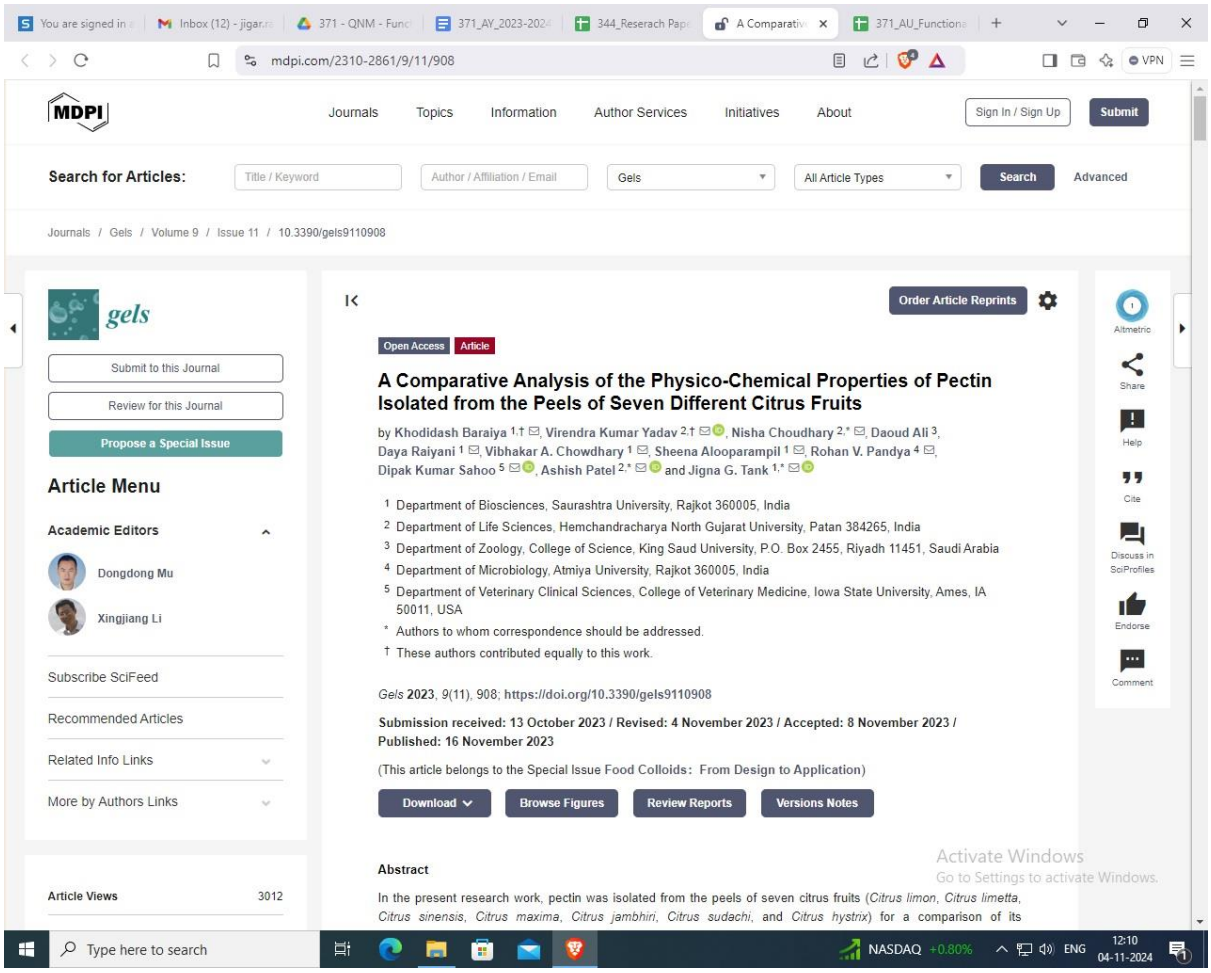

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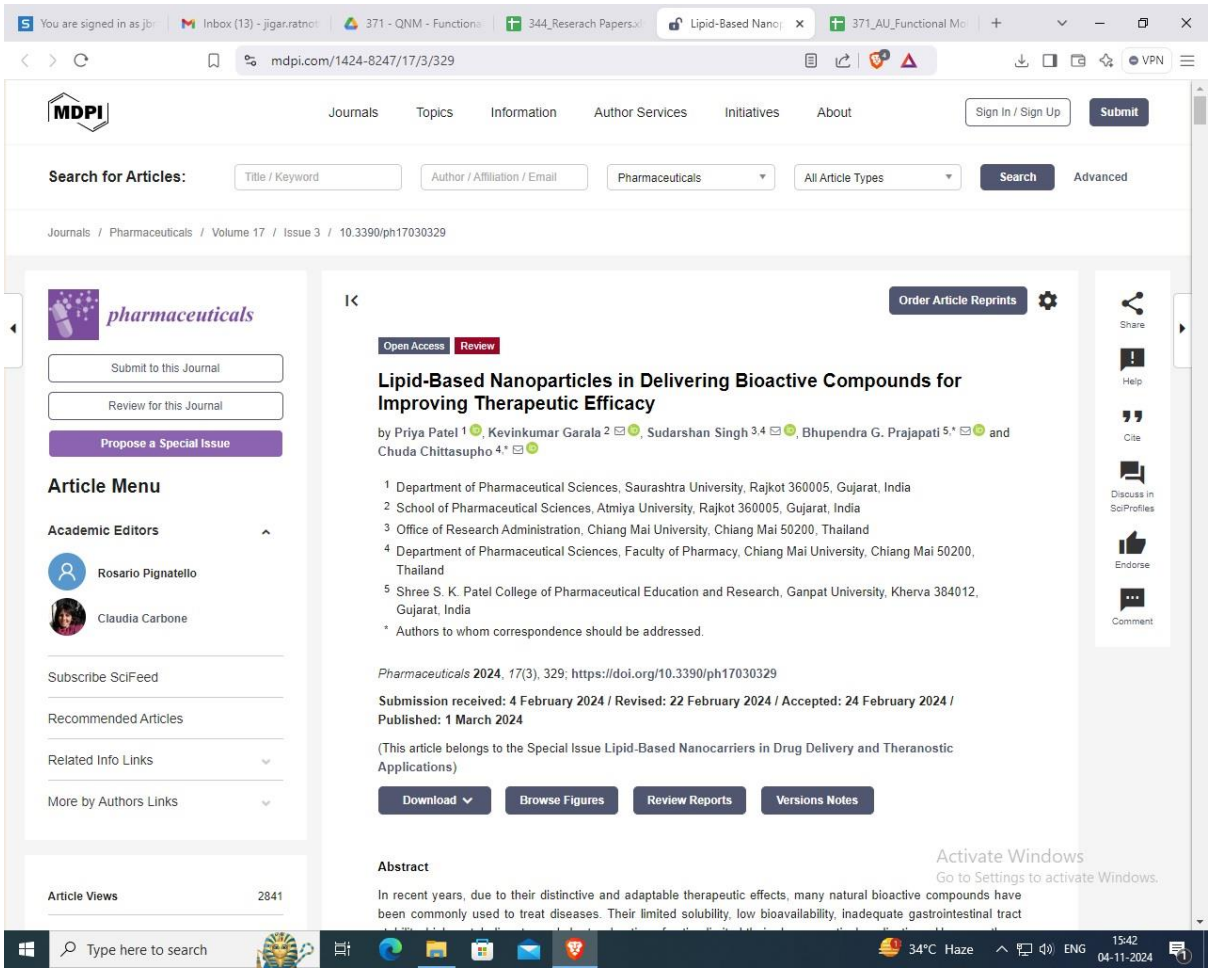

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Lipid-Based Nanoparticles in Delivering Bioactive Compounds for Improving Therapeutic Efficacy

by Priya Patel [1], Kevinkumar Garala [2], Sudarshan Singh [3,4], Bhupendra G. Prajapati [5,*] and Chuda Chittasupho [4,*]

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Abstract

In recent years, due to their distinctive and adaptable therapeutic effects, many natural bioactive compounds have been commonly used to treat diseases. Their limited solubility, low bioavailability, inadequate gastrointestinal tract

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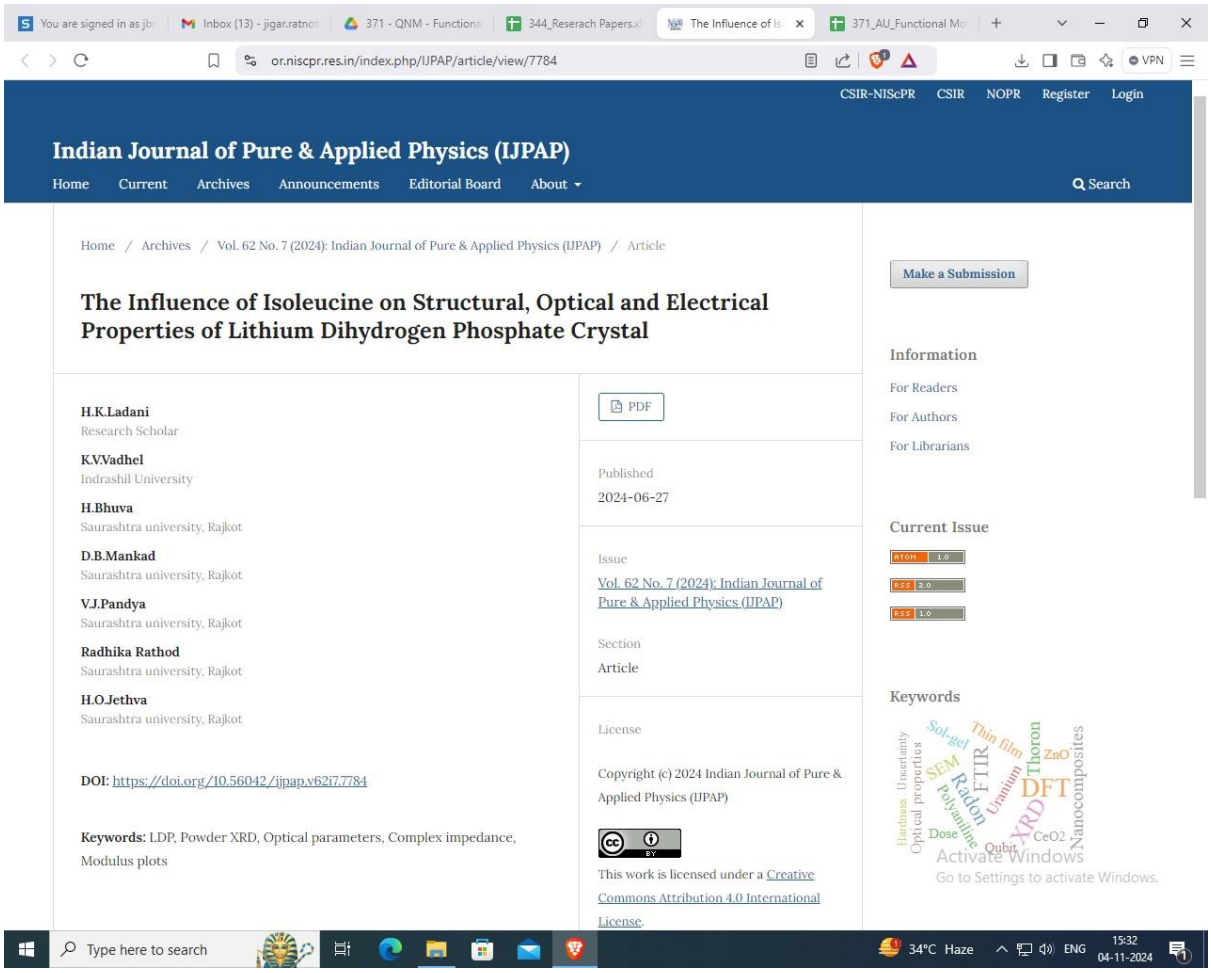

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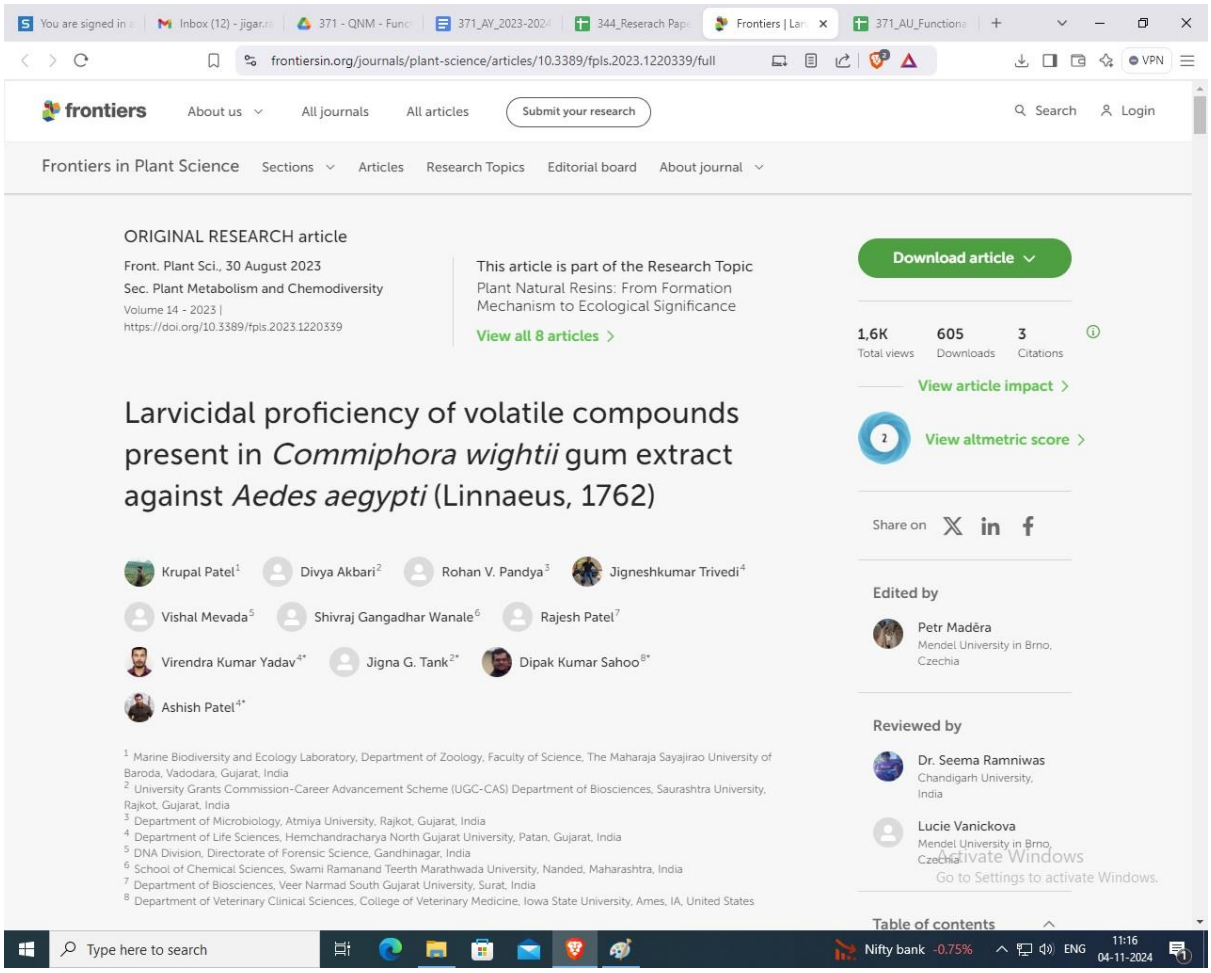

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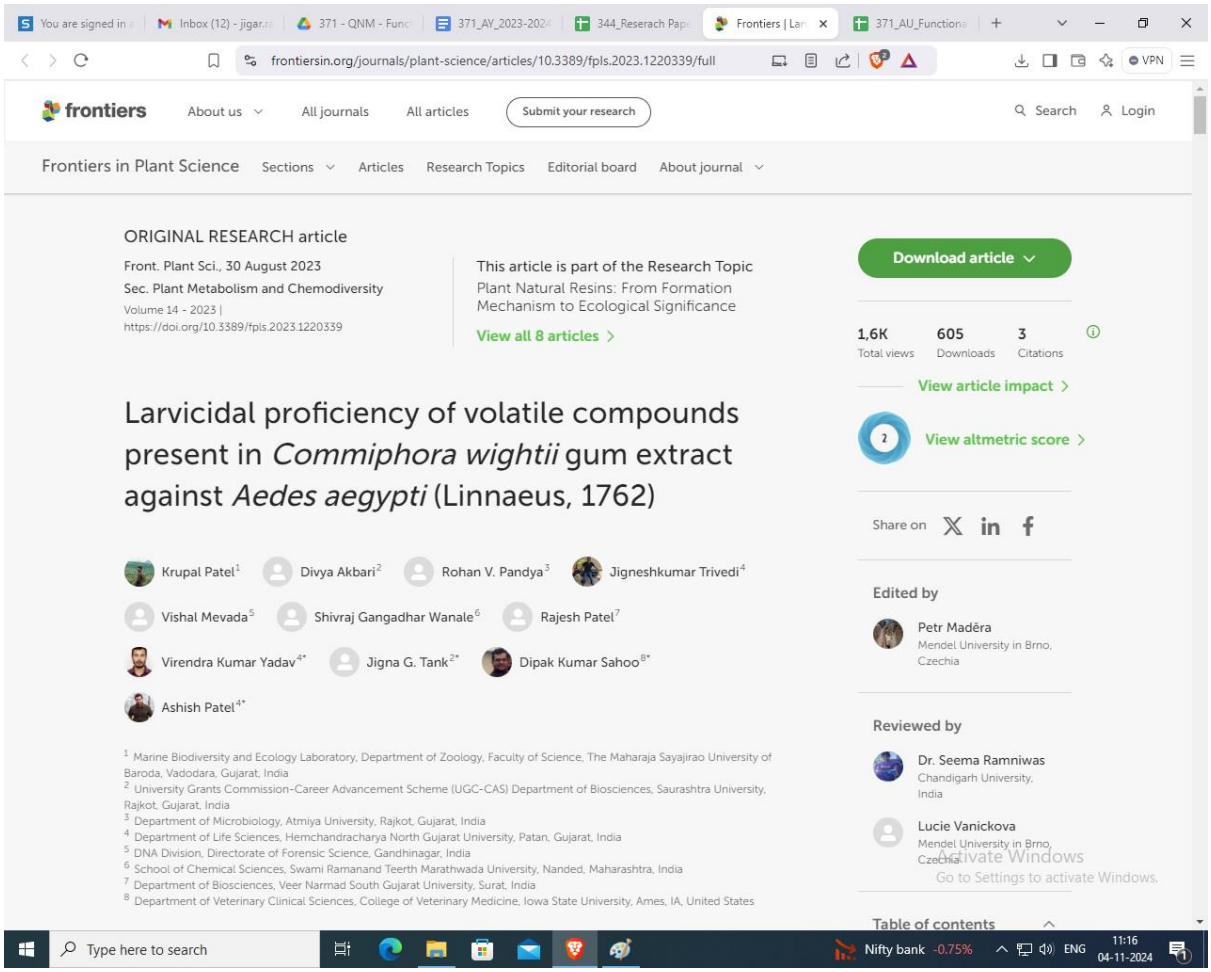

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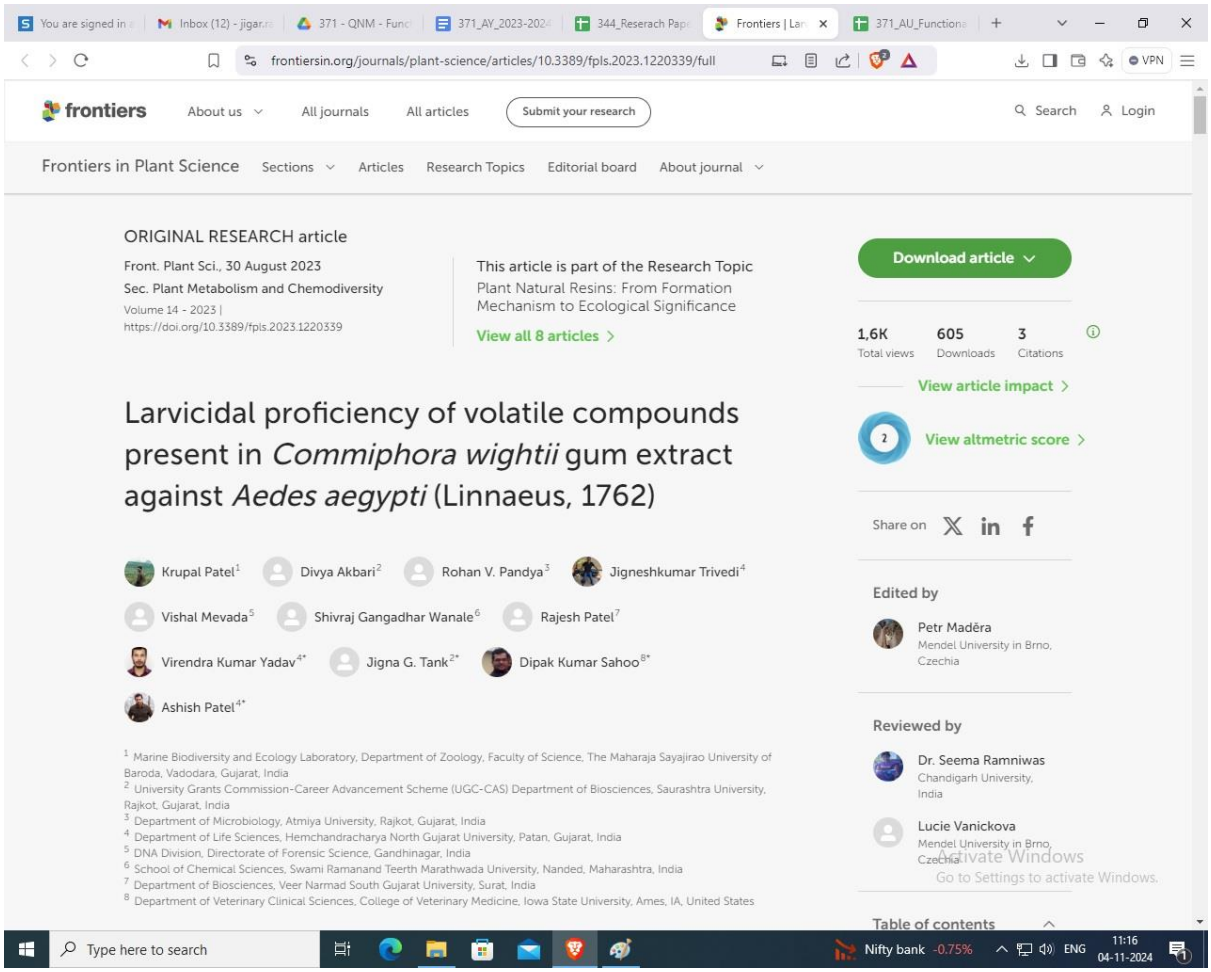

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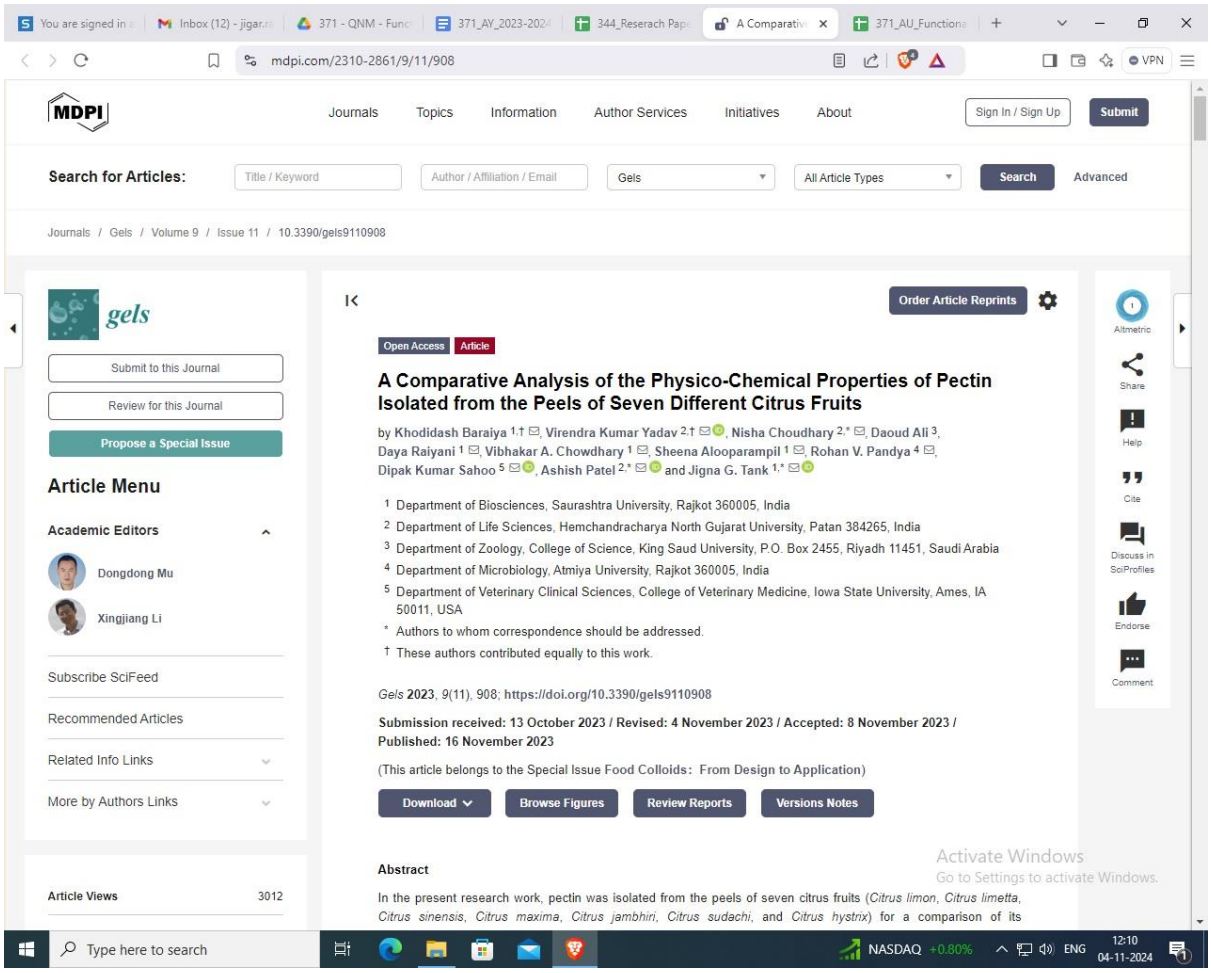

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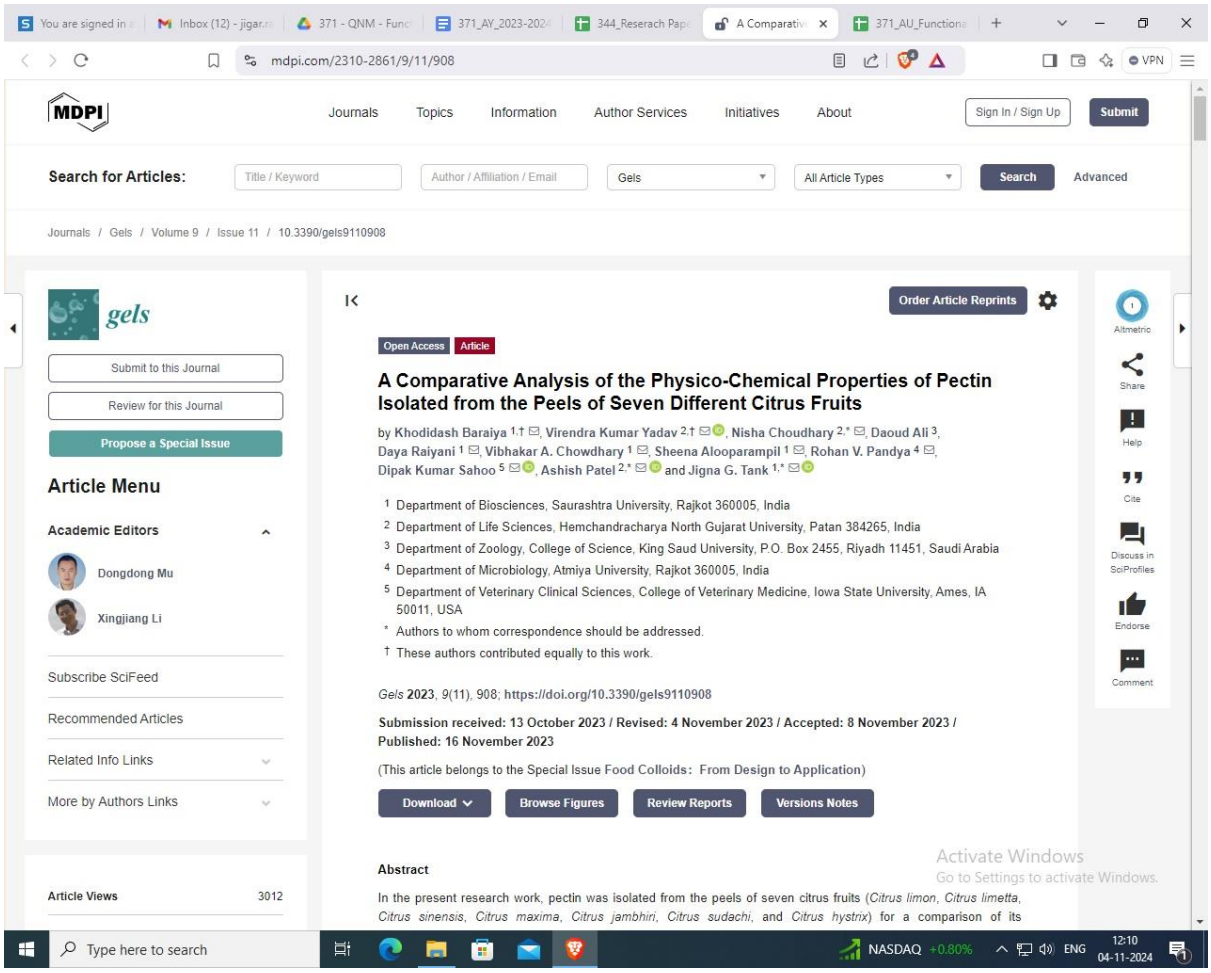

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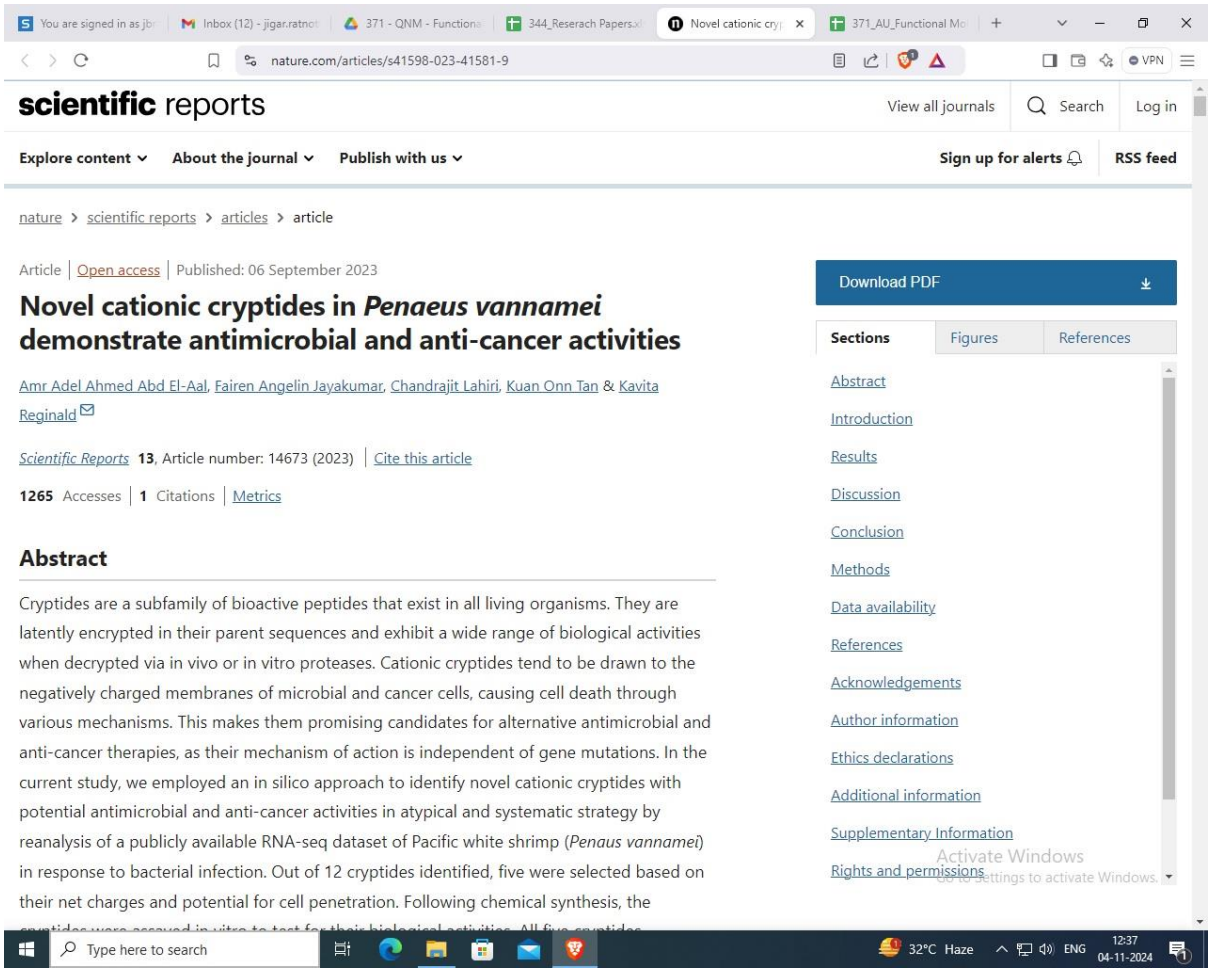

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Novel cationic cryptides in *Penaeus vannamei* demonstrate antimicrobial and anti-cancer activities

Amr Adel Ahmed Abd El-Aal, Fairen Angelin Jayakumar, Chandrajit Lahiri, Kuan Onn Tan & Kavita Reginald

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Abstract

Cryptides are a subfamily of bioactive peptides that exist in all living organisms. They are latently encrypted in their parent sequences and exhibit a wide range of biological activities when decrypted via in vivo or in vitro proteases. Cationic cryptides tend to be drawn to the negatively charged membranes of microbial and cancer cells, causing cell death through various mechanisms. This makes them promising candidates for alternative antimicrobial and anti-cancer therapies, as their mechanism of action is independent of gene mutations. In the current study, we employed an in silico approach to identify novel cationic cryptides with potential antimicrobial and anti-cancer activities in atypical and systematic strategy by reanalysis of a publicly available RNA-seq dataset of Pacific white shrimp (*Penaus vannamei*) in response to bacterial infection. Out of 12 cryptides identified, five were selected based on their net charges and potential for cell penetration. Following chemical synthesis, the

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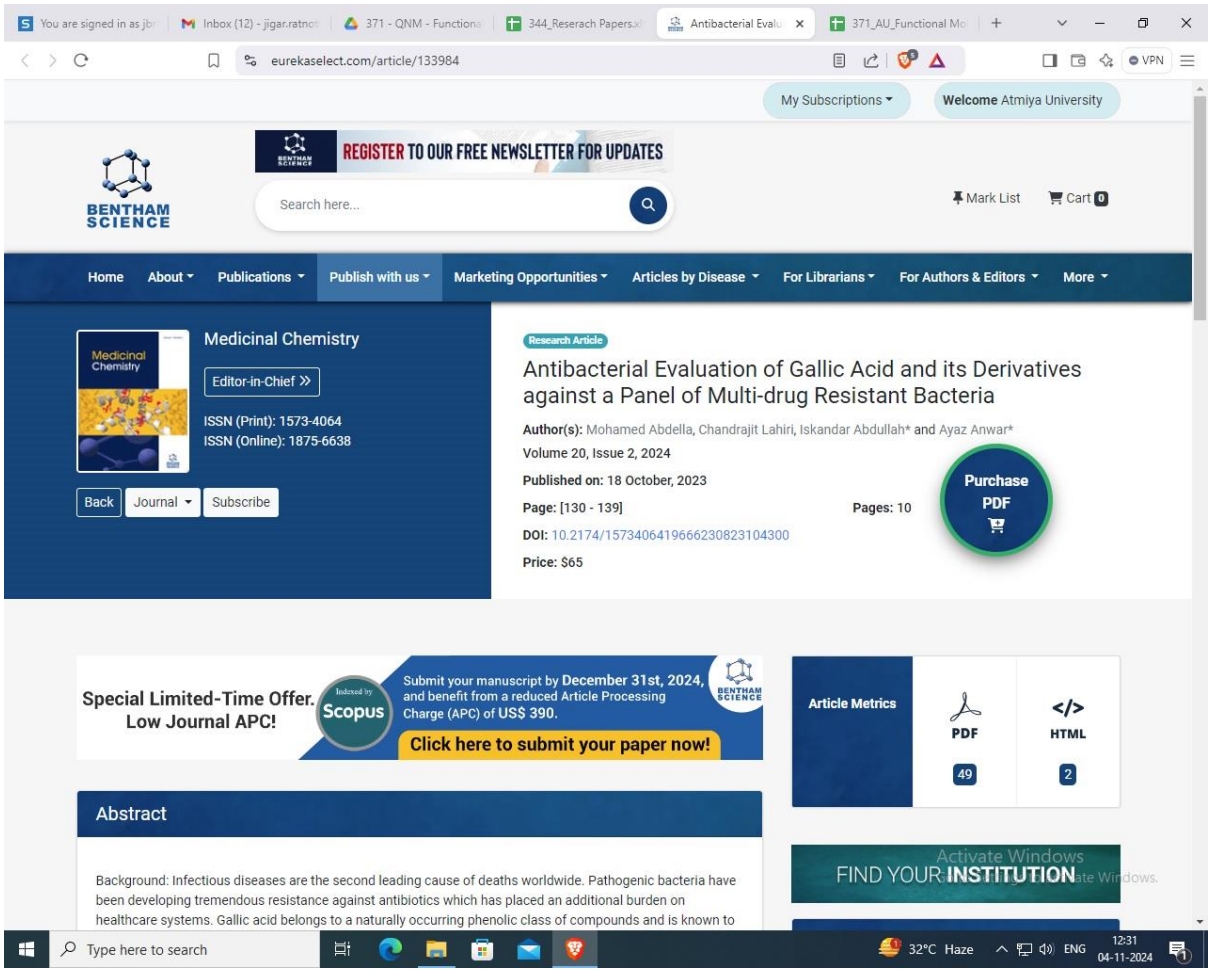

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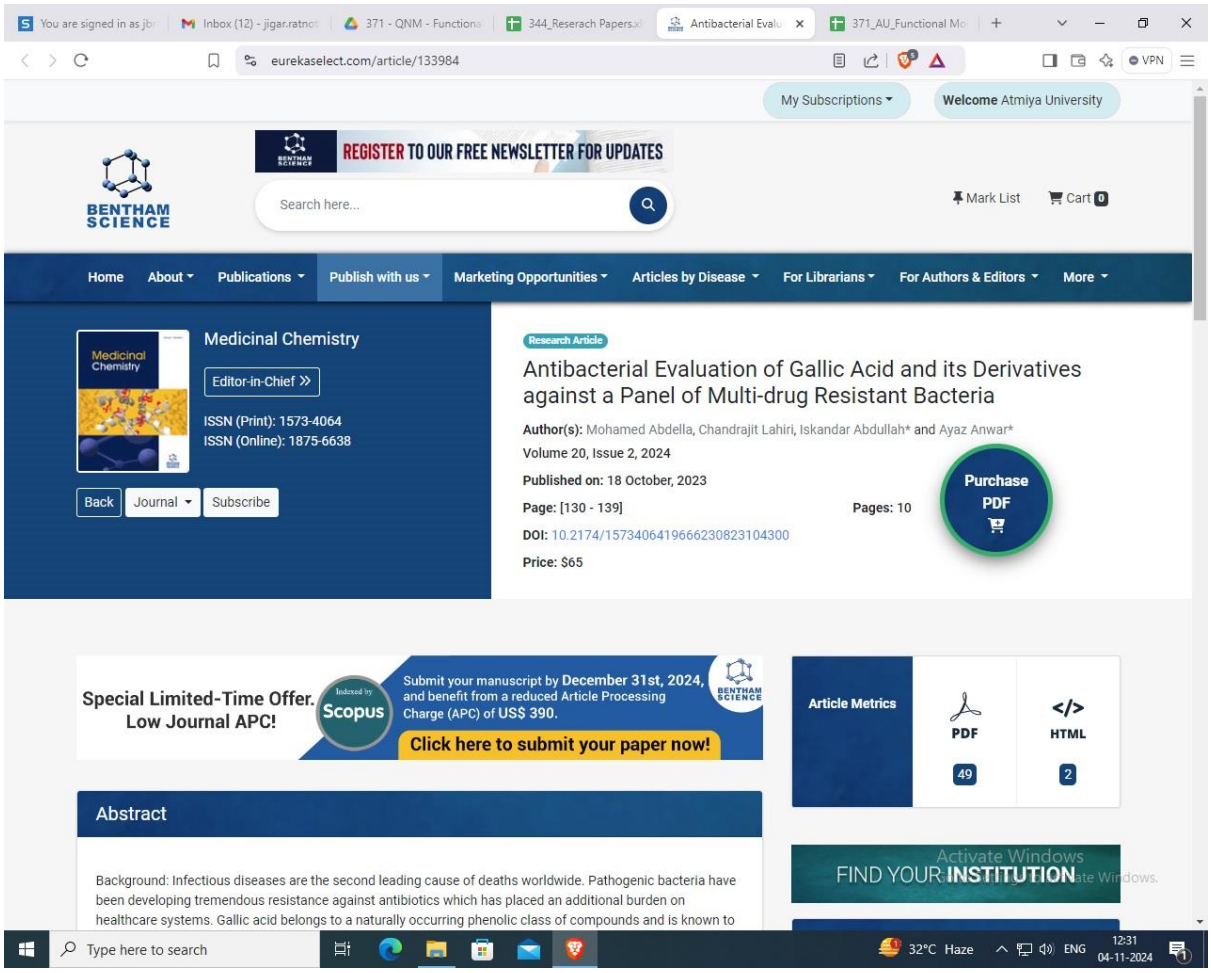

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CERVICAL CANCER SCREENING AND ITS OUTCOME - AN OBSERVATIONAL STUDY

MASHRU R[1], BANERJEE D[2*], PARMAR D[3*], POPAT V[4], PARMAR M[5] AND TANNA D[6]

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ABSTRACT

With knowledge of the signs and cancer screening programs, cervical cancer can be detected early. It has been discovered that with early detection campaigns, the annual incidence and prevalence have fallen by 50–70% in several developed countries. The incidence of HPV related cervical happens most in developing countries; because of their poor screening systems in public healthcare systems. To screen patients for cervical cancer and study the symptoms presented. We screened 498 women for cervical cancer during our study period i.e., 6 months in G. G. G. Hospital, Jamnagar. We collected the personal and clinical history of the patients from the Gynecology department. PAP test was carried out as our routine cytopathology practice. Patients age ranges from 18 to 86 years and most patients fall between 26 to 45 years.

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Antifungal Activity of Some Plant Extracts on *Alternaria burnsii*: The Causal Agent of Alternaria Blight of Cumin

Actividad antifúngica de algunos extractos de plantas en *Alternaria burnsii*: el agente causal del tizón del comino por *Alternaria*

Bhavna Jagani[1*], Minaxi Parmar[2], Dr. V N Patel[3], Dr. Nutan Prakash Vishwakarma[4]

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ABSTRACT

Cumin is a vital seed spice crop in India. The most dreaded disease in the cumin crop is Alternaria blight, caused by *Alternaria burnsii*. It is a significant production constraint for cultivating the cumin crop in Gujarat as in India. Eight different plant species were utilized for the eco-friendly management of this disease. The experiment on managing Alternaria blight of cumin was conducted at Atmiya University, Rajkot. Crude plant extracts were prepared in water, acetone, and cow urine as solvents at different concentrations (5%, 10%, and 15%). The poisoned food technique determined the in vitro antifungal activity of these plant extracts. Based on in vitro studies, all the plants exhibited significant antifungal activity. During the research work, it was found that the highest inhibition was recorded for Azadirachta *indica* (78.15%) extract prepared in acetone, followed by *Mimuspos elengi* (67.75%) extract prepared in cow urine at 15% concentration (at p≤0.01). The lowest inhibition was recorded for *Aloe barbadensis miller* (40.24%), and *Annona reticulata* (43.48%) extract prepared in water at 15% concentration.

Keywords: Alternaria blight, *Alternaria burnsii*, plant extract, antifungal activity, PDA media, poison food technique.

RESUMEN

El comino es un cultivo vital de semillas de especias en la India. La enfermedad más temida en el cultivo del comino es el tizón de Alternaria, causado por *Alternaria burnsii*. Es una limitación de producción significativa para el cultivo de comino en Gujarat como en la India. Se utilizaron ocho especies de plantas diferentes para el

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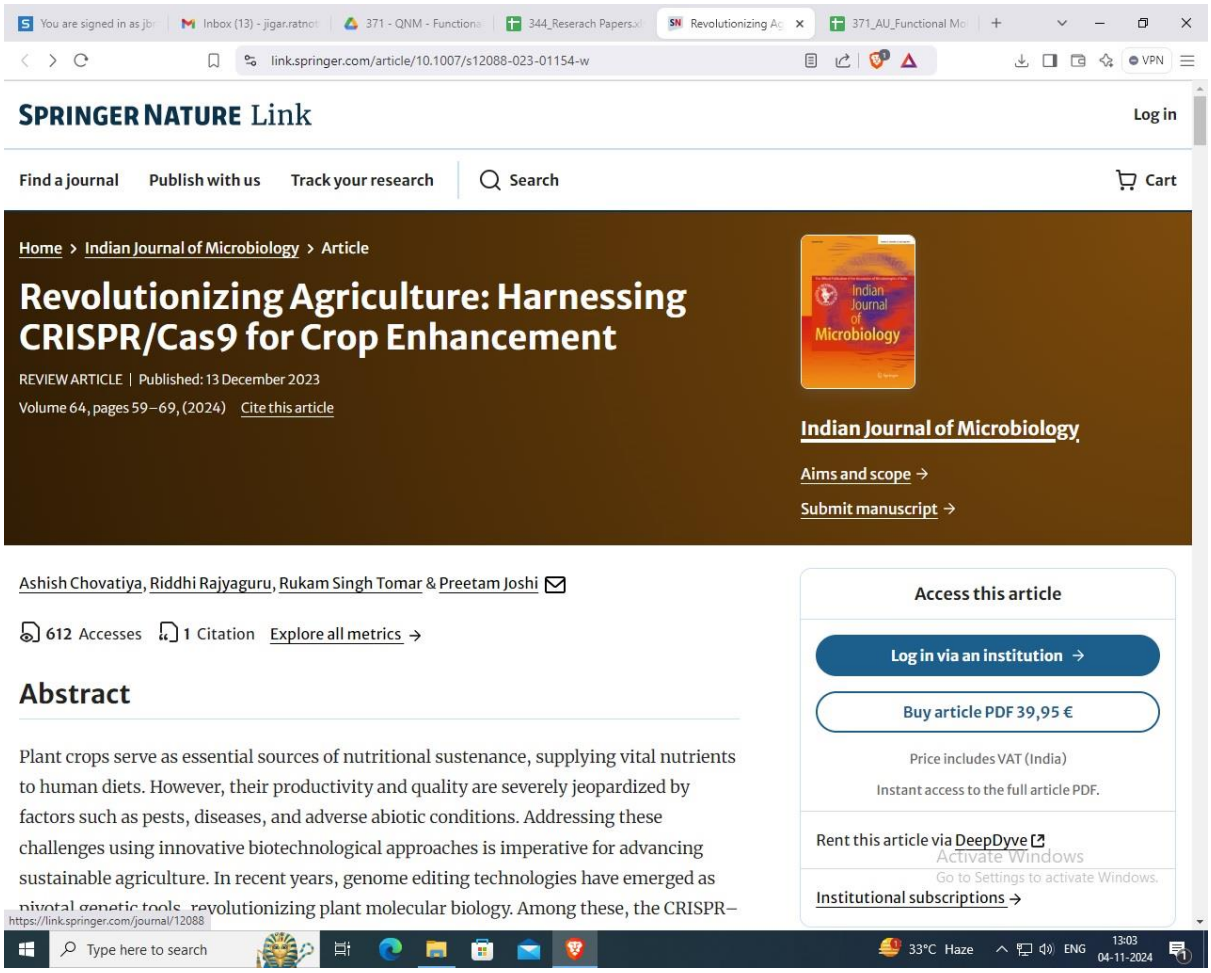

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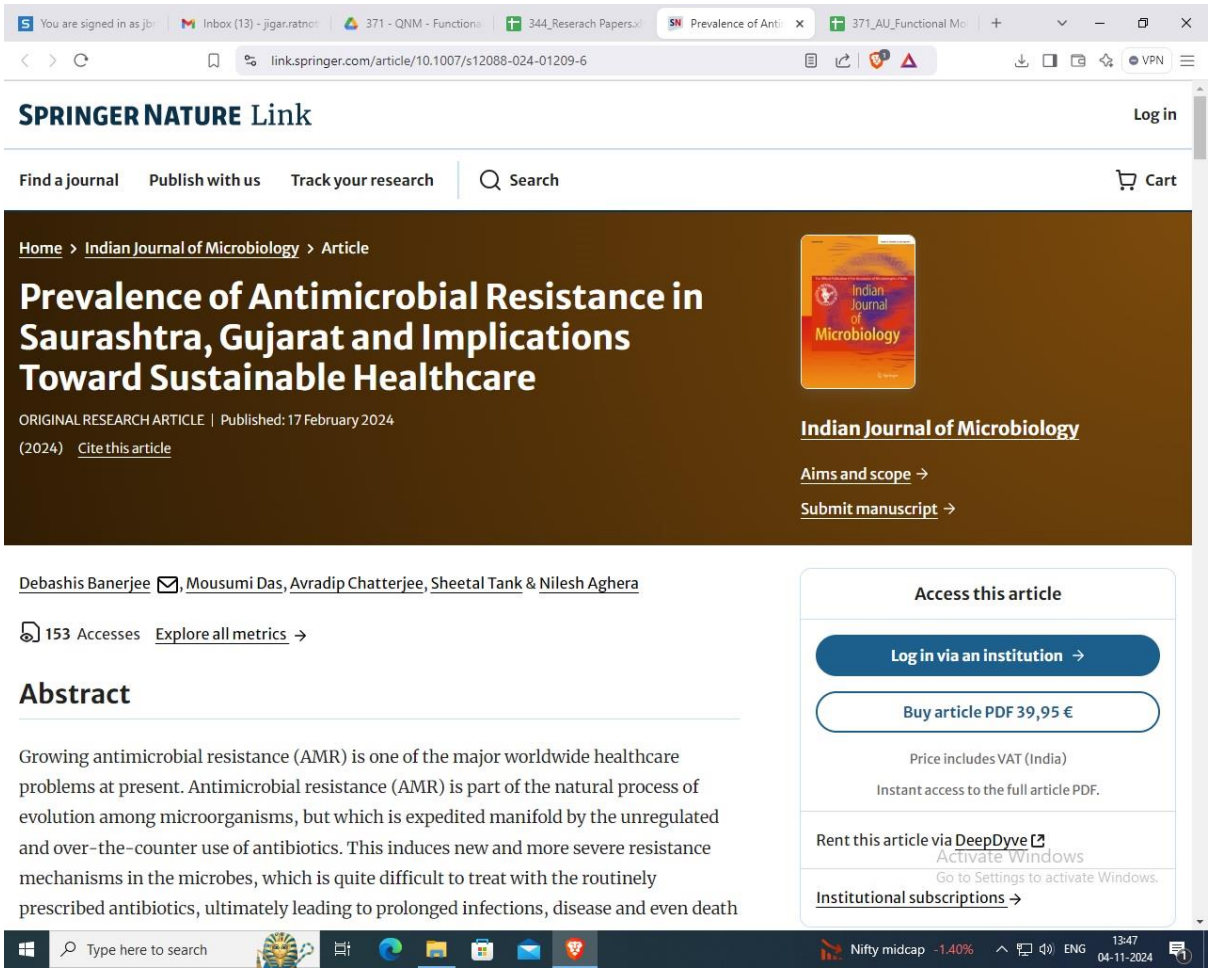

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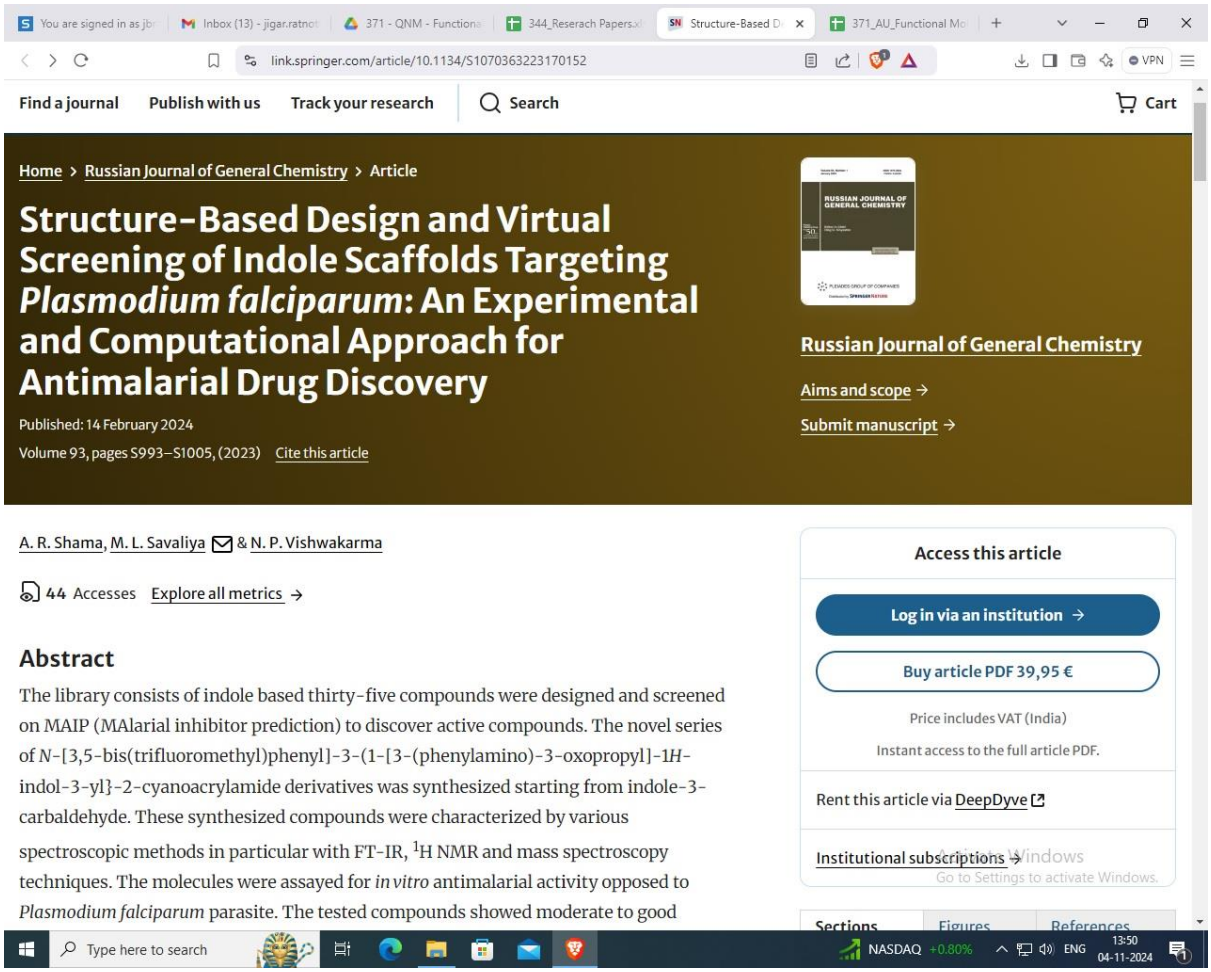

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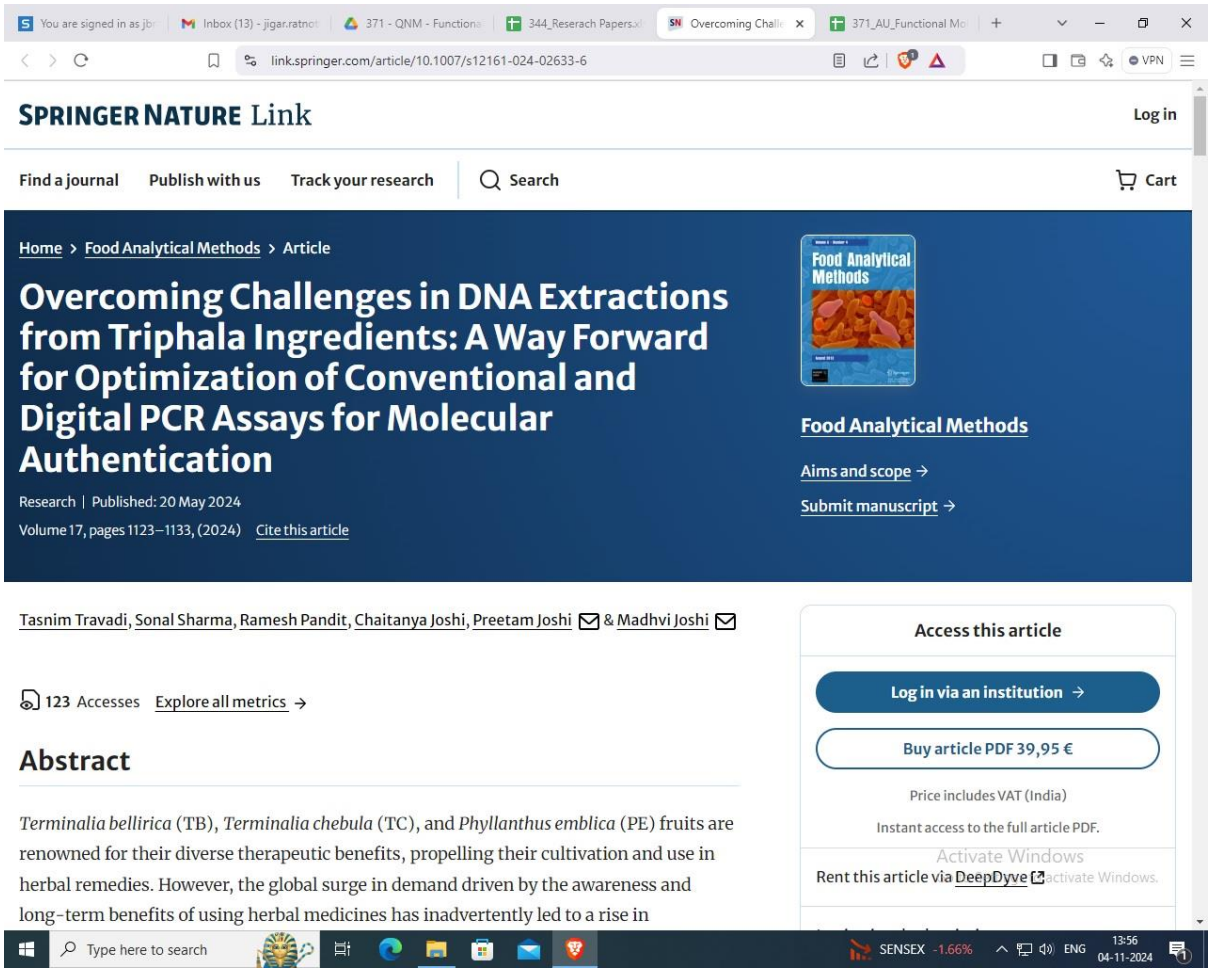

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Research | Published: 20 May 2024

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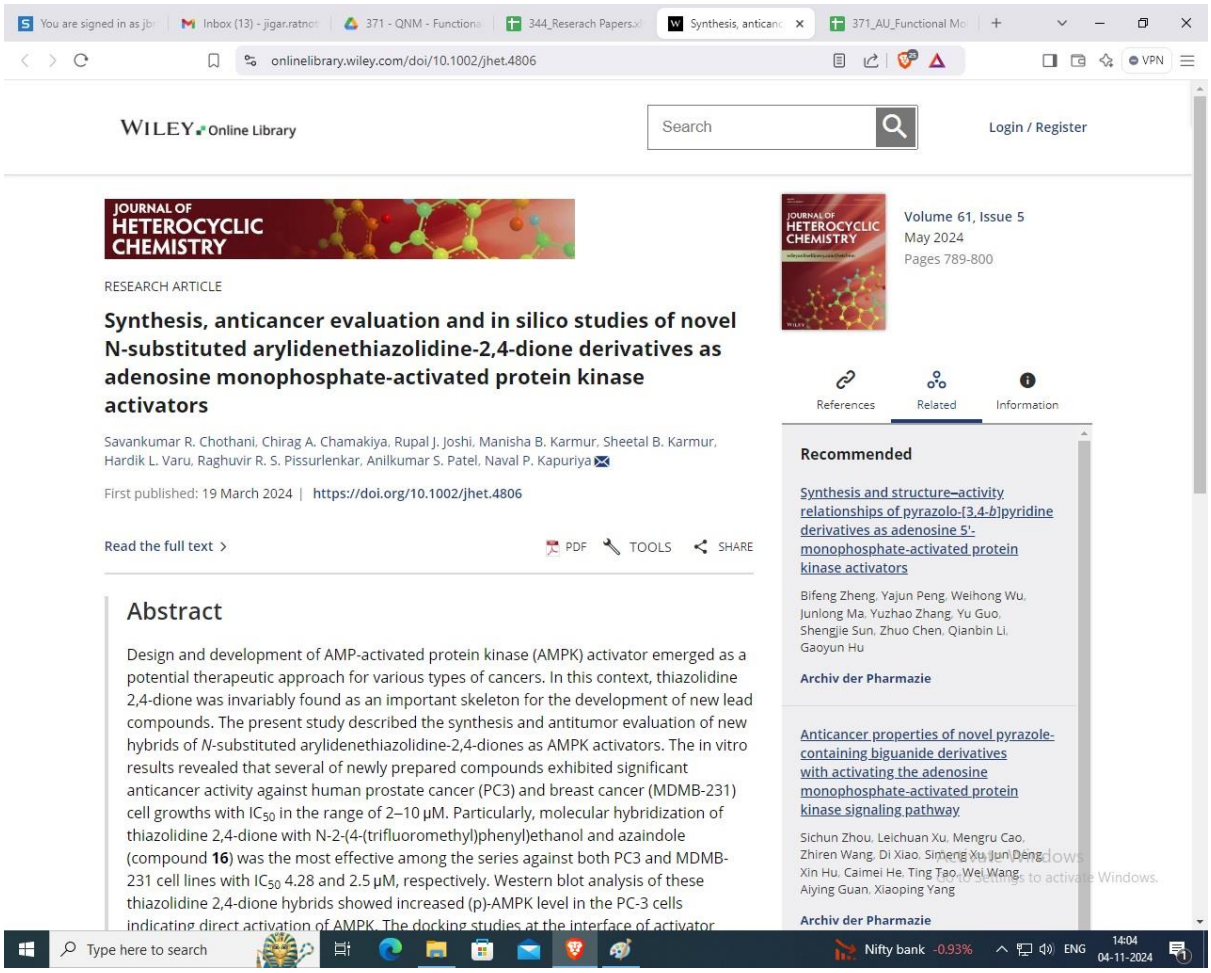

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May 2024
Pages 789-800

RESEARCH ARTICLE

Synthesis, anticancer evaluation and in silico studies of novel N-substituted arylidenethiazolidine-2,4-dione derivatives as adenosine monophosphate-activated protein kinase activators

Savankumar R. Chothani, Chirag A. Chamakiya, Rupal J. Joshi, Manisha B. Karmur, Sheetal B. Karmur, Hardik L. Varu, Raghuvir R. S. Pissurlenkar, Anilkumar S. Patel, Naval P. Kapuriya

First published: 19 March 2024 | https://doi.org/10.1002/jhet.4806

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Bifeng Zheng, Yajun Peng, Weihong Wu, Junlong Ma, Yuzhao Zhang, Yu Guo, Shengjie Sun, Zhuo Chen, Qianbin Li, Gaoyun Hu

Archiv der Pharmazie

Anticancer properties of novel pyrazole-containing biguanide derivatives with activating the adenosine monophosphate-activated protein kinase signaling pathway

Sichun Zhou, Leichuan Xu, Mengru Cao, Zhiren Wang, Di Xiao, Simeng Xu, Jun Deng, Xin Hu, Caimei He, Ting Tao, Wei Wang, Aiying Guan, Xiaoping Yang

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Abstract

Design and development of AMP-activated protein kinase (AMPK) activator emerged as a potential therapeutic approach for various types of cancers. In this context, thiazolidine 2,4-dione was invariably found as an important skeleton for the development of new lead compounds. The present study described the synthesis and antitumor evaluation of new hybrids of *N*-substituted arylidenethiazolidine-2,4-diones as AMPK activators. The in vitro results revealed that several of newly prepared compounds exhibited significant anticancer activity against human prostate cancer (PC3) and breast cancer (MDMB-231) cell growths with IC_{50} in the range of 2–10 μM. Particularly, molecular hybridization of thiazolidine 2,4-dione with N-2-(4-(trifluoromethyl)phenyl)ethanol and azaindole (compound **16**) was the most effective among the series against both PC3 and MDMB-231 cell lines with IC_{50} 4.28 and 2.5 μM, respectively. Western blot analysis of these thiazolidine 2,4-dione hybrids showed increased (p)-AMPK level in the PC-3 cells indicating direct activation of AMPK. The docking studies at the interface of activator

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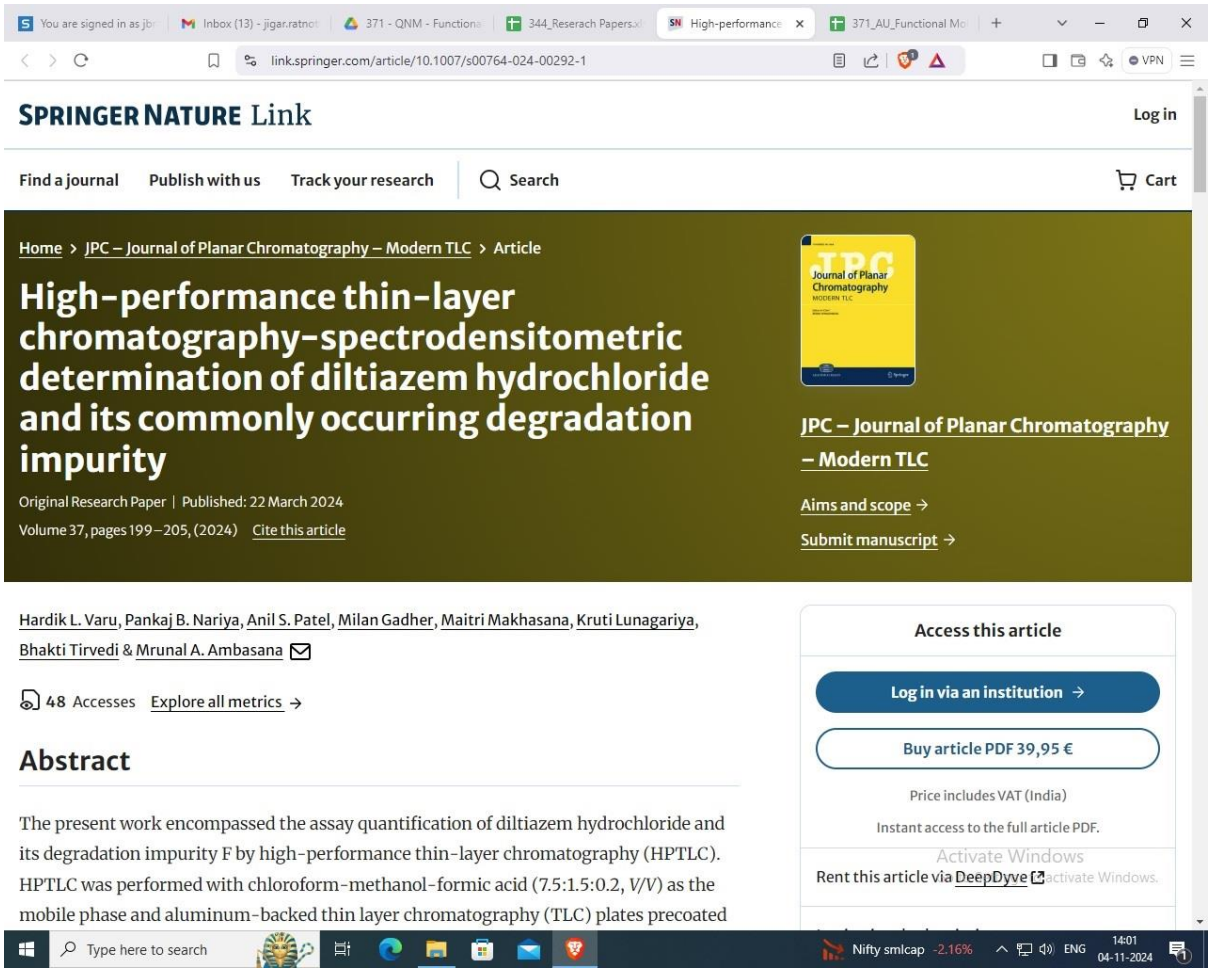

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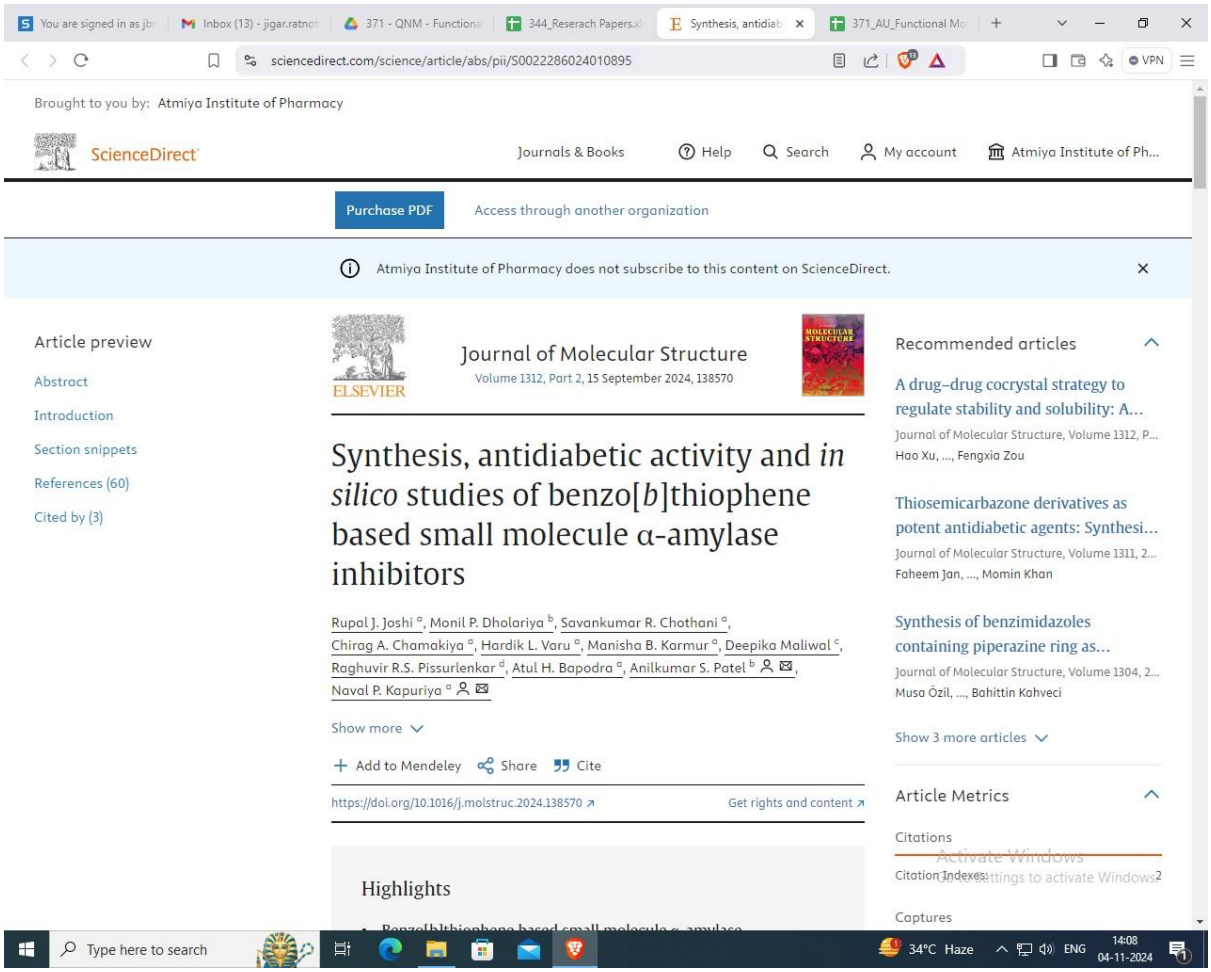

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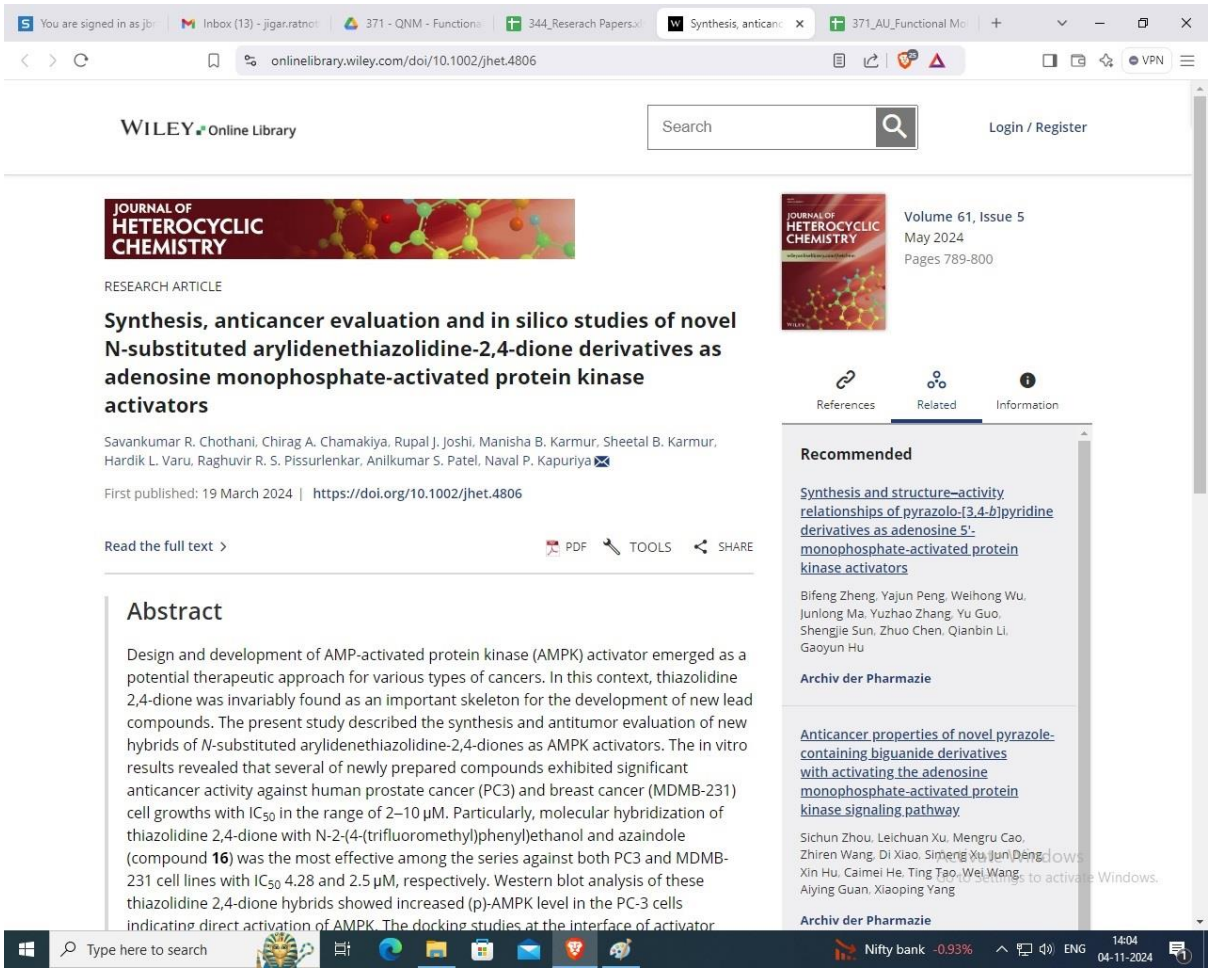

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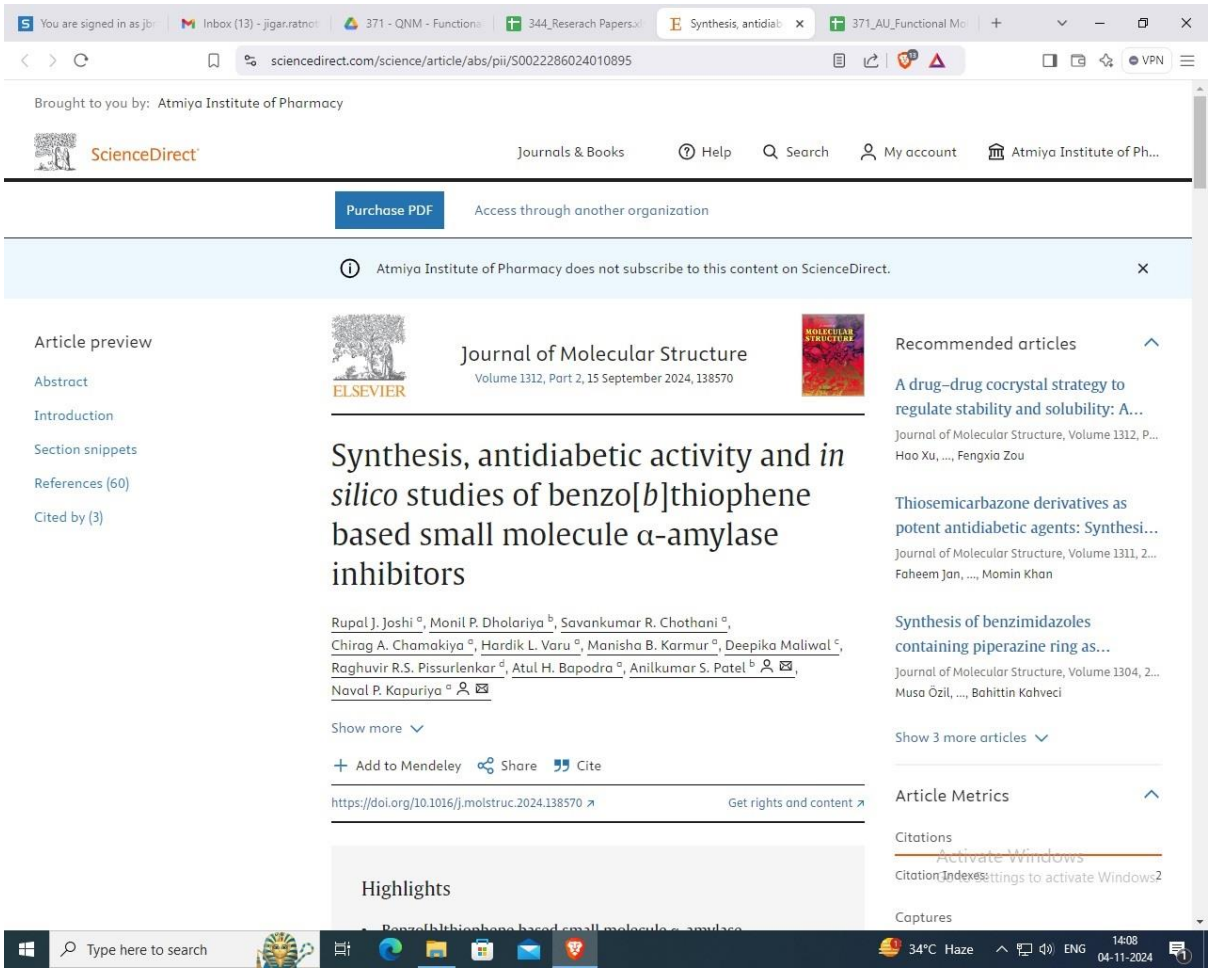

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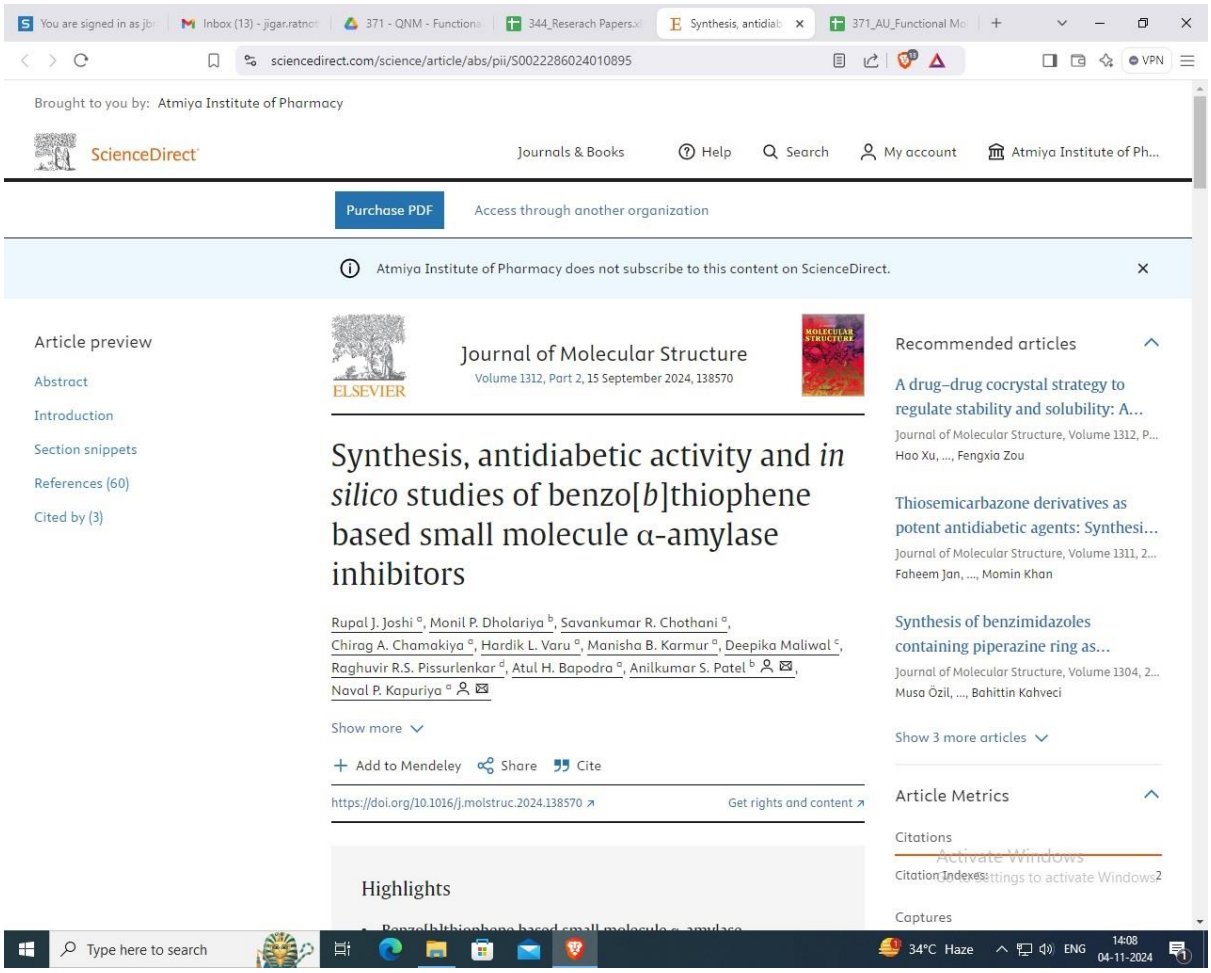

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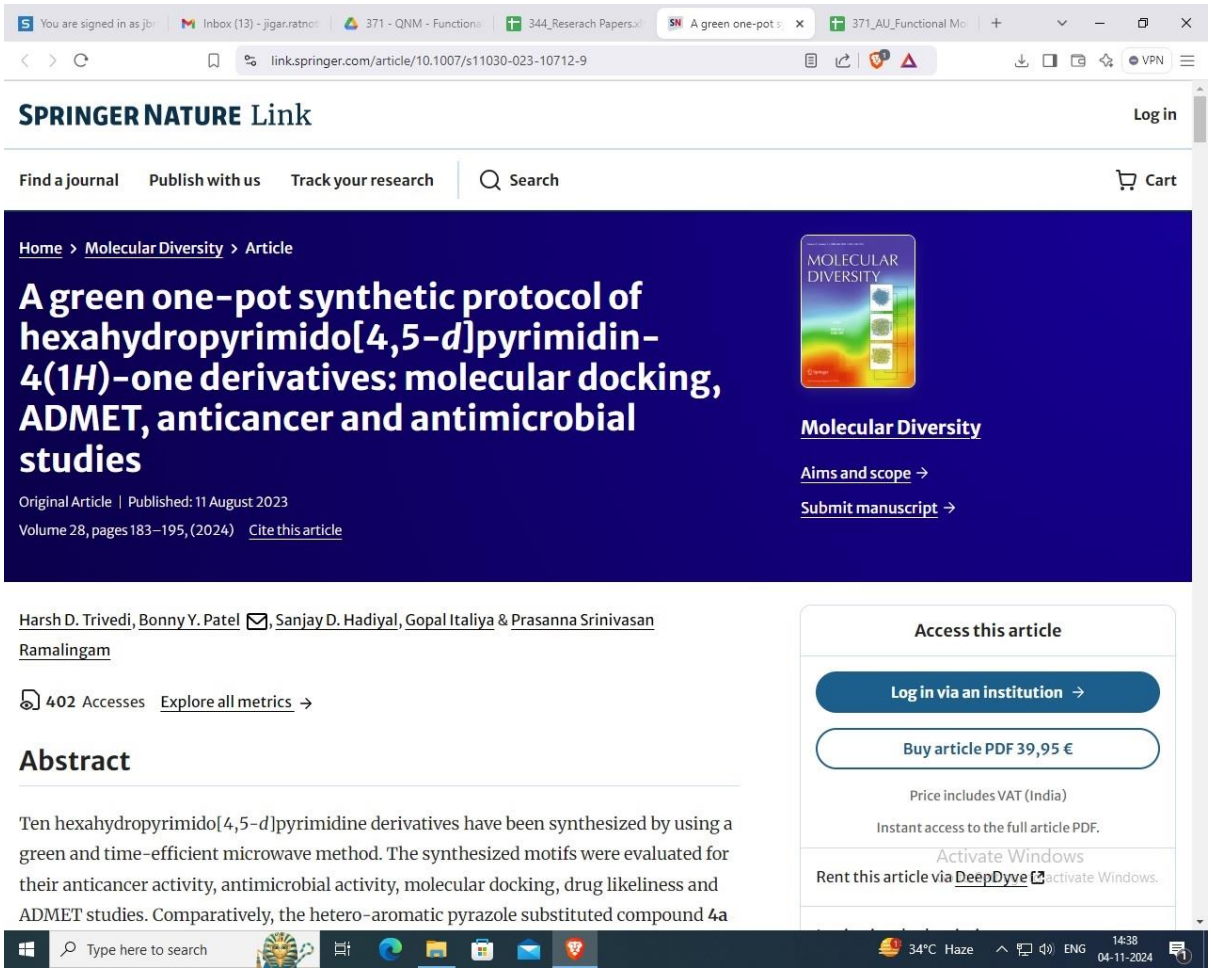

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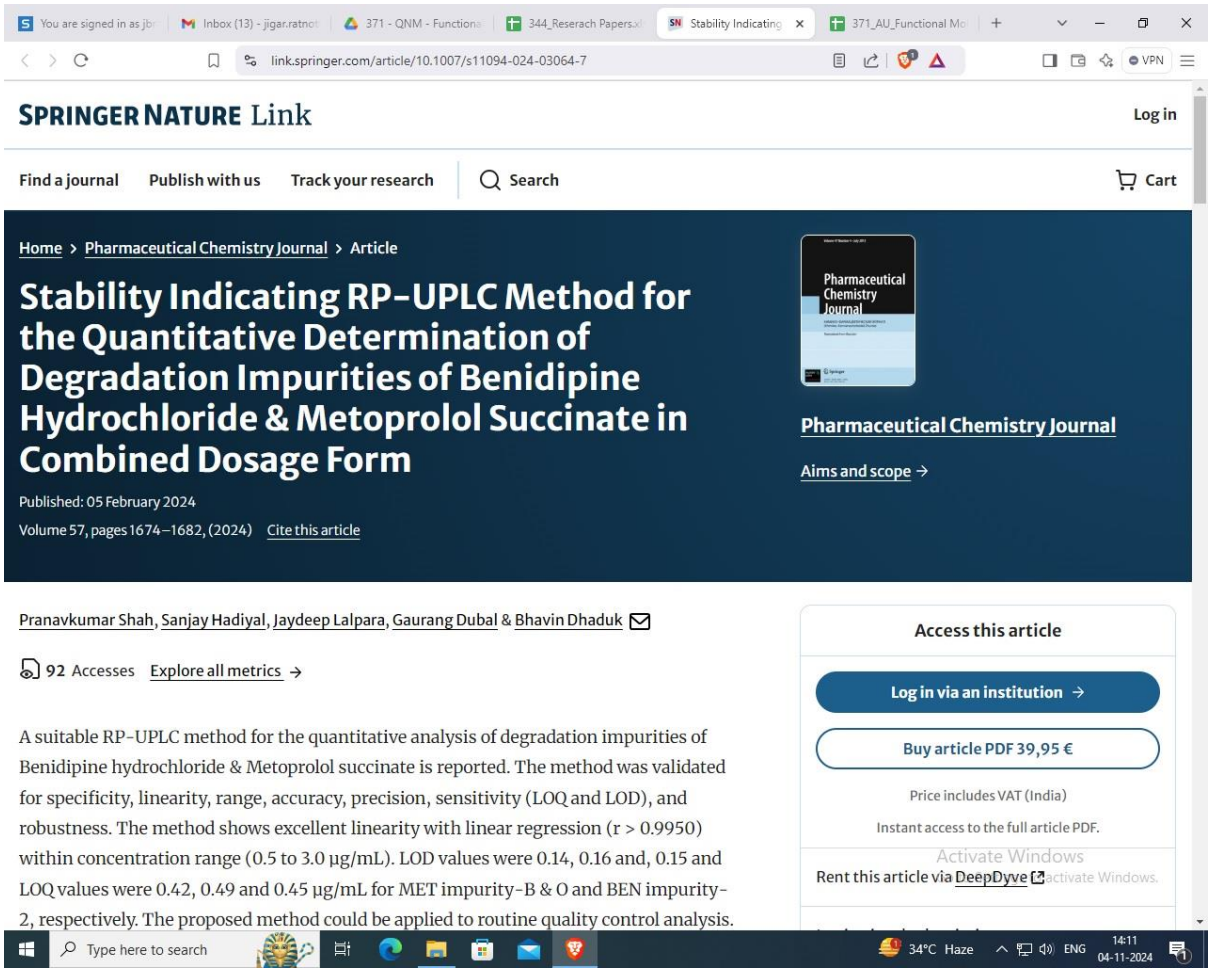

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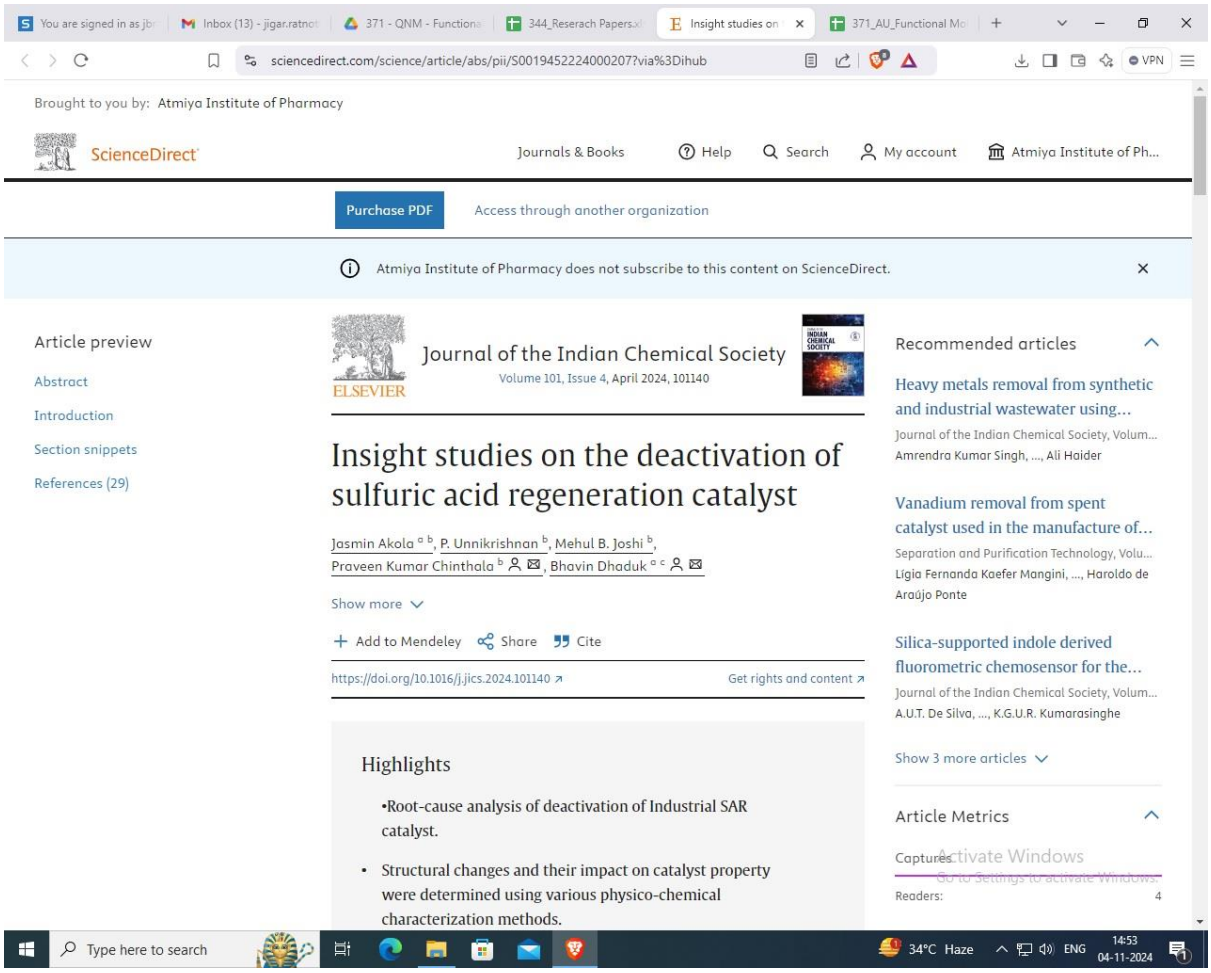

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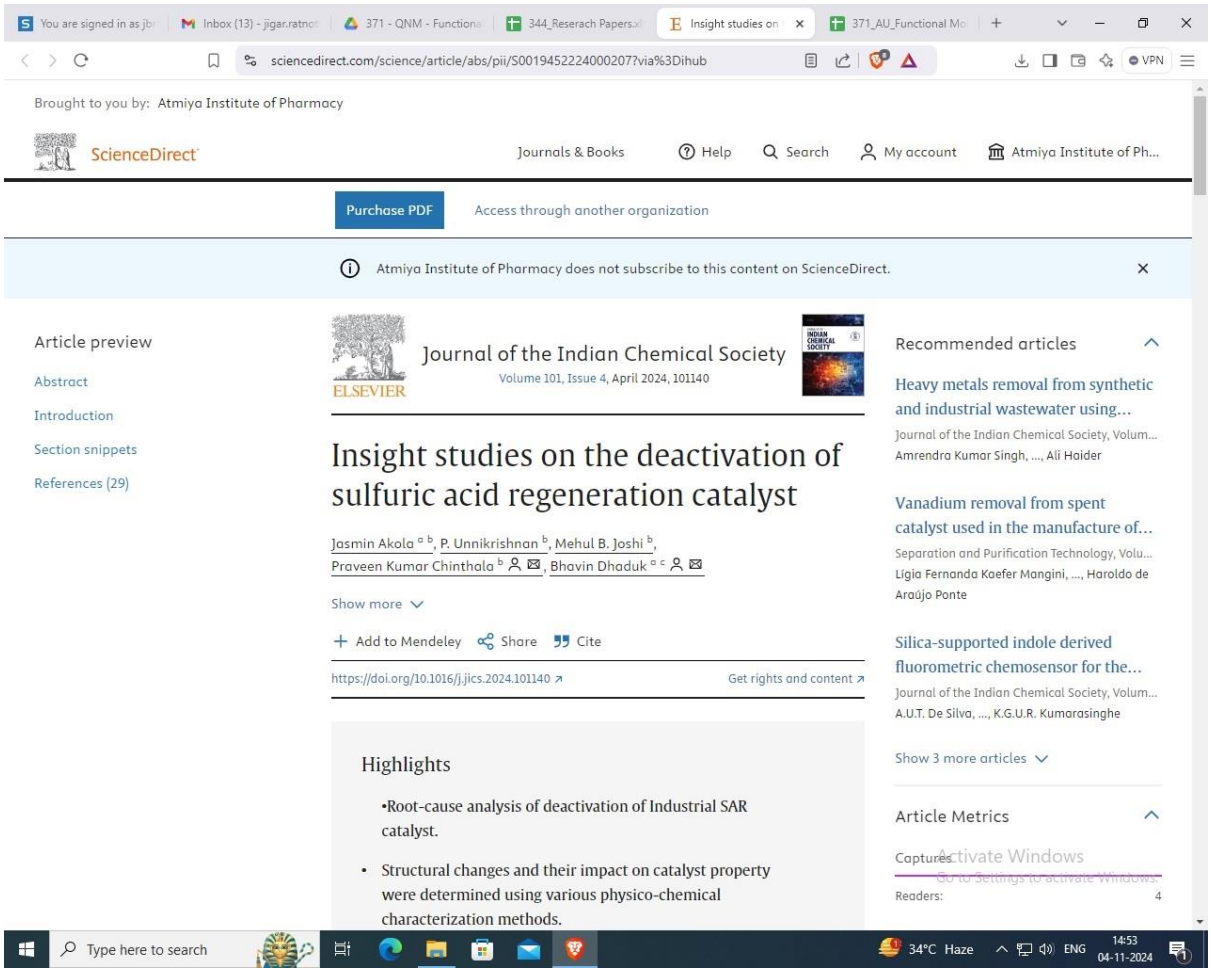

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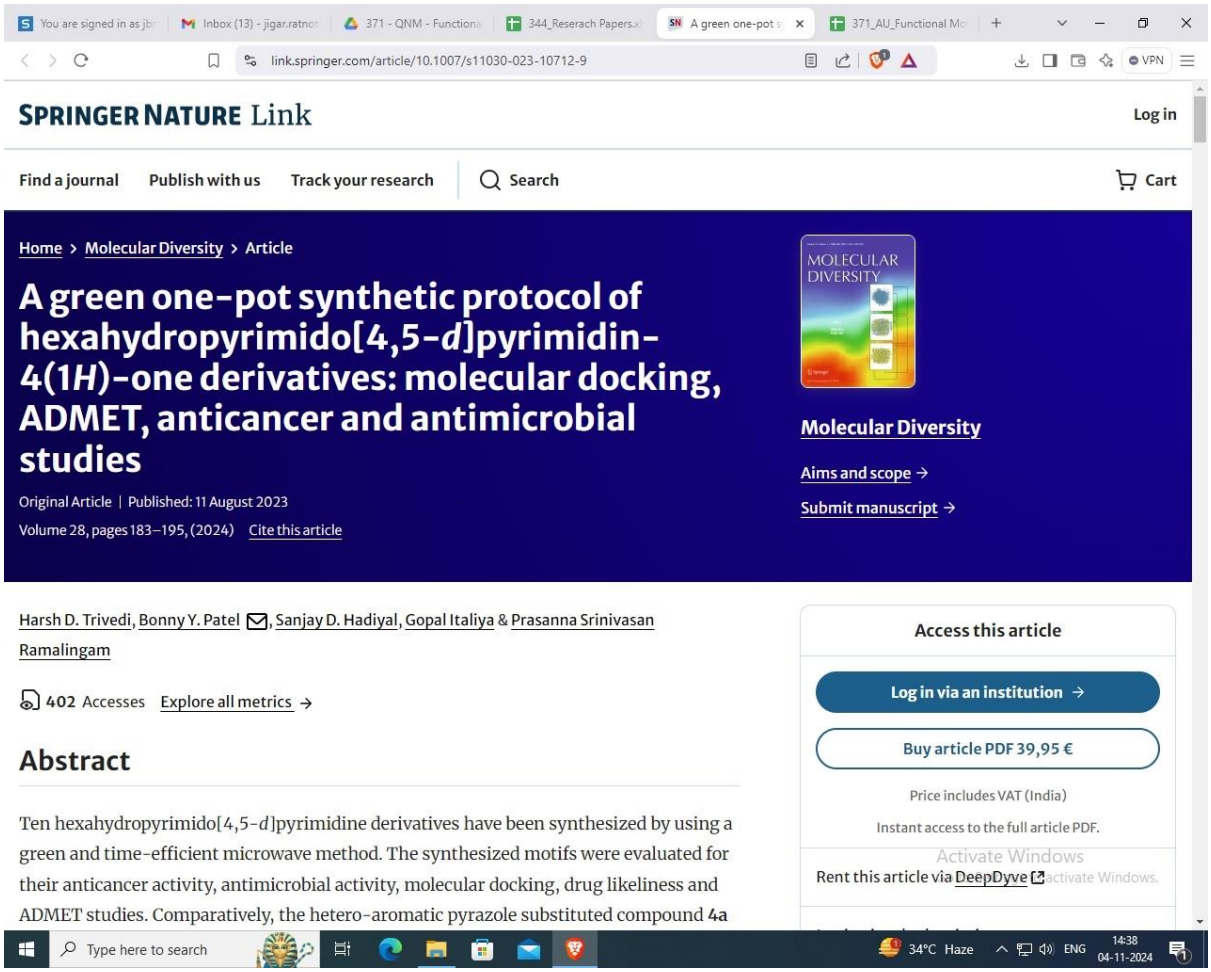

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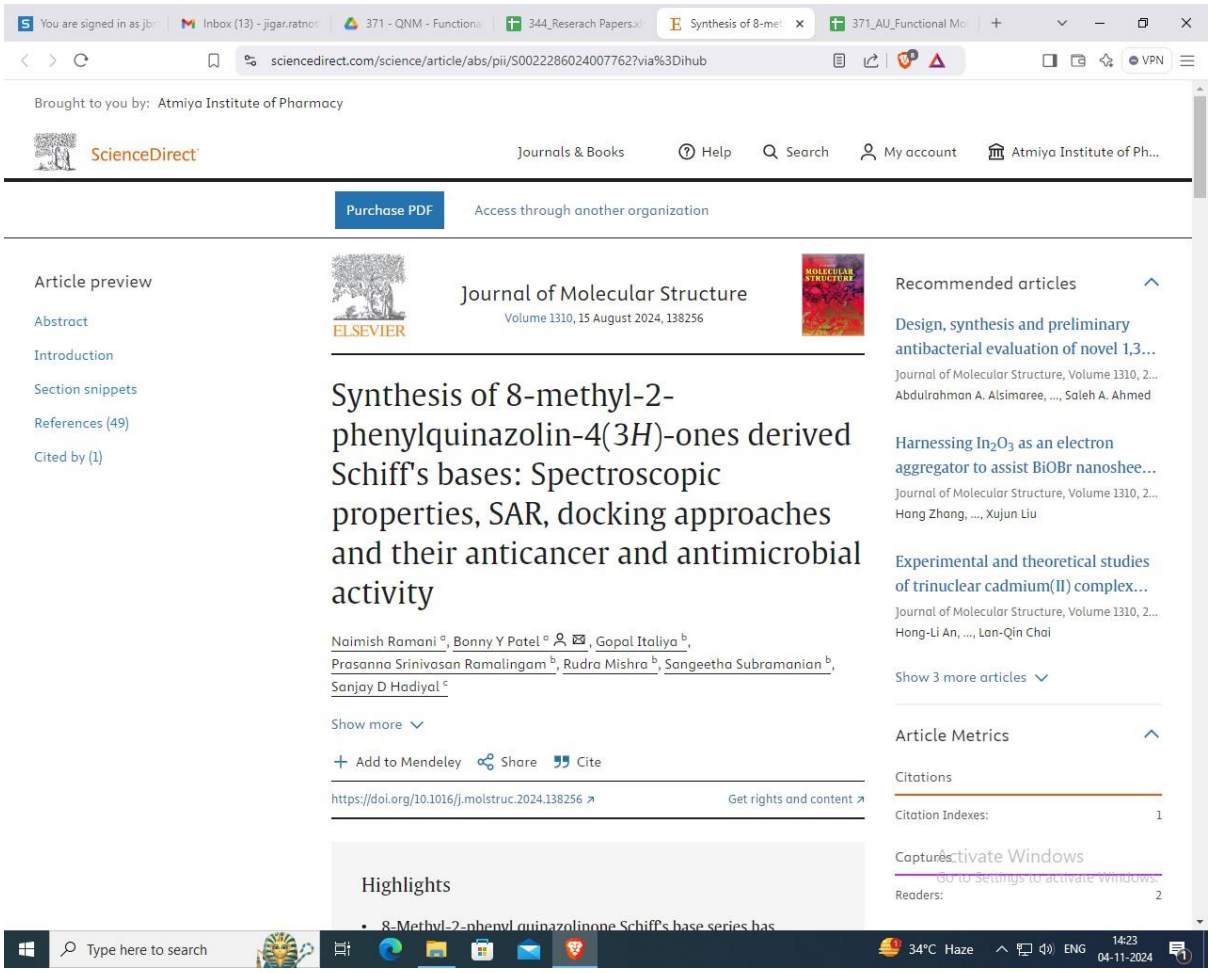

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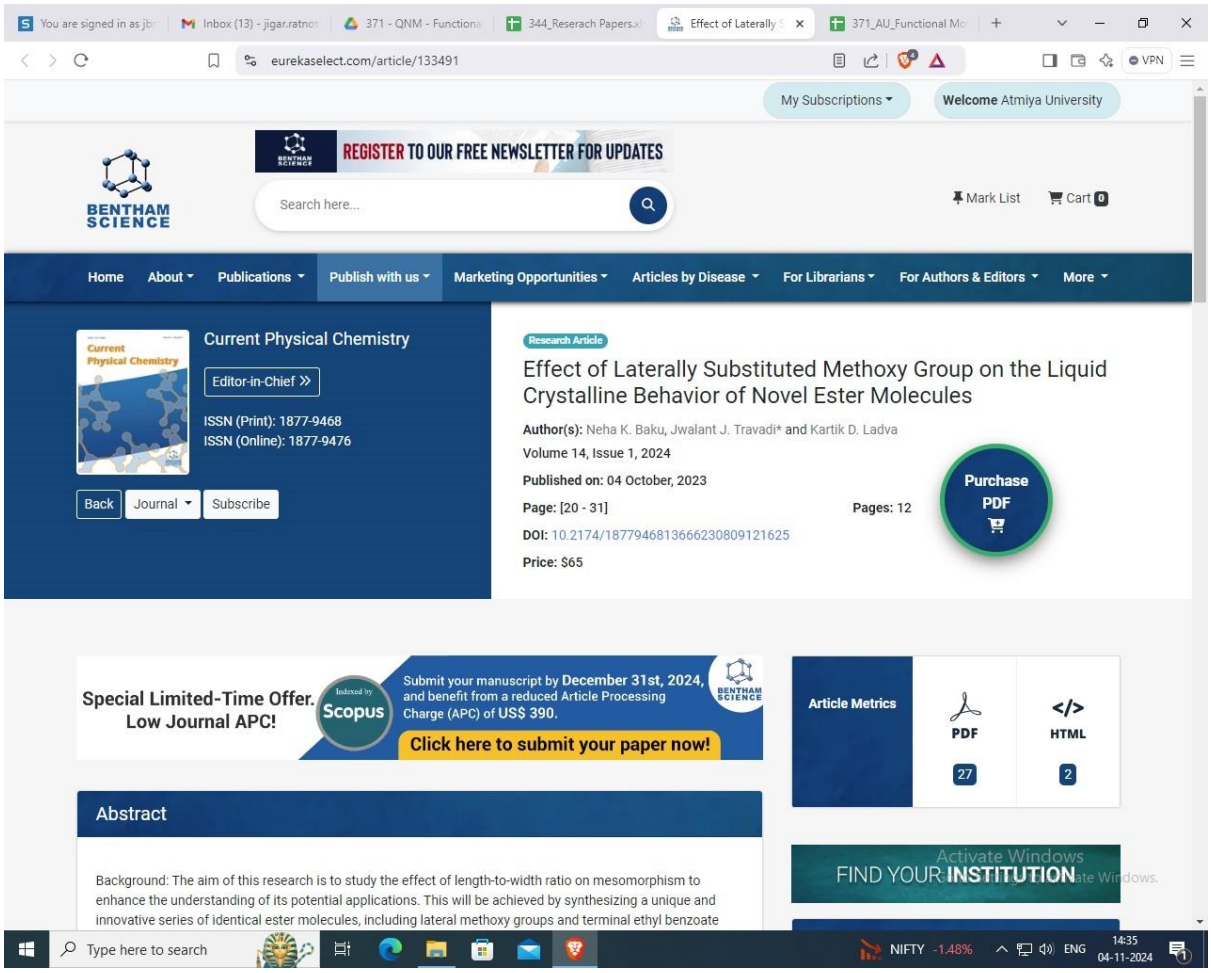

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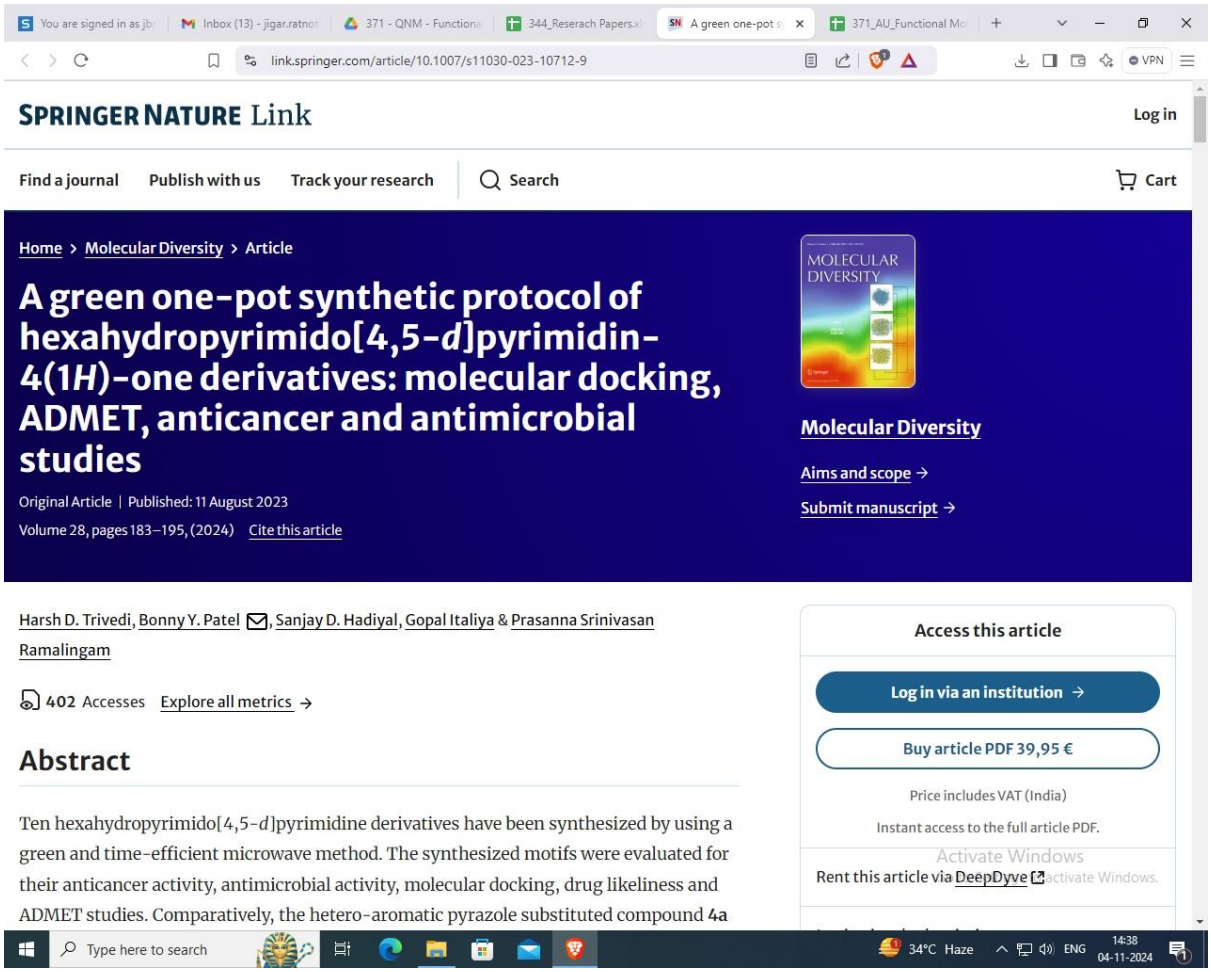

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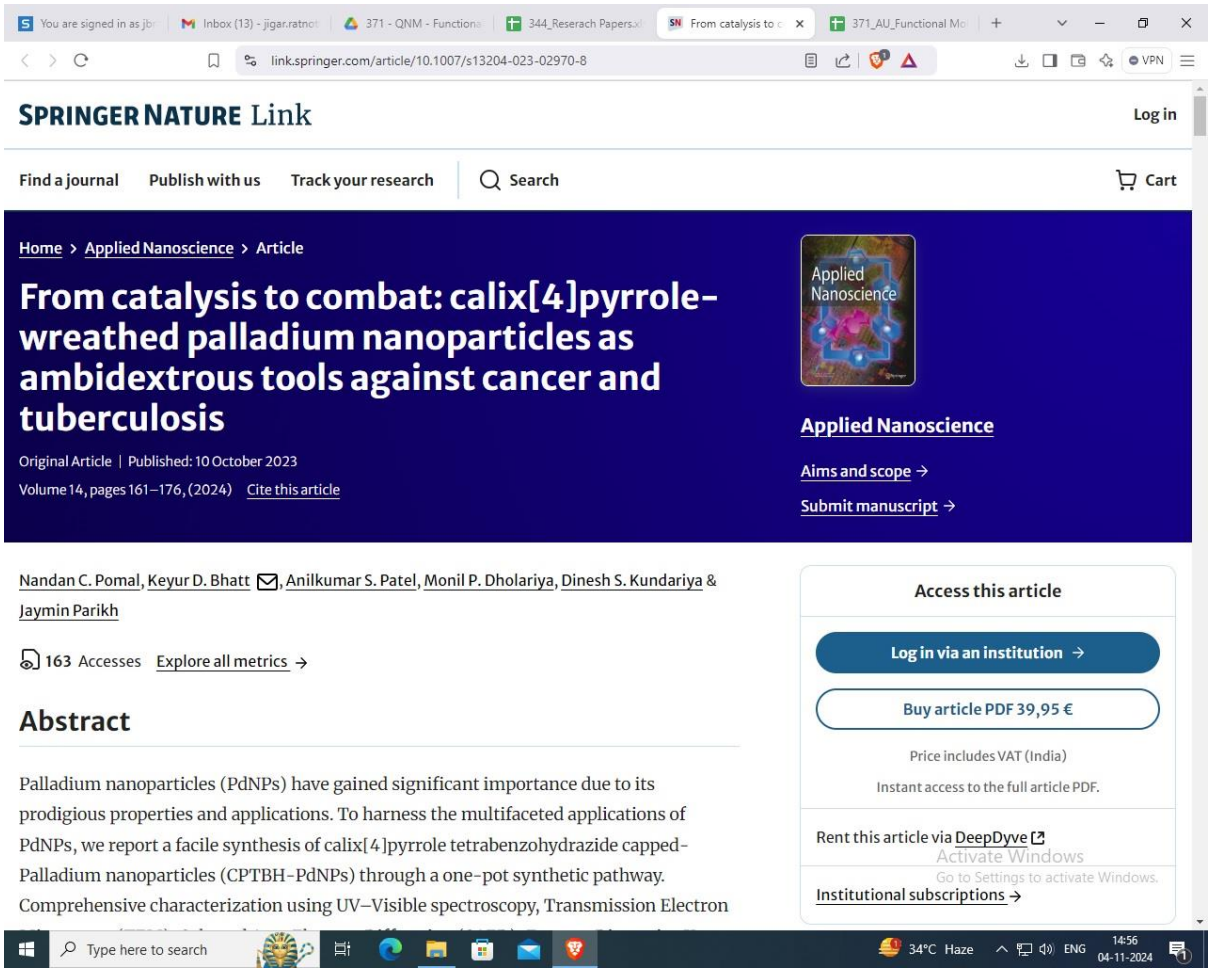

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From catalysis to combat: calix[4]pyrrole-wreathed palladium nanoparticles as ambidextrous tools against cancer and tuberculosis

Original Article | Published: 10 October 2023

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Abstract

Palladium nanoparticles (PdNPs) have gained significant importance due to its prodigious properties and applications. To harness the multifaceted applications of PdNPs, we report a facile synthesis of calix[4]pyrrole tetrabenzohydrazide capped-Palladium nanoparticles (CPTBH-PdNPs) through a one-pot synthetic pathway. Comprehensive characterization using UV–Visible spectroscopy, Transmission Electron

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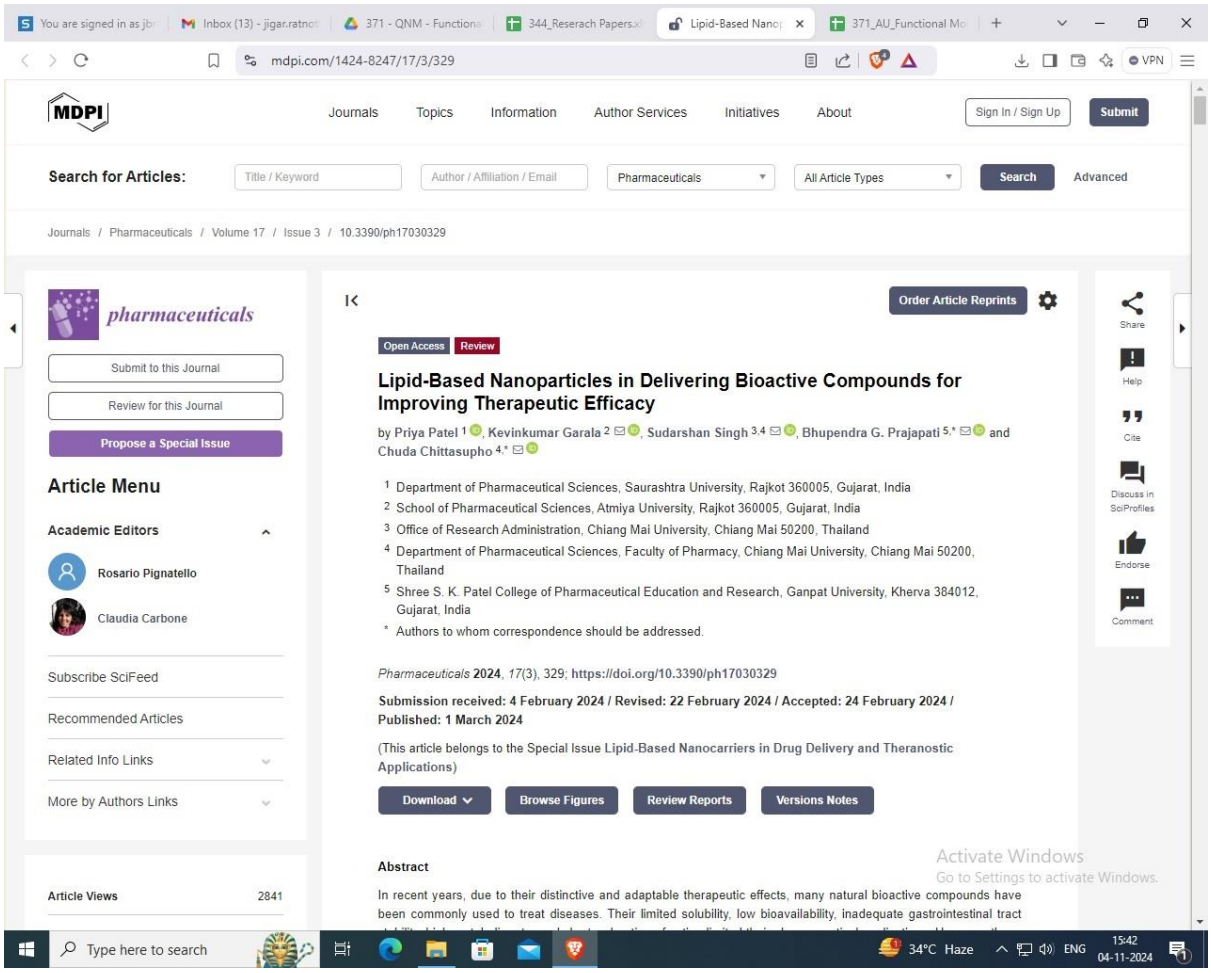

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Lipid-Based Nanoparticles in Delivering Bioactive Compounds for Improving Therapeutic Efficacy

by Priya Patel [1], Kevinkumar Garala [2], Sudarshan Singh [3,4], Bhupendra G. Prajapati [5,*] and Chuda Chittasupho [4,*]

1 Department of Pharmaceutical Sciences, Saurashtra University, Rajkot 360005, Gujarat, India
2 School of Pharmaceutical Sciences, Atmiya University, Rajkot 360005, Gujarat, India
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(This article belongs to the Special Issue Lipid-Based Nanocarriers in Drug Delivery and Theranostic Applications)

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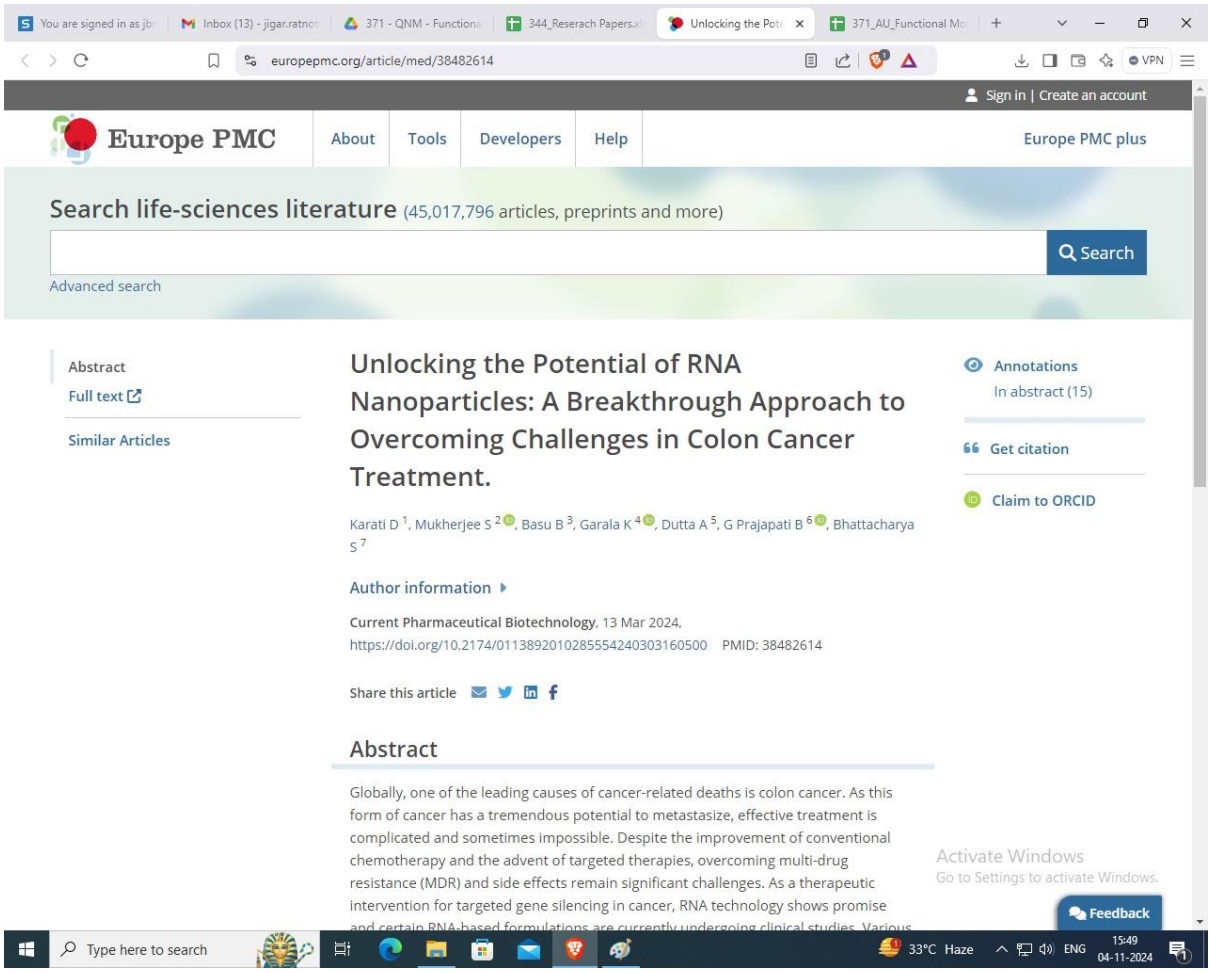

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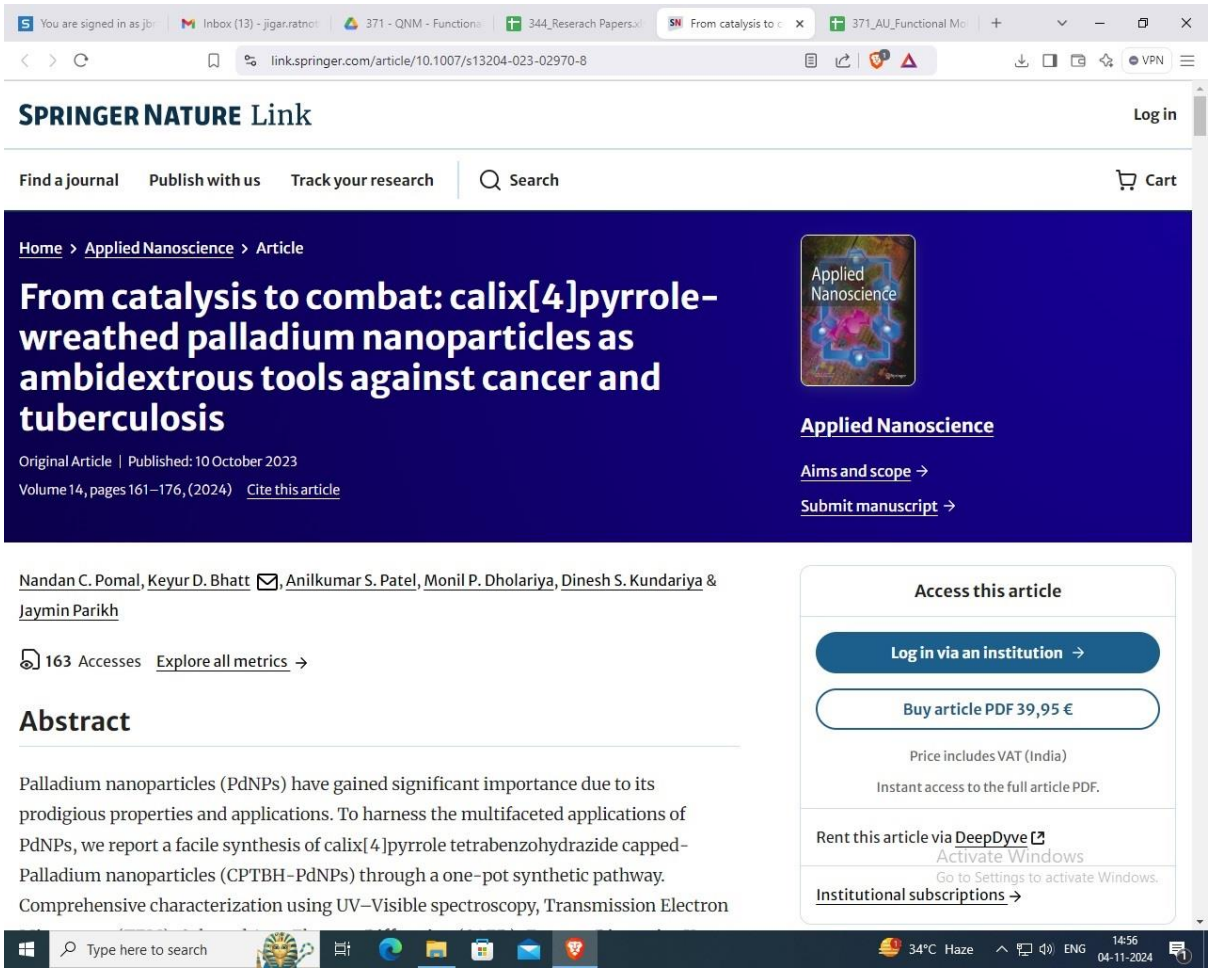

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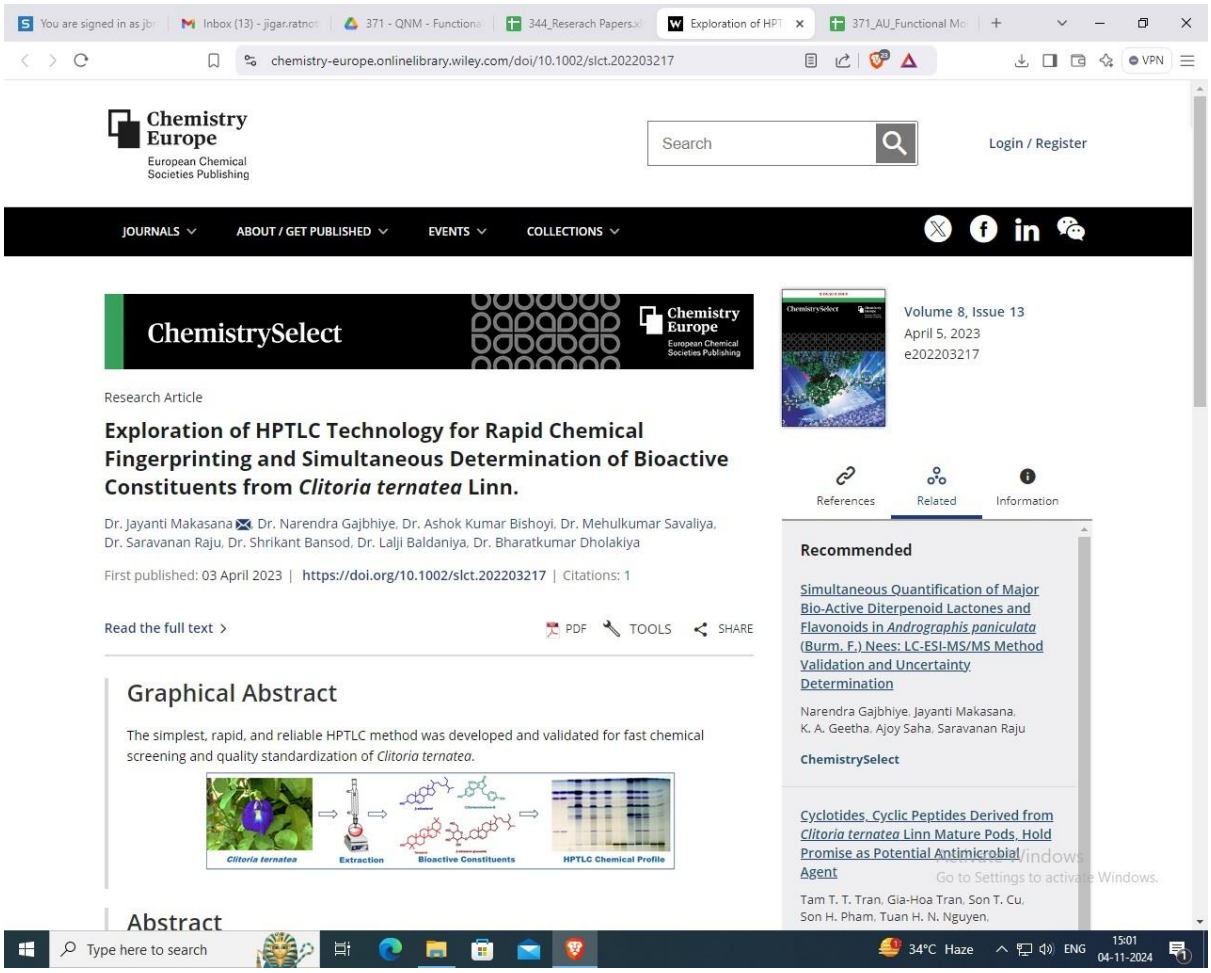

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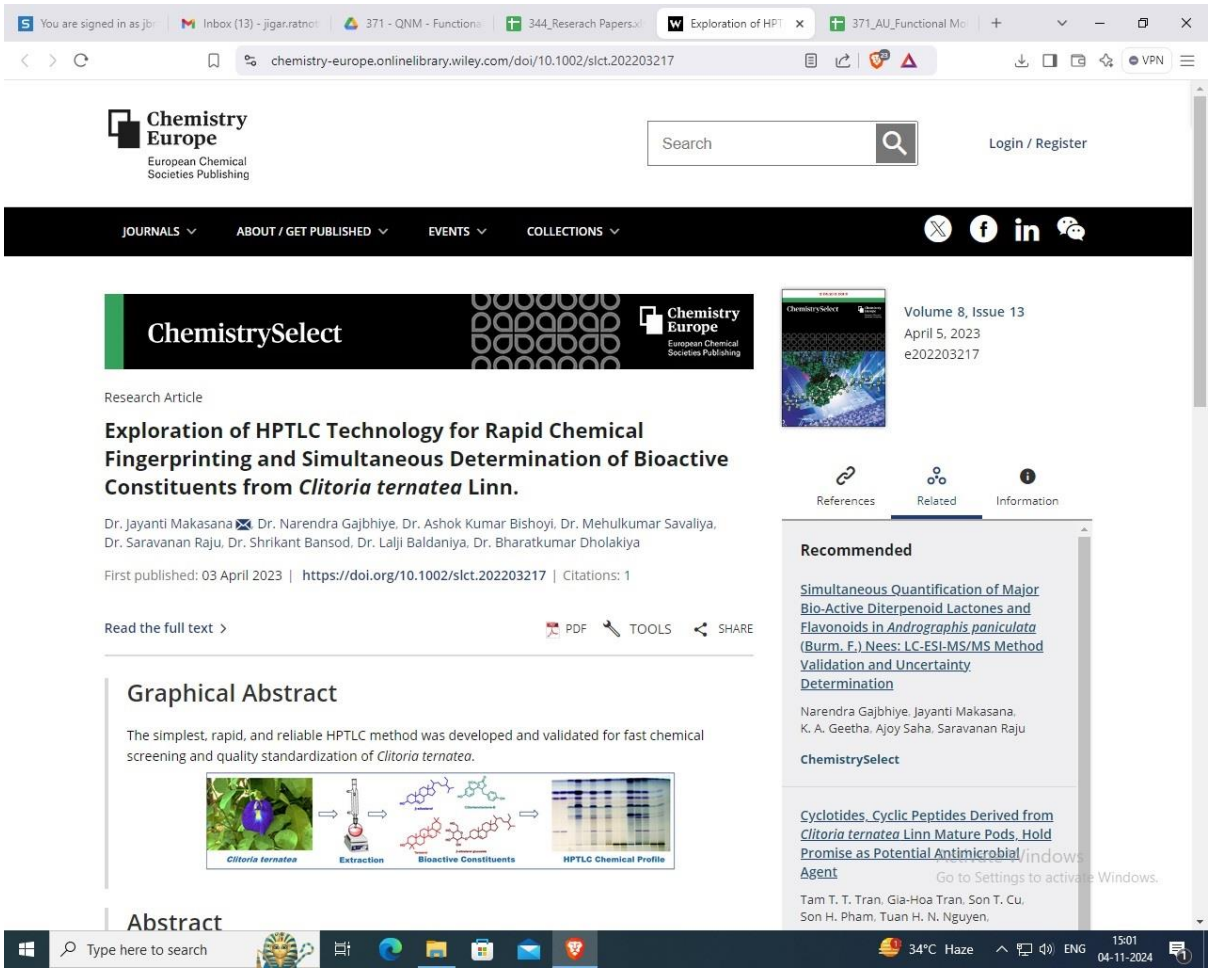

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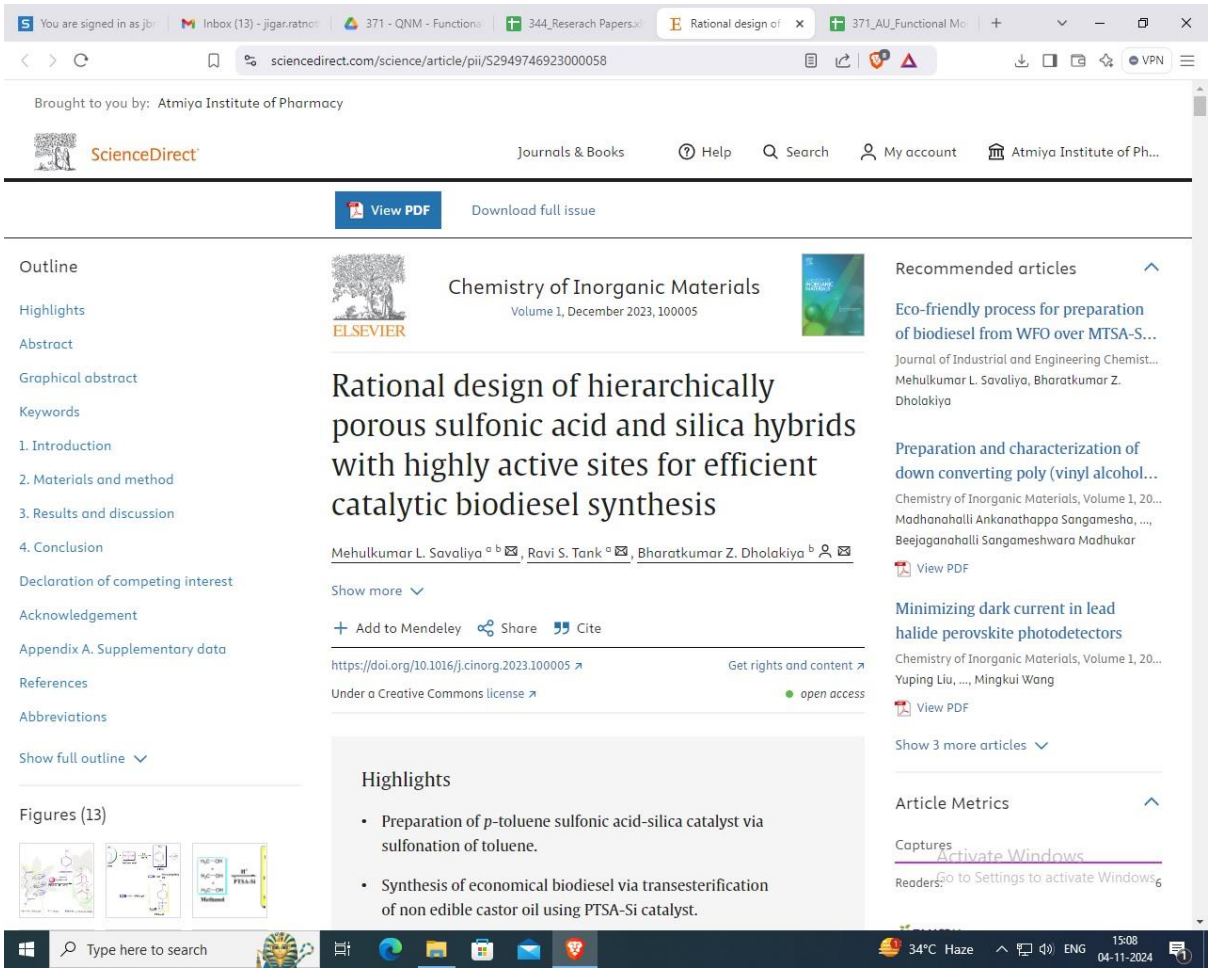

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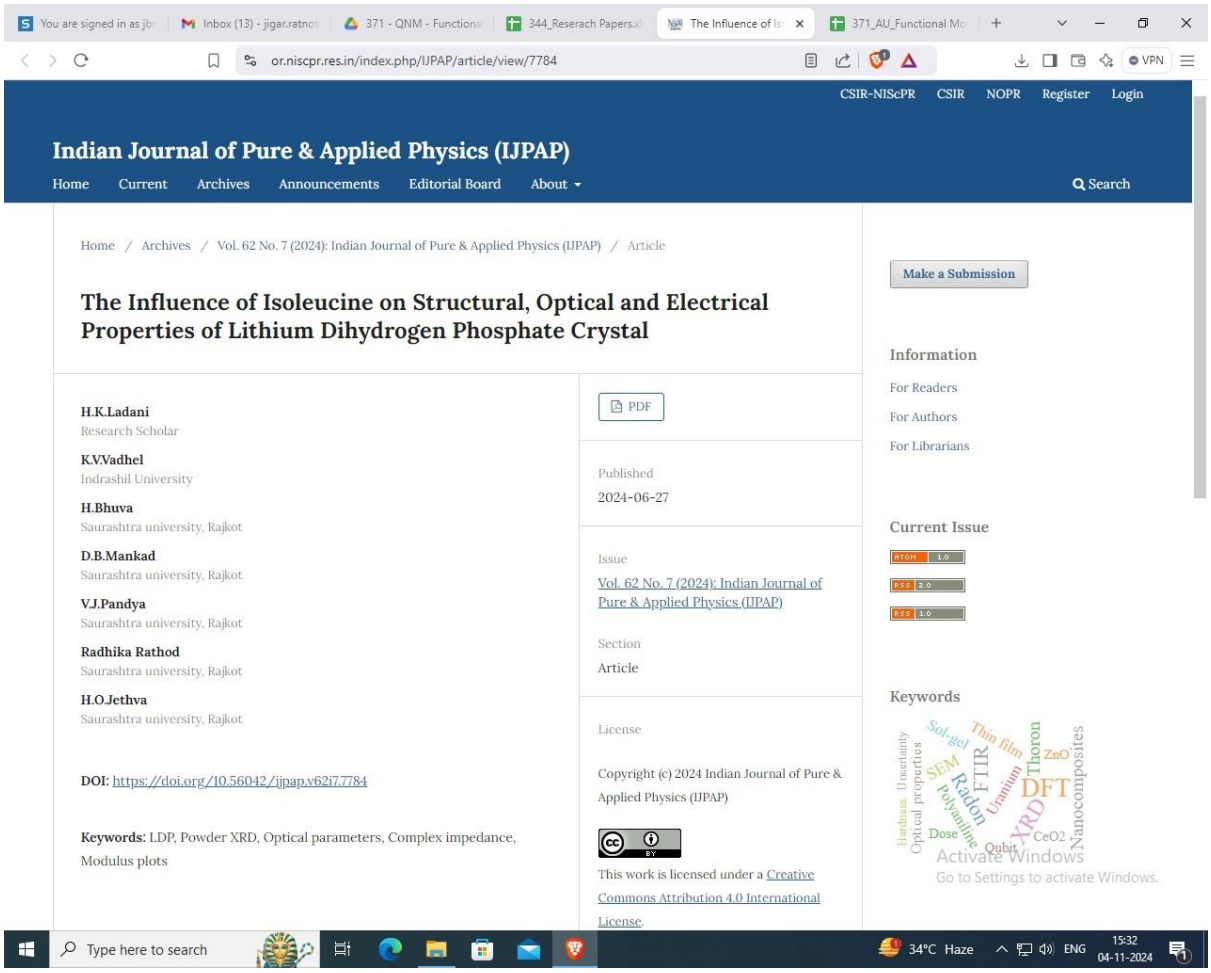

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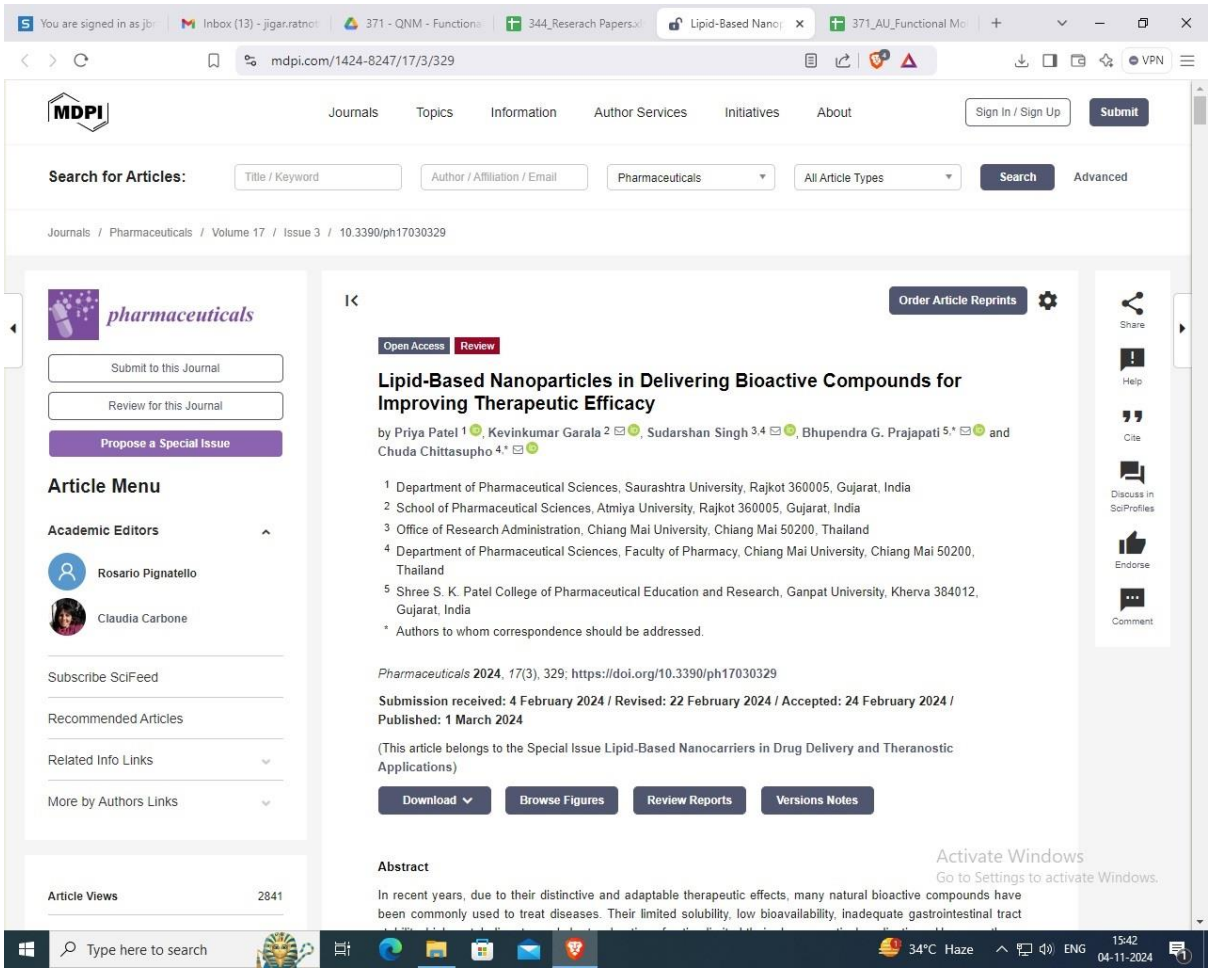

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Lipid-Based Nanoparticles in Delivering Bioactive Compounds for Improving Therapeutic Efficacy

by Priya Patel [1], Kevinkumar Garala [2], Sudarshan Singh [3,4], Bhupendra G. Prajapati [5,*] and Chuda Chittasupho [4,*]

[1] Department of Pharmaceutical Sciences, Saurashtra University, Rajkot 360005, Gujarat, India
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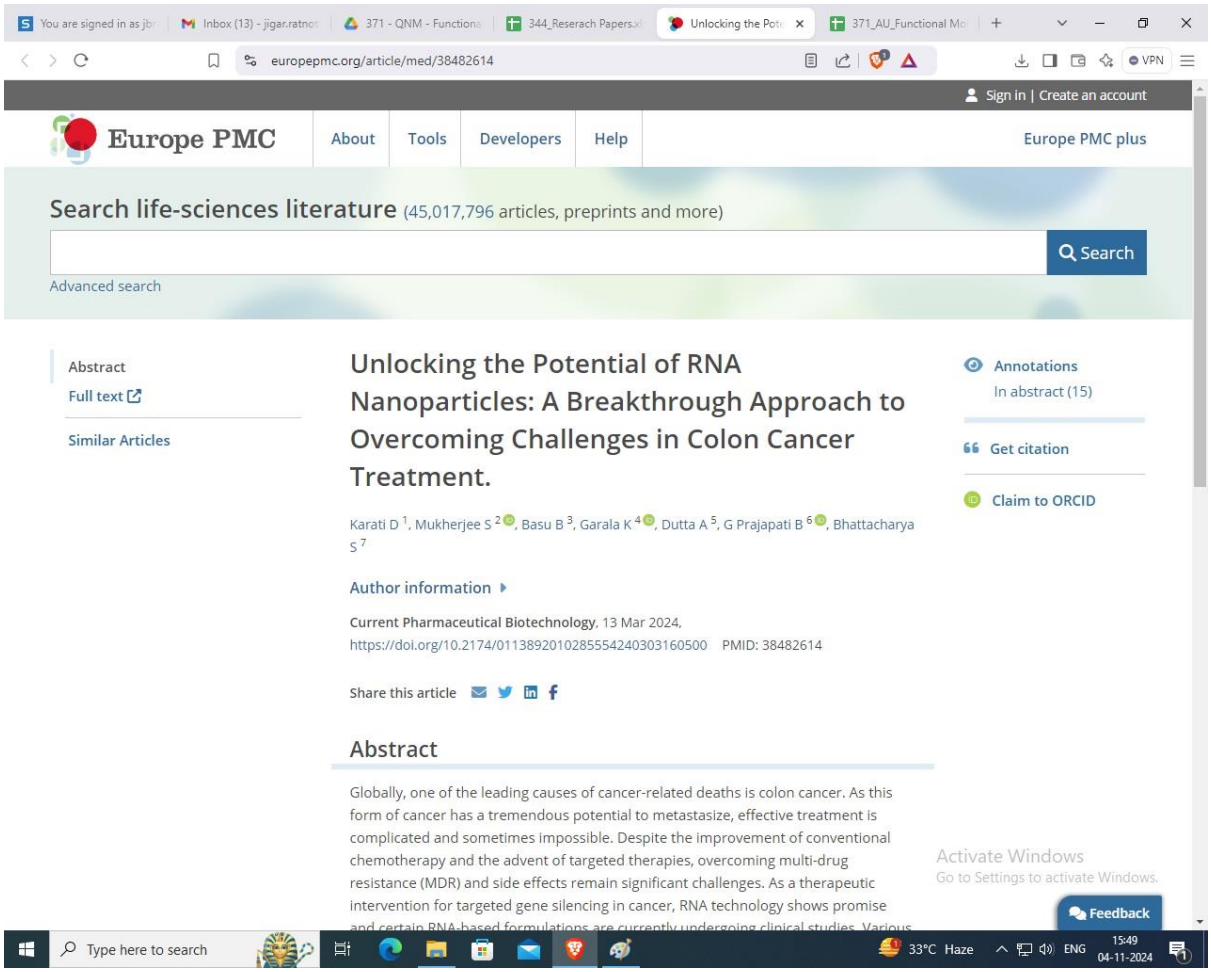

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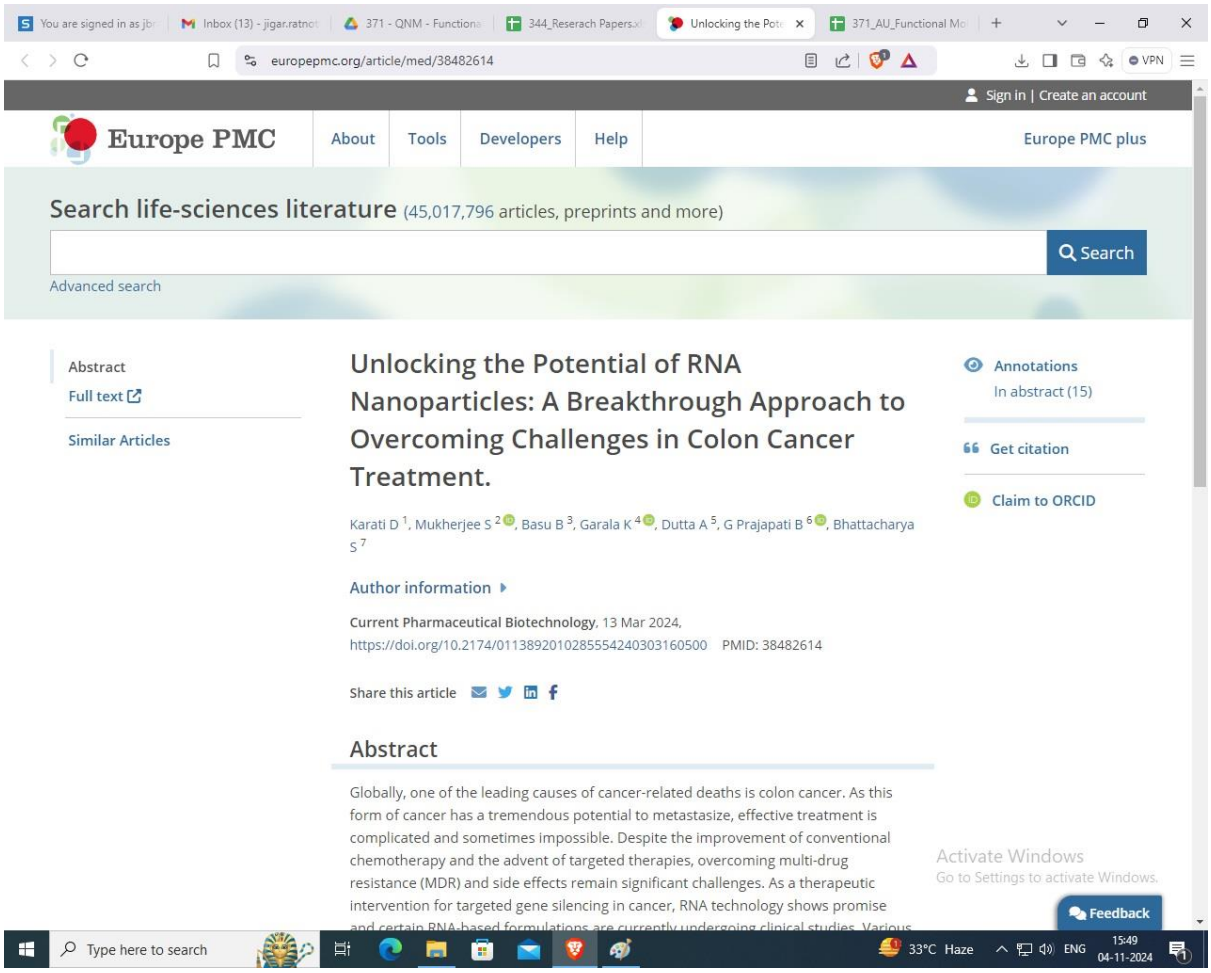

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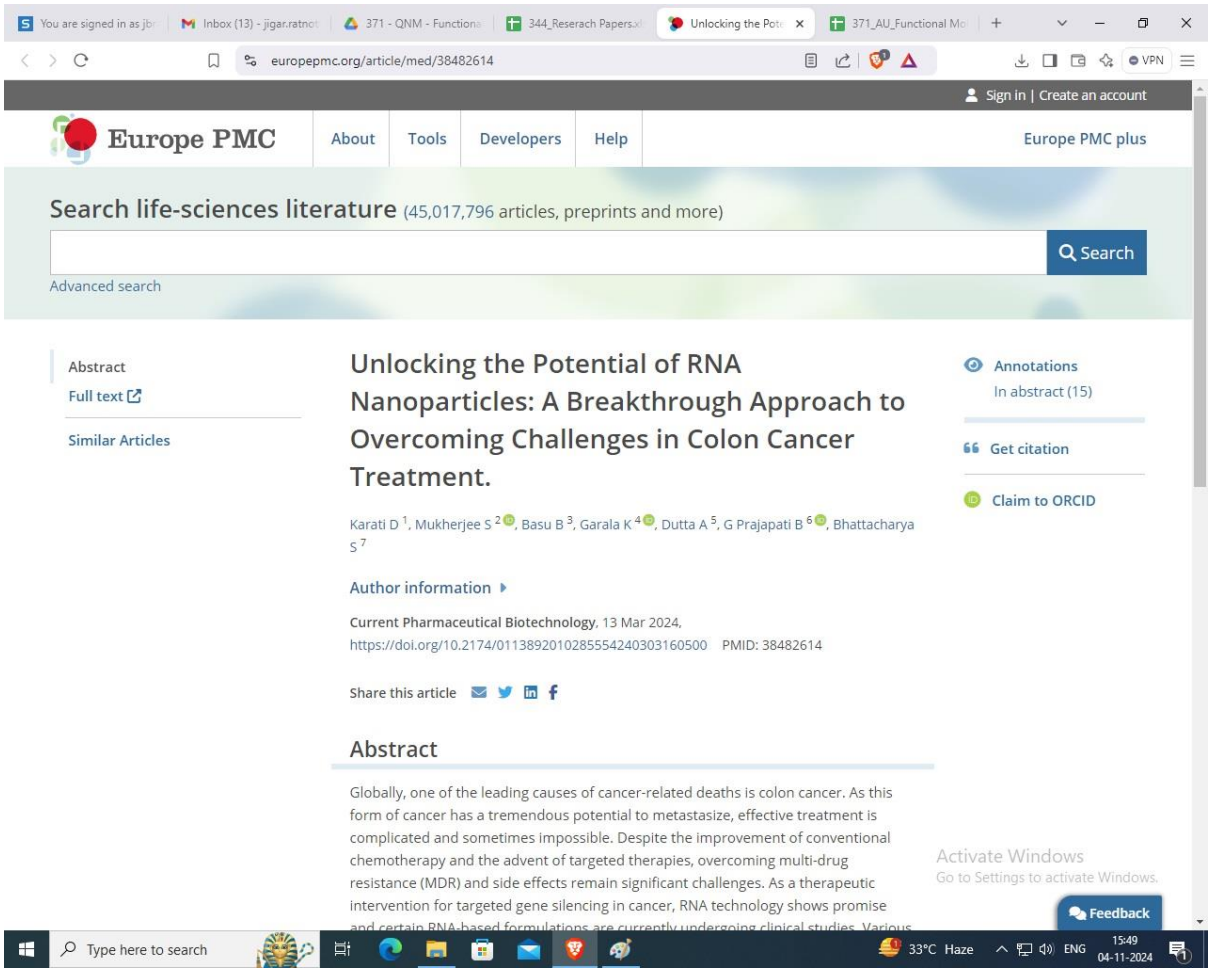

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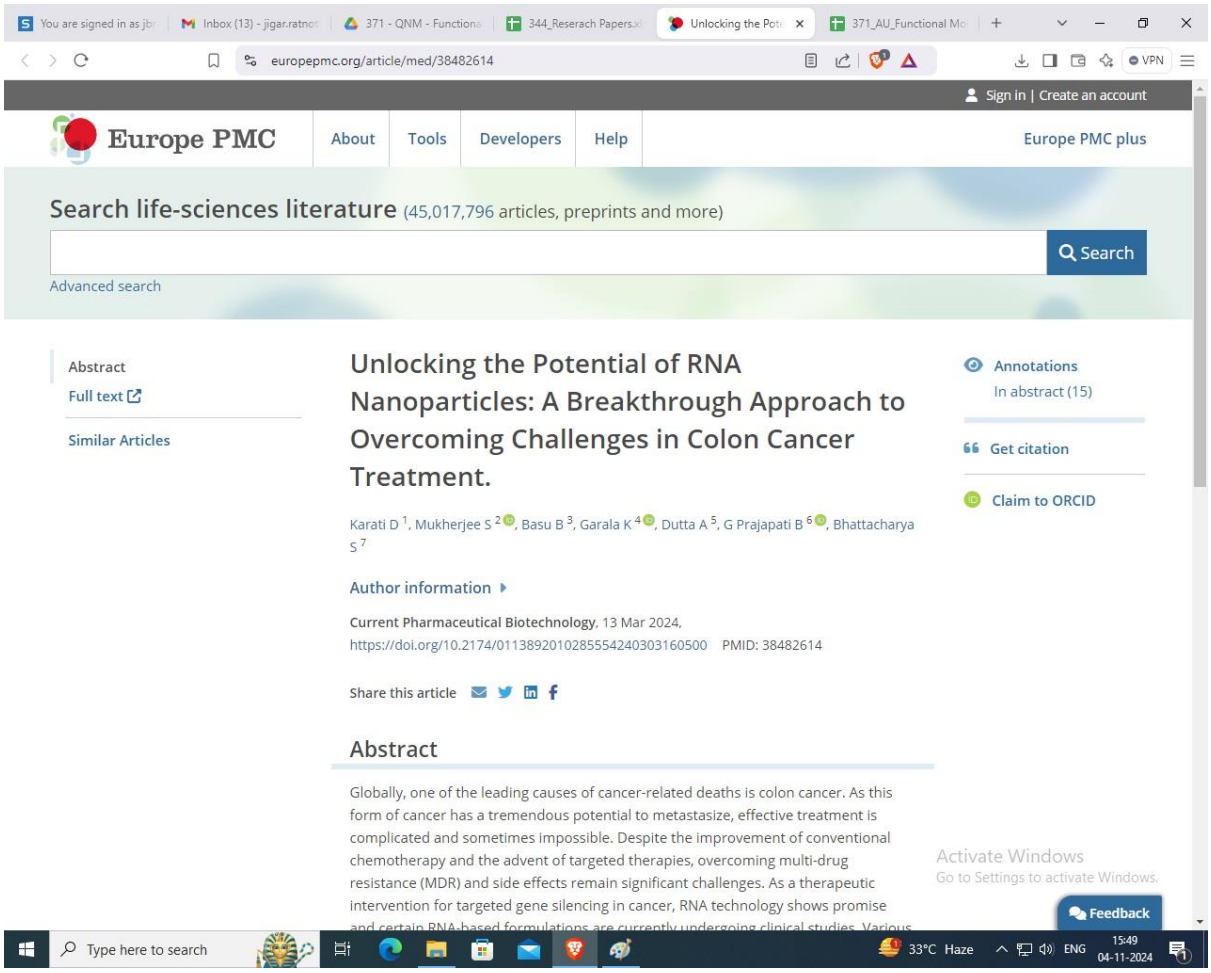

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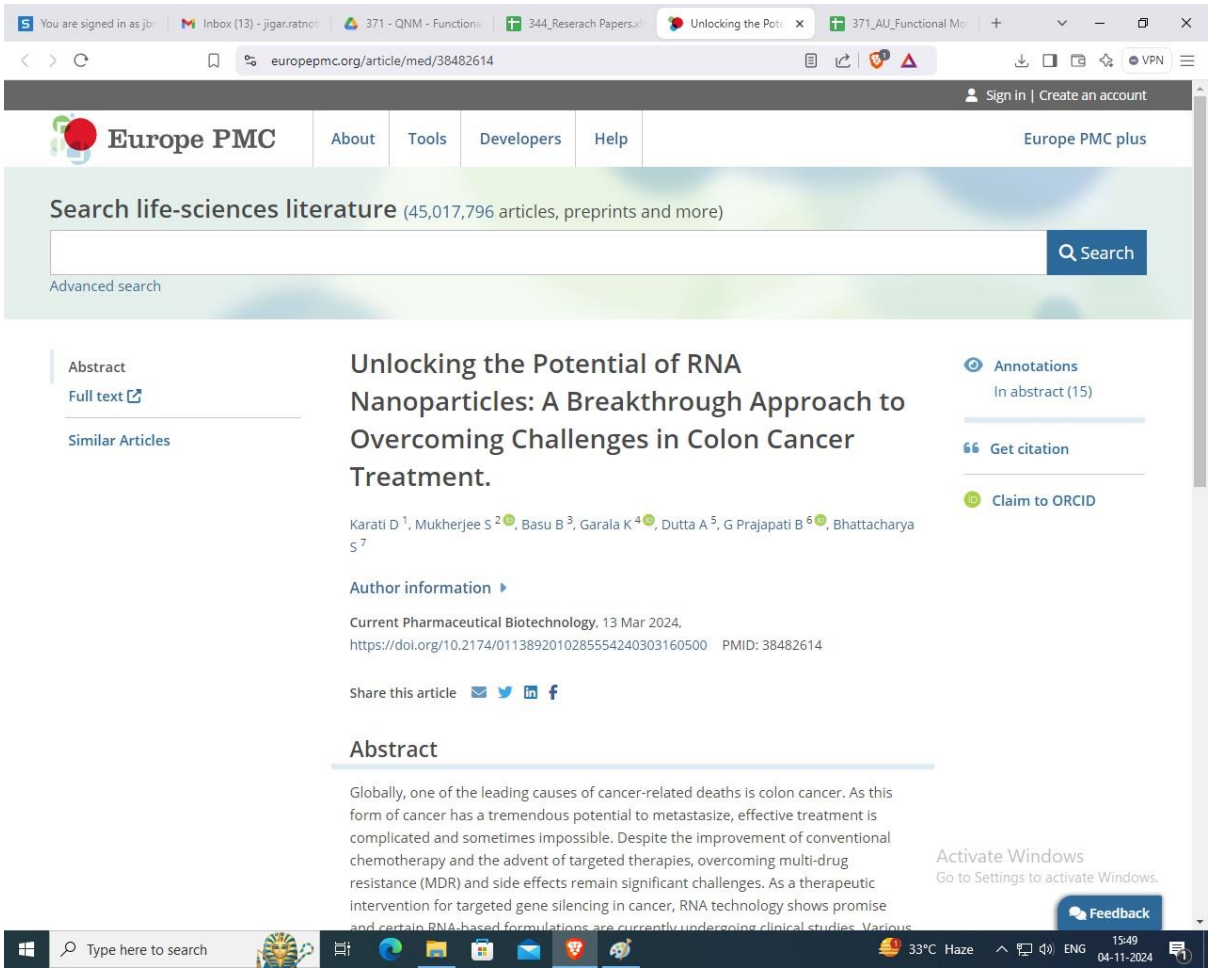

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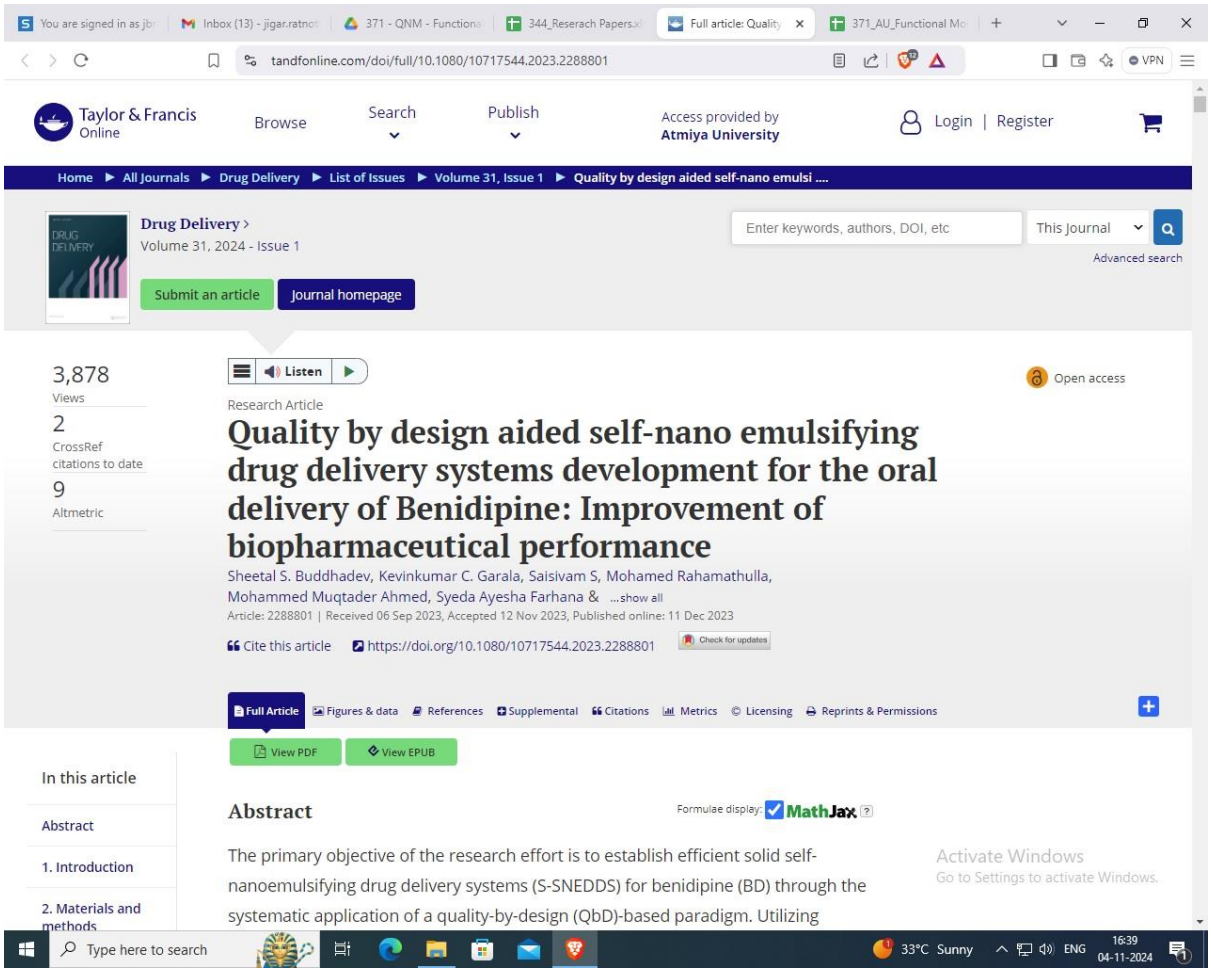

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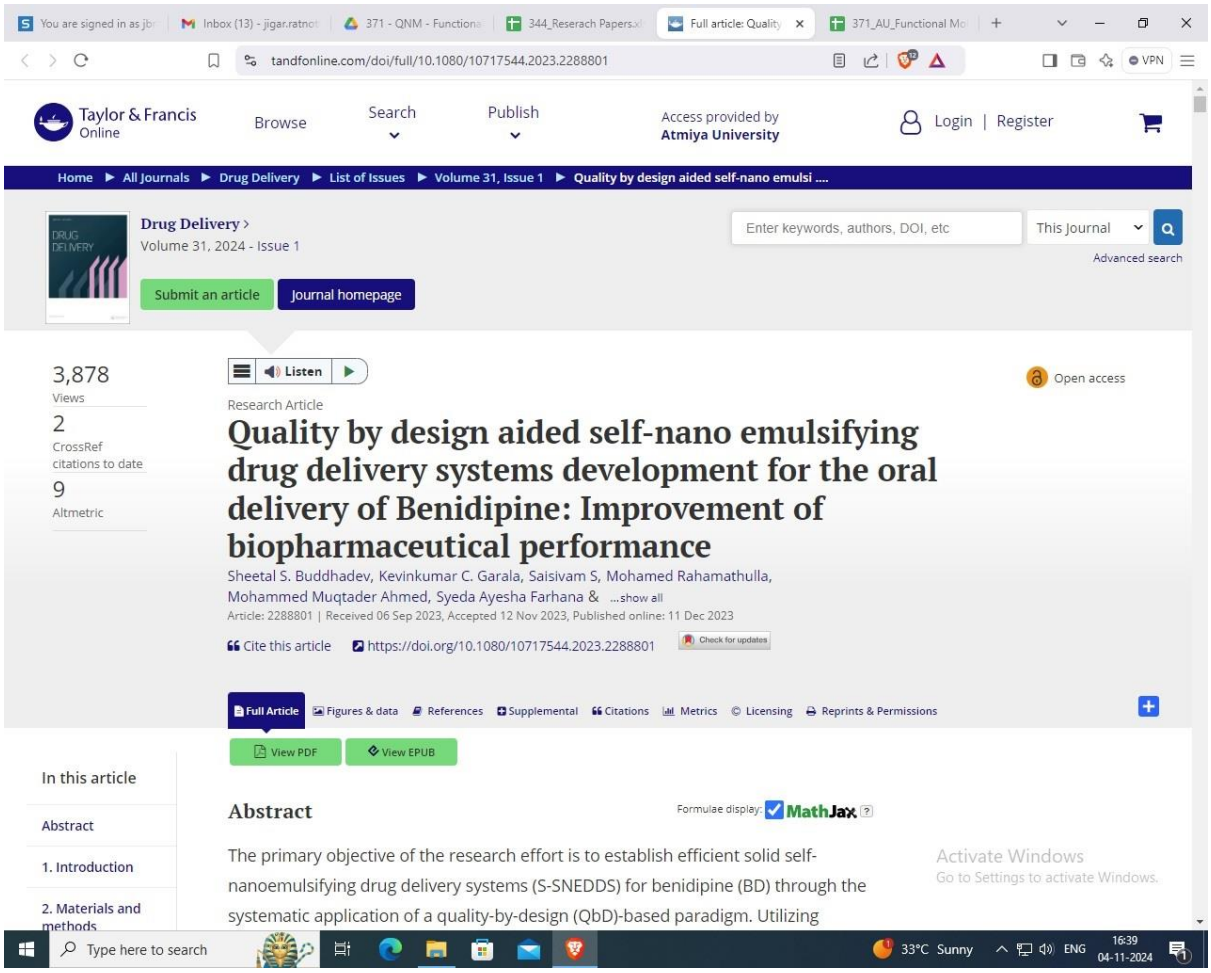

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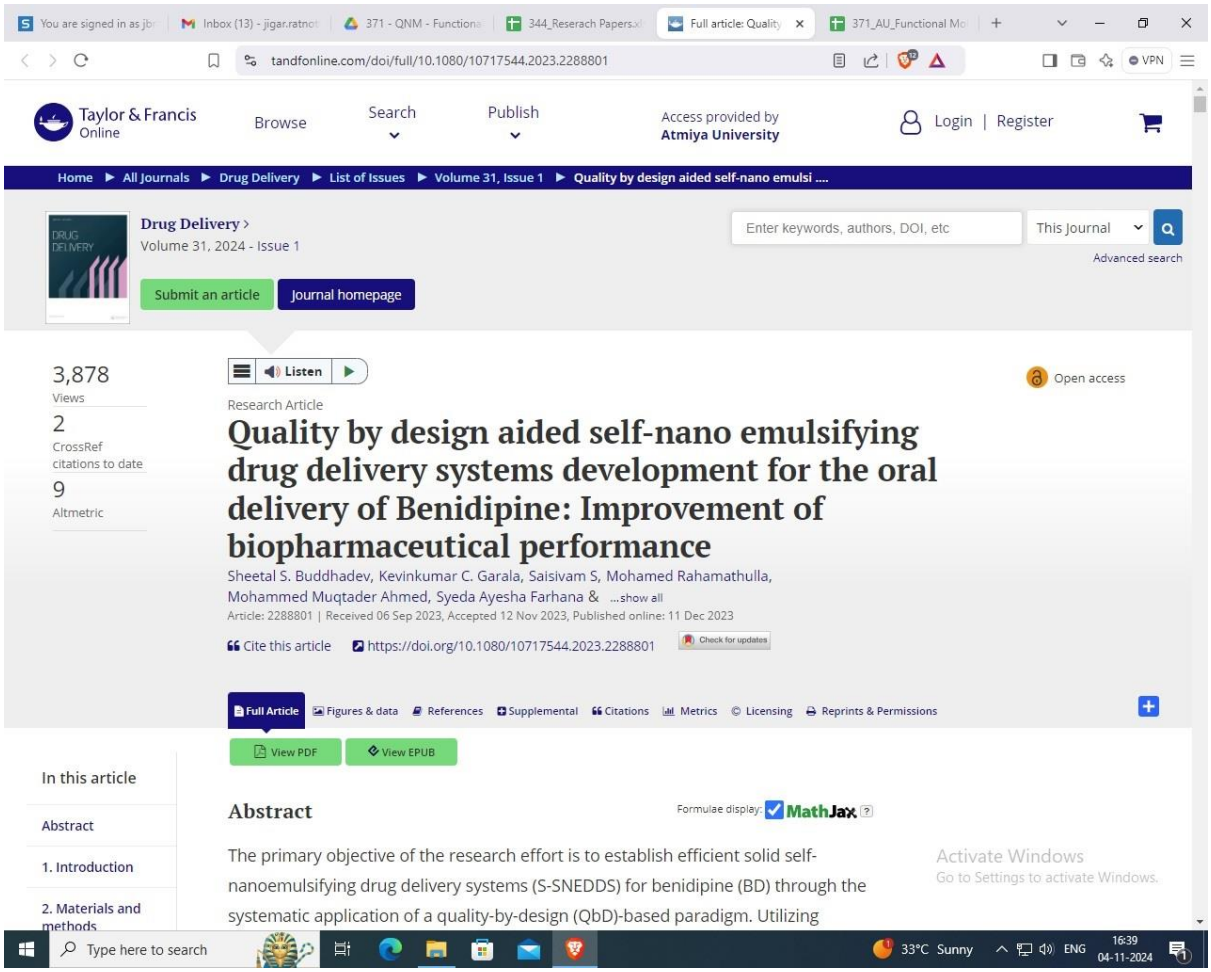

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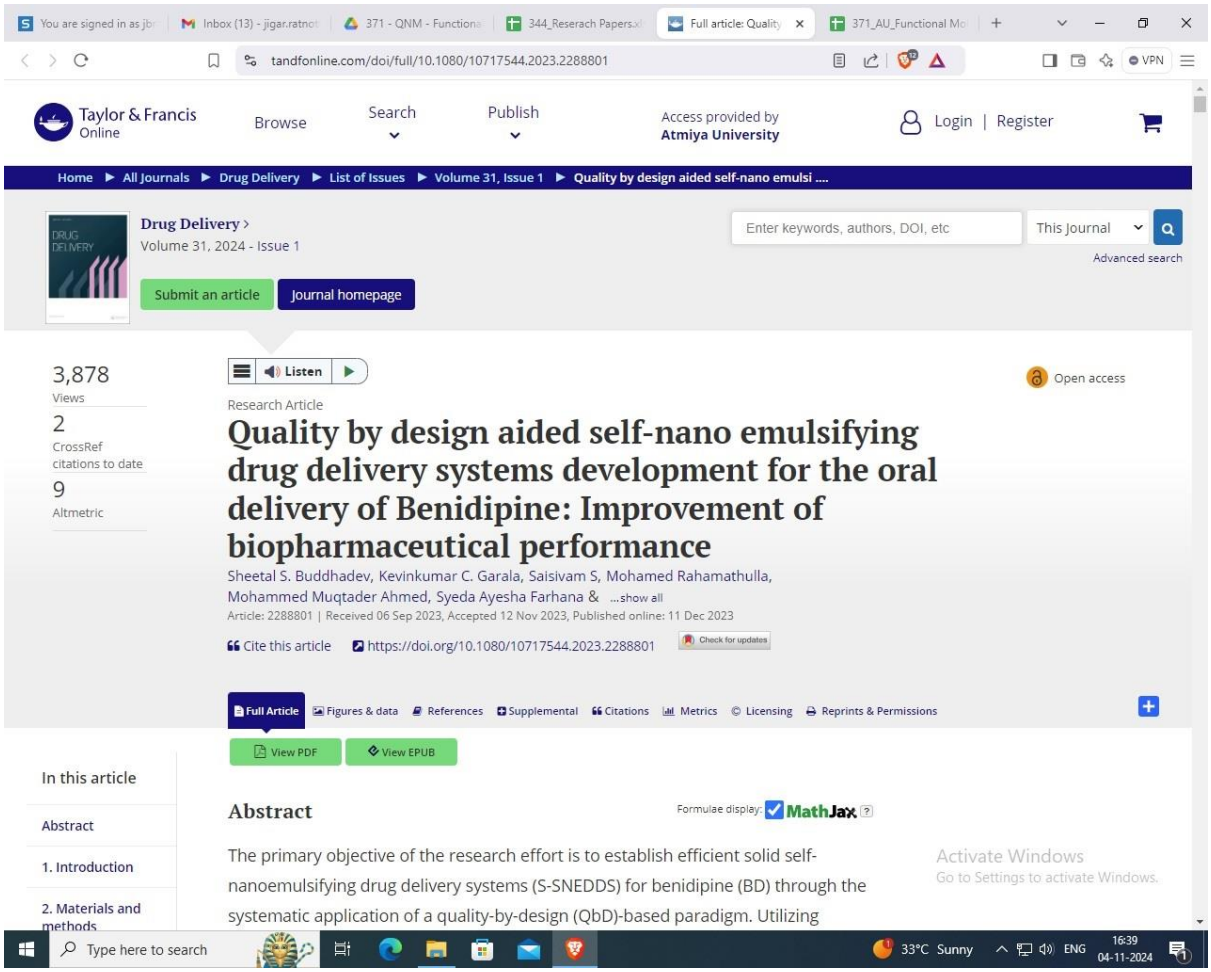

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