

# International e-Conference on NATURAL & NOVEL PHARMACEUTICAL RESEARCH

Collaboratively Organised by

School of Pharmacy ARKA JAIN University, Jharkhand, India  
& Pharmacy Department, San Pedro College, Philippines



**ARKA JAIN  
University**  
Jharkhand (Jamshedpur)



## ON THE EVE OF NATIONAL PHARMACY WEEK 2021

### CHIEF GUESTS



**Mr. Sumant Kumar Tiwari**  
Asst Director (Drugs) at Jharkhand  
Drugs Control Directorate, RCH Campus,  
Namkum, Ranchi, Jharkhand, India.



**Dr. S. G. Deshpande**  
Former Principal, C.U Shah College of Pharmacy  
Ex-chairman, All India Board of Pharmacy Education.



**Revered Ranjit Barshikar**  
CEO- QbD International QbD/cGMP Consulting,  
United Nations Adviser, Geneva.



**Kaushik Desai**  
Secretary General, International Pharmaceutical  
Excipients Council of India (IPEC India).

### CHIEF PATRON

**Prof. Dr. S. S. Razi,**  
Vice Chancellor, ARKA JAIN  
University, Jharkhand, India

**Sr. Aida T. Frencilo, OP**  
President, San Pedro College,  
Philippines.

### CONVENER

**Dr. Jotirmaya Sahoo**  
Dean, School of Pharmacy, ARKA  
JAIN University, Jharkhand, India

**Dr. Erwin M. Faller**  
Director, Professor, Faculty of Pharmacy,  
San Pedro College, Philippines

### EVENT COORDINATOR

**Miss Khushboo Raj**  
Assistant Professor, School of Pharmacy,  
ARKA JAIN University, Jharkhand, India

### PATRON

**Assoc. Prof. Fatima May Tesoro**  
Dean, San Pedro College  
Philippines

**Mr. Amit Shrivastav**  
Director IQAC &  
Director of ARKA JAIN University,  
Jharkhand, India

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**Mr. Alok Kumar Moharana**  
Associate Professor, School of Pharmacy,  
ARKA JAIN University, Jharkhand, India

**Mr. Danielle Matuguinas**  
RPh, San Pedro College, Philippines

### EVENT CO-COORDINATOR

**Miss Yogita Kumari**  
Assistant Professor, School of Pharmacy,  
ARKA JAIN University, Jharkhand, India

### RESOURCE PERSONS



**Dr. (Mrs.) Krishnapriya Mohanraj**  
Professor of Pharmaceutical Analysis  
Bombay College of Pharmacy  
Kalina, Mumbai, India.  
**A Researcher's Insight to Natural &  
Novel Pharmaceutical Research**  
18th Nov, 2021



**Dr. Ajay Semalty**  
Dept. of Pharmaceutical Sciences,  
HNB Garhwal University (A Central University)  
Srinagar Garhwal, Uttarakhand, India  
**Improving Biopharmaceutical  
Properties of Synthetic and Herbal Drugs  
in Pharmaceutical Research**  
18th Nov, 2021



**Assoc. Prof. Fatima May R. Tesoro**  
Dean, Associate Professor, Pharmacy Department,  
San Pedro College, Philippines  
**Current Trends in Extraction and  
Screening Using Microwave Assisted Extraction  
& Microwave Assisted Digestion**  
18th Nov, 2021



**Mr. Saravana Kumar**  
Corporate QA Head Fourrts (India)  
Laboratories Pvt Ltd. Tamil Nadu, India  
**Modern Approach in  
Leveraging Herbal Medicines**  
18th Nov, 2021



**Mr. Ranjit Barshikar**  
CEO- QbD International QbD/cGMP Consulting,  
United Nations Adviser Geneva  
**Current Scenario / Future challenges**  
19th Nov, 2021



**Dr. Nagaraj Rao**  
Managing Director Rane Rao Reshamia Laboratories Pvt Ltd  
Navi Mumbai, India (MOU Partner)  
**Novelty in Vaccines Developed in India**  
19th Nov, 2021



**Dr. Mona Semalty**  
Co-Coordinator University SWAYAM Cell Asst. Prof.,  
Dept. of Pharmaceutical Sciences H.N.B. Garhwal  
(Central) University Srinagar (Garhwal) India  
**Herbal Hair Growth Promotion Research**  
19th Nov, 2021



**Assoc. Prof. Joseph Querequinia**  
Associate Prof. Faculty, Pharmacy Department,  
San Pedro College, Philippines  
**Pharmacognostic & hypoglycemic  
evaluation of Artocarpus odoratissimus  
Blanco (Moraceae) fruit**  
19th Nov, 2021



**Dr. Ajit Kumar Thakur**  
School of Pharmaceutical Sciences Delhi Pharmaceutical  
Sciences and Research University New Delhi, India  
**"Beneficial effects of Glycyrrhizin rich  
Glycyrrhiza glabra Linn. Extract on Learning &  
Memory in Stress-Triggered Rats"**  
19th Nov, 2021



**Prof. (Dr.) Vandana B. Patravale**  
Dept. of Pharmaceutical Sciences and Technology  
Institute of Chemical Technology Mumbai, Maharashtra, India  
**Nanotechnology in healthcare:  
From Bench side to bedside**  
20th Nov, 2021



**Dr. Erwin M. Faller**  
Prof., Faculty of Pharmacy San Pedro College,  
Philippines  
**A Novel Chitosan Loaded Bacteriophage as  
Antibacterial Gel Against Fusobacterium  
Ulcerans for the Treatment of Tropical  
Skin Ulcer** 20th Nov, 2021



**Dr. Amber Vyas**  
Asst. Prof. University Institute of Pharmacy Pandit  
Ravishankar Shukla University  
Raipur Chhattisgarh, India  
**Speaker Exploring Natural Products  
for Drug Discovery and Development**  
20th Nov, 2021

**18TH -20TH  
NOV 2021**

Submit abstract latest by  
**10TH NOVEMBER 2021**  
alok.m@arkajainuniversity.ac.in

### REGISTRATION DATE

**28TH OCT 2021- 7TH NOV 2021**  
**MR. ABHISHEK RANJAN**  
**M.No - 8083958869**

Participants will be provided with e-certificates



IN ASSOCIATION WITH  
MOU PARTNERS, IIIC AND  
IQAC OF ARKA JAIN  
UNIVERSITY, JHARKHAND

For More Details, visit: [www.arkajainuniversity.ac.in](http://www.arkajainuniversity.ac.in)

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Srinagar (Garhwal) India



**Joseph Querequincia**

Associate Prof. Faculty, Pharmacy Department,  
San Pedro College, Philippines



**Dr. Ajit Kumar Thakur**

School of Pharmaceutical Sciences Delhi  
Pharmaceutical  
Sciences and Research University New Delhi, India



**Prof. (Dr.) Vandana B. Patravale**

Dept. of Pharmaceutical Sciences & Technology  
Institute of Chemical Technology  
Mumbai, Maharashtra, India



**Dr. Erwin M. Faller**

Prof., Faculty of Pharmacy San Pedro College,  
Philippines



**Dr. Amber Vyas**

Asst. Prof. University Institute of Pharmacy Pandit  
Ravishankar Shukla University  
Raipur Chhattisgarh, India

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ARKA JAIN University, Jharkhand, India

## ORGANIZING COMMITTEE:

Dr. Shweta Srivastav, Dr. Babita Sarangi, Mr. Swagatam Sahoo, Miss Priyabati Choudhary, Miss Rashmi Tirkey, Mr. Sumanta Sen, Miss Ankita Moharana, Miss. Pratikshya Sarangi, Miss Tejaswini Mohanty, Mrs. Ipsita Swain, Mrs. Itimayee Swain, Mrs. Madhusmita Sahu, Mr. Asutosh Parida, Mr. Rashmi Ranjan Das, Mr. Dushmantha Mahanta, Miss Rajasmita Bhadra, Mr. Barun Mandal, Mr. Pradeep Mandal

## REVIEWERS' COMMITTEE

Prof. (Dr.) P. Sudhir Kumar

Pharmaceutical Chemistry, School of Pharmaceutical Sciences

Siksha 'O' Anusandhan Deemed to be University, Bhubaneswar, Odisha, India

Dr. Sagar Kumar Mishra

Pharmacognosy, Coordinator, University Department of Pharmaceutical Sciences, Utkal University, Vani vihar, Bhubaneswar, Odisha, India

Professor (Dr.) Dulal Krishna Tripathi

Pharmaceutics, Principal Rungta College of Pharmaceutical Sciences & Research, Bhilai, Chhattisgarh

## ADVISORY COMMITTEE

**Mr. Jasbir Singh Dhanjal**, Registrar, ARKA JAIN University, Jharkhand

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**Mr. S.V.Veerramani**, Chairman & Managing Director FOURRTS (INDIA) Laboratories Pvt Limited (MOU Partner), Tamil Nadu, India

**Dr. Bikash Kumar Nayak** Senior General Manager Operations, Aurobindo Pharma Limited, Visakhapatnam, India

**Prof. Rabindra Nath Padhy** PhD, Post Doc (ICP, Brussels, Belgium), MNAMS (Member, National Academy of Medical Sciences, INDIA) Research Prof. Central Research Laboratory, Institute of Medical Sciences & SUM Hospital, Siksha 'O' Anusandhan Deemed to be University, Bhubaneswar, Odisha, India

**Dr. Chitaranjan Sahoo** ICMR-Senior Research Fellow IMS & SUM Hospital Siksha 'O' Anusandhan Deemed to be University Bhubaneswar, Odisha, India

**Dr. Shakti Ketan Prusty** School of Pharmaceutical Sciences (Faculty of Pharmaceutical Sciences) Siksha 'O' Anusandhan Deemed to be University Bhubaneswar, Odisha, India

**Mr. Ajaykumar C Singh** Q A Officer, Luna chemicals Industries Pvt Ltd, A Greenfield project of RLG Group of Industries Baroda

**Mr. Arvind Kumar Pandey**, Head Department of CSIT, ARKA JAIN University, Jharkhand, India

**Mr. Ashwini Kumar**, Asst. Dean, Department of Engineering, ARKA JAIN University, Jharkhand, India

**Dr. Arunava Narayan Mukherjee**, Dean, SCOM, ARKA JAIN University, Jharkhand, India

**Dr. Bodhisatva Acharya**, Dean, School of Law, ARKA JAIN University, Jharkhand, India

**Dr. Sonia Riyat**, School of Research, ARKA JAIN University, Jharkhand, India

**Ms. Rajkumari Ghosh**, Department of English, School of Humanities, ARKA JAIN University, Jharkhand, India

**Dr. Manoj Kumar Pathak**, Dept. of English, School of Humanities, ARKA JAIN University, Jharkhand, India

**Dr. Rahul Amin**, Department of Journalism & Mass Communication, ARKA JAIN University, Jharkhand, India

**Ms. Usha Kiran Barla**, Fashion Design, School of Humanities, ARKA JAIN University, Jharkhand

## STUDENT COMMITTEE

Miss Ishika Choudhary, Miss Ragghee Bhattacharya, Mr. A M Shobhit, Miss Jaya Sharma,

Miss Bidisha Satpathy, Mr. Akash Deep, Mr. Subanshu Dutta, Mr. Sumant Thakur, Miss Shristi Shreya.

## REGISTRATION:

Miss Yogita Kumari, Mobile 9878506448, E-mail: [yogita.k@arkajainuniversity.ac.in](mailto:yogita.k@arkajainuniversity.ac.in)

Link for registration (Free Registration) Last date of registration: 10th November 2021

## FEEDBACK:

Miss Khushboo Raj, Mobile 8447119864, E-mail: [khushboo.r@arkajainuniversity.ac.in](mailto:khushboo.r@arkajainuniversity.ac.in)

## IT-MANAGEMENT:

Mr. Umesh Tiwari Mr. Abhishek Ranjan, Phone 8083958869, E-mail: [abhishek.chotu.ranjan@gmail.com](mailto:abhishek.chotu.ranjan@gmail.com)

## DESIGN AND PROMOTION: Mr. Gourango

## LAST DATE OF ABSTRACT SUBMISSION: 10th November 2021

Mr. Alok Kumar Moharana, Phone 8917451102, E-mail [alok.m@arkajainuniversity.ac.in](mailto:alok.m@arkajainuniversity.ac.in)



## AWARDS AND CERTIFICATES

- Best Poster Presentation awards & e-certificates for each participant
- Selected Review/Research full-length article/Abstract (250 words) will be published as conference proceedings.

## OBJECTIVE

The inclusion of emerging diseases has become more difficult in recent years due to the failure of many scientifically established drugs to combat causatives against which they were previously highly effective, and also because those causatives do not respond to a single drug but also to a combination. Several factors such as global climate change, change in lifestyle, and numerous unknown factors contribute to the outbreak of emerging illnesses, posing a substantial clinical management challenge on a global scale. Nowadays, Pharmaceutical Research is devoted to developing innovative therapeutic molecules from natural and synthetic sources, as well as unique ways for resolving clinical challenges. It is crucial that everyone wakes up and works together. It is not just the responsibility of specialists in medicine or pharmaceutical sciences to overcome such clinical crises; it is also the obligation of professionals in engineering, biotechnology, bioinformatics, management science, and information technology, among others. The recent progression of Machine Learning and Artificial Intelligence are important components of Pharmaceutical Research in the current research environment. This worldwide E-conference is focused on bringing together scholars from many fields ("natural to new") in order to share their skills for the benefit of the community.

## ABOUT

ARKA JAIN University, the 1st Private University of Kolhan Region, Jharkhand, India established by the JHARKHAND, recognized by UGC is an example of excellence. The University situated 13 kms from steel city, Jamshedpur at Gamharia offers multidisciplinary programs designed in a way to shape the brilliant minds of today into socially-conscious managers, leaders and entrepreneurs of tomorrow. The use of highest-quality research-led teaching and learning methods helps students evolve and be ready for the requirements of the industry because we believe – You're one of a kind, So are WE. The University has six Schools and thirty departments. The School of Pharmacy is approved by Pharmacy Council of India, New Delhi and affiliated to ARKA JAIN University, Jharkhand. Both Undergraduate and diploma courses in pharmacy is running by the School. The School looks forward in developing a disease free Nation by initiating an integrative module of academics and research.

San Pedro College is a private Catholic research and coeducational basic and higher education institution run by the Dominican Sisters of the Trinity in Davao City, Davao del Sur, Philippines. It was founded in 1956. The college also administers one satellite Basic Education Campus at Ulas, Davao City. Of its seven undergraduate colleges, five offer degrees in the health sciences and also offers doctorate programs, master program in nursing, and arts.

## CALL FOR PAPERS

The Conference invites broad range of topics relating to Natural and Novel Research relating to health science but not limited to Pharmaceutical Sector.

### AUTHORS INSTRUCTION

Abstract should be of maximum 250 words.

Title of the Abstract/Review Paper/Research Article should be of maximum 30 words.

Each Abstract/Review Paper/Research Article should be maximum contributed by 5 authors.

Authors are instructed to submit their manuscripts as per the instruction for authors of the journal INDIAN PHARMACEUTICAL EDUCATION AND RESEARCH and should be passed in plagiarism analysis and similarity index should be less than 20%.

The reviewers committee reserves all the rights for the scrutiny of manuscripts.

Manuscripts must be submitted to the E-mail [alok.m@arkajainuniversity.ac.in](mailto:alok.m@arkajainuniversity.ac.in) before 10th November 2021.

All the selected Abstract/Review Paper/Research Article will be published as Conference Proceedings and copy will be provided to authors.

Template for Abstract/Poster Presentation/Oral Presentation is available Mr Alok Kumar Moharana, Phone 891 7451 102, E-mail [alok.m@arkajainuniversity.ac.in](mailto:alok.m@arkajainuniversity.ac.in)



# EMINENT RESOURCE PERSONS

INAUGURAL SESSION					
Welcome Address by Dr. Manoj Pathak, Asst. Professor, School of Pharmacy ARKA JAIN University, Jharkhand, India					9:20-9:30 am
Saraswati Vandana & Spiritual Lamp lighting					9:30-9:35 am
A condolences Meeting for 1 minute in the demise of Dr. Balkishen Razadan, Birla Institute of Technology, Mesra, Ranchi, India ad SBSPIBSR, Balawala, Dehradun					9:35-9:36 am
Address by Hon. VC Dr. S.S. Razi of ARKA JAIN University, Jharkhand, India					9:40-9:45 am
Address by Hon. President Sr. Aida T. Frencilo, OP of San Pedro College, Philippines					9:45-9:50 am
Address by Prof. Fatima May Tesoro, Dean of San Pedro College Philippines					9:55-10:10 am
Address by Prof. (Dr.) Jyotirmaya Sahoo, Dean of School of Pharmacy ARKA JAIN University, Jharkhand, India					10:15-10:25 am
Address by Mr. Sumant Kumar Tiwari (Chief Guest ) Asst Director ( Drugs ) at Jharkhand Drugs Control Directorate, RCH Campus, Namkum, Ranchi, Jharkhand, India					10:30-10:40 am
Address by Dr. S. G. Deshpande (Guest of Honor) Former Principal, C.U Shah College of Pharmacy Ex-chairman, All India Board of Pharmacy Education					10:45-11:00 am
PLENARY SESSION					
Sl. No.	Name	Affiliation		Topic Title	Time
18th Nov 2021					
1	Dr. (Mrs.) Krishnapriya Mohanraj	Prof. of Pharmaceutical Analysis Bombay College of Pharmacy Kalina, Mumbai	Keynote speaker	A Researcher's insight to Natural & Novel Pharmaceutical Research	11:05 am-11:50 am 45 min
2	Dr. Ajay Semalty	Dept. of Pharmaceutical Sciences, HNB Garhwal University (A Central University) Srinagar Garhwal, Uttarakhand, India	Speaker	Improving Biopharmaceutical Properties of Synthetic and Herbal Drugs in Pharmaceutical Research	11:55-12:40 pm 45 min
3	Prof Fatima May R. Tesoro	Dean, Pharmacy Department, San Pedro College, Philippines	Speaker	Current Trends in Extraction & Screening using Microwave Assisted Extraction & Microwave Assisted Acid Digestion	12:45 - 1:30 pm 45 min
4	Mr. Saravana Kumar	Corporate QA Head Fourrts (India) Laboratories Pvt Ltd. Tamil Nadu. India	Speaker	Modern Approach in Leveraging Herbal Medicines	1:35-2:20 pm 45 min
<b>Vote of thanks &amp; National anthem</b>					
<b>Lunch Break 2:25 -3:15 pm</b>					
<b>Scientific Session (Oral and Poster Presentation) 3:15 pm-4:15 pm</b>					

**19th Nov 2021 Chairing of Session:**

**Plenary Session**

6	Revered Ranjit Barshikar (Chief Guest & Speaker)	CEO- QbD International QbD/cGMP Consulting, United Nations Adviser Geneva	Speaker	Current Scenario / Future challenges	10:15-11:00 am 45 min
7	Dr. Nagaraj Rao	Managing Director Rane Rao Reshamia Laboratories Pvt Ltd Navi Mumbai, India (MOU Partner)	Speaker	Novelty in Vaccines Developed in India	11:05-11:50 am 45 min
8	Dr. Mona Semalty	Co-Coordinator University SWAYAM Cell Assistant Professor, Department of Pharmaceutical Sciences H.N.B. Garhwal (Central) University Srinagar (Garhwal)- 246174,	Speaker	Herbal Hair Growth Promotion Research	11:55 am-12:40 pm 45 min
9	Prof. Joseph Querequincia	Asst. Prof. Faculty, Pharmacy Dept., San Pedro College, Philippines	Speaker	Pharmacognostic & hypoglycemic evaluation of Artocarpus odoratissimus Blanco (Moraceae) fruit	12:45-1:30 pm 45 min
10	Dr. Ajit Kumar Thakur	School of Pharmaceutical Sciences Delhi Pharmaceutical Sciences & Research University New Delhi, India	Speaker	"Beneficial effects of Glycyrrhizin rich Glycyrrhiza glabra Linn. Extract on Learning & Memory in Stress-Triggered Rats"	1:35-2:20 pm 45 min

**Vote of thanks & National anthem**

**Lunch Break 2:35 -3:15 pm**

**Scientific Session (Oral and Poster Presentation) 3:15 pm-4:15 pm**

**20th Nov 2021**

**Address by Kaushik Desai (Chief Guest) Secretary General, International Pharmaceutical Excipients Council of India (IPEC India) 10:15-10:25 am**

**Plenary Session**

11	Prof. Dr. (Mrs.) Vandana B. Patravale	Dept. of Pharmaceutical Sciences & Technology Institute of Chemical Technology Mumbai, Maharashtra, India	Speaker	Nanotechnology in healthcare: From Bench side to bedside	10:30 -11:15 am 45 min
12	Dr. Erwin M. Faller	Professor, Faculty of Pharmacy San Pedro College, Philippines	Speaker	A Novel Chitosan Loaded Bacteriophage as Antibacterial Gel Against Fusobacterium ulcerans for the Treatment of Tropical Skin Ulcer	11:20am-12:05 pm 45 min
13	Dr. Amber Vyas	Assistant Professor University Institute of Pharmacy Pandit Ravishankar Shukla University Raipur Chhattisgarh, India	Speaker	Exploring Natural Products for Drug Discovery & Development	12:10 -12:55 pm 45 min

**Valedictory of E-Int. Conf.**

**Vote of thanks & National anthem**

**Scientific Session (Oral and Poster Presentation) 3:00 pm-4:15 pm**