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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 LETTERS

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“**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

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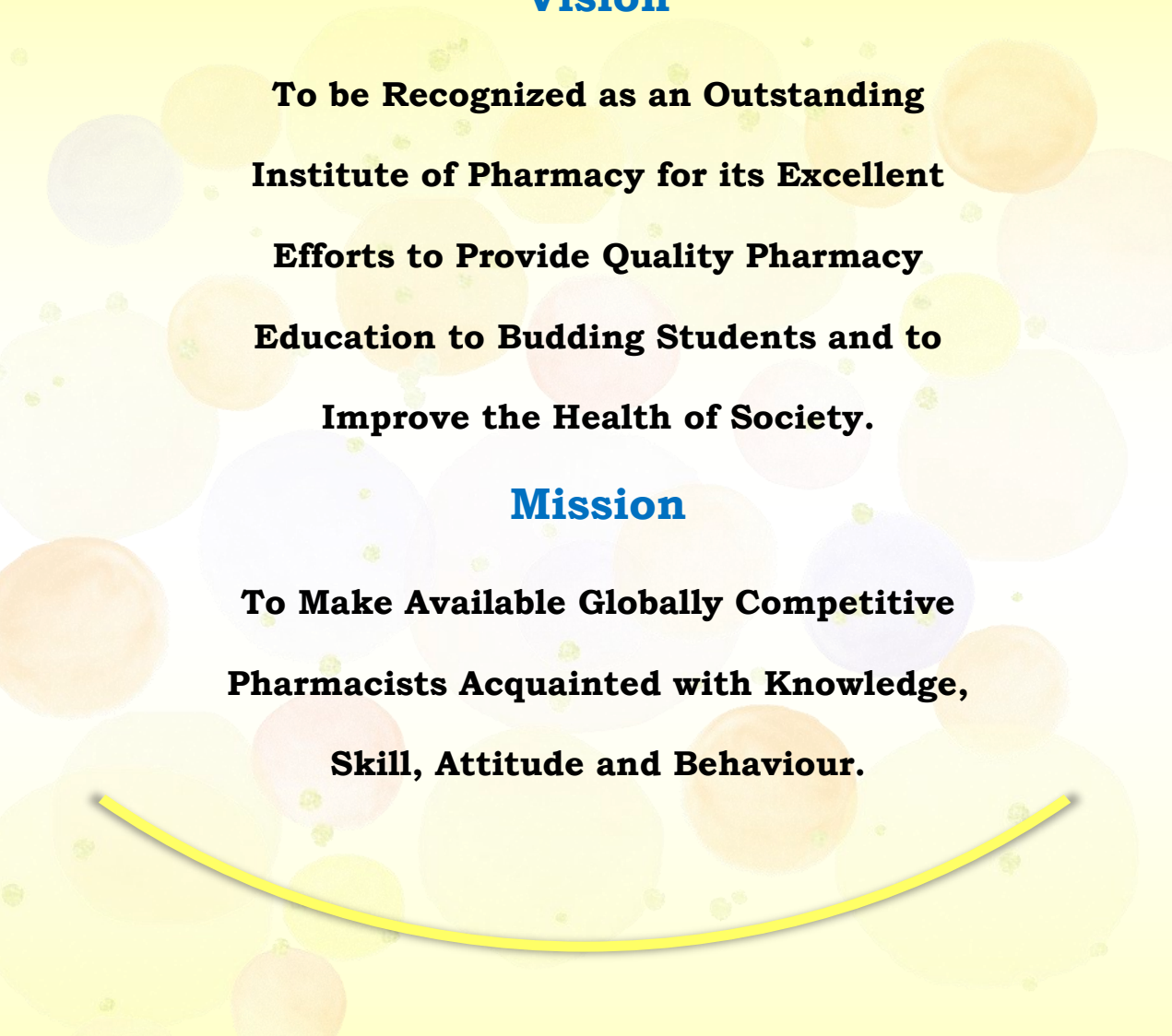


Vision

**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

ARIHANT SEVA SAMITI was established on 29th December 1994 under Bombay Public Trust Act of 1950. The trust is dedicated and active in the field of professional and world class quality pharmacy education and research with aim to deliver the best possible outcomes for the learners by providing the academic ambience in an invigorating campus.

Pharmaceutical Quality Assurance with intake of 15 in each, Pharmacology with 3 intake and Pharmacognosy with 9 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



Arihant School of Pharmacy & Bio-Research Institute is one of the growing pharmacy college managed by Arihant Seva Samiti established on 2005. The college is running D. Pharm course with 60 intake, B. Pharm course with the intake of 100 students and M. Pharm courses in Pharmaceuticals,

opportunity of training with/without stipend. In this campus we have come up with the unique concept of startup 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

I feel honoured to pen down about Arihant glory and its excellence.

Dynamic, dedicated and well-experienced faculty members not only teach the subjects as per the course curricula but also make sure to build a strong foundation for the students that will aid them to overcome life-hurdles in the future. As a Pharmacy Institute, we value excellence, start-up, innovation, diversity of community, diversity of ideas, integrity, academic freedom, collaboration, and accountability of resources and relationships, sharing knowledge in a learning environment.

I wish good luck to the entire team of editors and look forward for your kind patronage to our newsletter.



Dr. Upendra Patel

HOD, Department of
Pharmaceutics,
ASP and BRI



MESSAGE FROM EXPERT

I am happy to know that the Arihant school of School of Pharmacy and BRI is bringing its Newsletter “Arihant FLOURISH” that will showcase the events and happening of the institute. The college has developed and developing creative forums and the coordinated efforts of the students and faculties will also bring the necessary connect and bonding. I am sure that the newsletter will become a must-read chronicle on happenings around us. It is creditable to notice that institute has shaped in to contemporary system to make it conceivable for students and staffs to appraise their skill and talent in numerous areas in current modern era of development. I congratulate editorial team of faculties and students for their initiative and wish them success. Best Wishes to the Flourish Team.



Dr. Shrenik shah
Technical Director,
Montage Laboratory,
Himmatnagar



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

Summary of Enrolled Students in CED till now

Batch No	Start Date	End Date	Assessment Date	No. of Students enrolled	No. of Students Assessed	No. of Trainees Certified	No. of Trainees Placed
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	2
B9	8.7.2020	10.10.2020	04.11.2020	15	13	13	5
B10	29.10.20	On going	On going	14	-	-	-

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.

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

1) Pfizer and BioNTech to submit Emergency Use Authorization request today to the U.S. FDA for COVID-19 vaccine



Pfizer Inc. (NYSE: PFE) and BioNTech SE (Nasdaq: BNTX) announced they will submit a request today to the U.S. Food and Drug Administration (FDA) for Emergency Use Authorization (EUA) of their mRNA vaccine candidate, BNT162b2 against SARS-CoV-2, which will potentially enable use of the vaccine in high-risk populations in the U.S. by the middle to end of December 2020.

2) Novartis announces collaboration with Molecular Partners to develop two DARPIn® therapies designed for potential use against COVID-19

Novartis and Molecular Partners AG announced a collaboration in the form of an option and license agreement to develop, manufacture and commercialize Molecular Partners' anti-COVID-19 DARPIn® program, consisting of two therapeutic candidates, MP0420 and MP0423. The collaboration aims to leverage Molecular Partners' proprietary DARPIn® technologies and Novartis broad expertise in global drug development, regulatory affairs, manufacturing and commercialization to rapidly advance the

program in keeping with the unprecedented global urgency created by the pandemic.

3) Novavax announces facility expansion to support global vaccine development

Novavax, Inc. (Nasdaq: NVAX), a late-stage biotechnology company developing next-generation vaccines for serious infectious diseases, today announced the expansion of its Maryland campus to accommodate the company's rapid growth as it works to develop its candidate vaccine against COVID-19 and advance its influenza vaccine for global markets.

4) Bharat Biotech to launch Covaxin in Q2 2021

The company's vaccine candidate Covaxin- has been developed in collaboration with the Indian Council of Medical Research (ICMR) - National Institute of Virology (NIV) using inactivated Sars-Cov-2, the virus that causes Covid-19. The virus was isolated in an ICMR lab. "If we get all the approvals after establishing strong experimental evidence and data, and efficacy and safety data in our last stage of trials, we aim to launch the vaccine in



Q2 of 2021," Bharat Biotech International Executive Director Sai Prasad told.

5) Zydus Cadila files IND application for ZYIL1, NLRP3 inflammasome inhibitor

Zydus announced that it has filed the IND application of ZYIL1, a novel oral small molecule NLRP3 inhibitor candidate. Following up on its initiatives to fight COVID 19 with diagnostics, vaccines and therapeutics, the company is now focussing on targeted therapies that can selectively modulate the inflammatory responses caused by the Cytokine Storm.

6) Pharma products worth Rs 358 cr sold through Jan Aushadhi stores in this fiscal

Likely to surpass sales of Rs 600 crore for the entire fiscal year against Rs 419 crore in 2019-20. DV Sadananda Gowda, Union Minister for Chemicals & Fertilizers, held a comprehensive review meeting of Pradhan Mantri Bhartiya Janaushadhi Pariyojana (PMBJP) in New Delhi. During the meeting, Gowda congratulated BPPI Team for ensuring the supply of medicines and other pharma products like masks to people at affordable rates during difficult times of covid-19.

7) Lincoln Pharma Q2 net profit rises 12% to Rs. 20.20 crore

Lincoln Pharmaceuticals Limited, one of India's leading healthcare companies posted 12% rise in net profit at Rs. 20.20

crore for the second quarter ended 30th September, 2020. The company's net revenue for the quarter was at Rs. 123.51 crore.

The company has reported net profit of Rs. 35.19 crore for the H1 FY21 ended September 2020 as against net profit of Rs. 30.15 crore in the corresponding period of last year, growth of 16.70%. Net revenue for the half year ended September 2020 reported at Rs. 226.52 crore, higher by 8.05% over previous fiscal's same period net revenue of Rs. 209.64 crore.

8) Zydus Cadila Gets USFDA Nod For Diabetes Drug Dapagliflozin

Drugmaker, Zydus Cadila, has recently announced that the company has received tentative approval from the US Food & Drug Administration (USFDA) to market Dapagliflozin Tablets, 5 mg and 10 mg (US RLD: Farxiga Tablets) on 30 October 2020.



9) Inito Gets USFDA Nod to Fertility Monitor

Bengaluru-based medical technology startup Inito on 2nd November, 2020, Monday announced that its Fertility Monitor has cleared the regulatory pathway of the United States Food and Drug Administration (FDA). This paves the way for the product's launch in the US, and also allows access to countries that have signed the Mutual Recognition

Agreement with the FDA, it said in a statement. Initos Fertility Monitor is a small device that enables smartphones to perform lab-grade fertility diagnostic tests at home, it said.

10) FDA Approves Veklury (remdesivir) for the Treatment of COVID-19

In oct-2020, U.S. Food and Drug Administration (FDA) has approved the antiviral drug Veklury (remdesivir) for the treatment of patients with COVID-19 requiring hospitalization. As an antiviral drug, Veklury works to stop replication of SARS-CoV-2, the virus that causes COVID-19. Previously authorized by the FDA for emergency use to treat COVID-19, Veklury is now the first and only approved COVID-19 treatment in the United States. The drug is now widely available in hospitals across the country, following early investments to rapidly expand manufacturing capacity to increase supply.

11) AHA: Amarin's Vascepa cuts cardiovascular events in patients with coronary artery grafts

Amarin's Vascepa cut first and total cardiovascular events over placebo in high-risk patients with a prior coronary artery bypass graft, according to a new subanalysis from the Reduce-It outcomes trial presented Friday at the American Heart Association virtual meeting. Vascepa reduced the number of first CV events by 24% over placebo and



reduced the number of total CV events by 36%, Amarin said. On a secondary

endpoint looking only at heart attacks, strokes and CV death—known as "hard" cardiovascular events—Vascepa cut total events by 31% over placebo, Amarin said. According to the drugmaker, U.S. hospital systems performed 371,000 inpatient bypass graft procedures in 2014, the latest year with available data, with an average inpatient hospital charge \$168,541.

12) Genetic scissors: a tool for rewriting the code of life



Emmanuelle Charpentier and Jennifer A. Doudna have discovered one of gene technology's sharpest tools: the CRISPR/Cas9 genetic scissors. Using these, researchers can change the DNA of animals, plants and microorganisms with extremely high precision. This technology has had a revolutionary impact on the life sciences, is contributing to new cancer therapies and may make the dream of curing inherited diseases come true.

13) FDA approves new treatment for patients with migraine

The U.S. Food and Drug Administration approved Reyvow (lasmiditan) tablets for the acute (active but short-term) treatment of migraine with or without aura (a sensory phenomenon or visual disturbance) in adults. Reyvow is not indicated for the preventive treatment of migraine.

14) UConn startup DIANT bags license for continuous nanoparticle manufacturing tech

The University of Connecticut recently licensed its continuous nanoparticle manufacturing technology to DIANT Pharma, a startup co-founded by the platform's developers Antonio Costa, Ph.D., and Diane Burgess, Ph.D. The high-throughput system has the potential to save clean room space, lower the number of processing steps and reduce the number of batches produced per year. Because the platform is continuous, it should enable manufacturers to jump in if anything goes wrong, diverting or removing only a small portion of the product rather than scrapping an entire batch, Costa, CEO at DIANT and assistant research professor at UConn, said in an interview.

15) Suspected carcinogen drives yet another metformin recall, this time by Missouri-based Nostrum Labs

Since the FDA noticed a possible

carcinogen in popular diabetes med metformin earlier this year, the list of companies recalling their versions has just kept growing. Nostrum Laboratories said it's voluntarily recalling two lots of its 750-mg extended-release metformin tablets because samples found higher-than-allowed levels of N-nitrosodimethylamine (NDMA). The FDA first noticed abnormally high levels of NDMA in samples of extended-release metformin in May. Recalls immediately ensued. The first round came from generics players Apotex, Amneal, Lupin, Marksans and Teva.

16) Baxter's CDMO arm will add 100 new positions in \$50M fill-finish expansion of Indiana plant

In recent months, Baxter's CDMO arm is stepping up to the plate with a finishing technology expansion at its Indiana site. Baxter Biopharma Solutions, the CDMO arm of healthcare giant Baxter, will shell out \$50 million in an expansion to its fill-finish manufacturing plant in Bloomington, Indiana, that will eventually bring 100 new positions on board, the company said Tuesday. The expansion will add a 25,000-square-foot warehouse; a new filling line for flexible plastic containers; a high-speed automated syringe fill line capable of filling up to 600 units per minute; and a new high-speed, automated visual inspection line, Baxter said.



CO-CURRICULAR ACTIVITIES

1. “Challenges and Opportunities in Pharma and Biotech Industries: Post Covid Era”

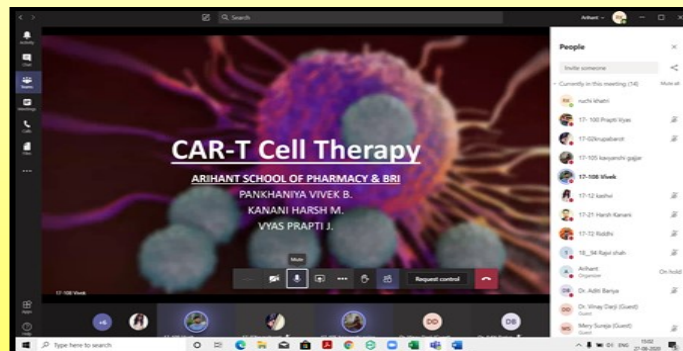
One day national level e-seminar was organized by the institute sponsored by GUJCOST & DST on **27th August 2020** on **“Challenges and Opportunities in Pharma and Biotech Industries: Post Covid Era”** where total 400 participants various institute participated in the event. Seminar was graced by distinguished personalities from academics and industry like as **Chief Guest Dr. Narottam Sahoo**, Advisor, Gujarat Council on Science & Technology (GUJCOST), **Mr. M. Srinivas Sankara Prasad**, CEO, EMPOWER MSME. It was followed by plenary session of eminent speakers/ Experts from academia and industry.

The first expert was **Mr. M. Srinivas Sankara Prasad**, CEO, EMPOWER MSME, and delivered a talk on **“Uncertainties and Opportunities- Biopharmaceuticals- post COVID Era”**



The second expert was **Dr. Vimal Kumar**, Dean - School of Pharmacy and Science, ITM (SLS) Baroda University, Vadodara on **“POST COVID-19: Emerging Challenges and Opportunities for the Indian Pharma Industry”**

E-Oral presentation competition was organized on the same day where total **29 oral presentations** were registered in different department were evaluated by judges. In all 3 categories, total 6 winners were declared. The winners were appreciated by announcing cash prize.



2. “Learning From Legends”-An Event on Integrated Personality Development

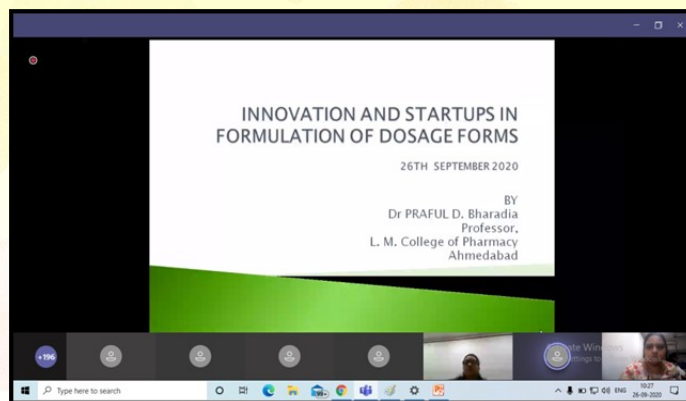
An event was organized by institute on state level platform for integrated personality development of the student during increasing stress level while COVID 19 pandemic. This innovative event held on YouTube platform and was co-ordinated by **Dr. Nishith Patel & Mr Bhavin Bhimani**. The competition was about to prepared and upload videos on any one of different legends that has inspired to the student. The students were given choice to chose any legends

like Shri Ratan Naval Tata, Shri Pramukh Swami Maharaj and Sachin Ramesh Tendulkar. **Total 83 students** had participated in the event from various pharmacy institutions. The students were evaluated based on their contents and likes achieved on the video. **The result was declared on 15th August 2020**. All the winners as well as participants were distributed certificate for the appreciation.



3. “PITCH 2020” [Pharmaceutical Innovation and Technical Competition for Health]

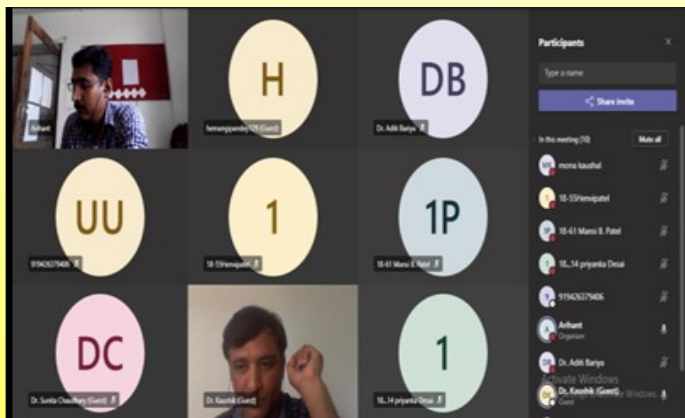
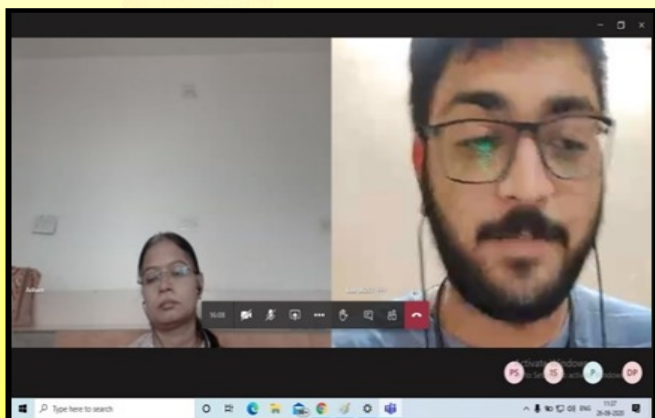
A two-day national level e-seminar from academia and industry. organized by the institute was sponsored The first expert was **Dr. Kruti Patel**, by GUJCOST & DST, GSPC, APTI on **25th** founder and director of She & We **& 26th September 2020** on the occasion Women Entrepreneurship Foundation of world pharmacist day. Total 300 and delivered a talk on “**Women participants from different institute of Entrepreneurship & Start-ups**” and



Gujarat participated in the event. Seminar was graced by distinguished personalities from academics and industry like as **Patron, Dr. Narottam Sahoo**, Advisor, Gujarat Council on Science & Technology (GUJCOST), **chief guest, Mr. Montukumar Patel**, President- Gujarat State Pharmacy Council and **Guest of Honour, Dr. C. N. Patel**, Principal, Sarvajanic Pharmacy College. It was followed by plenary session of Eminent speakers/ Experts

highlighted on women start-ups and entrepreneurship with some examples of farm mojo, eco-zen and many more to explain her topic. She had explained nicely a method of idea generation for start-ups.

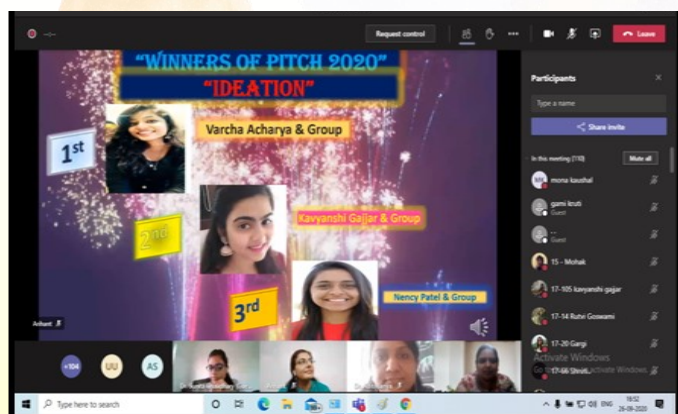
The second expert was **Dr. P. D. Bharadia**, Professor, L. M. college of pharmacy and delivered a talk on “**Innovations & Start-ups in Formulation of Dosage forms**” and highlighted very effectively difference



between invention and innovation, and given the live examples of start-ups. He had also taught skills to initiate successful start-ups.

e-oral presentation competition was organized on both day where total **56 authors** presented their ideas/research/review in different fields. This 56 oral presentation were categorised into 3 i.e **ideation (38), proof of concept (5) and review (24)** which were evaluated by judges. In total 6 winners were declared, 3 in each category i.e ideation/proof of concept and review as 1st rank, 2nd rank and 3rd rank. The winners were appreciated by announcing cash prize in closing ceremony.

In closing ceremony, Dr. Divyakant Patel,

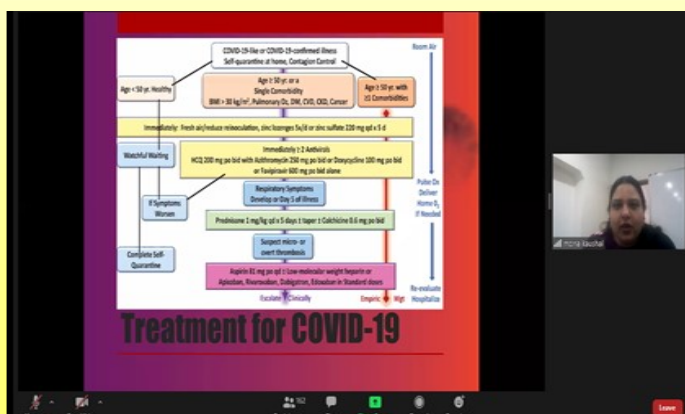


Vice Principal, Arihant School of Pharmacy and BRI address the student with motivational talk and Dr. Sunita Chaudhary, Professor, Arihant school of Pharmacy and BRI announce the result of idea and review presentation.

4. A Webinar on Covid-19 Awareness



A webinar was organized jointly by Swarnnim science college & Arihant School of Pharmacy & BRI on **9th November 2020** on **“COVID-19 Awareness: Health & Safety prospect”** with more than 150 participants. Dr. Mona Kaushal, Associate Professor, Department of Quality Assurance, Arihant School of Pharmacy & BRI and Dr. Archana Amit Pandey, Head and Assistant Professor, Swarnnim Science College addressed the gathering. **Dr. Pandey** discussed various awareness guidelines to stop spreading the corona virus. **Dr. Mona Kaushal** elaborated the various natural remedies and COVID-19 treatments to sustain the healthy life and boost our immunity to fight against corona virus.



5. Refresher Course at Institute

Arihant School of Pharmacy and Bio research Institute organised two days Online Refresher Course for Registered Pharmacists sponsored by Gujarat State Pharmacy Council (GSPC) on 26th and 27th December, 2020.



Inaugural function: Inauguration function was graced by **Mr. Montukumar Patel President**, Gujarat State Pharmacy Council as chief guest & **Dr. Nehal Shah Principal**, Indubhai Patel College of Pharmacy, Dharmaj. Dr. Ragin Shah, Principal, Arihant School of Pharmacy and BRI addressed the gathering and welcome the guests and participants.

Experts Talks: A series of lectures were scheduled with eminent speaker in various field. Many important aspects were discussed like Pharmacy Practice



lectures were followed by online exam and submission of feedback form.

Valedictory function: **Mr. Jasubhai Chaudhary (Registrar, Gujarat State Pharmacy Council) & Dr. Shreeraj Shah**



(Principal, L.J. Institute of Pharmacy, Ahmedabad) were present to grace the Valedictory function as Chief Guest & Guest of Honor respectively.

Prize distribution: Three candidates with highest marks in objective exam were appreciated by attractive prizes in valedictory function. The event was ended with vote of thanks and then National Anthem.



EXTRACURRICULAR ACTIVITIES

Poster Drawing Competition

Poster drawing competition was organised B.Pharm, and M.Pharm courses on the theme of Drug Abuse and Trafficking” on 12th December, 2020.

The event was organized to explore and conducted on Microsoft Teams whereas the registration and poster submission was done through Google Forms. The posters were assessed on the basis of theme,

Arihant School of Pharmacy & Bio-Research Institute
Organizing
e-Poster Competition for budding Pharmacists

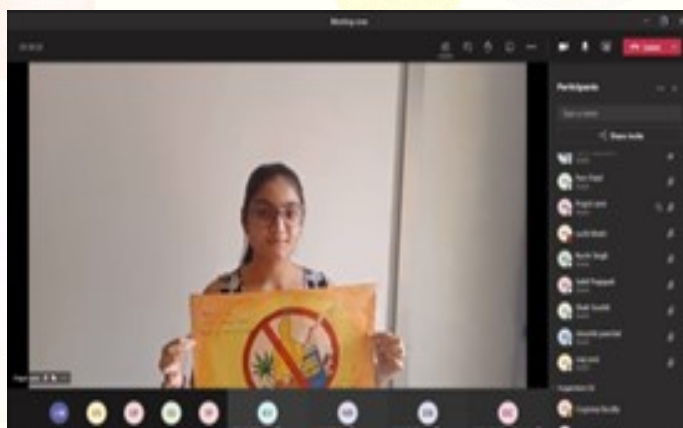
Theme: Drug Abuse and Trafficking

12 December 2020
10:30 AM Onwards

NO REGISTRATION FEE

Registration link
<https://rb.gy/guvaop>

Last Date for Registration
10th December, 2020
till 3:00 pm



encourage creativity in students and offer them a platform to showcase their skills. It inspired them to think and work creatively to promote awareness against drug abuse using their artistic excellence.

Total 78 students from D. Pharm, design, creativity and oral presentation of participants. In the end, Ms. Neha Rathore (M.Pharm. Sem I), Ms. Ruchi Singh (B.Pharm. Sem I) and Ms. Krupa Pendharkar (B.Pharm. Sem I) were adjudged as the top three winners. The

endeavour of the students was highly praised and encouraged by the faculty members.



Essay Writing Competition

Arihant School of Pharmacy & BRI has and BRI) and Ms. Mansi Doshi (Assistant organized Online Essay competition for Professor, ASP and BRI) judged the first young pharmacist on the theme of **“Global impact due to COVID-19”** on **19th** theme, Word limit (1500-2000), Originality, **December, 2020** for D.Pharm and Ideas and Concepts, Grammar, Unique B.Pharm and students.



The poster for the Arihant School of Pharmacy & Bio-Research Institute Online Essay Competition features a hand holding a pencil on the left. The text reads: 'Arihant School of Pharmacy & Bio-Research Institute Organizing ONLINE ESSAY COMPETITION FOR YOUNG PHARMACISTS'. The topic is 'Global Impact due to COVID-19'. The date is '19 December 2020' with 'NO REGISTRATION FEE'. The submission link is 'https://bit.ly/3miXaV6' and the last date for submission is '19th December, 2020'. The background includes a bar chart and a line graph.

writing style, Creativity, Descriptive language in English. The selected best 15 essays were processed for second round for further evaluation. Out of 15 essays, best 3 essays were selected as winners.

The event was organized to explore and encourage creativity in students and offered them a platform to showcase their skills. It inspired them to think and work creatively in order to promote awareness against impact on COVID-19 specially in Pharma sectors, their merit and demerits. So, it will be helpful for students to aware

Owing to ongoing pandemic situation, Essay submission was done through situation.

Google Forms. Total 116 students from different colleges has participated in online essay competition. The event co-ordinator, Ms. Ruchi Khatri (Assistant Professor, ASP



INSTITUTE ACHEIVEMENTS

Patents Filed by Institute

Patent No	Title of patent filed	Name of patentee
202021006224	Tablet formulation of silendafil citrate and fluoxetine hydrochloride	Upendra Patel Bhavin Bhimani Akash Patel Drashti Patel Shivani Pandya
202021006223	Controlled release intramuscular depot suspension of dexibuprofen	Upendra Patel Bhavin Bhimani Akash Patel Drashti Patel Shivani Pandya
202021040629	Herbal tea bag for kidney stone	Bariya Zankhana Divyakant Patel Upendra Patel Bhavin Bhimani

Dr. Ragin Shah is honoured & received **“APP Outstanding Achievement Award”** by Association of Pharmacy Profession in 9th Annual International convention on 21st December 2020.



FACULTY ACHEIVEMENTS

Faculty Achievement

Name	Type of talk	Topic	Event	Date
Dr. Ragin Shah	E-talk on DD Grinar	Aodhyogik Niti 2020"	Discussion in "અપના મુદા અપની બાત"	8 th August 2020
Dr. Ragin Shah	E-talk	"Innovation & Entrepreneurship" in virtual summit on Innovation and Entrepreneurship: Its Problems and Prospect,	as a member of Global Forum of Sustainable Transformation (GFST)	15 th August 2020
Dr. Ragin Shah	As expert e-talk	3D Printing Technology in Pharma & Health Care	National webinar on "3D Printing Technology in Pharma & Health Care" organized by Shree Naranjibhai Lalbhai College of Pharmacy	29 th August 2020
Dr. Ragin Shah	Live virtual talk on facebook	"કોરોના ની વેકસિન ક્યારે આવશે ?",	Insight about Pharmacy Education & Vaccination	9 th September at 9:00 pm
Dr. Ragin Shah	Talk on DD Girnar	"સ્ટાર્ટ અપ ઇન્ડિયા-આત્મનિર્ભરતા તરફ એક કદમ",	Discussion in "અપના મુદા અપની બાત"	16 th September , 2020 at 8:00 pm
Dr. Ragin Shah	E-talk	"Incentives for startups in Gujarat"	National webinar organized by The Refrigeration and Air conditioning trades association,	20 th September 2020
Dr. Ragin Shah	A talk on DD Grinar	"વિશ્વ ફાર્માસીસ્ટ દિવસ	Discussion in "અપના મુદા અપની બાત"	25 th September, 2020 at 8:00 pm



Name	Type of talk	Topic	Event	Date
Dr. Sunita Chaudhary	As a speaker in refresher course	Saraswati institute of Pharmaceutical Sciences, Dhanap	Storage of drugs	20 th September 2020
Dr. Divyakant Patel	Panel discussion	Scope of startups in pharmacy, health science and technology and science field	----	12 th December 2020
Dr. Sunita Chaudhary	As a speaker in refresher course	Arihant School of Pharmacy and BRI	Pharmacy practice regulation 2015	26 th December 2020
Dr. Jignasa Derasari	As a speaker in refresher course	Arihant School of Pharmacy and BRI	Drug Interaction	26 th December 2020
Dr. Hiral Shah	As a speaker in refresher course	Arihant School of Pharmacy and BRI	Medication errors	26 th December 2020
Dr. Nisha Parikh	As a speaker in refresher course	Arihant School of Pharmacy and BRI	Intellectual property rights	27 th December 2020
Dr. Aditi Baria	As a speaker in refresher course	Arihant School of Pharmacy and BRI	Storage of drugs	27 th December 2020

Online Course Completed

Name of faculty	Name of course	Authorised bodies	Date of completion
Dr. Sunita Chaudhary	Covid 19 Tracing	Coursera	July 2020
Ms. Mona Kaushal	Covid 19 Tracing	Coursera	July 2020
Dr. Sunita Chaudhary	Herbal Medicine	Coursera	October 2020
Ms. Mona Kaushal	Herbal Medicine	Coursera	October 2020
Dr. Sunita Chaudhary	“Mind Control: Managing your mental health during COVID-19”.	Coursera	October 2020
Dr. Divyakant Patel	Nurturing innovation and startup Ecosystem(NISE)	iHub	8 th September to 24 th October 2020.
Dr. Nisha Parikh	Nurturing innovation and startup Ecosystem(NISE)	iHub	8 th September to 24 th October 2020.
Dr. Vrunda Shah	Nurturing innovation and startup Ecosystem(NISE)	iHub	8 th September to 24 th October 2020.
Dr Nishith Patel	Entrepreneurship Development Program II	CIMSMES	26 th October to 6 th November 2020

Paper Published by Faculties

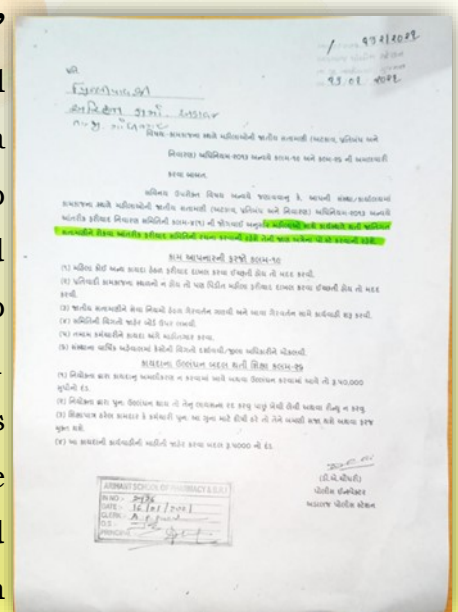
Name of faculty	Title	Name of journal	Volume, Issue, Year	Page
Dr. Sunita Chaudhary	COVID 19: introduction to prevention and potential cures	Aegaeum,	Volume 8, Issue 8, 2020,	1003-1014
Dr. Sunita Chaudhary	“Bioelectronic medicine: innovations in disease treatment	Int. journal of pharmaceutical Sciences and research	Volume 11, Issue 9, (2020),	4229-4237.
Dr. Mona Kaushal	“Analytical method development and validation of Apremilast and its related substances in tablet dosage form by RP-HPLC	Aegaeum journal,	Volume 8, Issue 10,	1246-1263
Dr. Hiral Shah	Enhancement in antinociceptive and anti-inflammatory effects of tramadol by transdermal proniosome gel	Asian journal of pharmaceutical sciences	Volume 15	786-796

Glimpse of Faculty Achievement



Woman Empowerment & Awareness at Workplace

As per **“Prevention, Prohibition and Redressal Act” 2013**, a woman should not be subjected to sexual harassment at any workplace. The Act has provided a wide inference to the term ‘workplace’, which takes into account the actual place of work and the areas connected to it. Transport facilities that the employee uses to commute to her workplace. As per the letter no. 142/2021 on 13/01/21 from **Adalaj Police Station** regarding this act and also creation of awareness about same, College has appointed committee to help the women and squad committee to evaluate work profile of committee in betterment of women at their work place. And also address the girls and women at institute about the rules for safety.



FDP/STTP attended by Faculties

Name of Faculty	Title of FDP	Date	Organised by
Ms. Mona Kaushal	Drug Research Evolution And Practice	01 st to 06 th July 2020	University college of Pharmaceutical sciences, ANU
Dr. Aditi Bariya, Dr. Vrunda Shah, Ms. Mona Kaushal Ms. Ruchi Khatri	“Advances in pharmaceutical education”	06 th to 11 th July 2020	Oriental College of Pharmacy
Dr. Mona Kaushal	Outcome based Education”	10 th to 16 th September 2020.	Dr. D.Y.Patil Institute of Technology, Pimpri, Pune
Dr.Jignasha Pandya, Ms. Mona Kaushal Ms. Ruchi Khatri	Computer Applications in Drug Discovery	7 th to 12 th September 2020	Satkaival College of Pharmacy, Sarsa
Dr. Nishith Patel	EoDB by integrating trade and IP to achieve self-reliance	15 th to 16 th September 2020	Intellectual’s Society of Entrepreneurship and Research Development (ISERD, India),
Dr. Sunita Chaudhary, Dr. Mona Kaushal, Dr. Aditi Bariya, Dr. Hiral Shah Dr. Nisha Parikh	Application of outcome based learning in pharmacy & process of NBA	7 th to 9 th October 2020	Saraswati institute of pharmaceutical sciences, Gandhinagar
Dr. Sunita Chaudhary, Dr. Mona Kaushal Dr. Nisha Parikh Dr Nishith Patel	Learning the process of precise and explicit research paper writing	14 th to 16 th October 2020.	Faculty of Pharmacy, Nooton Pharmacy college, Sankalchand Patel University, Visnagar
Dr. Mona Kaushal, Dr. Jignasha Derasari, Dr. Vrunda Shah Ms. Ruchi Khatri	PHARMTECH 2020- Exploring myraids of pharma in Pharmaceutics and pharmaceutical technology	28 th to 30 th October 2020.	L. M. College of Pharmacy, Ahmedabad
Dr. Divyakant Patel, Dr. Vinay Darji, Dr, Mona Kaushal Mr Ghanshyam Patel Mr. Bhavin Bhimani Mr. Jaimin Patel	Rethinking and reconstructing an examination system by effective technology	14 th to 19 th December 2020	Graduate school of pharmacy, GTU
Dr. Divyakant Patel	Advance Technology in 3D printing	21 st to 25 th December 2020	Mechanical engineering department, Shree swami Atmanand Saraswati Institute of Technology, Surat.

STUDENTS ACTIVITY AND ACHIEVEMENTS

CHALLENGES AND OPPORTUNITIES IN PHARMA AND BIOTECH INDUSTRIES: POST COVID ERA

299 Students of B. Pharm and M. Pharm participated in this national e-oral competition held virtually at the institute on 27th August 2020.

The winner in Pharmacognosy & Pharmaceutical Chemistry are Mr. Dhrumil Patel, Mr. Virang & Ms. Helly Kuveria of semester 5 B. Pharm stood 1st in e-oral competition.

In Pharmacology, Ms. Kavyanshi Gajjar of semester 7 B. Pharm stood 1st in e-oral competition.

In Pharmacology, Mr. Vivek Pankhaniya, Ms. Prapti Vyas & Harsh Kanani of semester 7 B. Pharm stood 2nd in e-oral competition.

TRAINING @ EMCURE PHARM. LTD

6 Students (Quality Assurance), 2 students (Pharmaceutics) have started their training from 10th August in Emcure Pharmaceuticals and 2 students (Pharmacology) of M.Pharm sem 3 have started training at CIMS hospital.



Kashvi Desai of sem VII had completed courser course as a part of self-learning approach in topic “Introduction to Biology of Cancer”

Ms. Kashvi Desai of semester 7th B. Pharm completed course on “Understanding cancer metastasis” from courser on 9th September 2020.



Ms. Prapti Vyas of semester 7th B. Pharm have wrote a story “Metanoia” for a book “ Walking towards home” which was published in September 2020



Ms. Rutva Gajjar & Ms. Falguni Prajapati secured third position and Mr. Nisarg Patel & Ms. Sneha Naryana secured second position of semester 3rd B. Pharm in oral presentation an event organized “Post COVID: Entrepreneurship- Challenges & Opportunities” by Swarnim Science College, Adalaj, Gandhinagar, date 12th October 2020.

NATIONAL EVENT-PITCH 2020 25TH – 26TH SEPTEMBER 2020.

In ideation, **Ms. Kavyanshi Gajjar & team** of semester 7 B. Pharm stood 2nd and **Ms. Nancy Patel & team** of semester 3 B. Pharm stood 3rd in e-oral competition.

In review, **Ms. Dhrumil Patel** of semester 5 B. Pharm stood 2nd in e-oral competition



Ms. Rajvi Shah of semester 5th B. Pharm was winner in Pharma Poster an event organized “PharmaFest 2020” by L. M. College of Pharmacy date 21st – 25th September 2020 on the occasion of World pharmacist day.

GRANTS RECEIVED BY STUDENTS

Students received total **Rs. 2,97,171/-** grant **under SSIP scheme in Swarnim Start-up & Innovation University** under the guidance of different faculties.

Project Name	Student Name	Guide name	Semester/Year	Grant Received
Antiviral lopinavir nebulizer for targeted to lungs.	Hingol Mansi S. Dave Drashti J. Patwa Riya B.	Mr. Bhavin Bhimani	B. Pharm 7th	46750 (Phase-I)
Fat Burner	Neel Vataliya Abhi Vavliya Kush Thakkar Ashish Rajput Meet Shah	Dr.Vrunda Shah	B. Pharm 5th	42411 (Phase-I)
ESOP Mask	Masum J. Mistry	Dr. Ragin Shah	Pass out	31690 (Phase-I)
Synthesis Characterization and Screening of Novel Antibiotic Bio conjugates	Aanchal Jain	Dr. Nisha Parikh, Dr. Ragin Shah	M. Pharm 4th	40000 (Phase -II)
Synthesis Characterization and determination of physiocochemical properties of novel statin conjugates	Aayesha Shah	Dr. Nisha Parikh, Dr. Ragin Shah	M. Pharm 4th	40000 (Phase -II)
Preventive and Curative Regimen for COVID-19	Fatimah Narmawala Srusti Dave Gargi Jogi	Dr. Nisha Parikh	B. Pharm 7th	58200 (Phase-I)
Polyherbal spray for menstrual cramp	Anjali Patel Saloni Rana	Dr. Sunita Chaudhary	B. Pharm 7th	55684 (Phase-I)
Antifungal ayurvedic spray	Vatsal Patel Payal Parmar	Dr.Vrunda Shah	B. Pharm 7th	62436 (Phase-I)
Gloves Having In-built Sanitizer	Harsh. M. Kanani	Mr. Bhavin. V. Bhimani Dr. D. K. Patel	B. Pharm 7th	24000 (Phase-I)



ACADEMIC EXCELLENCE

Bachelor of Pharmacy

Sem 2



Patel Mansi M.
SPI 9.28



Purasnani Urmi M
SPI: 9.16



Anumitra D.
SPI 8.88

Sem 4



Desai Priyanka K
SPI: 9.31



Patel Virang K
SPI: 8.92



Patel Mansi B
SPI: 8.92

Sem 6



Pankhaniya Vivek B
SPI 9.5



Sureja Merry P
SPI 9.43



Prajapati Riddhi
SPI: 9.43

Sem 8



Soni Pooja R
SPI 9.9



Anuj Maradiya
SPI 9.7



Pandya Prakruti
SPI 9.6

ACADEMIC EXCELLENCE

Master of Pharmacy

Sem 2



Patel Vaidehi J.

SPI : 9.23



Mehta Rachna R.

SPI : 9.00



Kikani Hiral A.

SPI: 8.92

Sem 4



Shah Aayesha A.

SPI: 9.20



Bhatt

Kaushikkumar J.

SPI: 9.15



Aanchal Jain

SPI: 8.84

GUEST LECTURE

Mr. Bhupendra Kaushik, Product Development Manager, Martindale Pharma, London, UK., was invited for an e-expert talk on **“Basics of Pharmaceutical Drug Development”** for B.Pharm and M.Pharm students on **10th August 2020**.

During the scientific session, he has explained new product development process, key challenges involve in it, process validation, 5 modules of NDA and its documentation, Manufacturing assessment, pre-formulation concept, importance and relevance of BCS classification for new drug development, QbD and its significance for it.



Dr. Ankit Chaudhary, Principal, Saraswati Institute of Pharmaceutical Sciences, Dhanap was invited for an expert talk on **28th October 2020** on **“NBA Process & Its Evaluation”** for faculties. Mr. Chaudhary had given presentation on each criteria and clear doubts about filing preparation of each criteria and how to document specific work done in institute officially. He also given practical training upon the calculation of CO-PO matrix with its CO

attainment and PO attainment. Seminar is very fruitful for faculties to solve their doubts regarding NBA work. .

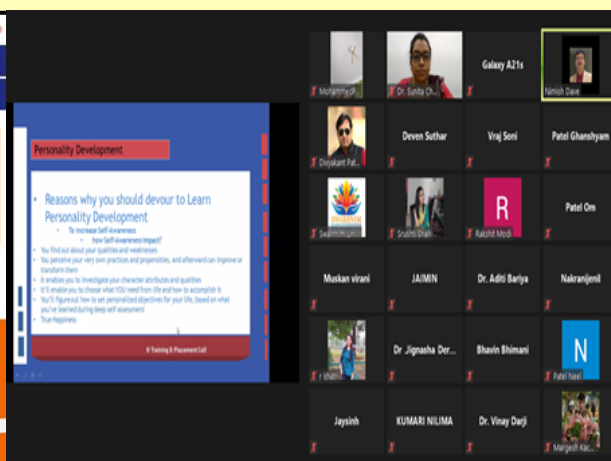


GUEST LECTURE

Dr. Archana Pandey Assistant Professor, Head of the Department, SSIU delivered e-expert talk on **9th November 2020** on **“Treatment of COVID- 19”** in webinar on **“COVID-19 Awareness: Health & Safety prospect”** organized jointly by Swarnnim science college & Arihant School of Pharmacy & BRI for B.Pharm, BSc., MSc. and M.Pharm students.



Mr Nimish Dave, Head, Training & Placement Cell, Swarnnim Startup & Innovation University, delivered expert talk on personality development and resume writing on 7/12/20. Maximum 140 students have participated in session. He mainly focused on how to build your personality and confidence in front of any one. He also explain the content of resume and how to build good resumes throughout four years of graduation and what activities we have to carried out for good resume.



MEDIA COVERAGE

કોરોના બાદ ફાર્મા ક્ષેત્રે તક-પડકારો અંગે સેમિનાર

અરિહંત સ્કૂલ ઓફ ફાર્મસી આયોજિત કાર્યક્રમમાં 350 વિદ્યાર્થીને ભાગ લીધો

સુરત, ૧૦ ડિસેમ્બર - કોરોના વાયરસના કારણે ફાર્મા ક્ષેત્રે તક-પડકારો અંગે સેમિનાર યોજાયું હતું. આ સંજોગોમાં અરિહંત સ્કૂલ ઓફ ફાર્મસી દ્વારા આયોજિત કાર્યક્રમમાં ૩૫૦ વિદ્યાર્થીઓએ ભાગ લીધો હતો. સેમિનારમાં ફાર્મા ક્ષેત્રના અગ્રણી અધિકારીઓએ વિદ્યાર્થીઓને જોડવામાં આવેલા તક-પડકારો અંગે સંબોધન કર્યું હતું. સેમિનારમાં ફાર્મા ક્ષેત્રના અગ્રણી અધિકારીઓએ વિદ્યાર્થીઓને જોડવામાં આવેલા તક-પડકારો અંગે સંબોધન કર્યું હતું.

ટેકનોલોજી ભવિષ્ય છે, વર્તમાનમાં તેનો ઉપયોગ જરૂરી છે

અરિહંત સ્કૂલ ઓફ ફાર્મસી અને ગુજરાત સ્ટેટ ફાર્માસીસ્ટ ઓફિસના આયોજિત કાર્યક્રમમાં ૩૫૦ વિદ્યાર્થીઓએ ભાગ લીધો હતો. સેમિનારમાં ફાર્મા ક્ષેત્રના અગ્રણી અધિકારીઓએ વિદ્યાર્થીઓને જોડવામાં આવેલા તક-પડકારો અંગે સંબોધન કર્યું હતું.

અરિહંત ફાર્મસી કોલેજમાં 'PITCH 2020'ના બે દિવસીય રાષ્ટ્રીય ઇવેન્ટનું આયોજન

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અરિહંત ફાર્મસી કોલેજમાં e-Expert Talk (પર્સનાલિટી ડેવલપમેન્ટ અને રેઝ્યુમે રાઈટિંગ)નું આયોજન

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ઈન્ટરવ્યુ આપતા પહેલાં રિઝ્યુમે અને CVનાં અંતરને સમજવું જરૂરી

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અરિહંત ફાર્મસી સ્કૂલ દ્વારા રિફ્રેશર્સ કોર્સ અરિહંત સ્કૂલ ફાર્મસી અને બાયો રિસર્ચ ઇન્સ્ટિટ્યુટ દ્વારા ગુજરાત સ્ટેટ ફાર્માસી કાઉન્સિલ સાથે સંલગ્ન રીતે ઓનલાઈન રિફ્રેશર્સ કોર્સ ફોર રજીસ્ટર્ડ ફાર્માસીસ્ટનું આયોજન કરવામાં આવ્યું હતું. જેમાં મહાનુભાવોએ પ્રસંગ અનુરૂપે વક્તવ્યો આપ્યા વિષયો ઉપરની તથા સંશોધનોની બારીક જાણકારી ફાર્માસીસ્ટ સુધી પહોંચાડવાનો હોય છે. જેથી સમયાંતરે વિષય અનુરૂપ ફાર્માસીસ્ટ ભાગ લીધો હતો. ઓનલાઈન એમસીક્યુ ટેસ્ટનું પણ આયોજન થયું હતું. જેમાં પ્રથમ ત્રણ ઉત્તીર્ણ થયેલા ઉમેદવારનું બહુમાન કરવામાં આવ્યું હતું.

અરિહંત સ્કૂલ ઓફ ફાર્મસી અને બાયો રિસર્ચ ઇન્સ્ટિટ્યુટ દ્વારા 'Drug Abuse & Trafficking'ના વિષય પર e-Poster પ્રતિયોગિતાનું આયોજન

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ડ્રગ અબ્યુઝ અને ટ્રાફિકિંગ વિષય પર ઇ-પોસ્ટર કોમ્પિટિશન યોજાઈ

અરિહંત સ્કૂલ ઓફ ફાર્મસી અને બી.આર.આર. સ્કૂલ ઓફ ફાર્મસી દ્વારા આયોજિત કાર્યક્રમમાં ૩૫૦ વિદ્યાર્થીઓએ ભાગ લીધો હતો. સેમિનારમાં ફાર્મા ક્ષેત્રના અગ્રણી અધિકારીઓએ વિદ્યાર્થીઓને જોડવામાં આવેલા તક-પડકારો અંગે સંબોધન કર્યું હતું.

અરિહંત સ્કૂલ ઓફ ફાર્મસી અને બાયો - રિસર્ચ ઇન્સ્ટિટ્યુટ (ASP & BRI) દ્વારા બે દિવસના ઓનલાઈન રિફ્રેશર્સ કોર્સ(રજિસ્ટર્ડ ફાર્માસીસ્ટ માટે)નું આયોજન

અરિહંત સ્કૂલ ઓફ ફાર્મસી અને બી.આર.આર. સ્કૂલ ઓફ ફાર્મસી દ્વારા આયોજિત કાર્યક્રમમાં ૩૫૦ વિદ્યાર્થીઓએ ભાગ લીધો હતો. સેમિનારમાં ફાર્મા ક્ષેત્રના અગ્રણી અધિકારીઓએ વિદ્યાર્થીઓને જોડવામાં આવેલા તક-પડકારો અંગે સંબોધન કર્યું હતું.

અરિહંત સ્કૂલ ઓફ ફાર્મસી અને બાયો - રિસર્ચ ઇન્સ્ટિટ્યુટ દ્વારા ઓનલાઈન રિફ્રેશર્સ કોર્સનું આયોજન

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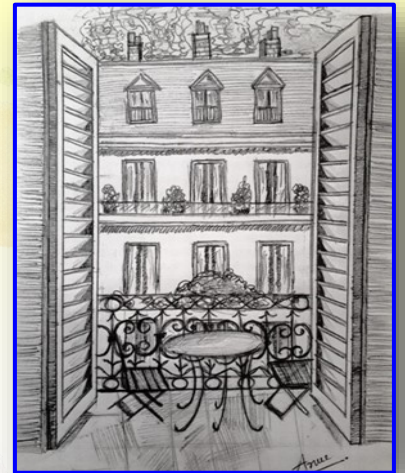
CREATIVITY CORNERS



Anumitra D. | Sem-4 | B.Pharm



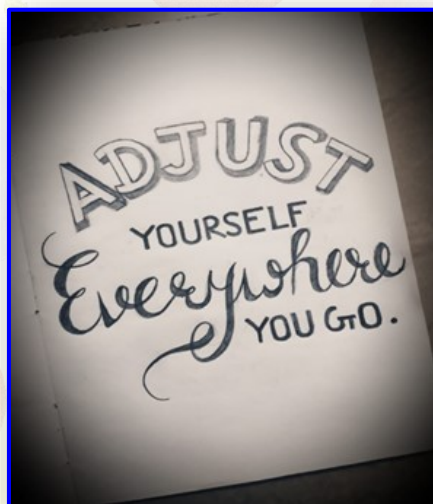
Anumitra D. | Sem-4 | B.Pharm



Arvee | Sem-6 | B.Pharm



Nancy. | Sem-4 | B.Pharm



Arvee | Sem-6 | B.Pharm



Ms. Mansi Doshi | Faculty



Krupa | Sem-8 | B.Pharm



Prakruti | Sem-8 | B.Pharm



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