



एक कदम स्वच्छता की ओर



सत्यमेव जयते

Department of Pharmaceuticals
Ministry of Chemicals & Fertilizers, Government of India



HYDERABAD

तारुण्य

Volume I, Issue I, 2020

NIPER-HYDERABAD NEWSLETTER



NATIONAL
INSTITUTIONAL
RANKING
FRAMEWORK
2020



सत्यमेव जयते

Ministry of Education, Government of India



Director's Message



I am delighted to release the first issue of NIPER Hyderabad Newsletter "Tarang". NIPER Hyderabad is an institute of national importance functioning under the Department of Pharmaceuticals, Ministry of Chemicals & Fertilizers, Govt. of India. Within a short span of 13 years, the institute has established itself as a centre of excellence in Pharmaceutical Education and Research. Owing to the consistent efforts of the faculty, students and staff, NIPER Hyderabad has secured 5th position in 'Pharmacy' category under National Institutional Ranking Framework (NIRF) 2020 announced by Ministry of Education, Govt. of India. The institute is constantly striving to raise the standards in all the fronts such as Teaching, Learning and Research. The students & faculty of NIPER-Hyderabad are pursuing their research in the areas of new Drug Discovery & Product Development in cancer, inflammation, diabetes, neurodegenerative and infectious diseases. Even during the challenging COVID-19 pandemic, the Institute is able to complete all

the academic activities using IT and IoT tools and also successfully conducted the e-Convocation on 24th July, 2020. In addition, the Institute has organized several seminars, workshops, webinars, invited talks and training programs using online platforms. Our faculty, students and staff have also participated in various social activities for mitigating the effects of COVID-19 pandemic. I wish to thank each and every one of our students, faculty, staff and for the generous support extended by Department of Pharmaceuticals, Ministry of Chemical & Fertilizers, Govt. of India for contributing to the growth of NIPER Hyderabad.

- Dr. Shashi Bala Singh FNASc, FIAN, FAMS
Director, NIPER-Hyderabad

Glimpses of e-Convocation



NIPER Hyderabad conducted its 8th Convocation virtually on July 24th, 2020. It was a time of celebration and achievement for the graduating students and NIPER-Hyderabad fraternity. The chief-guest, **Shri. K. T. Rama Rao**, Hon'ble Minister for IT E&C, Municipal Administration & Urban Development, Industries & Commerce, Telangana along with **Shri. K. Satish Reddy**, Chairman, Dr. Reddy's Laboratories, Chairman, Board of Governors, NIPER-Hyd graced the occasion. **Dr. P. D. Vaghela**, Chairman Apex Council, NIPERs, Secretary, Department of Pharmaceuticals (DoP), Ministry of Chemicals & Fertilizers, Govt. of India and **Shri Rajneesh Tingal**, Joint Secretary, Department of Pharmaceuticals (DoP), Ministry of Chemicals & Fertilizers, Govt. of India attended the convocation online. **Shri. Jayesh Ranjan**, Principal Secretary, Industries & Commerce (I&C) and Information Technology (IT), Govt. of Telangana also graced the occasion. Several industry representatives, **Directors of all NIPERs**, the students of NIPER-Hyd, family members of graduating student, and alumni have witnessed this event online.

Dr. Shashi Bala Singh, Director, NIPER-Hyderabad welcomed the august gathering to the e-convocation. In her report, Dr. Singh walked through the



journey of the institute over the last 13 years of its existence. She further mentioned that within short span of time, the institute has established itself as the centre of excellence for advanced studies and learning in Pharmaceutical Sciences. As is the custom, the Director administered the oath to the graduating students.

Shri. K. T. Rama Rao, Hon'ble Minister and Chief Guest for the occasion presented gold medals and certificates to the toppers and other successful graduates of 2017-19 & 2018-20 batches.

The Chief Guest, **Hon'ble Shri. K. T. Rama Rao**, in his convocation address said that it is indeed a great privilege and honour to have been invited to address the 8th convocation of NIPER-Hyderabad. At the outset, he congratulated all the students who are receiving their degrees from this prestigious institution with flying colours. He addressed the students to continue with their hard-work, steadfastness to make their life successful. He praised NIPER-Hyd's achievement of 5th rank in the recent NIRF ranking 2020. He expressed that bright pharmaceutical professionals will have a pivotal role in the health care industry globally. In this regards, Telangana has played a vital and critical role in the Indian pharmaceutical revolution. He mentioned that Hyderabad is known as vaccine capital of the world manufacturing more than 2 billion doses of vaccines every year and contributing to 1/3 of the global vaccine outputs. We have more than 800 life sciences companies and this sector currently employs 120,000 pharmaceutical professionals. Hyderabad is the home for the first and only life sciences cluster, genome valley with more than 200 life sciences companies. "The new Pharma City will help us to create 170,000 jobs for pharma professionals like you". He encouraged students to pursue entrepreneurial opportunities and become job creators. He also praised **Shri K. Satish Reddy**, BoG chairman as a shining example as a successful entrepreneur and an inspiration for the students.



Dr P. D. Vaghela, in his address congratulated all the successful candidates for graduating from one of the finest Institutes in India. He congratulated Dr Shashi Bala Singh and the **Shri K. Satish Reddy** for the consistent performance of NIPER Hyderabad in the NIRF ranking. He



elaborated on the key role played by the Indian Pharmaceutical industry during the COVID-19 pandemic crisis in providing life saving drugs to India and the World. He said that the students will have bright opportunities in the ever-vibrant Indian Pharmaceutical Industry. **Shri Rajneesh Tingal**, JS, DoP, spoke on behalf of DoP and NIPER-Hyd. He described the significant progress made by the institute in its brief journey of 13 years



and made a mark among the Pharmaceutical Institutes. **Shri K. Satish Reddy**, chairman, BoG, NIPER-HYD has detailed about several transformational changes which the Pharmaceutical Industry is undergoing in this pandemic situation and has mentioned about

the several challenging opportunities the students will have in this changed scenario. He has congratulated the students of NIPER-Hyderabad for successfully completing their studies and wished them good luck for their future endeavours.

A total of 270 students of M.S. Pharm. (189), MBA Pharm. (57) and PhD (24) of the last two academic years (2017-2019 and 2018-2020) were awarded degrees. From the academic



year 2017-2019; Mone Sayali Pravin, Gaddam Vyshnavi, Harini R, Barua Harsh Deepak, Seerreddy Sravani, Veerareddy Vaishnavi, C. Mounica and



from the academic year 2018-2020; Shinde Sangita Dattatray, Virendra Mamta Choudhary, Iyer Akshaya Sreedharan, Syeda Amtul Ayesha, Pilli Pushpa, Polomoni Anusha and Devanshi Saini were

awarded gold medals for their performance in their respective specializations.

From the current academic year onwards, NIPER-Hyderabad introduced **Director's Gold Medal for all Rounder**. **Mr Prithish Kansal**, Department of Medicinal Chemistry of 2018-2020 batch has received the Director's Gold Medal for his all round performance.



MAKING INDIA SELF RELIANT IN API MANUFACTURE

MAY 27, 2020 - 11 AM - 1 PM



Join at:

<https://bit.ly/niperhydsymposium27May>

SPEAKERS:



Dr. P. D. Vaghela, IAS
Secretary, Dept. of
Pharmaceuticals, GoI



Prof. Y. K. Gupta
Principal Adviser,
THSTI, DBT



Shri R. Uday Bhaskar
Director General,
Pharmexcil



Shri Sudarshan Jain
Secretary General, Indian
Pharmaceutical Alliance

NIPER-Hyderabad organized a one-day symposium on "Making India Self Reliant in API Manufacture" on 26th May 2020. This event was coordinated by **Dr. Srinivas Nanduri**, Dean, NIPER-Hyderabad. In this symposium, **Dr. P. D. Vaghela**, Secretary, Department of Pharmaceuticals (DoP), GoI, **Prof. Y. K. Gupta**, Principal Adviser, THSTI, DBT, **Shri Uday Bhaskar**, Director General, Pharmexcil, **Shri V. V. Krishna Reddy**, President, Bulk Drug Manufacturing Association have participated as the speakers. **Dr. Shashi Bala Singh**, Director, NIPER-Hyderabad, in her welcome remarks, outlined the importance of the need for self-reliance in API sector and introduced the speakers. The keynote address was delivered by **Dr. P. D. Vaghela**, Secretary, Department of Pharmaceuticals (DoP), GoI. **Dr. Vaghela** emphasized the need to revamp the sector and to work in a private-public model to sustain the API manufacturing. **Prof. Y. K. Gupta**, Principal Adviser, THSTI, DBT has elaborated on the significance of the Indian Pharmaceutical Industry and mentioned that India has emerged as the 'Pharmacy of the World'. Indian pharmaceutical sector is one of the most dynamic, respected and progressive entities. It is the 3rd largest in the volume and 13th largest in value. He emphasized the need to be contemporary and ready for up-gradation using reverse engineering protocols. He suggested that the government should provide incentives, relax in the taxation and award of the best API manufacturer and to restructure the industry with new approaches such as artificial intelligence, machine learning and work on self sufficiency. He greatly emphasized the need to synergize with the cross-functional teams such as facilitators, manufacturers, regulatory authorities and government. **Shri Uday Bhaskar**, Director General, Pharmexcil detailed about the statistics of the API industry. Nearly 60-70% imports are coming from China alone, of which India is 100% dependent on 57 APIs. He emphasized the need to make a critical list of APIs and their manufacturing using the 'Make in India Campaign'. India exported 20.58 billion pharma ingredients of which 32% exports are on the APIs (to USA) and 68% are formulations. Later, **Shri V. V. Krishna Reddy**, President, Bulk Drug Manufacturing Association spoke on the "core issues being faced by bulk drug manufacturers. He mentioned that 4500 DMF (Drug master file) were filed in US-FDA, of which 50% of them are from India. India is currently manufacturing 70% of vaccines. He strongly emphasized the need to be innovative, vibrant and research based. The major bottle necks for progress of API sector is the strong environment pollution control norms, economics, lack of sufficient intermediate manufacturing industries in India, dependence on China and sudden disappearance of fermentation industry in India. He shared that government had identified 53 API's of

which 50% are to work with Chemistry and the rest are fermentation based. The government has also set up 2 bulk drug parks one in Gujarat and second one in Andhra Pradesh with investment of 1000 Crores. Hyderabad becoming the central hub, the government also proposed 8000 acres of land near Mucherla with a view to consolidate pharmaceutical industries located within the city to the newly proposed place. **Mr. Sudarshan Jain**, Secretary General, Indian Pharmaceutical Alliance, spoke on partnerships with BIRAC/DBT/DST for funding and need for the companies to have proper road maps. The APIs must start with low volume strategies and must eventually scale-up to a tune of 3000-7500 tonnes/month infrastructures. The symposium ended with discussion and concluded with thanks to all 860 participants and the Chair.

World Day for Cultural Diversity
for Dialogue and Development | 21 May

National Institute of Pharmaceutical
Education and Research, Hyderabad

PRESENTS

WEBINAR ON

**ART OF LIVING
WITH COVID - 19**

May 21, 2020 at 11 am

Keynote Speaker:
Dr. H.R. Nagendra
CHANCELLOR,
S-VYASA UNIVERSITY,
BENGALURU

Speaker:

Dr. B. R. RAMAKRISHNA
VICE-CHANCELLOR,
S-VYASA UNIVERSITY,
BENGALURU

Register at:
<https://bit.ly/niperhydculturaldiversityday>

NIPER-Hyd hosted a webinar on 'Art of Living with COVID-19' by **Dr. B. R. Ramakrishna**, Vice-Chancellor, S-vyasa University, Bengaluru in order to celebrate 'World Day for Cultural Diversity' on May 21, 2020. The webinar began with a pre-amble from Guruji **Prof. Dr. Nagendra**, Chancellor, S-Vyasa University. Guruji spoke on various practices to overcome stress, strain, anxiety and fear. He delineated how AYUSH ministry was recognized by WHO as complementary alternative system of medicine and how yoga can increase the immunity of public, if practiced properly. Guruji emphasized the fact that human life is constituted by five elements - "body, mind, sense, intellect and consciousness". Practice of ayurveda, yoga and spirituality can promote positive health; prevent diseases by practicing daily and seasonal regimens, personal as well as social code and conduct. The discipline focuses on treating patient rather than curing disease.

Dr. B. R. Ramakrishna, Vice-Chancellor delivered a talk on perspective of ayurveda in the 'COVID-19' crisis. He defined COVID-19 as disease that is 'Saankraamika, Auyasargika and Janapadodvamsa' and affects the respiratory system (Praanavaha strotas) exhibiting the symptoms of common cold (Pratishyaaya) to SARS (Severe acute respiratory syndrome). He emphasized the importance of ayurvedic concept of disease prophylaxis, the importance of diet in ayurveda with regard to respiratory immunity, AYUSH ministry's specific measures for boosting the immunity, home remedies, ways to keep the entry routes of microbes sterile and finally the integrated approach of ayurveda and yoga module for immune boosting. 220 participants from NIPER-Hyd and other institutes witnessed this event through Webex platform. Further, as per the instructions from Guruji, an open ended survey was transferred as google link enquiring the health status of the people during the lockdown period and the impact of Yoga and other AYUSH therapies before and after lockdown covering their health status.

NIPER Hyderabad Presents

Intellectual Property Rights Workshop

01-06 June, 2020


NIPER Hyderabad Campus

In Collaboration with IPFC

ICRISAT
AIP
Agriculture and Innovation Platform

What you'll learn:
 Fundamentals, role of IPR in Pharma & IPR laws
 Overview & Types of patents, Patents & trademarks databases, literature
 Patent filing procedure, timelines, costs & monetization

Attend if you are:
 Students / Entrepreneurs / MSME
 Faculty
 Pharma professionals



NIPER-Hyd has organized six days online IPR workshop during 1st – 6th June, 2020. The workshop started on 1st June, 2020 with a brief introduction by **Dr. B. Lakshmi**, Assistant Professor, Department of Pharmaceutical Management and Convener of the workshop. **Dr. Shashi Bala Singh**, Director, NIPER-Hyd gave the opening remarks mentioning the key role of IPR in the current scenario. The inaugural address by **Prof. Javed Iqbal**, Founder and Chairman, Cosmic Discoveries, Hyderabad on "Translating Basic Research to Benefit Society" dwelled deeply on how scientists should focus not only on innovation but also the societal benefits of the innovations.

The first technical session by **Dr. Goutam Bhattacharya**, Partner & Head, Hyderabad office, K&S Partners on Fundamentals and Types of IPR, IP Subject Matter, Role of IPR in Pharma Sector, IPR laws in India and IP Landscape and set up the basis for the upcoming technical sessions. The second technical session on 2nd June was delivered by **Dr. Suryamani Tripathi**, Legal Counsel, ICRISAT. The session was well appreciated by the participants for the in depth insights on reading of patent and patented literature, implications (Legal Status, Expiries, Extensions), Patent Search Engines, Databases, Techniques & Strategies. The third technical session on 3rd June was delivered by **Mr. Samrat Ganguly**, Associate, Patents (Biotech & Biosciences), K&S Partners. The engrossing session dealt with drafting of patent specification and claim construction, patent filing procedures, timelines and costs involved in IP filings and post IP application scenario. On 4th June, a lecture was delivered on trademark laws, databases, searches, filing and prosecution with special focus on COVID-19 by **Mr. Vijay Kumar Makyam, I-Win IP services**. The session also dealt with the trademark registration process and the participants were given a live demo of the trademark registration. This was followed by a technical session on Do's and Don'ts for IP in Pharma sector, IP Case studies in Pharma sector, Subject Matter Identification by **Mr. VSSRK Raju Bhupathiraju**, Patent Attorney and Attorney-at-Law. The session dealt with Pharma examples and case studies on Subject Matter Identification and Patent Grants/Claims. The sixth technical session was delivered on IPR Litigations & Prosecutions by **Mr. Ashok Ram Kumar**, Founder, Wordict IP. The session was very much engaging and appreciated by the participants. The valedictory session on 6th June was delivered on **Capitalizing IPRs in Pharma Sector** by **Dr. Nidhi Sandal**, Joint Director, DRDO. The session was insightful and conveyed that IP is not a process but a strategy/visionary approach to help the company grow.

The Eminent Speakers



Prof. Javed Iqbal



Dr. Goutam Bhattacharya



Dr. Suryamani Tripathi



Mr. Samrat Ganguly



Mr. Vijay Kumar



Mr. VSSRK Raju Bhupathiraju




Mr. Ashok Ram Kumar



Dr. Nidhi Sandal

An Inspiring Talk on "Organic Chemistry in Human Well-being"


Webinar on
Organic Chemistry in Human Well-being



Speaker
 Prof. Dr. Vinod K. Singh
 Rahul and Namita Gautam Chair Professor
 Dept. Of Chemistry, IIT Kanpur

Date: 19th June, 2020
 Time: 11.00 AM

Registration at:
<https://qr.go.page/ink/wDBDV>



NIPER-Hyd hosted a webinar on 'Organic Chemistry in Human Well-being' on 19th June 2020 by **Prof. Vinod K. Singh**, Rahul and Namita Gautam Chair Professor, Department of Chemistry, IIT Kanpur. His talk began with remarks on how the education **shaped well being of human things**. He emphasized the role of chemistry in the day-to-day life activities including the kitchen chemistry involving onion and garlic. He told most compounds we use in daily life are of organic origin, and 65% of them are small molecules and remaining 15% are derived from nature. He started with 1828 AD synthesis of Wohler's urea and the Berzelius's theory of "Vital force" in 1809. He explained how R.B. Woodward (1917-1979) played role in the synthesis of alkaloids and vitamin-B12. He illustrated how 'composer', 'artist', and 'poet' views are reflected in the E. J. Corey's synthesis of several molecules of societal interest. He emphasized the role of medicinal chemists to people by examples such as paracetamol and aspirin. After listing the top 5 drugs approved in the market (2019), he emphasized the role of organic chemists in

understanding the biosynthetic aspects by taking HMG-CoA reductase as example in the synthesis of cholesterol. He then touched upon regulatory aspects and why certain enantiomers are important to clinical trials by exposing the 'S-Thalidomide' tragedy and the importance of chirality in drug kinetics and metabolism. By taking the example of omeprazole, he told how chirality helped to extend the patent protection. He also brought several molecules of societal interest, molecules behind the Lemon and Orange, role of (S)-Olean and (R)-Olean pheromones story, enantiomeric role of dichlorprop herbicide and antioxidant property of Vitamin C. He concluded saying "**Organic Chemistry is very useful to day-to-day life**". The talk had sizable amount of Q/A interactions and ended with thanks to the chair.

A Workshop on Pharmaceutical Modeling and Simulation (PUMAS) was organized by NIPER-Hyd in association with University of Maryland School of Pharmacy, USA, ACTREC Mumbai, Amity University and MSRUAS Bangalore during 13-15, Feb 2020. **Day 1 Highlights:** Talk delivered by **Dr Vijay Ivaturi**, Assistant Professor, University of Maryland, USA; **Day 2 Highlights:** Talks and Hands on sessions delivered by **Dr Vijay Ivaturi** and **Dr. Surulivel Rajan M**, Associate Professor, Department of Pharmacy Practice, Manipal College of Pharmaceutical Sciences. Hands on session were coordinated by **Dr Abhijith Chandrababhu**, Julia Computing, Bangalore.

Society for the Study Xenobiotics (SSX), India
in collaboration with
University of Maryland School of Pharmacy, USA
ACTREC - Mumbai, Amity University - Noida,
MSRUAS - Bangalore, NIPER - Hyderabad
Successfully conducted

**three days' workshop on
Pharmaceutical Modeling
and Simulation (Pumas)**

for more details
GO TO EVENT PAGE

UNIVERSITY of MARYLAND
SCHOOL OF PHARMACY
CENTER FOR TRANSLATIONAL MEDICINE

RAMAIAH UNIVERSITY
AMITY
NIPER
ACTREC

Learnings from COVID-19 Crisis Talks

The COVID-19 pandemic has been forcing a strategic rethink within the Government on how it nurtures its scientific landscape. There is a realization that instead of importing, creating indigenous knowledge and manufacturing base should be the national priority. Unlike other services, drugs and medical devices cannot be developed overnight. India with its National Laboratories and outfits like BIRAC, has built a strong bioscience foundation with a robust and start-up corporate base. In a way, COVID-19 crisis catalyzed India and its Scientific Community. **The Indian Scientific Community is very much optimistic that it will reflect in the budget allocations.** We feel that the pandemic should have a positive impact on our Science & Technology and there should be some positive changes.

Thus, SRM University, in association with India's National Newspaper, The Hindu, has organised the webinar, "Post COVID-19: Science and Technology" on 29th May 2020. The main objectives of the webinar were to discuss the type of research to be carried out, in view of Industrial Resurgence in the country, possible slowdown of R&D and the strategies, Institutional Collaborative Research in Science and Technology etc., The webinar was chaired by **Bharat Ratna Prof. CNR Rao**, Linus Pauling Research Professor at JNCASR, Bangalore. **Prof. Ashutosh Sharma**, Secretary to Govt. of India, Department of Science & Technology (DST), **Dr S. Chandrasekhar**, Director, CSIR – Indian Institute of Chemical Technology, Hyderabad and **Dr Shashi Bala Singh**, Director, NIPER, Hyderabad were the invited Speakers. **Prof. D. Narayana Rao**, Pro-Vice-Chancellor of SRM University, AP has initiated this webinar and was the moderator and Convener of the program.

THE HINDU

POST COVID-19:
Science & Technology

Friday, 29th May 2020 11:00 am - 12:40 pm

Bharat Ratna Prof. CNR Rao
JNCASR, Bangalore, Chairperson

Prof. Ashutosh Sharma
Secretary, DST

Dr. S. Chandrasekhar
Director, CSIR-ICI, Hyderabad

Dr. Shashi Bala Singh
Director, NIPER, Hyderabad

Prof. D. Narayana Rao
Pro Vice Chancellor
SRM University, AP
Moderator and Convener

In addition, NIPER-Hyd has organized a series of Webinars with eminent speakers during the COVID-19 pandemic crisis; these talks helped number of registrants including MS (Pharm.) students, PhD scholars, faculty of NIPER-Hyd and participants from all over India and abroad. **Dr. Dinesh Kumar** delivered a webinar on pre & post COVID challenges on 17th June 2020. He explained the probable origin of the novel coronavirus in China and how it travelled to different countries and also described how this pandemic virus infected Indian states including Telangana. He talked in detail about different pathological consequences of COVID-19 and emphasized on the importance of lung injury in the form of severe acute respiratory distress syndrome (SARS). He discussed the possible therapeutic options to control COVID-19 and its complications.

National Institute of Pharmaceutical Education and Research,
Hyderabad
Organized

**Webinar on
PRE & POST
COVID
CHALLENGES**

June 17, 2020 - 11 am

Register at:
<https://gojo.page.link/ELzbi>

**DR. B. DINESH
KUMAR**
Scientist G
National Institute of Nutrition,
Hyderabad

Dr. Julius Anthony Vaz, Global Program Head, Novartis Healthcare Pvt Ltd., Hyderabad, spoke in a webinar entitled "**The Survival of the Fittest – Adapt or Perish**", on 9th June, 2020. During the talk, he described about various changes affecting the World Healthcare and Medicine, its Impact on modern medicine. He mentioned that speed and adaptation is the key to continued success and Information Technology driven by innovative science will revolutionize the delivery of healthcare. He emphasized that the novel approaches will enable us to thrive in this rapidly changing environment even though major issues will continue to challenge us. He explained about transformative medicine which will have a significant impact on society and key to our continued success. He concluded with a statement "collaborate, consolidate knowledge and build core values".




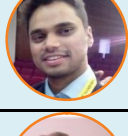
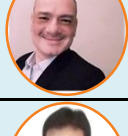

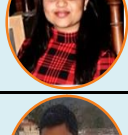





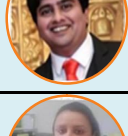

Webinar on
SURVIVAL OF THE FITTEST - ADAPT OR PERISH

Dr. Julius Anthony Vaz
Global Program Head, Novartis Healthcare Private Limited.

JUNE 09 • 11 AM - 12:30 PM

REGISTER AT:
[HTTPS://BIT.LY/WEBINAR09062020](https://bit.ly/webinar09062020)

In addition, our bright MBA students organised a series of webinars/seminars by inviting eminent speakers in the area of sales & marketing, branding image, challenges & opportunities in pharmaceutical sector, and thinking career in regulatory affairs.

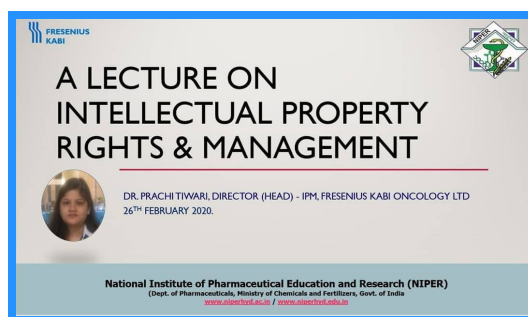
"Self Branding" by Mr. Devan Bhalla, Deputy General Manager, Amar Ujala on April 24 th 2020	
"Roadmap to Sales, Marketing and other Cross Route" by Mr. Hitesh Khandelwal, Sr. Product Manager, Johnson & Johnson on 26 th April	
"Pharma Marketing Scopes" by Mr. Bhavesh Mor, Product Manager, Sun Pharmaceutical Industries Limited on April 25 th 2020	
"Demystifying The Art & Science of Pharmaceutical Selling" by Mr. Rohit Thakur, Brand Manager, Dr. Reddy's Laboratories on 2 nd May	
"Selling Skills based on Personality" by Mr. S Babu, Regional training officer at Merck group on April 30 th 2020	
"Six Sutras to become a Pharma Marketing Superhero" by Mr. Soham Wagh, Sales & Marketing Professional on May 3 rd 2020	
"Journey from College to Corporate" by Ms. Tejaswi Rayella, Business Development, Laurus Synthesis on May 9 th 2020	
"Career Opportunities after MBA" by Mr. Indraneel Sinha, Senior Product Manager, Medtronics on 15 th May 2020	
"Challenges and Opportunities in Pharmaceutical Sector Post COVID-19" by Mr Dinesh Bora, Head of Brand Marketing at Zydus Cadila on 17 th May 2020	
"Targeting Bioenergetics in Mycobacterium Tuberculosis: Challenges and Opportunities" by Dr Nitin P. Kalia, Ramalingaswami Fellow, IIIM, Jammu 22 nd May	
"Planning a New Product & Marketing Perspective" by Mr. Parag Mahajan, Senior Brand Manager at Cipla on 23 rd May 2020	
"How to Leverage Skills and Traits in Changing Times - A Perspective to MBA Students" by Mr. Chandrasekhar Golla, Regional Value Lead in Roche India on 31 st May 2020	
"Thinking Career in Regulatory Affairs - Stepwise Approach for "Preparation" by Mr. Hrishikesh Dhongade, Senior Manager, Novartis Healthcare India Pvt Ltd on June 20 th 2020	
"Antimicrobial Resistance: The War Against the Tiniest Yet Deadly Pathogen" by Dr. Vasundhra Bhandari, DST INSPIRE Faculty, NIAB-DBT, Hyderabad on June 24 th 2020	

Experts Talks @ NIPER-Hyd

NIPER-Hyd invited eminent speakers from India as well as abroad at different levels of expertise and emerging researchers in the area of both pharmaceutical and biological sciences. The following talks were held at NIPER-Hyd scientific community to enrich their knowledge towards the target identification, drug design, discovery and development. On the occasion of "National Science Day" 28th Feb 2020, NIPER Hyderabad has organized a Guest talk on "Driving Innovation in R&D through Data Analytics" by Saurabh Biswas, Head - Data Analytics, Process Excellence R&D, Dr. Reddy's Laboratories Ltd., Hyderabad.



Another lecture was organized on "Intellectual Property Rights and Management" by Dr. Prachi Tiwari, Director (Head) - IPM, Fresenius Kabi Oncology Ltd on 26th Feb 2020.



A talk on "A Trans - Disciplinary Perspective on Disparity in Breast Cancer: Research Resources and Global Initiatives" delivered by Dr. Ritu Anuja, Georgia State University, USA.



Research at Glance

Several achievements of our students and faculty continue to make NIPER-Hyd proud through their best efforts in getting awards, publishing research and review articles, book chapters in peer reviewed international journals. During this period, **NIPER-Hyd published 63 research / review / book chapters & 3 patents filed** (please find details: http://www.niperhyd.ac.in/Publications_Of_NIPER_Hyderabad.html).

Ms Iyer Akshaya Sreedharan, from Pharmaceutics Department has won prestigious **Lupin Merit Scholarship Award** for this academic year which consists of Merit certificate and Cash Prize of Rs. 50000/-. Few students have bagged best poster awards in various national and international conferences.



Memorandums & Collaborations

To strengthen the academic and research activities of NIPER-Hyd, the institute has signed a number of MoUs with national and international organizations; the details of MoUs are shown below:

1. The MoU was signed between NIPER-Hyd and ESIC Medical College Sanath nagar, Hyderabad on 29th April 2020. The main aim is to collaborate in academic exchange, R&D activities in various field of Virology, Molecular biology, Pharmacology and Toxicology, Neuroscience & Bioanalytical Studies.
2. NIPER-Hyd signed the MoU with University of Bialystok, Poland on 16th May 2020.
3. The MoU was signed between NIPER-Hyd and Lifeactivus Pvt. Ltd and Tenshi KSM on 6th July 2020 to foster collaboration formulation R&D, drug discovery from synthesis to commercialization.

Sponsored/Consultancy Projects

1. Design, synthesis and biological evaluation of new GSK3 β inhibitors as promising therapeutic agents for treating Traumatic brain injury and consequent neuronal degenerative diseases; PI: Dr. Srinivas Nanduri, Co-Investigators: Madhavi Yaddanapudi, Dr. Dharmendra Khatri, Dr. Kailash Manda (Institute of Nuclear Medicine & Allied Sciences-Delhi), sponsored by ICMR, New Delhi.
2. Development of andrographolide-cyclodextrin inclusion complex and evaluation of its oral bioavailability, acute and sub-acute toxicity in experimental animals PI: Dr. Jitender Madan, Co-PI: Dr. Dharmendra Kumar Khatri, from Ambe Phytoextracts Private Limited, New Delhi.

Innovations

NIPER-Hyd has filed some of the Indian Patents entitled:

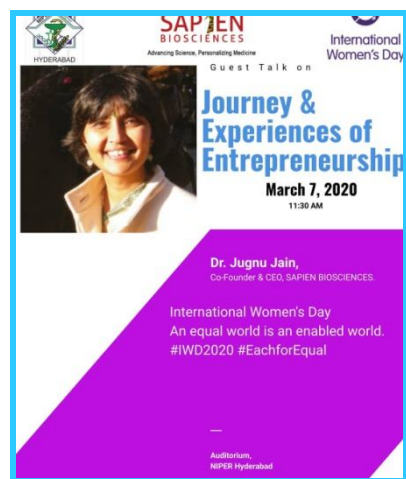
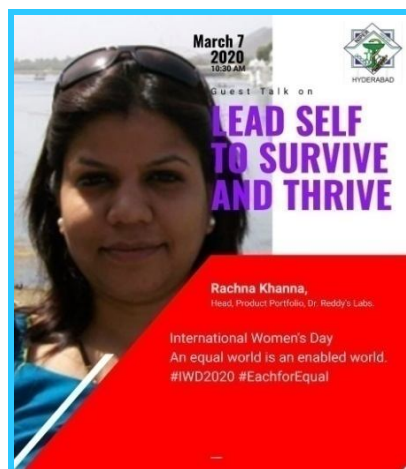
1. "Osimeritinib Mesylate PLGA Nanoparticles with Ligands in Lung Cancer Therapy". The inventors are from Dept. of Pharmaceutics and authors are Anitha Sriram, Sajidul Hoque, Pankaj Kumar Singh and Shashi Bala Singh.
2. "A liquid formulation of chlorine for treatment of COVID-19 and other respiratory viral infection". The inventors are from Department of Pharmaceutics, LifeActivus and Supreme Industry. Name of inventors are Keshav Deo, Shashi Bala Singh, Dinesh Panchasara, Pankaj Kumar Singh.
3. "An Improved Process for a Noble Effervescent Formulation of an Anti-Aging Agent". The inventors are from Department of Pharmaceutics and LifeActivus. Name of inventors are Keshav Deo, Shashi Bala Singh, Pankaj Kumar Singh and Sheela Modani.

International Women's Day



NIPER-Hyd celebrated "International Women's Day" on March 7th 2020. We strongly believe that an equal world is an enabled world. **Dr. Shashi Bala Singh**, Director gave inaugural address to the gathering and quoted that strengthening women participation in pharmaceutical education for enabling equality and the role of women in success. Later, Director invited two eminent speakers on this occasion. **Ms Rachna Khanna**, Head - Product Portfolio, Dr. Reddy's Labs delivered a talk on "Lead Self to Survive and Thrive". Another talk was by **Dr. Jugnu Jain**, Co-Founder & CEO, Sapien Biosciences shared her experience on "Journey & Experiences of Entrepreneurship", the role of women for success.

On this occasion, **Dr. Shashi Bala Singh**, Director, NIPER-Hyd delivered a lecture on "Innovations in Science Education by Women Entrepreneurs" at National Conference on Women in Science Education (WISE)-India 2020 organized by NIMHANS, Bangalore.



Dealing with COVID-19 Crisis

"In every crisis, the true heroism is self-discipline, patience and strong determination" as mentioned by the Director Dr. Shashi Bala Singh. In this connection, NIPER-Hyd has taken steps based on the advisory issued by health ministry and local administration of Telangana State in connection to unprecedented crisis arising out of COVID-19 situation. To mitigate the COVID-19 situation including our future strategy, here are few important steps taken by our institute.

1. Developed in house sanitizer for the benefit of staff & students.
2. Faculty, staff & students have contributed one day salary/stipend to PM CARES.
3. EPFO contribution of both employee and employer to outsourced staff as per Govt. of India directives. Assistance to withdraw up to 75% advance of amount standing credit.
4. Starting of TCSiON digital classroom platform to conduct virtual classes.
5. Constituted COVID-19 Campus Response Team, comprises of:

Dr. S. Gananadhamu & Sanjeev Lohani, Coordinators; Dr. Y.V. Madhavi, Chief-warden & Manoj Dhote, Warden. Dr. Nandkumar D, Chair, Security & Dr. Saurabh Shrivastava, BoS.

Dr. Rajesh Sonti, Assistant Professor, NIPER Hyderabad delivered a talk on "General Awareness on the Spread of Corona Virus and It's Prevention" on 16th March 2020. In this talk, he explained to the faculty, staff and students of NIPER-Hyd about the corona viruses, global pandemic



situation and the statistics obtained from the reports of WHO website. He also further highlighted the myths associated with COVID-19. Detailed explanation of hand washing, sanitisation and social distancing were explained. Importance of social distancing to flatten the curve was explained with plots.

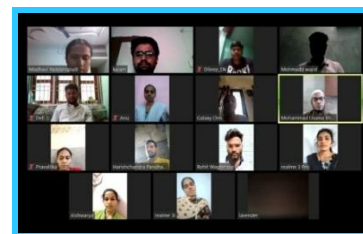
Our faculty, students and staff organized several social awareness programmes on preventive and safety measurements need to be taken during COVID-19 crisis using various social media platforms.



NIPER-Hyd prepared hand sanitizer according to WHO guidelines and distributed to Police personnel, security guards, bank and postal employees and the people in the adjoining areas of NIPER Hyd.



Online classes: Due to the prevailing situation of COVID-19 lockdown, NIPER Hyd has been leveraging online medium to continue the lectures. Faculties are in constant touch with the students to continue and complete the academic/research activities. Virtual face to face connections, assignments, conversations for self directed learning are adopted by the faculty and students.



University College Visits

A number of students have visited NIPER-Hyd from various Universities/ institutions/colleges from different parts of India to strengthen their scientific temperament and skills as part of their scientific/educational tours. NIPER-Hyd faculty and PhD scholars gave demonstration on various scientific instruments and showed their applications in day to day life.



M.Sc., Biotechnology students of Rajiv Gandhi Institute of IT and Biotechnology, Bharati Vidyapeeth (Deemed to be University) from Pune visited NIPER-Hyderabad as part of their research and educational tour.

The M.Sc students & faculty of Bhavan's Vivekananda College of Science, Hyderabad visited NIPER-Hyd research facilities as part of their educational tour.



Dr. Shashi Bala Singh, Director, NIPER-Hyd ignited the young students at the workshop on "Top of the bench (hands-on experience) and quiz/puzzles in chemistry" in association with Royal Society of Chemistry-Local Section Deccan (RSC-LCD).



Dr Shashi Bala Singh, Director, NIPER Hyderabad team in discussion with Dr Surinder Singh, Hon'ble Vice Chancellor, JSS Academy of Higher Education and Research, Mysuru. The team has discussed about the academic exchange program and course design between NIPER-Hyd and JSS AHER, Mysuru.



Republic Day Celebrations

NIPER-Hyd celebrated the 71st Republic Day with patriotism and grandeur. The celebrations started with flag-hoisting, recitation of the national anthem and **Dr Srinivas Nanduri**, Dean, address to the community. The institute building beautifully lit-up on the auspicious occasion.



World Environment Day

All faculty and staff celebrated “**World Environment Day 2020**” at NIPER-Hyd campus. Director, **Dr. Shashi Bala Singh** emphasized a greater need to learn from nature. All faculty and staff while maintaining social distancing norms, involved actively by planting the saplings.



Preliminary cleaning exercises were done. All clutters involving old machinery and papers were segregated and planned to be send for recycling. Students were motivated to fill

questionnaire in google-forms and to connect with nature for survival.

Telanganaku Haritha Haram

The institute has taken an important initiation to revitalize and balance the nature by planting different kinds of plants from avenue plants to fruit saplings. In this connection, **Shri K. T. Rama Rao** Hon'ble Minister, Telangana state planted a tree in the NIPER premises under “**Telanganaku Haritha Haram**” program during the 8th e-convocation on 24th July 2020. NIPER-Hyd Director, faculty and staff have successfully planted 200 saplings such as guava, lemon, and avenue trees such as gulmora, etc.



International Yoga Day

The “International Day of Yoga-2020” was celebrated at NIPER-Hyderabad on 21st June 2020. After the invocation and lamp lighting, Director, **Dr. Shashi Bala Singh** explained the importance of Yoga in our daily life and emphasized that its daily practice shall strengthen the immunity and respiratory systems. She gave scientific insights into yogic practices and shared her rich experiences in DRDO and her contributions to yoga for the benefit of soldiers in high altitude areas. From the perspective of COVID-19, a pandemic of global health concern, she justified the need to perform ‘Pranayams’ in addition to regular yoga exercise. Yoga is a physical, mental and spiritual practice having its origin in India that dates back to 2000 years. Yoga is regarded as one of the most effective methods of establishing link among between body and minds. Yoga is a type of exercise which consists of asanas and breathing exercise for the relaxation of body and mind. According to united nationals general assembly following the prime ministers’ address, it adopted 21st June be celebrated as the “**International Yoga day**”. Because, this was the longest day in the year of the northern hemisphere. At NIPER-Hyd with the theme “Yoga for Health and Yoga with NIPER-Family”, the faculty, staff and students performed various activities.



Post the event, the team paid homage to 20 Jawans who were martyred at the Line of actual control (LAC) in the clash at Galwan

valley of east Kashmir. The activity concluded with thanks to chair.



The Colourful Holi

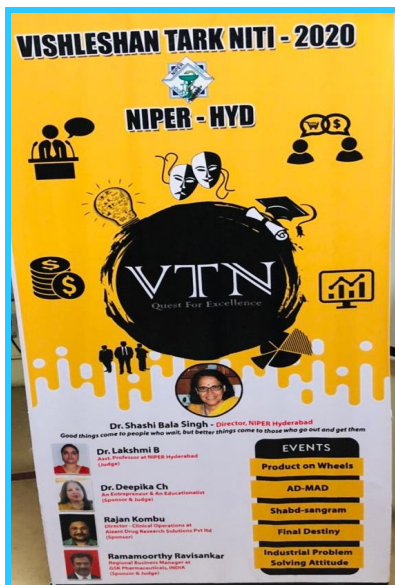
NIPER Hyderabad wishes you and your family a Happy and colorful Holi! Students at NIPER Hyderabad celebrated Holi with great fervour and gusto!!.....



Vishleshan Tark Niti @ MBA

Department of Pharmaceutical Management, NIPER Hyd conducted a technical fest named Vishleshan Tark Niti for NIPER Hyderabad students to assess their skills, knowledge, adaptability to situations and ability to tackle different challenges.

A technical fest consists of many events which help the students apply their knowledge to actual industrial problem and showcase their talents. It gives the students the confidence to face the situations. They get to analyze themselves and understand what parameters they need to work on, to excel in the growing competitive market. The event helped students analyze their skills in various aspects like Analytics, Management, Logical Reasoning & Case Study. The events were conducted in NIPER Hyderabad campus itself.



The events were as follows:

- 1.PRODUCT ON WHEELS:** The participants presented a branded drug to show case their product selling skills.

Rounds

- Let your product talk - prepare a visual aid (Max Time: 3 min.)
- Negotiate and avail- (Final round)-sell your product (Max Time: 5 min.)

- 2.AD-MAD:** This event was planned to showcase the participants' creative and acting skills in developing an advertisement for a product

- 3.SHABD-SANGRAM:** This event was a test for participants' spontaneity through words and their thoughts.

Rounds

- EXTEMPORE:** On the spot deliver a talk on the topic given before a minute.
- VICE-VERSA** (Final round): shuffle up between for and against as the judge commands.

- 4.FINAL DESTINY:** Participants were involved in a simulated Job Recruitment Experience.

Rounds

- Group discussion
- Personal interview

- 5.INDUSTRIAL PROBLEM-SOLVING ATTITUDE:** Participants solve a given industrial case problem and answer various questions assigned to it.

Rounds

- Debate
- Case study analysis

MBA (Pharm) Department expresses their gratitude to the Director, NIPER Hyderabad for her constant encouragement and support to conduct the event. They are also very thankful to the Guest Faculty for their motivation and guidance. A special thanks to all Event Judges for their valuable time and honest results which have instilled a sense of achievement in the participants. Special thanks to the sponsors, without whom conducting such an event would not have been possible.



MBA (Pharm) Department congratulates all the winners and thanks all the participants for making VTN a wonderful and successful event, and wishes to host many more such successful events in the future.

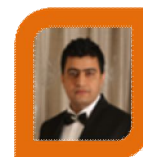
Sports Meet - 2020

The chief objective of sports is to encourage competition, team work and physical strength which results in a development of will, body and mind of the students. We try to inculcate a message that "A sound body ensures a sound mind" along with a famous saying that goes as "Health is wealth". Competitions bring all students on one stage for displaying their intelligence, response time, physical prowess. The healthy competition that occurs during these events further results in several times of adrenaline rushes and helps them to distress and elevate their happiness levels.

Director, **Dr. Shashi Bala Singh** addressed the students on that day and highlighted the importance of sports for a healthy and dynamic life style amidst their busy academic curriculum. She appreciated the efforts of students in organizing the event with proper planning.



Sports are not only means of entertainment but also important for character building. Sports help the player to learn how to channelize the energy for productive results. It also teaches teamwork, coordination, trust, planning, and also helps to keep the body fit and active. The one who is involved in sports activities displays vital signals of better physical growth and development. Additionally, it also helps the person to grow mentally. This sport event was coordinated by **Dr. Dharmendra K. Khatri**, Sports Officer-In charge.



"Tarang" Newsletter Title


The title "**Tarang**" suggested by **Miss Divya Wadhwa** from the Department of Pharmaceutical Management has been selected for NIPER-Hyd Newsletter based on the competition conducted among all the master students. In this regards, we are delighted to present her the book prize and certificate as a token of appreciation.



Virtual PhD Defences

Due to the prevailing situation of COVID-19 pandemic crisis and continues lockdowns, NIPER-Hyd has been leveraging on online medium to conduct the PhD viva-voce exams. During this period, a number of PhD students have been successfully presented their viva-voce exam by online and awarded the degrees.

Many of the PhD students got placed in reputed pharmaceutical companies such as AMRI, Pvt. Ltd. Two students joined as assistant professors in GITAM University, Hyd. One student got post-doc position in USA.



M. GEETA SAI MANI

Congratulations

Research Scholar from Dept. of Medicinal Chemistry has successfully defended her Ph.D thesis online and recommended for award of Doctorate Degree.

GUIDE: DR. AHMED KAMAL
CO-GUIDE: DR. N. SHANKARAIHAH

Thesis Title:
Synthesis of Imidazopyridyl[1,5]-alloprenones as Potential Cytotoxic Agents: Development of Novel Methodologies to Different Heterocyclics via Molecular Iodine-mediated C-H functionalization.




JADALA CHETNA

Congratulations

Research Scholar from Dept. of Medicinal Chemistry has successfully defended her Ph.D thesis online and recommended for award of Doctorate Degree.

GUIDE: DR. AHMED KAMAL
CO-GUIDE: DR. N. SHANKARAIHAH

Thesis Title:
Synthesis and in vitro Cytotoxicity Evaluation of Combretastatin-A4 based β -Carboline, Sulfonyl Piperazine, Chalcone Hybrids and Development of Novel Synthetic Methods to Different Heterocyclics




YADAV UPASANA RAMESHBHAI

Congratulations

Research Scholar from Dept. of Medicinal Chemistry has successfully defended her Ph.D thesis online and recommended for award of Doctorate Degree.

GUIDE: DR. AHMED KAMAL
CO-GUIDE: DR. N. SHANKARAIHAH

Thesis Title: Synthesis and Biological Evaluation of New Sulfur-Containing Heterocyclic Derivatives as Cytotoxic Agents



Congratulations

RESEARCH SCHOLAR P. JOHNSI RANI FROM DEPARTMENT OF PHARMACEUTICAL ANALYSIS UNDER THE GUIDANCE OF DR. N. SATEESH KUMAR HAS SUCCESSFULLY DEFENDED HER PHD THESIS ONLINE AND RECOMMENDED FOR AWARD OF DOCTORATE DEGREE.

Thesis Title: Use of high resolution LC-MS, NMR analysis for characterization of degradation products and metabolites of selected drugs; in vitro cytotoxicity and molecular docking studies of isolated degradation



Congratulations

Research Scholar Mr. Srikanth Gatadi from Department of Process Chemistry under the guidance of Dr. Srinivas Nanduri has successfully defended his Ph.D thesis online and recommended for the award of Doctorate degree.


Thesis Title: Design, Synthesis and Evaluation of New 4(3H) - Quinazolinone Derivatives as Potent Antibacterial/Anticancer agents



Congratulations

RESEARCH SCHOLAR MR. AMIT KHURANA FROM DEPARTMENT OF PHARMACOLOGY & TOXICOLOGY UNDER THE GUIDANCE OF DR. CHANDRAIAH GODUGU HAS SUCCESSFULLY DEFENDED HIS PHD THESIS ONLINE AND RECOMMENDED FOR AWARD OF DOCTORATE DEGREE.

Thesis Title: Evaluation of Anti-inflammatory and Anti-fibrotic Effects of Rare Earth Nanoparticles for the Treatment of Pancreatitis.




CONGRATULATIONS

JITENDRA GOUR

Research Scholar from Dept. of Process Chemistry has successfully defended his thesis online and recommended for award of PhD Degree

Guide: Dr. Srinivas Nanduri

THESIS TITLE: DESIGN, SYNTHESIS AND BIOLOGICAL EVALUATION OF NEW POLYCYCLIC INDOLES AND PYRROLES AS POTENTIAL ANTICANCER AGENTS AND DEVELOPMENT OF NEW METHOD FOR C-N BOND FORMATION



CONGRATULATIONS

Research Scholar from Dept. of Medicinal Chemistry has successfully defended her Ph.D thesis online and recommended for award of Ph.D degree

Guide: Dr. Ahmed Kamal
Co-Guide: Dr. N. Shankaraiha

Thesis Title: Synthesis of Diaryl Oxazole-Benzimidazole- cinnamide Derivatives as Cytotoxic Agents and Iodine-mediated Novel Synthetic Strategies to Nitrogen containing Fused Heterocycles



Felicitations of COVID Warriors

The efforts of Corona Warriors were well recognized and appreciated by **Dr. Shashi Bala Singh**, Director NIPER-Hyd and team NIPER Hyderabad. **Mr. Manoj Dhote** co-ordinated the event under the guidance of **Mr. Sanjeev Lohani** for felicitation ceremony to mark respect and gratitude towards the selfless and dedicated service provided by Corona warriors during the time of global crisis.



Sanitization @ NIPER Hyd

In wake of COVID-19, entire NIPER Hyderabad campus has been continuously sanitized as per WHO guidelines. A team of COVID Warriors (Housekeeping & Security personnel) led by Mr. Manoj Dhote is tirelessly executing the sanitization job in coordination with Registrar and Finance Officer.



कोविद-19 महामारी से लड़ाई में नाईपर हैदराबाद की अहम भूमिका : डॉ पंकज



सहायक प्रोफेसर कोराना पर कर रहे हैं अनुसंधान, बचाव को लेकर दिए कई सुझाव

परीवर्तन और 9 अनुदान-प्राप्त सहयोग परियोजनाएं प्रस्तुत की हैं। इसके अतिरिक्त हमने वैज्ञानिक समुदाय के लिए कोविड-19 की समझ बढ़ाने के लिए 4 समीक्षा लेख प्रस्तुत किए हैं और प्रकाशित किए हैं। इसके अलावा हमने नाईपर हैदराबाद से सरे रहने वाले लोगों को हेड सैनिटाइजर तैयार किया और वितरित किया। हमने पीएम केरफंड में योगदान दिया और कोविड-19 संक्रमण से बचाव के बारे में जागरूकता फैलाई। नीचे विस्तृत गतिविधियों का उल्लेख किया गया है।

उन्होंने कहा कि कोविड-19 महामारी के दौरान नाईपर हैदराबाद में अनुसंधान गतिविधियां जारी हैं। इसआईसी-मेडिकल हैदराबाद के साथ नाईपर पर हस्ताक्षर उद्घाटन

और अनुसंधान सहयोग को बढ़ावा देना है, जो विभिन्न क्षेत्रों में शैक्षणिक आदान-प्रदान, अनुसंधान और विकास गतिविधियों पर काम करने के लिए सहमत है। इसी तरह औद्योगिक सहयोग की दिशा में नाईपर हैदराबाद ने अंबे फाउण्डेस्ट्रीकट्स प्राइवेट लिमिटेड नई दिल्ली के साथ काम करने के लिए सहमति व्यक्त की है। वित्त पोषण संस्थान को परियोजना प्रस्ताव के रूप में नाईपर हैदराबाद ने कोविड-19 से संबंधित अनुसंधान परियोजना फंडिंग एजेंसियों से परीक्षण

विज्ञान, परीक्षण, रोगजनन, निदान और उपचार कार्यक्रम, संचार तैयारी, संभावित औषधीय हस्तक्षेप शामिल हैं। नाईपर हैदराबाद में कोविड-19 महामारी के दौरान सामाजिक गतिविधियों के रूप में पीएम सिटीडन अस्सिस्टेड एंड लीक इन इमर्जेंसी सिचुएशन फंड में दो लाख पचास हजार दिया गया। सामाजिक जागरूकता कार्यक्रम के तहत हमारे संकाय सदस्यों ने एनआईआईआर के छात्रों, शिक्षकों और कर्मचारियों को कोविड-19 के बारे में जागरूक किया।

प्रकाशना करके हिरायती को बचावा देना चाहिए : संतोष

हैदराबाद, 6 जुन (स्वतंत्र भारती)। नाईपर के हैदराबाद के अध्यक्ष प्राध्यापक डॉ. पंकज सिंह ने कहा कि राष्ट्रीय औद्योगिक शिक्षा एवं अनुसंधान संस्थान (नाईपर) हैदराबाद, औद्योगिक शिक्षा एवं अनुसंधान के क्षेत्र में राष्ट्रीय महत्व का संस्थान है, जो नाईपर के कोविड-19 अनुसंधान से जुड़ी गतिविधियों को बढ़ावा देना चाहिए। नाईपर हैदराबाद ने औद्योगिक अनुसंधान

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बड़े परिवर्तन लाएगी नई शिक्षा नीति : डॉ. शशिबाला

हैदराबाद, 7 अगस्त-(मिलाप ब्यूरो)। राष्ट्रीय औद्योगिक शिक्षा एवं अनुसंधान संस्थान (नाईपर), हैदराबाद की अध्यक्ष डॉ. शशिबाला सिंह ने कहा कि नई शिक्षा नीति-2020 (एनईपी) में परिवर्तनकारी सुधार और कोविड-19 महामारी के कारण नए चुनौतियां हैं, जो उच्च शिक्षा के क्षेत्र में समय की आवश्यकता है। उन्होंने कहा कि कोविड-19 महामारी के दौरान नाईपर हैदराबाद में अनुसंधान गतिविधियां जारी हैं। इसआईसी-मेडिकल हैदराबाद के साथ नाईपर पर हस्ताक्षर उद्घाटन

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NIPER working on nasal sprays, drugs to fight Covid

Syed Akhtar @timesgroup.com

Hyderabad: The city-based National Institute of Pharmaceutical Education and Research (NIPER) has joined the international race to develop new drugs and a vaccine for Covid-19. It has also taken up the task of repurposing drugs — approved by the Federal Drug Administration (FDA) of the US — for their use in the fight against the virus.



BATTLING THE VIRUS
7 departments of NIPER are involved in research on drugs and biological products including vaccines
Efforts made to develop new drugs to fight Covid-19 (complications on lungs pneumonia)
Research underway for nasal sprays to kill coronavirus
FOCUS POINTS
Designing new drug candidates using computer-aided drug design software
Research to propose new use or application of already existing drugs
Novel drug formulations and novel drug delivery systems

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Researchers at NIPER are also working with natural products to improve immunity to prevent microbial infections, including Covid-19. NIPER has signed an MoU with ESIC Medical College, Hyderabad, to carry out Covid-19 diagnosis testing and in-vitro antiviral screening for coronavirus research projects.

8 Aug, 2020 Page No. 2 Covid turns pharma courses into a lucrative career option

Hyderabad: With Covid-19 turning the entire world to its knees, pharmaceutical sciences is turning into a lucrative career option for students planning to pursue undergraduate courses from the academic year 2020-21.

Preet Biswas @timesgroup.com

Hyderabad: With Covid-19 turning the entire world to its knees, pharmaceutical sciences is turning into a lucrative career option for students planning to pursue undergraduate courses from the academic year 2020-21.

The fact that the city is termed as the pharma hub for the country only comes as an added advantage for many cell in National Institute of Pharmaceutical Education and Research (NIPER) Hyderabad.

offer anywhere between ₹30,000 and ₹60,000 to Pharm D graduates for positions such as clinical research analysts and duty medic officers. A large human resource is now required to tal up administrative jobs at hospitals for which on Pharm. D graduates are eligible," said K Ramdass, president of Telangana Pharmacy Colleges Management Association.

ప్రధానమంత్రి సహాయనిధికి విరాళం అందజేసే



మొక్కలు నాటుతున్న శశిబాలానింగ్ తదితరులు

బాలానగర్, జూలై 30 (ప్రభ న్యూస్): ప్రతిభక్తురూ బాధ్యతగా వె నాటాలని నైపర్ డైరెక్టర్ శశిబాలానింగ్ అన్నారు. గురువారం హరిత భాగంగా మొక్కలు నాటారు. ఈ సందర్భంగా మొక్కలు నాటడం దా మైన వారాహరణం ఏర్పడుతుందన్నారు. ప్రతిభక్తురూ మొక్కలు నాటే రక్షించే పటవృక్షాలుగా చేరులన్నారు. మొక్కలు నాటడం ద్వారా భా మంది సంపద అందించినవారమపురామన్నారు.



సమావేశంలో మాట్లాడుతున్న నభ్యులు

బాలానగర్, ఏప్రిల్ 15 (ప్రభ న్యూస్): కోవిడ్ - 19 నిర్మూలనకు తమ భాధ్యతగా బాలానగర్ సీషనల్ ఇన్స్టిట్యూట్ ఆఫ్ ఫార్మసీ నీటికల్ ఎడ్యుకేషన్ అండ్ రిసెర్చ్ వారు ప్రధాన మంత్రి సహాయనిధికి 2.5 లక్షల రూపాయల అందజేయున్నట్లు ఆ సంస్థ డైరెక్టర్ శశి బాలానగర్ తెలిపారు. ఈ సందర్భంగా ఆయన మాట్లాడు తూ ... ప్రపంచాన్ని వణికిస్తున్న మహమ్మారి కరోనా వ్యాధి వ్యాప్తిచెందకుండా కేంద్రా ప్రభుత్వాలు చేస్తున్న కృషికి, ప్రజల సహకారం కూడా అవసరమని అప్పడు పూర్తి స్థాయిలో కరోనా

'కరోనా' బేషధాల తయారీపై దృష్టి సారిచిన నైపర్

బాలానగర్, జూలై 30 : నైపర్ వద్ద మొక్కలు నాటడం ద్వారా భా మంది సంపద అందించినవారమపురామన్నారు.

ప్రధాన మంత్రి సహాయనిధికి 2.5 లక్షల రూపాయల అందజేయున్నట్లు ఆ సంస్థ డైరెక్టర్ శశి బాలానగర్ తెలిపారు. ఈ సందర్భంగా ఆయన మాట్లాడు తూ ... ప్రపంచాన్ని వణికిస్తున్న మహమ్మారి కరోనా వ్యాధి వ్యాప్తిచెందకుండా కేంద్రా ప్రభుత్వాలు చేస్తున్న కృషికి, ప్రజల సహకారం కూడా అవసరమని అప్పడు పూర్తి స్థాయిలో కరోనా

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The young and vibrant faculty & staff of NIPER-Hyd

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