Volume 2 | Issue 2 | Jan-Jun 2021

Patron: Shri Rishabh Jain

Principal: Dr. Ragin. R. Shah

ARIHANT

FLOURISH

E-Newsletter



Arihant School of Pharmacy and Bio Research Institute

Uvarsad Square, Sarkhej-Gandhinagar Highway, Po-Adalaj Dist. Gandhinagar, Gujarat 382421

ABOUT NEWS LETTER

EDITORIAL BOARD



Editor Dr. Sunita Chaudhary



Co-Editor Dr. Mona Christian



Co-Editor Dr. Aarti Mohan



Design & Graphics Dr. Nishith Patel

Members

Shah Rajvi Urmi Pursanani Prajapati Lajja Vaidehi Patel Viragi Shah Richa Patel Patel Yashvi **"ARIHANT FLOURISH"** is biannual e newsletter of Arihant School of Pharmacy and Bio Research Institute. It gives glance of all such activities along with academic excellence of students as well as faculty members. It covers creativity from students in various fields. It also covers news updated on pharma field and articles from renowned personalities from industry, academia or entrepreneurs and researcher.

The Arihant Flourish includes data from the all programs/branches/centres of Arihant School of Pharmacy and Bio-Research Institute,

Diploma in Pharmacy Bachelor in Pharmacy Masters in Pharmacy-Pharmaceutics Masters in Pharmacy-Quality Assurance Masters in Pharmacy-Pharmacology Masters in Pharmacy-Pharmacognosy Centre for Entrepreneurship Development



CONTENTS

Sr.no.	Contents	Page no.
1	Vision, Mission of Institute	4
2	About Trust and College	5
3	Messages from Dignitaries	6
4	Update on Short-term bridge course for Skill Development	8
5	Pharma Updates	10
6	Cocurricular Activity	14
7	Extracurricular Activity	17
8	Institute Achievement	24
9	Faculty Achievement	25
10	Student Achievement	29
11	Academic Performance	31
12	Guest Lecture	34
13	Alumni Corner	38
14	Media Coverage	40
15	Creativity Corner	42



Vision

To be Recognized as an Outstanding Institute of Pharmacy for its Excellent Efforts to Provide Quality Pharmacy Education to Budding Students and to Improve the Health of Society.

Mission

To Make Available Globally Competitive Pharmacists Acquainted with Knowledge, Skill, Attitude and Behaviour.

ABOUT TRUST AND COLLEGE

Shri Gaya Prasad Jain Charitable Trust (Shri GPJC trust), formerly known as Arihant Seva Samiti is an internationally renowned and recognized management, imparting excellence in education in the field of Pharmacy, Engineering & Technology, Architect and Interior design, in Diploma, UG & PG programmers since 1994. The trust is dedicated to education and research with aim to deliver the best possible outcomes for the learners by providing the academic ambience Pharmaceutics, Pharmaceutical Quality Assurance with intake of 15 in each, Pharmacology with 9 intake and Pharmacognosy with 12 intake of seats. In Arihant campus, India's first and unique, Collaborative R and D center of EMCURE PHARMACEUTICALS LTD was established, where UG, PG and Ph.D. students of the institute get the opportunity of training with/ without stipend. In this campus we have come up with the unique concept of startup



in an invigorating campus.

Arihant School of Pharmacy & Bio-Research Institute is one of the growing pharmacy college managed under umbrella of Shri GPJC trust since 2005. The college is running D. Pharm course with 60 intake of students, B. Pharm with 100 intake of students and M. Pharm courses in Idea lab and skill development center, which could be helpful to develop entrepreneurial skill by converting their ideas to implementation and concepts to commercialization.

MESSAGE FROM ORGANIZATIONAL HIERARCHY

Arihant School of Pharmacy always appoint highly qualified and dynamic faculty which natures the student's in best possible manner and help them to imbibe advanced knowledge and skills in the field of Pharmacy and healthcare. We are proud of our achievements which we have given to professional education towards our faculty as well as our student's excellence. We always want to make education as a tool for candidate's betterment and to provide equal axis for making knowledge and higher education for students who are being part of Arihant. It is always our motive and vision to develop self-confidence and positive thoughts which help them to gain every success in their life later. Arihant is the place where you can fulfil your dream by enchasing your potential for successful career and encourage you to explore your Programme further and will always for you in any condition. On behalf, let it be my privilege to congratulate all Staff and student for publishing one more issue of Newsletter. It was great work done by all faculty and students even during Covid 19 pandemic and published yet another newsletter.



Mr. Hiren Kadikar HOD, Department of Quality Assurance, ASP and BRI



MESSAGE FROM EXPERT

It is a matter of great pride and pleasure for my close association with Arihant School of Pharmacy & BRI since long time. It is one of the leading institute promoting spirit of entrepreneurship and innovation amongst student and faculty. I have witnessed their commitment and continuous efforts of promoting young mind to venture for start up, research and innovation related projects.

I was instrumental facilitating them achieve their goal of institutionalising entrepreneurship in college. Under leadership of Chairman Shri. Jain sir and Dr. Ragin Shah, the whole team of faculty has initiated proactive approach in conducting varieties of programs for entrepreneurship development and start up. The outcome is evident in form of many students patented their innovative ideas and pursuing their start up.

One of its kind institutes where students are provided practical exposure through a latest technology advance Pharma lab at the campus. I will be very happy to continuously council and support college and students in reaching a unique achievement and position in field of pharma and related start up and entrepreneurship. Wishing a good luck.



Mr Chandramauli Pathak

International expert of Entrepreneurship & SME Development

SHORT TERM BRIDGE COURSES FOR

SKILL DEVELOPMENT

Promoted by the Centre for Entrepreneurship Development, Govt. of Gujarat

Arihant School of Pharmacy and BRI, providing training for skill development and entrepreneurship under 'Short term bridge courses' in association with Emcure Pharmaceuticals Ltd, Adalaj.

Objectives:

- To bridge the gaps of academia and Pharmaceutical industries such short term bridge courses are needed in the state and nation.
- To provide specific instrumental training for analytical method development and validation.
- To provide specific instrumental training for formulation and development.
- To encourage research and development in formulation and analytical research.
- To cater industry requirement and easy scale up for the pharmaceutical product development.
- Promote competent skill development and entrepreneurship in pharmaceutical industries.

Course 1: Expertise in spectroscopic and chromatographic techniques through advanced instrument training

Course 2: Hands on instrumental training for specialized skill of developing pharmaceutical formulation and development

Eligibility: Students with bachelor's degree under 10+2+3/4/5 pattern of education in B. Pharm or B. Sc. (all specialization) or master's degree i.e. M Pharm (all specialization) or M. Sc. (all specialization) with at least 45% marks as aggregate of all the semesters/ years.



Summary of Enrolled Students in CED till now

Batch No	Start Date	End Date	Assessment Date		No. of Students Assessed		
B1	01.07.2017	30.09.2017	29.11.2017	13	13	13	-
B2	01.05.2018	31.07.2018	7.08.2018	20	13	13	7
B3	20.08.2018	20.11.2018	13.12.2018	10	9	9	5
B4	15.12.2018	15.03.2019	16.04.2019	11	7	7	5
B5	29.04.2019	29.07.2019	02.08.2019	13	7	7	4
B6	14.08.2019	14.11.2019	28.11.2019	21	17	17	8
B7	19.12.2019	18.03.2020	04.11.2020	13	5	5	4
B8	09.01.2020	09.04.2020	04.11.2020	19	8	8	6
B9	8.7.2020	10.10.2020	04.11.2020	15	13	13	12
B10	29.10.20	29.01.21	26.02.21	14	13	13	7
B11	08.02.21	08.5.21	Pending	32	-	-	-
B12	10.05.21	On going	On going	30	-	-	-





Contact Detail:

Dr Nisha Parikh, Associate Professor, 9924341133, arihantpharmacy@gmail.com

Course Duration: 3 months, Intake for each course: 30, Course Fee: Rs 6000/-

Students appearing for final examination are also eligible to apply certification by Gujarat Technological University.

PHARMA UPDATES



Lupin gets USFDA approval of sNDA for SOLOSEC (secnidazole) to treat trichomoniasis

Zydus vaccine for kids above 12 years could be out by Aug Zydus Cadila Covid-19 vaccine for children above 12 years is expected to be available by August said Dr N K Arora,Chairman, <u>Natio</u> nal Technical Advisory Group on Immunisation (NTAGI)



Cabinet approves Rs 15,000 crore PLI scheme for pharma sector 24 Feb, 2021, 06.51 PM IST The Union Cabinet, chaired by Prime Minister Narendra Modi, approved the scheme which will benefit domestic manufacturers, help create employment and is expected to contribute to the availability of a wider range of affordable medicines for consumers

Pharma, IT rally not over yet; there is View: Big Pharma has reinforced its more meat in midcaps: Analysts saviour image

17 Jan, 2021, 04.53 PM IST

Strength in the greenback augurs well for The drug companies are the saviours that revenue from foreign markets

03 Jan, 2021, 10.04 AM IST

exporters like IT and pharma companies, have doubled life expectancy in the last which derive the lion's share of their century, curing dozens of diseases once incurable, relieving the world of immense misery and death.

Indian pharma market expected to hit USD 130 billion by 2030: Sadananda Gowda, 08 I eb, 2021, 04.27 P<u>M IST</u> Pharmaceuticals are one of the top-10 attractive sectors for foreign investment in India. FDI inflows in the pharmaceuticals sector reached Rs 3,650 crore in 2019-20, recording a growth of 98 per cent year-onyear, he added

MSD to sign licensing pacts with 5 Indian drug firms for oral drug candidate for COVID-19

MSD has decided to enter into nonexclusive voluntary licensing agreements for molnupiravir with five established Indian generic manufacturers -- Cipla, Dr Reddy's Laboratories, Emcure Pharmaceuticals, Hetero Labs and Sun Pharmaceutical Industries, it added.



Indian pharma set for a value upgrade shot: Phillip Capital

07 Apr, 2021, 07.26 AM IST

The brokerage believes Covid-led opportunities could be a catalyst in the near term. It has a conviction on players having integrated manufacturing with upgraded specialty portfolios.

Manipal Hospitals partners with Dr Reddy's to include Sputnik V in its vaccine portfolio.

June 6, 2021 | Updated 16:33 IST The roll-out of the Sputnik V vaccine by Manipal Hospitals in Bengaluru is part of the limited pilot soft launch initiated by Dr Reddy's in Hyderabad last month, Manipal Hospitals said in a statement



China approves emergency use of Sinovac's COVID-19 vaccine for children aged 3-17

June 5, 2021 | Updated 08:38 IST China's mass vaccination drive, which administered 723.5 million doses of vaccines as of June 3, is currently only open to those aged 18 and above

> FDA approves first oral blood thinning medication for children

Pradaxa (Dabigatran etexilate) oral pellets approved by USFDA to treat children 3 months to less than 12 years old with venous thromboembolism

Cocktail treatment in India: Everything you need to know about the monoclonal antibody therapy for COVID

Jun 10, 2021, 10:25 AM IST

In what could prove to be a game-changer in COVID-19 treatment in the country, a monoclonal antibody cocktail was successfully used in an 84 year old patient in Delhi. Described as helpful and promising, the Trump cocktail is now in India. Dr Sushila Kataria, the first medical professional in India who successfully administered the monoclonal antibody therapy to an 84 year old patient in the national capital explains the treatment. Monoclonal antibody therapy is priced at ₹59,750 a dose in India.

Will the price cap on vaccination by private hospitals apply to off-site camps as well?

Natco Pharma's marketing partner gets USFDA nod for anti-cancer drug Jun 14, 2021, 12:13 PM IST Natco Pharma's on Monday said its partner Breckenridge marketing Pharmaceutical Inc has received approval from the US health regulator for anticancer drug Carfilzomib Vials. "Breckenridge Pharmaceutical Inc. (BPI), has received approval for its abbreviated new drug application (ANDA) for Carfilzomib Vials ANDA (generic for Kyprolis), from the US Food and Drug Administration (USFDA)," Natco Pharma said in a regulatory filing.



Last Updated: Jun 10, 2021, 10:25 AM IST

Prime Minister Narendra Modi, in his address to the nation on Monday, overhauled the vaccination policy taking control of the procurement that was earlier delegated to the states. The service charge that private hospitals levied was also capped at Rs 150.

SII, Bharat Bio seek hike in govt price for vaccines

June 16, 2021, 06:17 IST

Serum Institute of India (SII) and Bharat Biotech (BB) are seeking higher prices for Covid-19 vaccines from the Centre amid concerns that the cost of Covishield and Covaxin shots in private hospitals is already high.

'Use anti-mucor inj if key drug unavailable'

June 14, 2021, 06:10 IST

The joint national task force for Covid-19 has said posaconazole injections can be used to treat mucormycosis, also known as black fungus, if amphotericin B is unavailable or cannot be used in patients with severe intolerance to the drug. Covishield vaccine carries slightly higher risk of bleeding disorders: Study

Last Updated: Jun 10, 2021, 10:25 AM IST

Reports of rare clotting and bleeding disorders in vounger adults. fatal. led some а number of countries to limit the vaccine's use to older people, and a few to drop it altogether.



Glenmark launches Tiogiva - tiotropium bromide dry powder inhaler in UK

June 15, 2021, 10:17 IST

Glenmark Pharmaceuticals has launched a bioequivalent version of Tiotropium Bromide dry powder inhaler (DPI) under the brand name – Tiogiva, in the UK for the treatment of chronic obstructive pulmonary disease (COPD).

CSIR to start clinical trials of Colchicine on Covid patients

June 12, 2021, 20:56 IST

The Council of Scientific and Industrial Research (CSIR) will undertake a two-arm phase-II clinical trial to assess the safety and efficacy of the drug Colchicine for the treatment of Covid-19 patients.

CO-CURRICULAR ACTIVITIES

......

1. "e-WOMEN ENTREPRENEUERSHIP DEVELOPMENT PROGRAM"

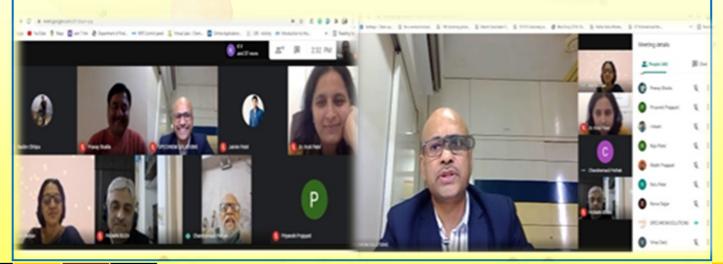
Arihant School Of Pharmacy and BRI, even He acknowledged the support received Gandhinagar & Rural Development by Various Ministries and also from premium Foundation (RDF), Anand had organised National Institutions.

Online Program on Enterprenuership Program" for one month National Science and date 30th March 2021 to 30th April 2021, undertaking which mainly focussed on development entrepreneurship skill.

......

Rural **Development** Fund was informed the students that Foundation till Development date successfully implemented various skill based entrepreneurial training related programmes technical skills to the educated & uneducated Mohan. youth of rural as well as urban areas and

"E-Women In the programme the 30 girls students of **Development** different semesters of **B**. pharm had sponsored by participated who were taught about mind-set Technology of women entrepreneurs, idea generation, Entrepreneurship Development Board on process of thinking of a business enterprise, risks, handling economic women uncertainties involved in running it, Pharma marketing and Social media usage and also Mr. Pranay Shukla, Program Director, the students were made aware of the process the of identifying opportunities in the market Rural place and arranging resources required to has exploit the opportunities for long term gains, of journey women to entrepreneurs by various experts. Coentrepreneurship development to impart ordinator of the programme was Dr. Arti



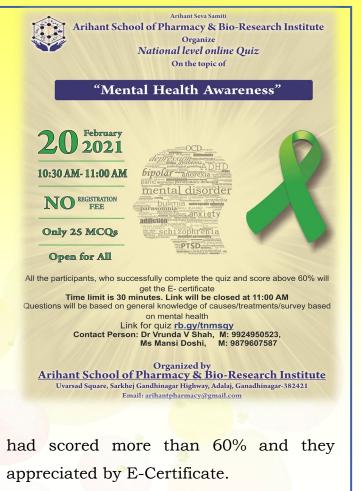
2. "ONLINE QUIZ COMPETITION"

Topic: National level online Quiz on the topic of *"Mental Health Awareness"*

Date: 20th February 2021

Event Coordinator: Dr. Vrunda Shah and Ms. Mansi Doshi

Total 351 participants from various institute has participated in this online quiz. Quiz includes 25 MCQ related to general knowledge of causes/treatments/ survey based on mental health. Participants who had scored above 60 percentages were awarded by Ecertificate of successful participation with appreciation. Around 212 participants



3. "SCIENCE DAY CELEBRATION BY POSTER PRESENTATION "

Date: 25th February, 2021

To showcase the talents, innovative ideas, skill, poster presentation and working model demonstration by which students There were 20 working models/projects and 50 poster were presented in this event. Dr. Divyakant Patel, Dr. Sunita Chaudhary, Dr. Nisha Parikh and Dr. Aditi





Bariya were served the role of judges for the event.

At the end, event, in- charge Principal, Dr. Divyakant patel has appreciated all the students and faculty members' efforts that they put into making this event successful.

4. ESSAY WRITING COMPETITION ON INTERNATIONAL DAY AGAINST **DRUG ABUSE & ILLICT TRAFFICKING**



2000), Originality, Ideas and Concepts, Grammar, Unique writing

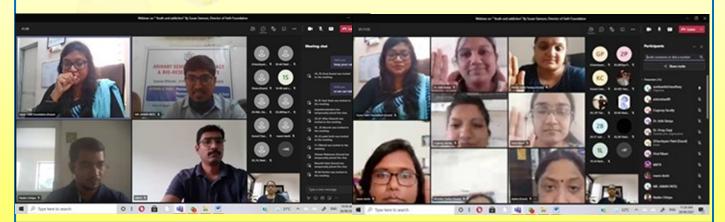


style, Creativity, Descriptive language in English. Best 3 essays were selected as winners.

School of Pharmacy & BRI Foundation, Arihant day against trafficking.

Essay submission was Dr.Sunita Chaudhary (Professor, ASP and of drug abuse. Pledge for "No Drugs": BRI) judged the essay on the basis of point Online line pledge was taken. of view as per theme, Word limit (1500-

Ms Susan Samson, Director, Faith Vadodara with total organized Online Essay competition for Participants: 249 students of B.Pharm and young pharmacist on the theme of "Drug M.Pharm delivered on topic Youth and Trafficking and its prevention" on 26th drug addiction' and elaborated that most June 2021 in celebration of international addictions begin with youngsters either drug abuse and illicit watching a close family member or friend abuse a substance and thinking that it is Owing to ongoing pandemic situation, normal or just wanting to 'try it' as others done through are doing the same, which means that the Google Forms. Total 36 students from habit begins with watching and being different colleges has participated in online influenced by others. She also highlighted essay competition. The event co-ordinator, that how we can stay away from this type





SELF DEFENCE TRAINING PROGRAMME

Date: 22nd January 2021

Self-defence training program was organized by CWDC committee of the institute for the girls of all B.Pharm and M.Pharm students and faculties at institute premises with social distancing. The training will be conducted by Ms. Vaishali Salunkhe Dhoot, founder of Streebal Foundation. Ms. Vaishali is a Self -defence trainer and Life Coach who has been awarded the honorable Samajratna Award for her contribution to the Women Empowerment, for more than 29 years. She has also been awarded as FSIA Real Super Woman 2020 Award. She taught various tricks and techniques for selfdefence.







Executive Day

DAYS CELEBRATION

Dayscelebrationwasorganisedforstudentsfrom15thto20thFebruary2021.Thetraditionalday,groupday,executivedayandstalldaywerecelebratedby studentsenthusiastically.



PLACEMENT DRIVE

were placed in different companies. With package of 1.5 to 2.5 lakhs per annum.

The institute had organised **Placement workshop** for B.Pharm and M.Pharm students in coordination with Saraswati Institute of Pharmaceutical Sciences, Dhanap, Chiloda

Date: 24th March 2021

Various 9 companies had involved for recruitment including Sushen Medicaments' Pvt Ltd, Accuprec Research Lab, mediTab etc. Two students of M.Pharm and 4 students of B.Pharm



PARENTS MEET

Date: 7th March 2021.

Parents meet for semester 1st of D.Pharm, B.Pharm and M.Pharm was organized. For B.Pharm total 119 Parents/Students and Faculty had participated and were made aware regarding their daughter/ son's study performance, college education systems, student's evaluation system, GTU 100 point activities and activities or seminar organized in college.

For M.Pharm 23 Parents/Students and Faculty had participated and were made

ARIHANT SCHOOL OF PHARMACY & BRI Organize PARENTS MEET 2021 (B. Pharm/M. Pharm/D. Pharm) (Sem-1) MARCH 5:00 PM to 4:00 PM

aware about academic performance & attendance of their ward, college education systems, student's evaluation





system, Satrt-ups and entrepreneurship development activities, research and placement related activities and future plans of the college.

For D.Pharm 20 Parents/Students had participated and were made aware regarding study performance, college education systems, student's evaluation system etc.

AWARENESS PROGRAMME ON DRUG ABUSE





Date: 10th March- 2021

NSS Cell of Arihant School of Pharmacy and Bioresearch Institute in association with Prohibition & Excise department Government of Gujarat organized A one-

day event on "Awareness on drug abuse"

Poster and Rangoli competition was organised at college campus which was followed by awareness talk and short drama. Total 6 Rangoli and 21 posters are there in event competition. 98 students participated actively in events.





FIRE SAFETY TRAINING PROGRAMME

DATE: 9th April 2021

The awareness session for staff was held online mode due to prevailing situation of COVID 19. Dr Nishith Patel provided detail on several important points including, basic requirement for any kind of fire, category of fire and the type of fire category for institutions having science laboratories, prevention of category a, b, c, d type of fire, precautions to prevent fire, what to do in the event of fire, when to and How to operate fire extinguisher. The mock drill was carried out by Mr. Ghanshyam Patel (NSS coordinator) and Dr Vinay Darji. They explained when and how to use fire extinguisher.





WORLD ENVIRONMENT DAY CELEBRATION

DATE: 5th June 2021

NSS Cell of Arihant School of Pharmacy and Bioresearch Institute celebrated oneday event on theme of " **Reduce, Reuse and Recycle** " on 5th June 2021 to create awareness among students to save environemnt. 34 students participated actively in events from different colleges



like Swarnim Science College, Arihant school of pharmacy and bio research Κ. institute, B. Mody government pharmacy college, Sharda school of pharmacy .Mr. Ghanshyam Patel and Mr.Nadim Chhipa sir evaluated 34 videos on different theme of reduce, reuse and recycle. Winners are selected based on concept and originality of video. Certificate will be given to winners.



PLANTATION DRIVE

Date:17th June 2021

"Nature is God's most beautiful creation. It felicitates the growth, development and nourishment of all its creatures" To understand this quote Arihant school of Bri have pharmacy and arranged plantation drive to contribute towards nature. All faculty memebers have planted more than 30 plants in medicinal garden and students have done plantation at home to learn duty towards nature. The drive was a huge success, empowering students with substantial knowledge of environment and plants

^{વિદાર્થીઓએ} GREEN CAMPUS CAMPAIGN

સિટી લાઇફ → વૃક્ષારોપભ્રએ વિશ્વમાં હરિયાળી ફેલાવવાની સૌથી સહેલી અને ઝડપી રીત છે. હાલના તબક્કે પ્રદૂષણ તથા ગરમીના તાપમાનમાં સતત વધારો થઈ રહ્યો છે. તેથી વાતાવરભ્રને પ્રદૂષણ મુક્ત રાખવા માટે વૃક્ષો ખૂબ જ ઉપયોગી છે. ગુજરાત ટેકનોલોજિકલ યુનિવર્સિટી દ્વારા ચાલુ વર્ષે વધુમાં વધુ વૃક્ષારોપજ્ઞ થાય તે માટે અભિયાન ચલાવવામાં આવે છે. આ અભિયાન અંતર્ગત તથા પૃથ્વીને લીલોતરી બનાવવા અને વધુ વૃક્ષોનું જતન થાય એ હેતુથી અરિહંત સ્કૂલ ઓક ક્ષાંસી એન્ડ બી.આર.આઈ, અડાલજના NSS સેલ દારા વૃક્ષારોપભ્રનું



આયોજન કરાવું હતું. જેમાં ૨૦૦ જેટલા વૃક્ષોનું વાવેતર ૫૦ જેટલા શૈક્ષણિક અને બિનશૈક્ષણિક કર્મચારીઓએ કર્યુ હતું.





INTERNATIONAL YOGA DAY CELEBRATION

Date: 21st June 2021

Total Participants: Students 250 virtually pranayama and suryanamaskar for 1hr. and staff around 50

remain present physically. On the occasion better health and well beings.

of the seventh International Day of Yoga, faculty has performed small movement exercise, Session was handled by Dr. Nisha Parikh International yoga day was celebrated and Dr. Sunita Chaudhary. They explained virtually for students and faculty members importance of yoga in our daily practice for



INTERNATIONAL DAY AGAINST DRUG ABUSE AND ILLICIT TRAFICKING

Date: 19th June- 2021

Chief Guest: Shri Sunil Kumar, IAS, Director of Prohibition and Excise **Department Government of Gujarat**

NSS Cell of the Institute in association



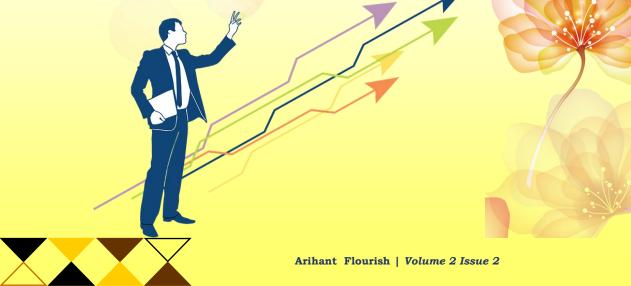
with Prohibition & Excise department, Kumar was chief guest of event. He has Government of Gujarat and Emcure given informative talk to youth to remain awareness free from drug and he also explained pharmaceuticals organized about international day against drug harmful effect of drug in our daily life and abuse and illicit trafficking. Mr. Sunil future.



INSTITUTE ACHIEVEMENTS

Patents Filed by Institute

Patent No	Title of patent filed	Name of patentee	
202121002712	H <mark>erbal Emulgel</mark> Formulation	Shah Hena, Sureja Merry, Baraiya Zankhana, Patel Ganshyam, Bhimani Bhavin, Patel Jaymin, Patel Divyakant, Patel Upendra	
202121021031	Antibiotic Bioconjugates	Jain Aanchal, Dr. Nisha Paikh, Dr. Ragin Shah, Dr. Arpit Patwari	
202121022842	A Nutraceutical Immunity Booster Gummy Formulation	Dr. Mona Amit Ka <mark>ushal Jo</mark> shi Dhara Nileshkumar, Gajjar, <mark>Rutva</mark> Nileshkumar	
202121023288	A Polyherbal Menstrual Cramp Relief Topical Spray Formulation Of Matricaria Chamomilla		
202121023518	A Herbal Antifungal Topical Spray Formulation	Shah Vatsal Pareshkumar, Parmar Payal Kaushikbhai, Prajapati Riddh Ashokbhai, Dr. Vrunda V. Shah, Dr. Nishith Patel	
202121027857	A Novel Neutraceutical Cookies From Carrot Peel	Jadhav Namita Dilipbhai, Patel Aesha Ashishbhai, Shah Hiral Jijar	





Expert Talk by Faculties

Name	Type of talk	Topic	Event	Date
Dr. Nishith Patel	Dr. Nishith Patel As a Expert Why, How and When talk to file the Patent?		Swarrnim Talk Series at Swarrnim Startup and Innovation Uni.	10 th January, 2021
Dr. Sunita Chaudhary & Dr. Nishith Patel	As a Expert Startup stories in S		Swarrnim Incubation Centre, SSIU	12 th February 2021
Dr. Ragin Shah As a Speaker in Refresher course Barbonic		Refresher Course, SSPC, Mehsana	13-14 th March 2021	
Dr. Nishith Patel Resource Person Intellectual Properties for management of start –ups		GUJCOST Sponsored Webinar at Swarrnim Incubation Centre, SSIU	20 th March, 2021	
Dr. Ragin shah	Resource Person	Advancement in 3D printing technologies in pharmaceuticals and health care- current status and future opportunities	Refresher course, Faculty of Pharmacy, Marwadi University, Rajkot	23 rd - 24 th April, 2021
Dr. Nishith Patel Resource Person Role and Process of Trademark and Copyright in research		GUJCOST Sponsored -Seminar at ROFEL Shri G.M. Bilkahia College of Pharmacy, Vapi	9 th – 10 th April, 2021.	
Dr. Vrunda Shah As a speaker in refresher course How to prepare robust pre incubation system		Swarrnim Incubation Centre, SSIU	26 th December 2020	

Dr. Mona Kaushal and Dr. Nisha Parikh received Gold and Diamond Awards respectively from GTU for conducting different series lectures on IPR



 Dr. Sunita Chaudhary Won First Prize in Paper Presentation in two days online seminar on " Current trends and challenges in pharmaceutical Sciences" on 2nd - 3rd April, 2021 at Nootan Pharmacy College, Visnagar

Dr. Nishith Patel and Dr, Nisha Parikh were appreciated for their continuous efforts, dedication and contribution to develop entire startup ecosystem of Swarrnim Incubation centre, SSIU

GC

Online Course Completed

Name of faculty	Name of course	Authorised bodies	Course duration
Dr Nishith Patel	Legal Aspects of Startups	GNLU Centre for IPR, Gujarat National Law University, Gandhinagar	20 th February to 14 th March 2021

Book/Chapter Published by Faculties

Name of faculty	Title	Title of Book	Publisher	Year
Dr. Sunita Chaudhary	Solvent Emulsification Evaporation and Solvent Emulsification Diffusion Techniques for Nanoparticles	Emerging Technologies for Nanoparticle Manufacturing	Springer Nature, Switzerland	2021

Paper/Poster Presented by Faculties

Name of faculty	Paper/Poster Title	National/ International, Event	Venue	Date
Dr. Nisha Parikh	Poster: 'Product development for management of diabetes and associated complications'	International Conference on 'Formulation in food and health care 2021'	University of Birmingham	8 th to 11 th March, 2021
Dr. Sunita Chaudhary	Paper: Nasal in situ gel of Anti HIV drug for nose to brain drug delivery	National Seminar : Current trends and challenges in pharmaceutical Sciences	Sakalchand Patel University	2 nd -3 rd April, 2021

Paper Published by Faculties

Name of faculty	Title	Name of journal/ Book	Volume, Issue, Year
Dr. Mona Kaushal	Analytical Techniques for he estimation of Perindropril Erbumine: A review	Current Pharmaceutical Analysis Impact Factor.0.92	Volume 17, Issue 2, 2021
(Main Author) dispersion Method: in vitro and in vivo PharmSC		AAPS PharmSCiTech Impact Factor-2.4	Volume 22:127 2021
Dr. Vinay Chhanalal Darji	Review study on Effect of Prophylactic treatment of Hydroxychloroquine (HCQ) in health care workers in covid- 19	International Journal of Pharmaceutical Research	Volume 13 Issue 2, 2021
Dr. Hiral Shah	Proniosomal vesicles as an effective strategy to optimize naproxen transdermal delivery	Journal of Drug Delivery Science and Technology Impact Factor-2.73	Volume 63 , June 2021
Dr. Nisha Parikh	Novel Reverse-Phase High-Performance Liquid Chromatography (RP-HPLC) Method for the Quantification of Apigenin in Ocimum basilicum Linn Seeds	Current Analytical Chemistry, Impact Factor-1.36	Volume 17 (1-8), 2021,

FDP/STTP attended by Faculties

Name of Faculty	Title of FDP	Date	Organised by
Dr. Nishith Patel, Dr. Nisha Parikh Mr. Ghanshyam Patel	"Self-reliance: A need of an hour for pharmaceutical industry in India"	4 th -9 th January 2021.	Gyanmanjari Pharmacy college, Bhavnagar
Dr. Divyakant Patel, Dr. Nishith Patel	"Artificial intelligence in pharmaceuticals: Contemporary status & Impending Prospects"	15 th -20 th February 2021	Chameli devi Institute of Pharmacy, Indore
Dr. Mona Kaushal	"The pedagogic approach for effective teaching learning throughout come based education (OBE)"	1 st -16 th February 2021	Department of Mechanical engineering, Anjuman College of Engineering and Technology
Dr. Divyakant Patel Dr. Mona Kaushal Mr. Nadim Chhipa	Drug Repurposing (Dr): An Emerging Approach in Drug Discovery	14 th -19 th June, 2021	Anand Pharmacy College, Anand

Glimpse of Faculty Achievement



STUDENTS ACTIVITY AND ACHIEVEMENTS

It is a Proud Moment



GPAT-2021 Qualifiers







Fatimah Marmawala AR-194 Score-250



Parth Surana AR-2761 Score-170

Gargi Jogi AR-231 Score-246

Srusti Dave AR-671 Score-218



Rutvi Goswami AR-17507 Score-95



Congratulations for Placement



RANK RECEIVED BY STUDENTS IN UNIVERSITY



Arihant Flourish | Volume 2 Issue 2

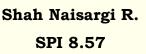


ACADEMIC EXCELLENCE

Bachelor of Pharmacy









Purasnani Urmi M. SPI: 8.61



 $\overline{\mathbf{x}}$

Jani Kushal V. **SPI 8.50**

Sem 5

 $\overline{\mathbf{x}}$

 $\overline{\mathbf{x}}$



Desai Priyanka K. SPI: 9.67



Shah Rajvi D. SPI: 9.33



Patel Mansi B. SPI: 9.27



Dave Srusti R. SPI: 8.79









Sureja Merry P. SPI 9.21



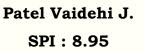
Prajapati Riddhi SPI 9.07

ACADEMIC EXCELLENCE

Master of Pharmacy









Kukvaya Disha D. SPI : 8.95



Kikani Hiral A. SPI: 8.76

Patel Urvi Yogesh Kumar from semester 2, B.Pharm secured 1st position & Nisarg Patel, Sneha Narayan from semester 4 and Neel Joshi, Ruchi Singh Chaudhary, Partiv Patel and Punjabi Tej from Semester 2 B.Pharm secured 2nd position in virtual level quiz competition MIND FIZZ 2021 on "intellectual property and small and medium enterprises on April 2021 at Parul university.

Vedant Patel of second sem B.Pharm secured **2nd position** in online quiz comipition on the occasion of world no tobacco day on 31 May 2021.

Meghavi Trivedi, Riddhi Prajapati and Payal Parmar secured **1**st **position**, Patel Smit, Bagadiya Anjali and Vaghel a Jaysingh secured **2**nd **position** & Patel Urvi, Patel Badal, Patel Parthiv secured **3**rd **position** in Rangoli competition in awareness programme on drug abuse on 10/3/21.

Patel Koral, Patel Niyati D, Patel Shruti K, of Semester 2 B.Pharm secured **1**st **Rank** & Patel Dhruvi, Patel Diya, Borad Juhi , of Second Semester B.Pharm **2**nd **Rank** in Poster Competition in One-Day Event On "Awareness On Drug Abuse" 10th March, 2021.

GUEST LECTURE

MRS. ROMA ASHISH VIRADIYA,

Embryologist, MD Accupressure Trinity IVF Center, Complete women care, Surat DATE: 13th February 2021

TOPIC: Menstruation hygiene and cervical cancer

Total Participants: 120 students of D. Pharm, B.Pharm and M.Pharm

Mrs Roma Viradiya has nicely focused cervical cancer its to prevention, to limit the HAP exposure. She has also emphasised on menstrual hygiene and its maintenance to

prevent this type of problems. Hygiene can be maintained by keeping yourself clean and comfortable during menstrual days, making sure you change tampons, liners, or pads every few hours, safe disposal of used pads, wash your self regularly, avoid soaps and vaginal product regularly. Maintaining personal period hygiene is the key to safe and peaceful menses.

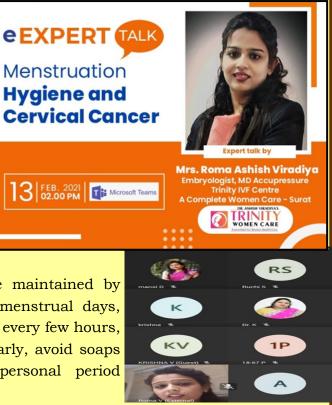
Dr. Sheetal Butani, Associate Professor, Institute of Pharmacy, Nirma University DATE: 20th February 2021 TOPIC: Key strategies for strengthening

research capacities

Total Participants: 110 students of D. Pharm, B.Pharm and M.Pharm

Dr. Sheetal Butani has highlighted the need for research, development, and innovation. She mainly emphasize on preparation of manuscript, finding UGC journals. She also





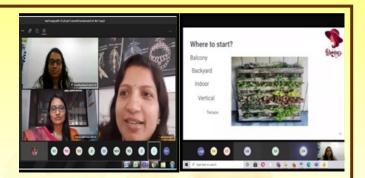


explained various indexing of journal like web of science, Scopus and Google scholar. She also emphasised on various types of research grant available in Pharma field and its availing in different bodies with proper proposal which are suitable to the specific bodies. She explained in detail about how to apply research grant in Atomic plasma research center, Gandhinagar. She simply explained key point that need to take care while writing project proposals.

GUEST LECTURE

Dr. Nikunjana Patel, Assistant Professor, SKPCPER, Ganapat University, Date: 8th March 2021 Topic: "Kitchen garden: Green companion in your garden" Total Participants: 210 students of B.Pharm and M.Pharm Dr. Nikunjana explained about kitchen





garden concept and we grow in our home & not for sale. Main advantages of kitchen garden is recycled your She highlighted how to start kitchen garden. From waste like tyres, bottles we can grow for cost effective effort. Mam nicely explained steps to start the kitchen garden. And require care of plant like watering, mulching, pruning and pesticides. She had highlighted about microgreens as innovations in gardening as nutrient supplement. They are between baby plants and sprouts.

Dr. Kailash Parmar, Director, PharmACE Laboratory Date: 30th March 2021 Topic: "Computational approaches in drug **EEXPERT** TALK design" Computational Total Participants: 225 students of B.Pharm Approaches and M.Pharm In Drug Design Dr. Parmar various has highlighted structure-based drug approaches in stry Expert talk by design include docking, de-novo design, Dr. Kailash Parmar fragment-based drug discovery and structure-1 PharmACE Research Laboratory based pharmacophore modeling. She discussed about Current trends in drug discovery focus on disease mechanisms and their understanding, followed by target identification and lead compound discovery. She also emphasise on the process of the design, discovery, and development of drugs are complex 111 processes involving many different fields of knowledge and are considered a time-consuming and laborious inter-disciplinary work. She had given detailed about various steps for QSAR study. P KP

GUEST LECTURE

MR SUNIL TEKWANI,

Manager, Regulatory Affairs- Formulation, Emcure Pharmaceuticals Ltd. DATE: 16th April 2021 TOPIC: Drug Approval Process

Total Participants: 219 students of B.Pharm and M.Pharm

Mr. Tekwani has started session with need of drug approval process in industry. He highlighted various step by step breakdown drug approval process of including preclinical with different phases of clinical trials and NDA application. FDA approval process begins only after submission of investigational new drug (IND) application. profile The drug's safety and



MR. AARTH PANDYA,

Plant Manager, Nikol healthcare Pvt. Ltd., Talod

DATE: 9th April 2021

TOPIC: C GMP and Industrial Management

Total Participants: 219 students of B.Pharm and M.Pharm

Mr. Pandya has explained about principles of cGMP, its parts, requirement of plant & equipment. He thoroughly explained Industrial Management in Pharmaceutical industries and its important role in pharma industries. Mr. Aarth has highlighted Good manufacturing practices (GMP) are the practices required in order to conform to the guidelines recommended by agencies that



pharmacokinetics of drug are focused in this phase. Phase II trials (2 years) are performed if the drug successfully passes phase I. He also highlighted that new drug application (NDA) can be filed only when the drug successfully passes all three phases of clinical trials and includes all animal and human data. data analyses, pharmacokinetics of drug and its manufacturing and proposed labelling.

control the authorization and licensing of the manufacture and sale of food and beverages, cosmetics, and pharmaceutical products.



GUEST LECTURE

MR. NISARG BHAVSAR,

Head, QC, Fidelity Health Services

TOPIC: Pharmacovigilence and medical information system

DATE: 12th June 2021

Total Participants: 159 students of B.Pharm and M.Pharm

Mr Bhavsar highlighted the concept of Pharmacovigilence, medical information system and its role in finding drug interaction with various examples of drug which used commonly like metformin. Provided aims of pharmaco**vigilence** to improve patient care and safety in relation to the use of medicines and all medical and paramedical interventions. It improve public health & safety & detect problems in relation to the use of medicines and communicate the findings in a timely manner.



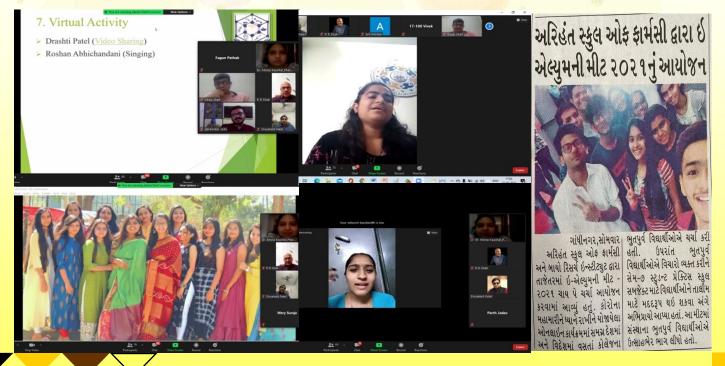
ALUMNI CORNER

Alumni Meet Date: 27th June 2021 Total Participants: 100 pass out participants

Alumni cell of Arihant School of pharmacy and BRI organised Alumni meet to re-connect to their alumni for numerous reasons and



occasions. Meet was aimed to associate the alumni in the developmental activities of the institute, recherish the old golden days of college life. Event contains appreciation for entrepreneurship journey of alumni, Video sharing from students for their golden memory and establishment of trust of alumni for helping the needy. Many students have participated in activity like singing, poem recitation and shayri. Feedback of students from various countries like Canada, and US were also taken. Students were selected as distinguished alumni for their extraordinary achievement. All have enjoyed well in evening event.



ALUMNI AS BUDDING ENTERPREUNER

MS. REETA JOSHI,

Director and Founder, Rewell pharma Etd. in 2020.

My first and main product which I specially formulated for obesity and blood sugar control.

This formula specially use for weight loss process helps to burn fat and also use in control blood sugar level (increase sensitivity of insulin) so it is also use for diabetes with unique taste. In very short of time our proudct has covered the whole kutchh and than covered mega city of Gujarat's and out of Gujarat





reached to Delhi, Maharashtra and punjab. And by the blessing of god we start to sell in UAE and very soon we also start sell in South Africa also.

MR. JAGDISH PATEL

Director

Qualimed Pharma

I have developed Q-TONS Throat Spray which is is simple, easy use & advance medical device.

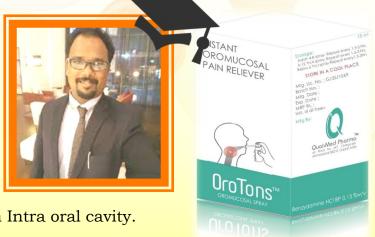
Fastest, most effective and convenient

way to get rapid releases of the drug in Intra oral cavity.

Highly attractive for paediatrics, adults and geriatric patients

of all ages who need Frequent or immediate medical intervention.

The design of Q-TONS sprays came out with a purpose to improve patient's compliance.



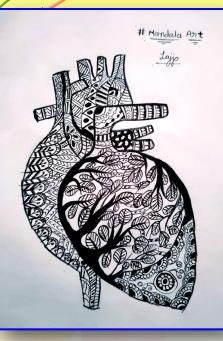




CREATIVITY CORNERS



Lajja Prajapati | <mark>Sem-2 |</mark> B.Pharm



Mandala Art by Prajapati Lajja | Sem-2 | B.Pharm



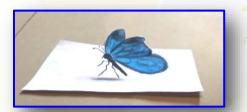
Divya Prajapati | Sem-5 | B.Pharm



Vekariya khushi kirit | Sem-2 | B.Pharm



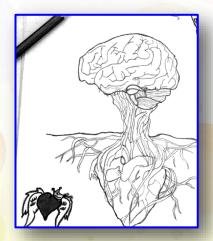
Patoliya Devanshi Miteshkumar | Sem-2 | B.Pharm



3D Art by Anumitra D | Sem-4 | B.Pharm



Patoliya Devanshi Miteshkumar | Sem-2 | B.Pharm



Rushi Patel . | Sem-2 | B.Pharm



Ms. Mansi Doshi | Faculty



Rutu Patel | Sem-8 | B.Pharm



Parv Patel | Sem 2 | B Pharm



Resin tray By Joshi Neel | Sem-2 | B.Pharm



Canvas Painting by Ms. Mansi Doshi | Faculty



Vivek Pankhaniya | Sem-8 | B.Pharm



Canvas Painting by Ms. Mansi Doshi | Faculty



Rutu Patel | Sem-8 | B.Pharm

CREATIVITY CORNERS

તકલીફો દોડી આવે એ ભાળી જ્યારે આપડા જોડેથી થાય બધુ ખાલી ઠવે કેમની પડે એક હાથે તાળી અજવાળા માં શી આવી ગઇ રાત અંધારી કોણ જાણે ક્યાં મુકાઈ ગઈ ખુશીઓ ના બોકસ ની ચાવી જેના પર ઠક ઠતો અને જે હતી આપણી એ બધુ આપવું પડે છે કહી ઢવે થઈ એ તમારી ત્યારે સમજાય સાઢેબ! કે દુનિયા મા શું લઈ આવ્યા તા? શું લઈ જવાના? હવે તો આ દુનિયા પણ સગી ના શઇ તમારી...

Smit Naileshbhai

Bhavsar

DREAMS जितने बड़े होंगे... रास्ते उतने पतले होंगे...

PROBLEMS थोड़ी ज्यादा होगी... राते उतनी छोटी होगी...

जितने लोग कम होंगे, उतने ज्यादा तुम STRONG होगे...

DUNIYA दूर होगी... माँ बाप पास होंगे...

MEHNAT अकेले तुम्हे ही करनी है... एक दिन STAGE पर अकेले भी तुम होंगे...

बस धैर्य रखना दोस्त... LATE मिलेगा... पर लाजवाब मिलेगा॥ #SUCCESSरछ

- @ll_adarsh_28_ll





WHAT IS IT THAT YOU HIDE?

Show me All that pain behind your smile Ah! Those tears that escape Your eyes Tell me there's a story Left behind Why do you shiver When you shake my hand? I hear silence When you speak A voice unheard Hiding from me Remember when I said I've seen it all? A little faith, dear I'll break your fall Let the well dry, It will rain again Dream of the skies I promise, you can fly again

BY DHARA JOSHI

एक समय अनोखा

जान ये महान है जो न समझा वो बेजान है। उन्होंने सर पर कफ़न बांधा और जान बचाई। पर ये लाचारी कफ़न को चार गुना दाम में खरीद लायी।। दुआ में बेटा मांगा अग्नि संस्कार के लिए। जब मौत आई तब वार्ड बोय की बारात आई।। बीमारी नहीं थी इतनी जान लेवा उस साल। अब तो बिमारीयों की कतार आई।। लाल पीले रंग बहुत खुबसूरत लगते थे पहले। फंगस ने उस खुबसूरती पर आग लगाई।। किममत जान की थी पर सांस महंगी पड़ गई। जब ओक्सीजन की कमी जान पर भारी पड़ गई।। सोचा न था एक वक्त ऐसा भी आएगा । जब इंसान ही इंसान को छ न पाएगा ॥ दफ्तर भी सारे खाली पड गए । बच्चों के बसतो मे भी तो ताले लग गए ॥ मन्दिर मस्जिद में लोगो की भीड कहाँ । अस्पतालों में लोगो के तांते लग गए ॥ झुठा सच्चा सब धोखा है कोरोना में ही मौका है , किस तरह न जाने इसका उपयोग हआ । कहीं जान बची तो किसी ने खेला पैसों का जुआ ॥ साँस यू न जाने कई बार आती है सीने मे उसका भी देखा रूप बह्त महँगा हुआ ॥ लाखो का रसीद भी तो इस साल आया । दवा क्या दी थी मरीज को यही तो बता न पाया ॥ नव वर्ष मे रोशन एक उमीद आई । vaccine की राहत से धरती जगमगाई।। नया DRAMA फिर आया । चलो जरा बताओ आर्य्वेद की अलोपेथी ने तुम्हारी जान बचाया॥ कुछ कुकर्मी ने अपनी दुकान को जमाया । <mark>दया और इंसानियत को कालाबजारी ने पचाया ॥</mark> दिन बीत जाएगे बात हो जाएगी पुरानी । लोग मर गए रह जाएगी उनकी कहानी ॥ हम क्या कर सकते है लोग पुछते है ऐसा । संक्लप सच्चाई का कर ये रोना कैसा ॥ लापरवाही करोगे तो जान से जाओग । फिर अपनी बेटी की डोली कैसे सजाओगे ॥ थोड़ा डर भी जरूरी है जीवन की रचना मे । तोड़ा है ईश्वर ने घमंड सृष्टि की संरचना मे॥ जरूर ही काली रात का सुनहरा संवेरा होगा। सबर कर भाग्य मे राहत का बसेरा होगा ॥

-दिव्या तिवारी

CREATIVITY CORNERS

June!!

June!!

June is my least favourite month. The weather is hot and humid af!

After a hot may we wait for June. 1st

June #schooladmissionbirthday!!

This month reminds me of end of school holidays. June was the Monday of summer vacation. In starting of June we feel like cool okay it's june we think like summer is gone whether it gone or not but we feel like it's gone!! Mangoes are also gone to their homes.

Typically schools were started in 13- 15 june. And the first day of school, we know this is my old school but the 1st day is very special for all of us. After a long vacation when we came to school and all things feel like new. New standard, new school dress, new class teacher and the new admissions. Even if you are old but you have that excitement and happiness to know the new student but this online class has robbed that excitement.

And on first day of school I used to call my friend and ask if we wear school dress or colour dress? And used to she said, like colour dress and I tell her no no mam would punish us. So what are we suppose to do and she used to tell like yes mam will punish us and then we used to call our 3rd friend what we wear? School dress or colour dress? And let them confused to all in our group. That excitement is ruined in this boring online classes. Then the 1st day of our school parents used to drop us to school. I miss those days.

now, we just say "Those were the days"

But, its 1st june! And the month of june is least favourite or most favourite of yours?

BY RUTVA GAJJAR

ઈશ્વર આવતો નથી.... હે ઈશ્વર તું ક્યાં છુપાઈ ગયો છે, હવે તો એ લાખોની ભીડ પણ નથી રહી કે જેમા</mark> તું છુપાઈ શકે.

તો પણ તું કેમ આવતો નથી.... તું તો આટલો પરાક્રમી ,વિશાળ કાયા, છતાં તારી સામે આ નાનકડી સૃષ્ટ<mark>િ માં તું કેમ</mark> દેખાતો નથી.... તારી સામે અમે આ કીડી જેટલા નાના બાળ કીડી ની માફક મારી રહ્યા છીએ તો પણ તું કેમ આવતો નથી.... તારી આપેલી જિંદગીમાં અમે પાંજરામાં પુરેલા કેદી જેવા શઈ ગયા છીએ તો પણ તું છોડાવવા કેમ આવતો નથી... હવે તો સવાર થી સાંજ થવા <mark>આવી આ</mark> અંધારામાં ખૂબ ધૂંધળું દેખાઈ રહ્યું છે તું પ્રકાશ પાથરવા કેમ આવતો નથી.... અસંખ્ય માણસોની જીવનની પુસ્તકો બંધ થઈ ગઈ છે <mark>અસંખ્ય કાગ</mark>ળ કોરા રહી ગયા છે, તું તારી શાહી ભરીને આગળ લખવા કેમ આવતો નથી.... આ સંતાક્રકડીની રમત માં અંકો પણ પૂરા થઈ ગયા છે

આ સંતાક્ષકડીની રમત માં એકો પણ પૂરા થઈ ગયા છે બસ તારો થપ્પો કરવાની વાટ છે, તું એ થપ્પો કરવા કેમ આવતો નથી....

PRIYANKA DESAI

વાંક

વાંક, શું વાંક હતો એ. દિકરી નો જન્મ શું જન્મ વાંક હતો એ દિકરીનો હું તો શોધવા ગઈ હતી મારી ઓળખાણ , મને શું ખબર આ સપનું થઈ જશે ધૂળધાણ. સપનાઓ બઠુ મોટા ન હતા મારાથ, કદાય એમને તો નડતા જ ન હતા જરાથ. તો શું હક હતો એમને એ સપના તોડવાનો, ઠું તો જાણતી જ ન હતી એના તોડનારને. હજી શાહી સુકાની જ ન હતી મારા કલમ ની કાગળમાં,

ત્યાં તો ચુકાદા થવા માંડ્યા મારા આ કચેરીમાં. કદાચ ભગવાન ને પણ થયો હશે પસ્તાવો, આ જાનવરોને કેમ માણસ બનાવ્યો. કદાચ એ હિંમતવાન બની ગયા વસ્ત્રો ખેંચીને, જે માણસ ન બની શક્યા સી નું સન્માન લૂંટીને…

PRIYANKA DESAI



ARIHANT SCHOOL OF PHARMACY & BIO-RESEARCH INSTITURE

Uvarsad square, S.G. Highway, Gandhinagar, Adalaj Gandhinagar, Gujarat-382421

