

BHISHIJA

ISSUE NO - VII

JAN - MARCH 22

VOLUME: 15

B.PHARMA / M.PHARMA

Affiliated to ABDUL KALAM TECHNICAL UNIVERSITY, **LUCKNOW**

D.PHARMA

Affiliated to BOARD OF TECHNICAL **EDUCATION, UTTAR PRADESH - BTE**

Approved by **Pharmacy Council** of India

Quality **Professional** education through well accredited courses

Excellent Academic Facilities

ASSURANCE OF PARAMOUNT ACADEMIC EXCELLANCE



Create Competent Pharmacy Professionals

Interactive & **Practical Oriented** teaching method.

Result oriented in-depth & dynamic teaching strategies

Quarterly Publication of College, Greater Noida, **Uttar Pradesh**

For Private Circulation only

www.iimtindia.net

IIMT as a group,

in the field of

Engineering

Pharmacy

Management,

Education, Law &

large & diversified,

imparts knowledge

FROM EDITOR DESK

The editorial committee feels proud in releasing the quarterly Newsletter of **IIMT College of Pharmacy**, Greater Noida. This college newsletter covers out information on academics and the details of activities, research and pharmacy updates. "**BHISHIJA**" newsletter will provide ample knowledge to both the students and faculty. This will help them to bring their talents and contribute significantly to the profession.

For any query, suggestion, feedback and submission of articles, please feel free to contact our team. We would like to hear from you, in order to evaluate the quality of newsletter and to serve you better.

Happy Reading!

MRS. MEENAKSHI GUPTA

Phone No: 8468008469

(Editor-in-chief)

EDITORIAL BOARD MEMBERS



DR. MALLIKARJUNA B.P. (Chairman)



Mrs. MEENAKSHI GUPTA

Mrs. ANKITA TRIPATHI MS. OJASAVI GUPTA





MS. NANDANI JAISWAL

(Editor-in-chief)

STUDENT MEMBERS



RUCHI SENGAR B.PHARMA 4TH YEAR



PRINCE KUMAR

B.PHARMA 4TH YEAR



NUTAN KUMARI

B.PHARMA 4TH YEAR



ANUSHKA PACHAURI

B.PHARMA 3RD YEAR



PRACHI SHARMA

B.PHARMA 2ND YEAR



JAYSHREE SULTANIA

B.PHARMA 2ND YEAR

"INNOVATION WEEK CELEBRATION"





INDIA STARTUP DAY - INNOVATION

The session was organized by MHRD IIC of IIMT College of Pharmacy, Greater Noida on 16th January 2022 via Ms. Teams. The main agenda of the session was to get a complete idea on "NATIONAL START-UP DAY". The Session was preceded by a short talk by our Host Ms. Jayshree Sultania.

Dr. Vinit Utpal, Innovation Ambassador, Sharda University was the guest speaker on the event.



E-Symposium on Building Innovation and Entrepreneurial Ecosystem was organized on 11th & 12th January 2022 in IIMT College of pharmacy. The Ministry of Education, AICTE, and Ministry of Commerce and Industry (DPIIT) in collaboration with the Ministry of Culture, Govt. of India jointly organized the event. The innovation week highlighted various initiatives undertaken and discussions on various thrust areas related to promoting innovation and entrepreneurship in our country.

Event was started by Dr. Neetu Bhagat, Deputy Director of AICTE, she welcomed Mr. Gautam Kumar, Founder, Far Eye Pvt. Ltd., who actively designed business models and won the title 'Social Innovator of the year'. He explained the need of these types of training programme especially for students the after completion of their degrees.



PITCHING EVENT FOR IDEA SCOUTED AND LINKAGE WITH INNOVATION









The pitching event was organized by MHRD IIC of IIMT College of Pharmacy, Greater Noida on 11th January 2022. The session was conducted offline. All the participants were attended in Sarabhai hall of IIMT College of Pharmacy. The Session was preceded by a short talk by our chief guest Prof. S.K MAHAJAN RETD SCIENTIST and DR. SANJAY PACHAURI. INNOVATION AMBASSADOR. They explained no idea is too small, and all ideas have the potential to change the world.

"The competition aims how one can work upon one's own venture starting from scratch also to boost youngster for startup. The competition increased creative thinking generating ideas and thinking out of box."

"Ms. Isha Rawat won the 1st Prize for giving her idea on Budget Scanner Trolley."

5 DAYS VIRTUAL FACULTY DEVELOPMENT PROGRAM

"INNOVATIVE TEACHING PRACTICES AND QUALITY RESEARCH IN PHARMACEUTICAL SCIENCES"

The FDP session on "INNOVATIVE TEACHING PRACTICES AND QUALITY RESEARCH IN PHARMACEUTICAL SCIENCES" was organized by IIMT COLLEGE OF PHARMACY on 8th February 2022 through online mode. The main agenda of the session was to talk about Schemes under UGC, DST, DBT and any other funding agencies and was delivered by Dr. Neeraj Upmanyu, Registrar, National Institute Of Pharmaceutical Education and Reseach, Hajipur, Bihar.

The Session was hosted by Ms.Radhika and Chief Guest was welcomed by Dr. Mallikarjuna BP, Director, Pharmacy Department.

Dr. Neeraj Explained about how Higher Education imparts in-depth knowledge and understanding so as to advance the students of knowledge in different walks of life. Then he explored the Importance of Research in Higher Education and to know the correlation of research and funding. He further told how to identify funding schemes and agencies and how to incubate funding resources.

The main agenda of afternoon session was to know about the Preclinical Research in Drug Development by Dr. Monika Sachdeva, Prof and Principal, Raj Kumar Goel Institute of Technology, Pharmacy Department.

The Session was hosted by Ms. Meenakshi and preceded by Dr. Jayendra who further welcomed the chief guest of the event. Dr. Monika Explained the topic Preclinical studies in very detailed way which includes the Pharmacokinetic studies, Pharmacological studies and toxicity studies. She further concluded about in-vitro models, in-vivo models and in silico models. Further, explained about the toxicity testing for topical preparations.

The session was attended by Pharmacy faculty and students. It was concluded with the vote of thanks and memento by R&D Head Pharmacy – Dr.Jayendra Kumar and DSW Dr. Jain.

The day 2 sessions begins with the Presentation of Dr. Kanchan Kohli who has expertise in Quality research in pharmaceutical sciences and metabolic approach for the development of newer biomarkers.







The day 3 sessions begins with the Presentation of Dr. Pallavi Rai, Principal, Ram-Eesh College of Pharmacy who has worked on Preparation of formulation as per traditional method. She covered the topics on Optimization Techniques for in process Quality Control of Ayurvedic Formulations. The 4th day FDP session on "INNOVATIVE **PRACTICES TEACHING AND QUALITY** RESEARCH IN PHARMACEUTICAL SCIENCES" was organized on 11th Feb 2022 through online mode. The main agenda of the session was to talk about SOCIAL PHARMACY AND PRACTICE **RESEARCH** and focus on non-laboratory research of innovation in teaching practices as well as quality research in pharmaceutical sciences. It will help to making teaching and research grow to next level.

The Session was Host by Ms.Meenakshi and proceeded by Dr. Vijay Bhalla.

He talked about all the parameters which cover complete information of Creativity and Innovation in pharmacy practices with non-laboratory methods. He added about public health motto is to prevent and cure.

The session was attended by Pharmacy Faculty and students. It was concluded with the vote of thanks and memento by R&D Head Pharmacy – Dr. Jayendra Kumar.

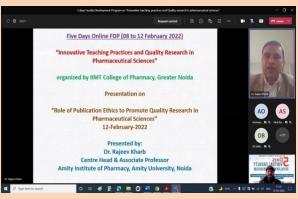
The main agenda of afternoon session was to talk about how to leading with emotional intelligence and about the parameters of innovation in teaching practices as well as quality research in pharmaceutical sciences. It will help to making change into a teaching and research as well as public health.

The Session was host by Ms. Meenakshi and proceeded by a Dr. Ruchi Rayat.

The 5th day of FDP session was delivered by Dr. Rajeev Kharb Centre head and Associate Professor in Amity Institute of Pharmacy, Greater Noida. Speaker explained about the benefits and drawbacks of publication, that how publication helps in growth, placements, promotions, project sanctioned. Speaker explained how to write review, subjective of review writing, types of journal, how to choose suitable journal for our work, what is the right time to polish your work. The session was ended with vote of thanks given by Dr. Jayendra.

The afternoon session was conducted by Mr. Gaddam Ramesh on overview of technology transfer & process validation. Speaker elucidated about the technology, technology transfer, importance & role of technology transfer.







WEBINAR ON WASTE MANAGEMENT

The Event was organized by Alumni coordinator Mrs. Roshan Zehra of IIMT College of Pharmacy, Greater Noida on 28th January 2022. The main agenda of the session was to get a complete idea on "Waste Management". The Session was proceeded by a short talk by our Host Mrs. Roshan Zehra.

Mr. Shubham Agrawal (Director at Green Dreams Private) marked his gracious presence as a "Guest Speaker" on the event. He explained about the necessity and need of different type of waste segregation and proper waste disposal.



ORIENTATION SESSION ON IIC 4.0

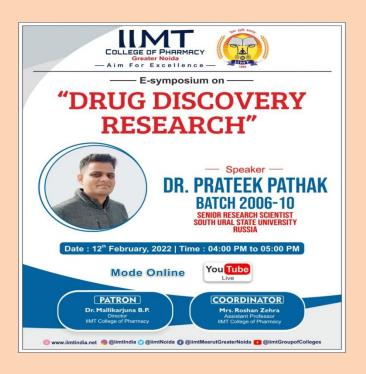
The orientation session on IIC 4.0 was organized by IIC on Jan 24, 2022 through online mode. The main agenda of the session was to talk about achievements of IIC institutions and about the new features have been added to this IIC 4.0 portal. It will help to making IIC network grow to next level.

The Session was preceded by a **Deepan**Sahu Assistant Innovation Director,
MoE Innovation Cell. He talked about all
the parameters which cover complete
information of Creativity and Innovation in
Entrepreneurship and connecting
ecosystem to another institution.





DRUG DISCOVERY RESEARCH



The Event was organized by Alumni coordinator of IIMT College of Pharmacy, Greater Noida on 12th February 2022 in IIMT College of Pharmacy. The main agenda of this session was to get a complete idea on "In vivo studies of Hybrid Quinozoline".The Session was preceded by a short talk by our Host Mrs. Roshan Zehra.

Mr. Prateek Pathak (Sr Research Scientist, Russia) marked his gracious presence as a "Guest Speaker" on the event. He talked about all the parameters which cover complete information of In vivo studies of Hybrid Quinazoline. He explained about the emerging opportunities in post covid era in Pharma sector and many more detailed explanations

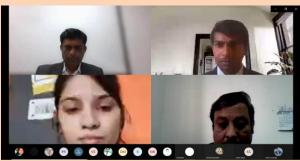
DESIGN, THINKING AND INNOVATION-

The way ahead for the pharmaceutical "entrepreneurs".

The Orientation was organized by ED Cell of IIMT College of Pharmacy, Greater Noida by online on 17th February, 2022 in IIMT College of Pharmacy. The main agenda of this session was to get a complete idea on "Design Thinking and innovation-The way ahead for the pharmaceutical entrepreneurs". The Session was preceded by a short talk by our organizer Mr. Lalit Rana & Host Ms. Anushka Pachauri.

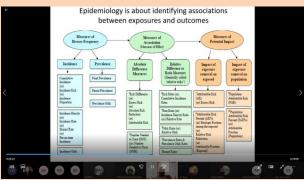
Mr.Saurabh Kumar Banerjee, Dean & Associate Professor, Department of Pharmaceutics, School of Pharmaceutical Management, The IIHMR University, Jaipur marked his gracious presence as a "Guest Speaker" on the event.





"APPLICATIONS OF PHARMACOEPIDEMIOLOGY"

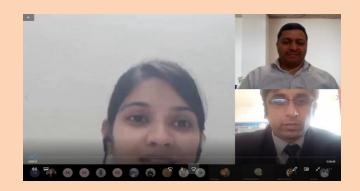




NATIONAL SCIENCE DAY

The session was organized by MHRD IIC of IIMT College of Pharmacy, Greater Noida on 28th February 2022. It was conducted by YouTube. The main agenda of the session was to get a complete idea on "NATIONAL SCIENCE DAY". The Session was preceded by a short talk by our Host Ms. Anuskha Pachauri.

Dr.Jayendra Kumar Maurya, Dean R & D, was the Guest Speaker on the event. He explained about implementation of new technologies for the development of the science.



The orientation was organized by IIMT College of Pharmacy, Greater Noida by online on 28th February 2022 on MS Teams. The main agenda of the session was to get a complete idea on "APPLICATIONS OF PHARMACOEPIDEMIOLOGY". The session was preceded by a short talk by our organizer and Host Mr. Lalit Rana.

Mr. Rahul Sharma, Assistant Professor, School of Pharmaceutical Science, The IIHMR university, Jaipur marked his gracious presence as a "Guest Speaker" on the event.

The Guest speaker talked about all the parameters which cover the complete information of pharmacoepidemiology.



REENGINEERING HIGHER EDUCATION

For CAPABILITY BUILDING: ENTREPRENUERSHIP AND INNOVATION







The orientation was organized by ED Cell of IIMT College of Pharmacy, Greater Noida offline on 8th March 2022 .The main agenda of the session was to get a complete idea on "REENGINEERING HIGHER **EDUCATION FOR** CAPABILITY **BUILDING: ENTREPRENUERSHIP** INNOVATION". The session was preceded by a short talk by our organizer and Host Mr. Lalit Rana.

Mr. Nitesh Chauhan, Senior Manager, Corporate Resource Centre, Amity Institute of Pharmacy, Noida marked his gracious presence as a "Guest Speaker" on the event

He explained about Entrepreneurship and Innovation

HEALTH CHECKUP CAMP

The NSS Club activity was organized by **IIMT College of Pharmacy, Greater Noida** on 12th March 2022. The main agenda of the session was to aware on HEALTH CHECKUP CAMP. The session was preceded & coordinated by Mr. Lalit Rana (Assistant Professor of IIMT College of Pharmacy) & Dr. Sanjay Yadav (Associate Professor). The session was carried out by doctors and the students' volunteers of pharmacy department. All the team members have performed well and taken care of all the patients reached to the camp. The student of pharmacy has examined many patients. Therefore, Blood test, OTC medicines, B.P. checkup, etc. facilities were given to the people of kasna village.



INDUSTRIAL VISIT TO TIRUVISION MEDICARE, BADDI



An industrial visit was organized by IIMT College of Pharmacy on 3rd March 2022.

The B.pharma 4th year batch 2021-22 visited to **Tiruvision Medicare**, **Baddi (H.P)**. The students were briefly described about Q.C, Q.A department, Warehouse, IV production and various other facilities



INDUSTRIAL VISIT TO IPC







Industrial Visit of B.Pharma students (3rd year batch 2021 – 22) were organized on 10th March 2022. They visited to Indian Pharmacopoeia Commission, Ghaziabad.

During the visit the students were briefed about various quality controls, quality analysis and other quality tools methods.

QUIZ COMPETITION





The QUIZ competition was organized by IIMT College of Pharmacy, Greater Noida on 4th March 2022 under Minor Activity.

The competition focuses to evaluate and increase the knowledge of the participants within academics as well as beyond academics and to make them familiar with the prospects of quizzes and the objectivity of the questions.

During the competition Amit Prajapati (D.Pharma 2nd Year) and Ayushi (B.Pharma 3rd Year) won the 1st Prize. Anuska (B.Pharma 3rd Year) and Fozia (D.Pharma 1st Year) won the 2nd Prize.

INDUSTRIAL VISIT TO RADICON LABORATORIES

Industrial Visit of B.Pharma students (final year batch) were organized on 9th March 2022. They visited to Radicon Laboratories, Greater Noida

During the visit the students were briefed about various quality controls, quality analysis and other quality tools methods. Dr. Rajesh Singh, Plant Head interacted with the students and discussed about career opportunities in India.







SOCIAL CLUB SAVE ENERGY, SAVE WATER

An awareness camp was organized in IIMT College of pharmacy on 9th March 2022. The main agenda of the awareness drive was "conservation of water and energy" through various resources.

Conservation of water has the potential to vastly improve public health conditions and contribute to sustainable community growth & development.

.





SMART INDIA HACKATHON 2022







An event of Smart India Hackathon for SIH 2022 was organized in IIMT College of Pharmacy, Greater Noida on 28th March 2022.

Smart India Hackathon is a nationwide initiative to provide students with a platform to solve some of the pressing problems we face in our daily lives, and thus inculcate a culture of product innovation and a mindset of problemsolving. The first four editions SIH2017, SIH2018, SIH2019 and SIH2020 proved to be extremely successful in promoting innovation out-of-the-box thinking in young minds, especially engineering students from across India.

HOW TO PLAN STARTUP- LEGAL AND ETHICAL STEPS



The Orientation was organized by MHRD IIC of IIMT College of Pharmacy, Greater Noida on 30th March 2022 .The main agenda of the session was to get a complete idea on "HOW TO PLAN STARTUP- LEGAL AND ETHICAL STEPS". The Session was preceded by a short talk by our Host Mrs. Farheen.

Mr. Rishab Ilwadi (Co – founder & CXO WUElev8) talked about all the parameters which cover complete information of Creativity and Innovation in Entrepreneurship. He explained about the startup and its legal and ethical step sand many more detailed explanations

BLOG COMPETITION ON ENTREPRENEURSHIP

The Orientation was organized by ED Cell of IIMT College of Pharmacy, Greater Noida on 31st March 2022. The main agenda of the session was to get a complete idea on "ONE PAGE BLOG COMPETITION ON ENTREPRENEURSHIP".

The Session was preceded by a short talk by Mr. Lalit Rana (Chairperson ED-Cell).



FACULTY CORNER

International Journal of Pharmaceutical Research and Applications

Formulation and Evaluation of norfloxacin gel for wound healing activity.

Mrs Roshan Zehra

Asst. Professor, Mrs Arati Devi Asst. professor

IIMT College Of Pharmacy, Plot No. 19 & 20, Knowledge Park III, Greater Noida, Uttar Pradesh 201310

ABSTRACT

This research paper is about formulation and evaluation of norfloxacin gel for wound healing activity. In the current work an endeavor was made up to set up a gel of norfloxacin utilizing polymer sodium alginate alone and with chitosan[2-Amino-2-deoxy-(1,4)-b-D-glucopyranan], turmeric [Indian saffron], glycerine [propane-1,2,3-triol] as copolymers. Permeability & Solubility of drug was enhanced. We use soaking method for preparation of gel. The ultimategoal of formulating gel with enhanced pharmacokinetic with ideal discharge of drug was prepared.

INTERNATIONAL RESEARCH JOURNAL OF PHARMACY

Review Article

VALIDATION OF SCREENING MODELS OF PEPTIC ULCER: A REVIEW

Ankita Tripathi*, Shubham Srivastava, Minakshi Gupta, Shristi Raj, Farheen ShareefIIMT College of Pharmacy, Greater Noida, India

The stomach plays an important role in the digestion of the things we consume. This part of the body can withstand a wide range of harmful substances, such as hydrochloric acid, alcohol, refluxed bile salts, and other irritants. Upper abdominal pain may be a symptom of a gastrointestinal disorder known as Peptic Ulcer if you eat an unhealthy diet, smoke, drink too much alcohol, or take NSAIDs on a regular basis. You may also have a sedentary lifestyle. Today,

gastric hyperacidity and gastroduodenal ulcers are very common problems all over the world. In this article, the author tries to give an overview of the in vivo and in vitro screening models that have been used in different laboratories and their validation during the past few decades to carry out such investigations, along with the underlying mechanisms of ulcer induction in each approach. The goal is to educate of the various experimental models available for conducting novel investigations to gain further knowledge in context to peptic ulcers.

INTERNATIONAL RESEARCH JOURNAL OF PHARMACY

Review Article

Ankita Tripathi*, Utsav, Khushboo Bhardwaj, Meenakshi Gupta, Shristi Raj, Farheen ShareefIIMT College of Pharmacy, Greater Noida, India

ABSTRACT

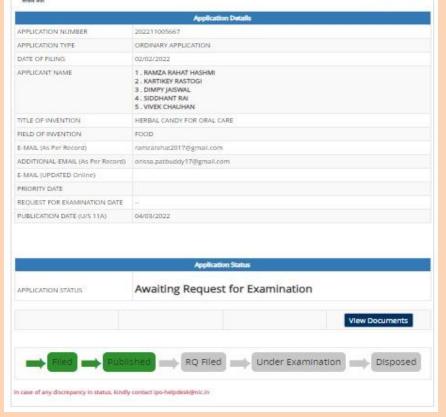
Cancers are characterized by uncontrolled cell division and the development of metastatic qualities. The reason for the cause of cancer can be intrinsic factors like oncogenes, external factors like radiation, certain chemical exposure, etc., or biological like infection from certain viruses, bacteria. Hence, because of these factors, 200 different forms of cancer exist making cancer a leading of death and major health problem even in the present world. However, the lack of a comprehensive understanding of cancer biology in the modern period is a significant impediment to studying cancer tumour formation, invasion, and metastasis. Hence, cancer models can be crucial in removing that impediment and can give us a better understanding of the cancers because even in the 21st-century cancer is still an unsolved puzzle and with cancer models like in vivo models, In-vitro models and computerized models a better understanding can be achieved.

PATENT

"The present invention is related to novel herbal candy comprising pomegranate powder with stevia for alleviating the symptoms of mouth ulcer such as pain, irritation of throat and inner linings of mouth & inflammation. The disclosed herbal comprises components key derived from plant sources and has medicinal properties such as anti bacterial, anti fungal and anti viral properties which make the disclosed herbal candy quintessential for relieving or treating mouth ulcer and related symptoms efficiently and economically."







(12) PATENT APPLICATION PUBLICATION (19) INDIA (22) Date of filing of Application :02/02/2022		(21) Application No.202211005667 A (43) Publication Date: 04/03/2022		
(62) Divisional to Application Number Filing Date	:NA :NA	Address of Applicant: IIMT College of Pharmacy, Plot No. 20A, Knowledge Park—III, Greater Noida, District: Gautam Buddha Nagar, Uttar Pradesh: 201310, India————————————————————————————————————		

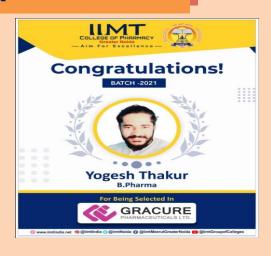
(57) Abstract:

The present invention is related to a novel herbal candy comprising pomegranate powder with stevia for alleviating the symptoms of mouth ulcer such as pain, irritation of throat and inner linings of mouth and inflammation or other related symptoms. The disclosed herbal candy comprises key components derived from plant sources and has medicinal properties such as anti-bacterial, anti-fungal and anti-vial properties which make the disclosed herbal candy a quintessential for relieving or treating mouth ulcers and related symptoms efficiently and economically.

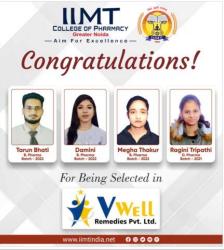
No. of Pages: 23 No. of Claims: 10

STUDENT CORNER











IN

CAMPUS RECRUITMENT DRIVE





COLLEGE OF PHRIPMRCY

Congratulations!

B.Pharma

FOR BEING PLACED IN

PAGE 18











IIMT







COMPANIES

RADICON LABORATORIES

TROIKAA
PHARMACEUTICALS

SARJEN SYSTEMS

ARTECH

UNAYUR

GRACURE
PHARMACEUTICALS

CURADEV

V WELL REMEDIES

WIN MEDICARE

XL LABORATORIES

SPM MEDICARE

HINDUSTAN WELLNESS











UPCOMING ACTIVITIES

S.NO	NAME OF THE ACTIVITY	CATEGORY	DATE	COORDINATOR
1	Session on how to plan a startup legal and ethical steps	IIC ACTIVITY	4/4/2022	Mrs. Ankita Tripathi
2	Poster Presentation	Technical Club	5/4/2022	Mrs. Ankita & Ms. Akanksha
3	Sports Competition (Badminton, Chess, Carrom)	Sports Club	9/4/2022	Mr. Sagar Joshi
4	Debate Competition	Literary Club	12/4/2022	Mrs. Ankita & Mrs. Madhu
5	Join hands to save environment	Environment Club	18/4/2022	Ms. Shalu & Mrs. Arti
6	Session on Process Design & Development	IIC ACTIVITY	19/4/2022	Mrs. Ankita Tripathi
7	Industrial Visit	Industrial Activity	20/4/2022	Mrs. Indu Chaudhary
8	Innovation & Entrepreneurship Talk with expert	IIC ACTIVITY	22/4/2022	Mrs. Ankita Tripathi
9	Advancement in Pharmaceutical Sciences	Guest Lecture	25/4/2022	Mr. Lalit Rana
10	Extempore Competition	Minor Activity	26/4/2022	Mrs. Madhu
11	Session on how to plan a start-up	IIC ACTIVITY	29/4/2022	Mrs. Ankita Tripathi