



DEPARTMENT SCHOOL OF PHARMACY CIRCULAR

No: AJU/SOHAS/55/24

Date 04.04.2024

It is hereby notified that School of Pharmacy will organize an International Conference on Emerging Trends in Drug Discovery and Drug Designing (ETDD) from 18th-20th July 2024 in association with MoU partners. Detail rules available with brochure on University website.

School of Pharmacy
ARKA JAIN University Jharkhand

Dean
School of Pharmacy
Copy to

Vice-Chancellor
Office of the Registrar
IQAC
Event Coordinator
Head of the Departments Deans
Website In-charge
Office file
Student Whatsapp group

**INTERNATIONAL CONFERENCE
ON
" EMERGING TRENDS IN DRUG DISCOVERY AND DESIGNING (ETDDD)"**

Date of Event	18/7/2024 - 20/7/2024
Name of the Event	INTERNATIONAL CONFERENCE " EMERGING TRENDS IN DRUG DISCOVERY AND DESIGNING (ETDDD)"
Type of the Event	Technical Collaborative/ Skill development Program
Conducted by	Organized by School Of Pharmacy, ARKA JAIN University, Jharkhand, India in collaboration with School of Allied Health Sciences, Pharmacy department, San Pedro College & AMYA Polytechnic college Philippines, MITCOP, Uttar Pradesh, MOU Partners; IQAC, IIC and RDC of AJU
No. Of Participant	127 average attendance

OBJECTIVE: The objective of conducting the International Conference is to bring together experts, researchers, and students from various institutions to share and discuss the latest advancements and innovations in the field of drug discovery and design.

DETAILS: From July 18th-20th, 2024, the School of Pharmacy at ARKA JAIN University, in collaboration with the School of Allied Health, Pharmacy Department, San Pedro College & Amya Polytechnic College in the Philippines, MTCOP in Uttar Pradesh, MOU partners, IQA cell, Industry Institute Interaction Cell and Research Development Cell of ARKA JAIN University, organized the International Conference 2024 on Emerging Trends in Drug Discovery and Designing (ETDDD) on blended mode. The event was spread over three days, with Day 1 dedicated to the inaugural session and addresses by dignitaries and MOU partners. Day 2 featured a series of talks by eminent resource persons followed by a scientific session comprising oral presentations. Day 3 included further talks by resource persons, the declaration of scientific session results, and concluded with cultural performance followed by delicious lunch.

Day 1: Inaugural Session

The first day commenced with the registration of the participants and the distribution of registration kits by the registration committee of the School of Pharmacy. The formal session began at 9:20 AM with a welcome note by Dr. Manoj Pathak, Assistant Professor at ARKA JAIN University. This was followed by a lamp lighting ceremony, Ganesh Vandana dance, and the official e-unveiling of the international conference proceedings alongside a video session showcasing ARKA JAIN University campus highlights. The welcome address was delivered by Prof. Dr. Arvind Pandey, IQAC Director. Subsequent addresses were given by Prof. Dr. S.S. Razi, Chairman Board of Management at ARKA JAIN University, and Dr. Angad Tiwari, DSW of the University. The Chief Guest, Professor (Dr.) R.S. Thakur, Former Secretary of the Pharmacy Council of India, New Delhi, was welcomed with a bouquet, shawl, and memento.

Day 1 Esteemed guests included:

- Hon. President of San Pedro College, Philippines, Sr. Aida T. Frencilo, OP,
- Prof. Dr. Erwin M. Faller, Holy Child Central College, Philippines,
- Hon. School President of AMYA Polytechnic College, Philippines, Mary Ann Concepcion C, Pia, RN, MAN
- Prof. Fatima May Tesoro, Dean of San Pedro College, Philippines
- Prof. (Dr.) Nalini Kanta Sahoo, MIT College of Pharmacy, Uttar Pradesh, India
- Prof. (Dr.) Prithwiraj Mohapatra, Jeypore College of Pharmacy, Odisha, India
- Dr. Priyambada Kshirodanandini Sarangi, Holy Grace Academy, Kerala, India
- Prof. Jacqueline Padila, San Pedro College, Philippines ,
- Francis Garbina, AMYA Polytechnic College, Philippines,
- Prof. (Dr.) Vijay Kumar Singh, Shri Rawatpura Sarkar University, Raipur, Chattisgarh, IndiaProf.
- (Dr.) Jyotirmaya Sahoo, Dean of School of Pharmacy, ARKA JAIN University, Jharkhand, India,
- Mr. Jai Ganesh, Hibrow Healthcare Private Limited, Tamil Nadu, India,
- Professor (Dr.) Dulal Krishna Tripathi, Former Dean, Faculty & Chairman BOS, Chhattisgarh Swami Vivekananda Technical University, India,
- Mr. Dharmendra Singh, EC Member, Pharmacy Council of India.

All the above esteemed guest congratulated the department and wished for grant success of the 3 days conference and also explained the importance of attending such conferences in enhancing the skills as well as networking with the experts.

Lastly, Day 1 session concluded with a vote of thanks by Mr. Sumanata Sen, Associate Professor, ARKA Jain University, followed by the National Anthem

Day 2: Talk and Scientific Sessions

The second day began with a talk session by:

- Prof. (Dr.) R.S. Thakur on "Conceptual Approaches in Drug Discovery and Development".
- Mr. Thirumaran Muthurilappan, Sr. Manager, Research & Development at Fourrts (India) Laboratories Pvt Limited on "Drug Repurposing and Repositioning".
- Dr. Nagaraj Rao, Managing Director at Rane Rao Reshamia Laboratories Pvt Ltd, Navi Mumbai, India on "Role of mRNA in Today's Drug Discovery Scenario".
- Dr. S. Sreenivas Patro, Faculty of Pharmacy and Health Sciences, Royal College of Medicine Perak, University Kuala Lumpur on "Engineering Drug Delivery Systems: The Role of Electrospun Nanofibers".
- Professor (Dr.) P. Sudhir Kumar, School of Pharmaceutical Sciences, Siksha 'O' Anusandhan University, Bhubaneswar on "Synthetic Strategies on Phytochemicals Derived Small Molecules and their Biological Significance".
- Prof. (Dr.) Amiyakanta Mishra, Principal at College of Pharmaceutical Sciences, Puri Odisha on "3D Printing an Emerging Technique for Dosage Form Design"

All the sessions by the experts were highly informative, and the participants gained a great deal of knowledge from them. Each session concluded with a question-and-answer round or a doubt-clearing segment to address any queries the participants had.

After the talks, participants were guided for a lunch break, followed by the scientific session featuring oral presentations. The judge for the session was Professor (Dr.) P. Sudhir Kumar.

Day 3: Final Sessions and Valedictory

Day 3 started with the welcoming of Dr. Chita Ranjan Sahoo, ICMR-Centenary Post Doctorate Fellow, Ministry of Health and Family Welfare, Government of India, who gave a talk on "Recent Therapeutic Approaches for Infectious Disease."

Additional talks included:

- Mr. Jayrald P. Basan, RPh, Pharmacy Faculty, AMYA Polytechnic College, Philippines on "Integrating Traditional and Modern Approaches in Drug Discovery: from in-vitro Pharmacology of Plant Extracts to in-silico Innovations"
- Dr. Chhanda Charan Danta, Associate Research Scientist, Department of Pharmacology, School of Medicine, Yale University, USA on "Extracellular Protein Degradation: A Potential Approach for New Drug Discovery in the Treatment of Anthrax Infection"
- Dr. Bikash Nayak, General Manager-Operations, Aurobindo Pharma Limited, Visakhapatnam on "Advanced Technology in Pharmaceutical Manufacturing"
- Dr. Shasank Sekhar Swain, Young Scientist, DBT-Institute of Life Science, Bhubaneswar on "Advancements in Therapeutic Candidate Selection Using Computer-Aided Drug Design Platform".

Each session by the experts were highly informative, and the participants gained a great deal of knowledge from them. Each session concluded with a question-and-answer round or a doubt-clearing segment to address any queries the participants had. The valedictory ceremony included cultural performances, a dance, and a ramp walk by students of the School of Pharmacy.

The prize winners of the oral presentations were announced:

- Ms. Shweta Mishra, Dr. D.Y. Patil Institute of Pharmaceutical Sciences & Research (1st place)
- Mr. Chirag Agarwal, ARKA Jain University (2nd place)
- Ms. Manasi Khadanga, Jeypore College of Pharmacy (3rd place)

Participants received certificates, and the conference concluded successfully under the supervision of **Dr. Jyotirmaya Sahoo, Dean of the School of Health and Allied Sciences**. The event was anchored by Sristi Shreya and Prabjott Kaur, B.Pharm students of the School of Pharmacy. The vote of thanks was delivered by Mr. Sumanta Sen, Associate Professor at ARKA JAIN University, and the conference ended with the National Anthem.

OUTCOMES: Participants gained insights into the latest advancements and innovative approaches in drug discovery and design through various talk sessions and presentations. The conference facilitated knowledge exchange and inspired new research directions, contributing to the advancement of pharmaceutical sciences. Additionally, the recognition of outstanding research

through awards and the dissemination of conference proceedings provided a platform for future developments and potential partnerships in the field.

POSTER OF THE EVENT


ARKA JAIN University
Jharkhand


NAAC GRADE A
ACCREDITED UNIVERSITY


Outlook ICARE RANKING 2023

RANKED 3RD
IN "TOP-15 EMERGING PRIVATE UNIVERSITIES IN INDIA" CATEGORY





SCHOOL OF PHARMACY, ARKA JAIN UNIVERSITY, JHARKHAND, INDIA
In collaboration with
SCHOOL OF ALLIED HEALTH, PHARMACY DEPARTMENT, SAN PEDRO COLLEGE &
AMYA POLYTECHNIC COLLEGE PHILIPPINES, MITCOP, UTTAR PRADESH, MOU PARTNERS, IQA CELL,
INDUSTRY INSTITUTE INTERACTION CELL & RESEARCH DEVELOPMENT CELL OF AJU

INTERNATIONAL CONFERENCE - 2024 (BLENDED MODE)

"Emerging Trends in Drug Discovery & Designing (ETDDD)"

DATE: 18th - 20th July, 2024 | TIME: 09:20 AM Onwards | Venue: ARKA JAIN University

	CHIEF GUEST	CHIEF GUEST	CHIEF SPEAKER	GUEST OF HONOUR	CHIEF PATRON	CHIEF PATRON	CHIEF PATRON	PATRON	PATRON
	 Prof. (Dr.) Dulal Krishna Tripathi Former Dean of the Faculty & Chairman BOS, Chhattisgarh Swami Vivekanand Technical University, India	 Prof. (Dr.) R. S. Thakur Former Secretary, Pharmacy Council of India, New Delhi	 Mr. Dharmendra Singh EC Member, Pharmacy Council of India, New Delhi	 Mr. Jai Ganesh Hibrow Healthcare Pvt. Ltd., Thiruvendur Village, Kancheepuram Tamil Nadu, India (MOU Partner)	 Prof. (Dr.) Easwaran Iyer Vice Chancellor, ARKA JAIN University, Jharkhand, India	 Sr. Aida T. Frencilo OP, President, San Pedro College, Philippines (MOU Partner)	 Mary Ann Concepcion C. Pio, RN, MAN, School President, AMYA Polytechnic College, Philippines (MOU Partner)	 Dr. Amit Kumar Shrivastav Registrar, ARKA JAIN University, Jharkhand, India	 Fatima May Tesoro Dean, San Pedro College, Philippines (MOU Partner)
CONVENER	 Prof. (Dr.) Jyotirmaya Sahoo Dean, School of Pharmacy, ARKA JAIN University, Jharkhand, India	 Prof. (Dr.) Nalini Kanta Sahoo Director, MIT College of Pharmacy (MITCOP), Uttar Pradesh, India (MOU Partner)	 Prof. (Dr.) Prithwiraj Mahapatra Principal, Jaypee College of Pharmacy, Odisha, India (MOU Partner)	 Dr. Priyambada Sarangi Director, Holy Grace Academy, Thrissur, Kerala, India (MOU Partner)	 Prof. Jacqueline Padilla Dean, San Pedro College, Philippines (MOU Partner)	 Prof. (Dr.) Erwin M. Faller Director of Pharmacy Department, San Pedro College, Philippines (MOU Partner)	 Francis Garbino Program Chair, AMYA Polytechnic College, Philippines (MOU Partner)	 Prof. (Dr.) Vijay Kumar Singh Principal, Shri Rawatpura Sarkar University Raipur, Chhattisgarh, India (MOU Partner)	
	 Prof. (Dr.) R. S. Thakur Former Secretary, Pharmacy Council of India, New Delhi	 Dr. Nagaraj Rao Managing Director, Rane Rao Reshamia Laboratories Pvt. Ltd., Navi Mumbai, India (MOU Partner)	 Mr. Thirumaran Muthuveluppan R&D Manager, Fourt's India Laboratories Pvt. Ltd., Tamil Nadu, India (MOU Partner)	 Dr. S. Sreenivas Patra Faculty of Pharmacy and Health Sciences, Royal College of Medicine Perak, Universiti Kuala Lumpur	 Prof. (Dr.) P. Sudhir Kumar School of Pharmaceutical Sciences, Siksha "O" Anusandhan University, Bhubaneswar (MOU Partner)	 Dr. Chitra Ranjan Sahoo ICMR-Centenary Post Doctorate Fellow, Department of Health Research, Ministry of Health and Family Welfare, Government of India	 Mr. Jayrall P. Basan Rph Pharmacy Faculty, AMYA Polytechnic College, Inc (MOU Partner)	 Dr. Chhanda Charan Danta Associate Research Scientist, Dept. of Pharmacology, School of Medicine, Yale University New Haven, Connecticut, United States	 Dr. Bikash Nayak General Manager-Operations, Aurabinda Pharma Limited, Unit XV, Visakhapatnam

MOU Partners




Scan for Registration

A Technical Collaborative Research and Skill Development Program
 Fully engaged sessions of Scientific Presentations, talks by eminent resource persons and cultural activities by the students

Registration contact details : @7008667244
 asutosha.p@arkajainuniversity.ac.in

BROCHURE OF THE EVENT



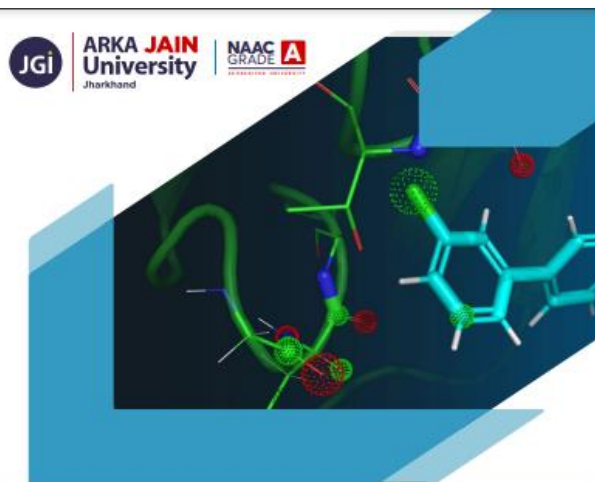
MOU Partners



Website : www.arkajainuniversity.ac.in

Admission Office : D-28, Danish Arcade, Opposite Asian Inn Hotel, Dhatkidi, Jamshedpur - 831001

Campus Address : Opp. Kerala Public School, Mohanpur, Gamharla, District Seraikela Kharsawan, Jharkhand - 832108



INTERNATIONAL CONFERENCE

"EMERGING TRENDS IN DRUG DISCOVERY & DESIGNING (ETDDD)"

18TH -20TH JULY 2024

SCHOOL OF PHARMACY
ARKA JAIN UNIVERSITY, JHARKHAND, INDIA

In Collaboration with

SCHOOL OF ALLIED HEALTH, PHARMACY DEPARTMENT,
SAN PEDRO COLLEGE, AMYA POLYTECHNIC COLLEGE PHILIPPINES,
MITCOP, UTTAR PRADESH, MOU PARTNERS, IQA CELL,
INDUSTRY INSTITUTE INTERACTION CELL & RESEARCH
DEVELOPMENT CELL OF AJU

CHIEF GUEST:

Professor (Dr.) Dulal Krishna Tripathi
(M. Pharm, Ph. D.), Former Dean of the Faculty & Chairman BOS, Chhattisgarh Swami Vivekanand Technical University, India.

Prof (Dr.) R. S. Thakur
Former Secretary, Pharmacy Council of India, New Delhi

CHIEF SPEAKER

Mr. Dharmendra Singh
EC Member Pharmacy Council of India

GUEST OF HONOR

Mr. Jai Ganesh
General Manager, HR
Hibrow Healthcare Private Limited, Kanchepuram, Tamil Nadu, India.

CHIEF PATRON

Prof. (Dr.) Easwaran Iyer
Vice Chancellor, ARKA JAIN University, Jharkhand, India

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

Mary Ann Concepcion C. Pia
RN, MAN, AMYA Polytechnic College, Philippines.

PATRON:

Dr. Amit Kumar Shrivastav
Registrar, ARKA JAIN University, Jharkhand, India

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

CONVENER:

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

Prof. (Dr.) Nalini Kanta Sahoo
Director, MIT College of Pharmacy (MITCOP), Uttar Pradesh, India (MOU Partner)

Prof (Dr) Prithwiraj Mohapatra
Principal, Jeypore College of Pharmacy, Odisha, India (MOU Partner)

Dr Priyambada Kshirodandini Sarangi
Director, Holy Grace Academy of Pharmacy, Kerala, India (MOU Partner)

Prof. Jacqueline Padilla
Dean, San Pedro College, Philippines, (MOU Partner)

Francis Garbino
Pharmacy Program Chair, AMYA Polytechnic College, Philippines (MOU Partner)

Prof. (Dr) Vijay Kumar Singh
Principal, Shri Rawatpura Sarkar University, Raipur, Chhattisgarh, India (MOU Partner)

LOCAL ORGANIZING COMMITTEE

Mr. Alok Kumar Maharana, Mr. Sumanta Sen, Dr. Shweta Srivastav, Mr. Sarthak Singh, Ms Snigdha Rani Behera and Mr. Vikash Dash
School of Pharmacy, ARKA JAIN University, Jharkhand.

EVENT CO-ORDINATOR:

Miss Purnima Mahato and Miss Rashmi Tirkey
Assistant Professor, School of Pharmacy, ARKA JAIN University, Jharkhand.

ORGANIZING COMMITTEE:

Miss Priyabati Choudhary | Mr Sarbojeet Goswami | Miss Mansi Singh | Atal Bihari Singh | Miss Sarmili Sahoo | Mr. Gowri Sankar Chintapalli | Mr. Asutosha Parida | Mr. Rashmi Ranjan Das | Mr. Dushmantha Mahanta | Mr. Barun Mandal | Mr. Pradeep Mandal.

REVIEWERS' COMMITTEE

Prof. (Dr.) P. Sudhir Kumar
School of Pharmaceutical Sciences, Siksha 'O' Anusandhan Deemed to be University, Bhubaneswar, Odisha, India

Mr. Sarbojeet Goswami, Mr. Alok Kumar Moharana, Mr. Sumanta Sen,
Dr. Shweta Srivastav, Ms Snigdha Rani Behera & Mr. Vikash Dash, Dr. Pratima Srivastav,
Dr. Santosh Kumar Singh, Dr. Jyoti Khurana of ARKA JAIN University

ADVISORY COMMITTEE

Prof. (Dr.) S. S. Razi, Chairman, BOM, ARKA JAIN University, Jharkhand, India
Dr. Angad Tiwari, Dean, Student Welfare, ARKA JAIN University, Jharkhand
Dr. Arvind Kumar Pandey, Director, IQAC, ARKA JAIN University, Jharkhand, India
Dr. Jasbir Singh Dhanjal, Joint Registrar, ARKA JAIN University, Jharkhand, India
Dr. Ashwini Kumar, Asst. Dean, School of Engineering and IT, ARKA JAIN University, Jharkhand, India
Mr. S. V. Veeramani, Chairman & Managing Director, FOURRTS (INDIA) Laboratories Pvt Limited (MOU Partner), Tamil Nadu, India
Dr. Sonia Riyat, School of Research, ARKA JAIN University, Jharkhand, India
Dr. Rajkumari Ghosh, Department of English, School of Humanities, ARKA JAIN University, Jharkhand, India
Dr. Rahul Amin, Head Department of Journalism & Mass Communication, ARKA JAIN University, Jharkhand, India

STUDENT COMMITTEE

Miss Srishti Shreya | Miss Anjali Sahu | Mr. Rana Paul | Mr. Sumant Thakur |
Miss Sania Manzer | Miss Diya Das | Miss Sofia Parween | Miss Shanower Perween |
Mr. Manzar Rahman | Mr. Sourish Nanda | Miss Megha Joshi | Miss Priyanshi Pandey |
Ashutosh Ranjan | Akriti Sinha | Ms. Isha Sharma

REGISTRATION:

Mr. Asutosh Parida, Mobile 7008667244, E-mail: asutosh.p@arkajainuniversity.ac.in

DELEGATES	INDIAN	FOREIGN
Faculty	Rs. 1000/-	USD 12.5
Research Scholars	Rs. 800/-	USD 9.62
Student	Rs. 500/-	USD 6.25

LINK FOR REGISTRATION

<https://docs.google.com/forms/d/e/1FAIpQLSfqqu7HPOKcHd9Y1WLxoAG0guZofyMqPGATx69DRmv1okSNA/viewform>

LAST DATE OF REGISTRATION : 10th July 2024

FEEDBACK:

Miss Nahid Akhtar, Mobile 6207986242, E-mail: nahid.a@arkajainuniversity.ac.in

IT-MANAGEMENT:

Mr. Umesh Tiwari, Mr. Kashinath Mahato, E-mail: kashinath.m@arkajainuniversity.ac.in
Mr. Pravas Ranjan Dash, E-mail: pravasranjan.d@arkajainuniversity.ac.in

DESIGN AND PROMOTION

Mr. Sanjay Mahato

LAST DATE OF SUBMISSION OF ABSTRACT FOR ORAL PRESENTATION & FULL LENGTH ARTICLE:

10th July 2024

Mr. Alok Kumar Moharana, Phone 8917451102, E-mail alok.m@arkajainuniversity.ac.in

AWARDS AND CERTIFICATES

| Best Presentation awards for top three winners, e-certificates for each participant
| Selected Review/Research full-length articles will be published in conference proceedings.

OBJECTIVE OF CONFERENCE

The objective of the conference on EMERGING TRENDS IN DRUG DISCOVERY & DESIGNING is to improve the drug design for the inventive process of finding new medications based on the knowledge of a biological target. In the most basic sense,

drug design involves the design of molecules that are complementary in shape and charge to the molecular target with which they interact and bind. Recent statistical machine learning methods applied for structural and chemical data analysis had been elaborated in current drug design field. To delve into the innovations in pharmaceutical research, to explore the common breakthroughs and the development in drug discovery the cutting-edge technologies and approaches should explore the Artificial Intelligence and Data Analytics, Patient-Focused Trials, Assay Development, Advanced Manufacturing etc.

ABOUT ARKA JAIN UNIVERSITY

ARKA JAIN University is one of the leading Universities in the East India Region and the first private University in the entire Kolhan Region, recognized by UGC. The University was established by the JHARKHAND State Legislature under "The ARKA JAIN University Act" in the year 2017 and now accredited with Grade A from NAAC. 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.

VISION OF ARKA JAIN UNIVERSITY

To Develop Human Capital by creating spirited learning environment by empowering the students with knowledge, skills and instil social responsibility towards holistic development

VISION OF SCHOOL OF PHARMACY

Aims to be a pioneer educational institute to provide excellent education through innovations in teaching and research in the different aspects of health to provide dynamic health warriors who can serve the nation against any kind of emerging challenges.

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.

AMYA Polytechnic College, INC Tulip Drive, Ecoland, Davao City, Philippines was founded in 1987 by the late educator, philanthropist Dr. Aurea Mercado Y Adrias, PhD (AMYA). It focuses its benevolence on the marginalized and the un-empowered, purposely to improve the quality of life of the targeted beneficiaries. It is run by a Board of trustees representing several Davao City based institutions personally chosen by Dra. AMYA to serve on the Board with its motto "Empowering the Unskilled", several projects and initiatives have been established to carry on its purpose in the fields of agriculture, education, and culture.

CALL FOR PAPERS

The Conference invites broad range of topics relating to EMERGING TRENDS IN DRUG DISCOVERY & DESIGNING but not limited to Pharmaceutical Sector.

AUTHORS INSTRUCTION

Full length paper only accepted. Title of the Review Paper/Research Article should be of maximum 30 words. Each 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 DRUGS <https://indiandrugsonline.org/instructions-to-authors> and should be passed in plagiarism analysis and similarity index should be less than 10-15%. 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, Phone 8917451102 on or before 10th July 2024. All the selected Review Papers/Research Articles will be published as Conference Proceedings and soft copy will be provided to authors.

EMINENT RESOURCE PERSONS

INAUGURAL SESSION 18TH JULY 2024





Welcome Address 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
Address by Prof. (Dr.) Arvind Pandey, Director, IQAC ARKA JAIN University, Jharkhand, India	9:35-9:40 am
Address by Prof. (Dr.) S. S. Razi, Chairman Board of Management, ARKA JAIN University, Jharkhand, India	9:40-9:50 am
Address by Dr. Angad Tiwari, Dean, Student Welfare, ARKA JAIN University, Jharkhand	9:50-9:55 am
Address by Prof. (Dr.) Easwaran Iyer Hon. VC of ARKA JAIN University, Jharkhand, India	9:55-10:00 am
Address by Hon. President of San Pedro College, Philippines Sr. Aida T. Frencila, OP	10:00-10:05 am
Address by Prof. (Dr.) Erwin M Faller Holy Child Central Colleges Inc., Philippines	10:05-10:10 am
Address by Hon. School President, AMYA Polytechnic College, Philippines, Mary Ann Concepcion C. Pia, RN, MAN,	10:10-10:15 am
Address by Prof. Fatima May Tesoro, Dean of San Pedro College Philippines	10:15-10:20 am
Address by Prof. (Dr.) Nalini Kanta Sahoo, MIT College Of Pharmacy (MITCOP), Uttar Pradesh, India	10:20-10:25 am
Address by Prof(Dr) Prithwiraj Mahapatra Jeypore College of Pharmacy, Odisha, India	10:25-10:30 am
Address by Dr Priyambada Kshirodanandini Sarangi, Holy Grace Academy, Kerala, India	10:30-10:35 am
Address by Prof. Jacqueline Padilla, San Pedro College, Philippines	10:35-10:40 am
Address by Francis Garbino AMYA Polytechnic College, Philippines	10:40-10:45 am
Address by Prof. (Dr) Vijay Kumar Singh Shri Rawatpura Sarkar University Raipur, Chhattisgarh, India	10:45 -10:50 am

Address by Guest of Honour Mr. Jai Ganesh Hibrow Healthcare Private Limited, Thiruvandavar Village, Kancheepuram, Tamil Nadu, India	10:50-10:55 am
Address by CHIEF GUEST: Professor (Dr.) Dulal Krishna Tripathi, Former Dean of the Faculty & Chairman BOS, Chhattisgarh Swami Vivekanand Technical University, India	10:55-11:10 am
Address by CHIEF GUEST: Prof (Dr.) R. S. Thakur, Former Secretary, Pharmacy Council of India, New Delhi	11:10 -11:25 am
Address by CHIEF SPEAKER Mr. Dharmendra Singh, EC Member Pharmacy Council of India	11:25-11:40 am
Address by Prof. (Dr.) Jyotirmaya Sahoo, Dean of School of Pharmacy ARKA JAIN University, Jharkhand, India	11:40-11:55 am
Vote of thanks by Mr Sumanata Sen, Associate Professor & National anthem	11:55 am
Lunch Break	
Scientific Session (Oral Presentation: virtual mode) 2:30 pm onwards	



19th July 2024

Plenary Session

	Mr. Thiruman Muthulalappan	Sr. Manager, Research & Development Founts (India) Laboratories Pvt Limited	Speaker	Drug Repurposing and Repositioning	9:20-9:50 am
	Dr. Nagara Rao	Managing Director Rana Rao Reshama Laboratories Pvt Ltd Nevi Mumbai, India (MOU Partner)	Speaker	Role of mRNA in Today's Drug Discovery Scenario	9:55-10:25 am
	Dr. S Sreenivas Patra	Faculty of Pharmacy and Health Sciences, Royal College of Medicine Penak, University Kuala Lumpur	Speaker	Engineering Drug Delivery Systems: The Role of Electrospun Nanofibers	10:30-11:00 am
	Professor (Dr.) P. Sudhir Kumar	School of Pharmaceutical Sciences, Siksha 'O' Anusandhan University, Bhubaneswar	Speaker	Synthetic Strategies on Phytochemicals Derived Small Molecules and their Biological Significance	11:05-11:35 am

Vote of thanks & National anthem




Lunch Break

Scientific Session (Oral Presentation: virtual mode) 2:30 pm onwards

20th July 2024

Plenary Session

	Dr. Chito Ranjan Saho	ICMR-Centenary Post Doctorate Fellow, Department of Health Research, Ministry of Health and Family Welfare, Government of India	Speaker	Recent therapeutic approaches of Infectious disease	10:00-10:30 am
	Prof. (Dr.) R. S. Thakur	Former Secretary, Pharmacy Council of India, New Delhi	Speaker	Conceptual Approaches in Drug Discovery and Development	10:35-11:05 am

	Dr. Chhanda Chanan Datta	Associate Research Scientist Department of Pharmacology School of Medicine Yale University New Haven, Connecticut, United States	Speaker	Extracellular Protein Degradation: a Potential Approach For New Drug Discovery in The Treatment of Anthrax Infection?	11:10-11:40 am
	Dr. Bikesh Nayak	General Manager-Operations, Aurobindo Pharma Limited, Unit XV, Visakhapatnam	Speaker	Advance Technology in Pharmaceutical Manufacturing	11:45 am-12:15 pm
	Dr. Shasank Sekhar Swain	MSc, PhD, FICS, MRSB Young Scientist, DST-Institute of Life Science, Bhubaneswar	Speaker	Advancements in Therapeutic Candidate Selection Using Computer-Aided Drug Design Platform	12:20-12:50 pm

Valedictory of International Conference

Vote of thanks & National anthem

Scientific Session and result declaration of Oral Presentation 3:00 pm onwards

Timing: As per Indian Standard Time, Link will be shared on whatsapp group and personal mail to join the conference virtually



DISTINGUISHED RESOURCE DETAILS

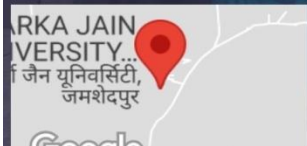
Sr. No	RESOU RCE	AFFILIATION	MAIL ID.	PHONE NO.	TOPIC
1	Prof (Dr.) R. S. Thakur	Former Secretary, Pharmacy Council of India, New Delhi	r.s. drramsthakur@gmail.com	9740802164	Conceptual Approaches in Drug Discovery and Development
2	Mr. Thirumaran Muthuirappan	Sr. Manager, Research & Development Fourrts (India) Laboratories Pvt Limited	thirumaran.m@fourrts.com	97913 72274	Drug Repurposing and Repositioning
3	Dr. Nagaraj Rao	Managing Director, Rane Rao Reshamia Laboratories Pvt Ltd Navi Mumbai, India	n.rao@rrrabs.com	9820326983	Role of mRNA in Today's Drug Discovery Scenario
4	Dr S Sreenivas Patro	Faculty of Pharmacy and Health Sciences, Royal College of Medicine Perak, University Kuala Lumpur	sspatro@gmail.com	(605)243 2635 (Ext. 849) H/P: (6016) 352 1260	Engineering Drug Delivery Systems: The Role of Electrospun Nanofibers
5	Professor (Dr.) P. Sudhir Kumar	School of Pharmaceutical Sciences, Siksha 'O' Anusandhan University, Bhubaneswar	sairampaidesetty@gmail.com	98612 18616	Synthetic Strategies on Phytochemicals Derived Small Molecules and their Biological Significance
6	Prof. (Dr.) Amiyakanta Mishra	Principal, College of Pharmaceutical Sciences, Puri Odisha	puri_cps@yahoo.co.in	98610 85889	3D Printing an Emerging Technique for Dosage form Design
7	Dr. Chita Ranjan Sahoo	ICMR-Centenary Post Doctorate Fellow, Department of Health Research, Ministry of Health and Family Welfare,	chitaranjan.biotech@gmail.com	9938348881	Recent Therapeutic Approaches of Infectious Disease

		Government of India			
8	Mr. Jayrald P. Basan	RPh Pharmacy Faculty, AMYA Polytechnic College, Inc, Philippines	jayraldpbasan.amya@gmail.com	+639397050087	Integrating Traditional and Modern Approaches in Drug Discovery: from in-vitro Pharmacology of Plant Extracts to in-silico Innovations
9	Dr. Chhanda Charan Danta	Associate Research Scientist Department of Pharmacology School of Medicine Yale University, New Haven, Connecticut, United States	chhanda.danta@yale.edu		Extracellular Protein Degradation: a Potential Approach for New Drug Discovery in the Treatment of Anthrax Infection
10	Dr. Bikash Nayak	General Manager-Operations. Aurobindo Pharma Limited, Unit XV, Visakhapatnam	bikash.nayak@aurobindo.com	95386 01695	Advance Technology in Pharmaceutical Manufacturing
11	Dr. Shasank Sekhar Swain	MSc, PhD, FICS, MRSB Young Scientist, DBT Institute of Life Science, Bhubaneswar	swain.shasanksekar86@gmail.com	90902 03945	Advancements in Therapeutic Candidate Selection Using Computer-Aided Drug Design Platform

WINNERS OF SCIENTIFIC PRESENTATION
LIST OF THE WINNERS FOR SCIENTIFIC PRESENTATION IN INTERNATIONAL
CONFERENCE 2024

POSITION	NAME OF THE WINNER	UNIVERSITY
1 ST	MS SHWETA MISHRA	DR. D.Y. PATIL INSTITUTE OF PH. SCIENCES & RESERCH
2 ND	MR CHIRAG AGARWAL	ARKA JAIN UNIVERSITY
3 RD	MS MANASI KHADANGA	JEYPORE COLLEGE OF PHARMACY

PHOTOS OF THE EVENT



R4V2+8XQ, Mohanpur, Jharkhand 832108, India

lat: 22.842911 long: 86.102181 alt: 187

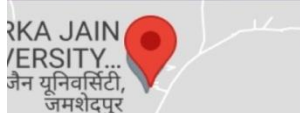
Prof. Dr. R.S. Thakur with Dean and the Faculty members of School of Pharmacy



R4V2+8XQ, Mohanpur, Jharkhand 832108, India

lat: 22.843690 long: 86.102733 alt: 184

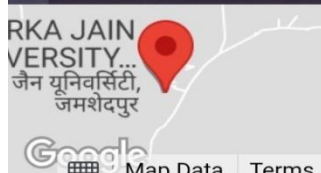
Lighting of the Lamp by chief guest and the Dignitaries



R4V2+8XQ, Mohanpur, Jharkhand 832108, India

lat: 22.843690 long: 86.102733 alt: 184

Dr. Arvind Pandey addressing the gathering



R4V2+8XQ, Mohanpur, Jharkhand 832108, India

lat: 22.843338 long: 86.102599 alt: 183

Dr. Jyotirmaya Sahoo felicitating guest speaker with a memento as a token of appreciation



Dr. Manoj Pathak delivering the welcome note of INTERNATIONAL CONFERENCE



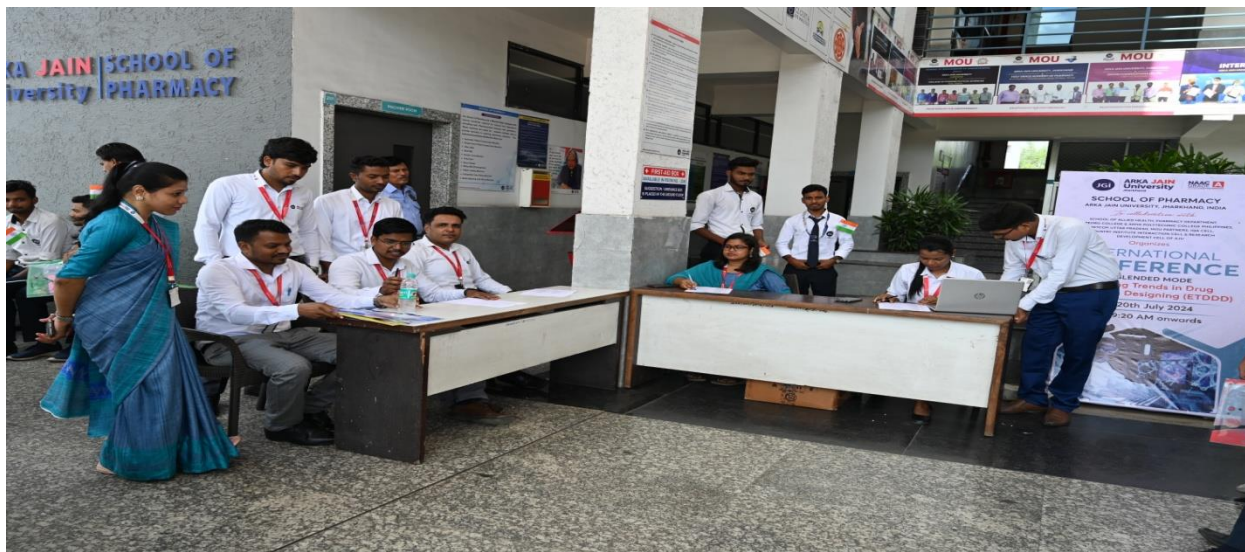
Participants engrossed in the session during the conference



Dr. Chita Ranjan Sahoo delivering his session with full enthusiasm



Certificate distribution to the participants of the Conference



Registration desk of International Conference 2024



Prof.(Dr.) R.S. Thakur delivering his session



Dignitaries with Chief guest Dr. Chita during the Valedictory session of the Conference



Felicitation of Dr Chita by the Dignitaries



Participants delivering their oral presentation



Entire hall united in singing the National Anthem

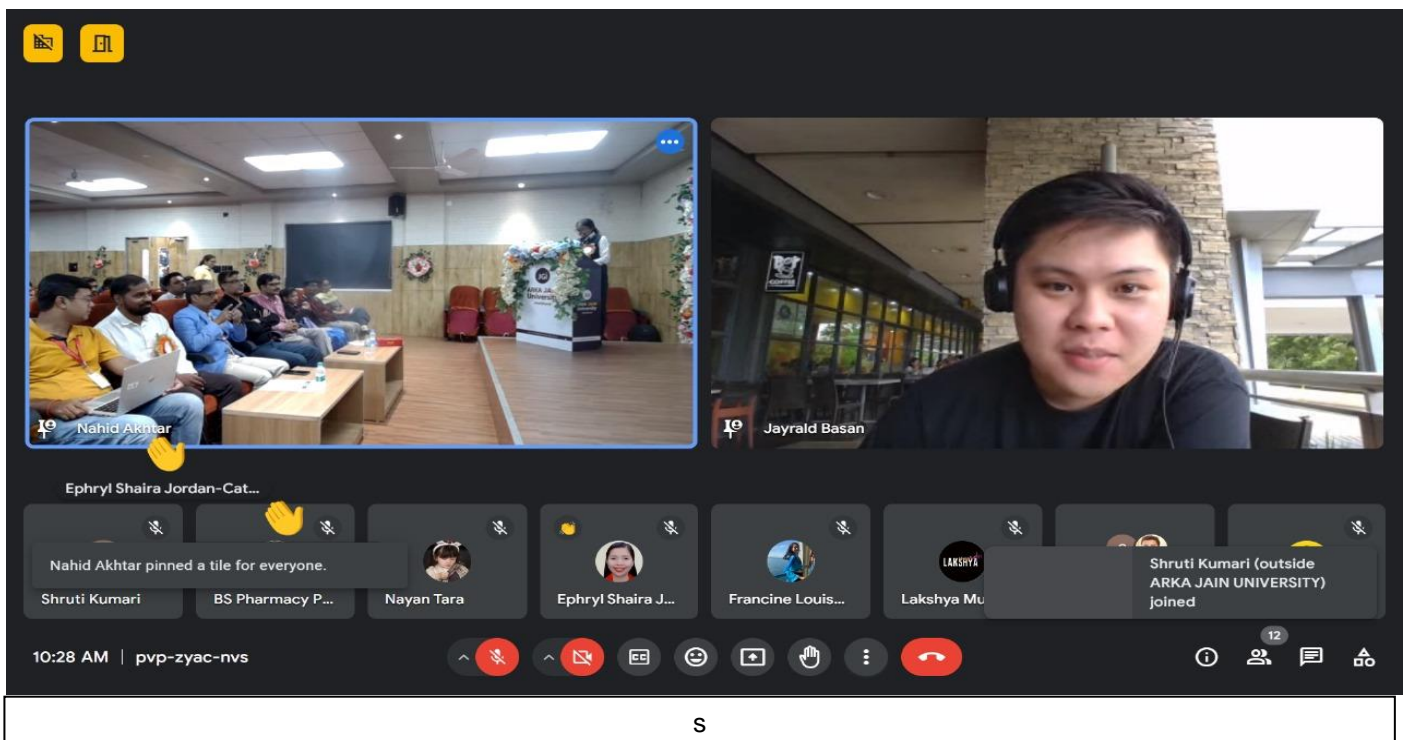
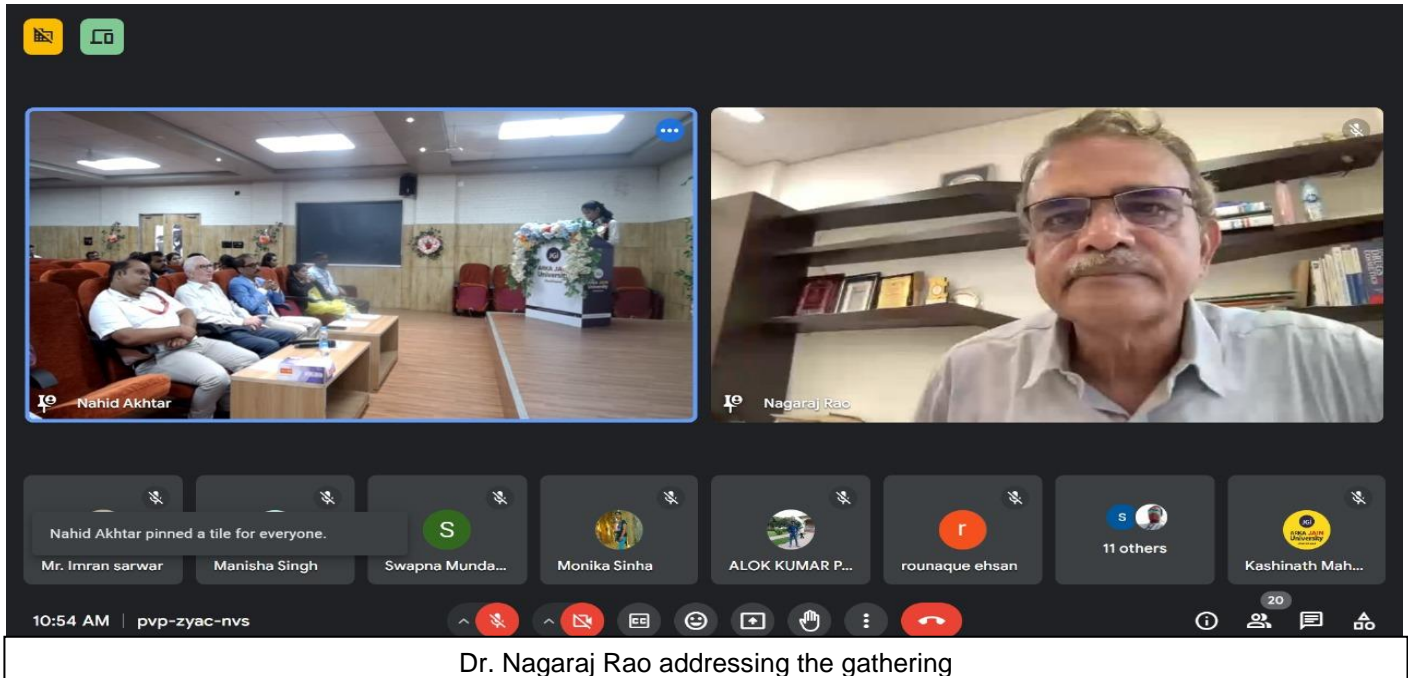


Student participants of the conference



Faculty participants of the Conference

LAPTOP SCREENSHOT OF EMINENT GUESTS PRESENT ON BLENDED MODE



Ashis Dash (Presenting)

TERMINOLOGY

- **ADDITIVE MANUFACTURING**
Refers to technologies that create objects through sequential layering.
- **SUBSTRUCTIVE PROCESS**
Refers to removal of materials by methods of drilling or cutting
- **RAPID PROTOTYPING**
It is a group of techniques used to quickly fabricate a scale model of a physical part or assembly using 3D computer aided design data.
- **STEREOLITHOGRAPHY**
Discovered by Charles Hull as a system of generating 3D objects by creating a cross-sectional pattern of the object to be formed.

Monika Sinha has left the meeting

Shasank Sekha... Anuj Sreenivas Patro Dr. Subhendu ... RAJKISHOR DAS Nahid Akhtar 5 others Kashinath Mah...

1:19 PM | pvp-zyac-nvs

Prof. (Dr.) Amiyakanta Mishra addressing the gathering

Nahid Akhtar (Presenting)

Small molecules under development for the treatment of Anthrax infection

PDB:1T6B

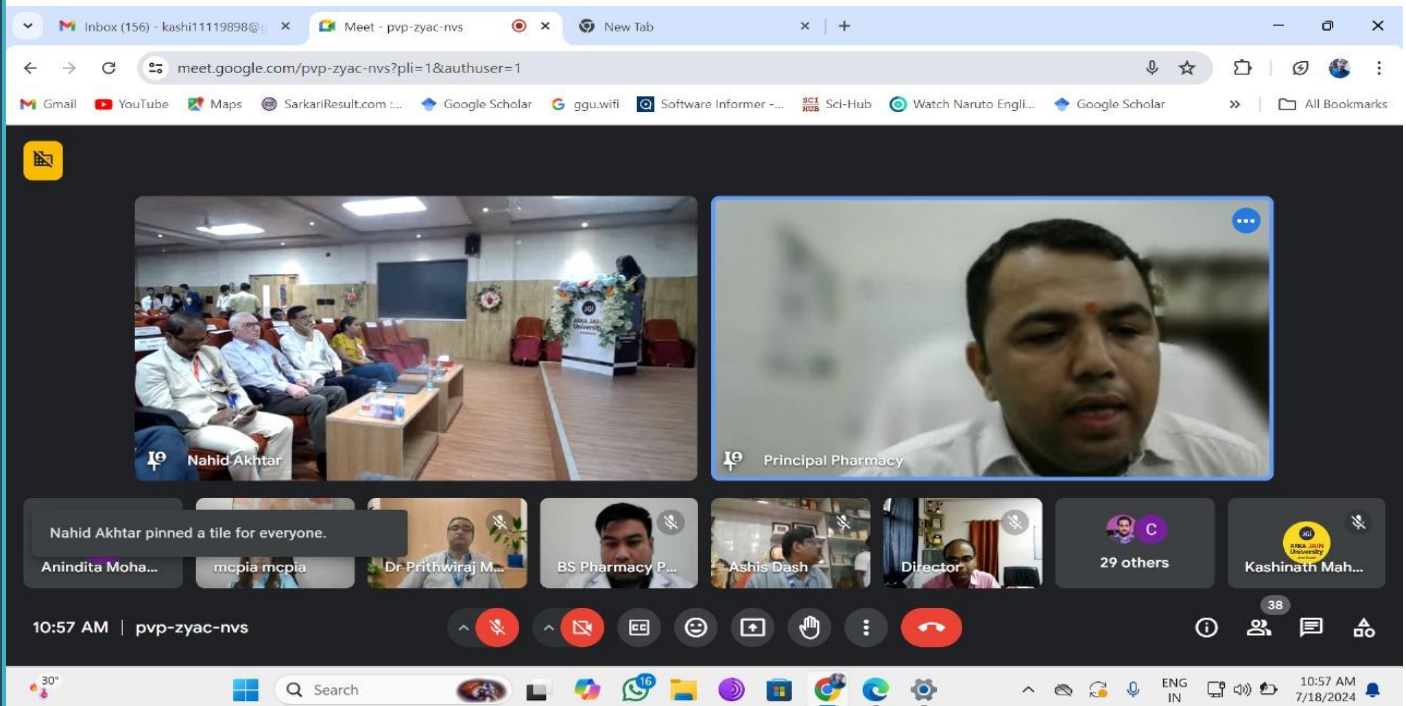
Wein et al., J. Med. Chem. 2012, 55, 7998-8006

Chhanda Charan Danta

Nahid Akhtar Bikash Kumar ... Sumanta Sen Nayan Tara Anuj Sobhabikash S... 6 others Kashinath Mah...

11:34 AM | pvp-zyac-nvs

Dr. Chhanda Charan Danta addressing the gathering



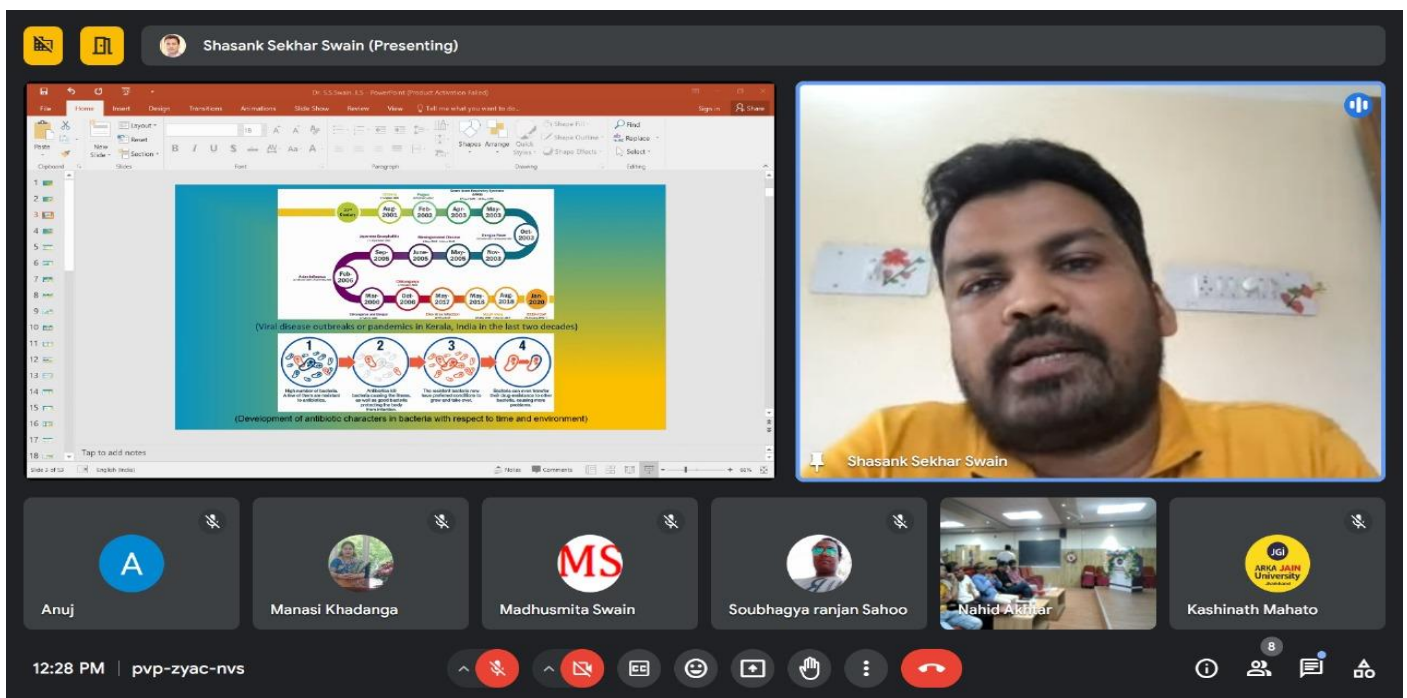
Prof. (Dr.) Vijay Kumar Singh addressing the gathering



Mr. Thirumaran Muthuirulappan addressing the gathering



Dr S Sreenivas Patro addressing the gathering



Dr. Shasank Sekhar Swain addressing the gathering

The screenshot shows a Google Meet interface. At the top, a banner reads "Bikash Kumar Nayak (Presenting)". The main window displays a presentation slide with the title "Advance Technology in Pharmaceutical manufacturing" and an image of various pills and capsules. The slide is part of a presentation titled "Advance Technology in Pharmaceutical manufacturing.pptx". Below the slide, a row of participant thumbnails is visible, including Chirag Agarwal, Nahid Akhtar, Mini Kumari, Manasi Khadan..., Anuj, Sobhabikash S..., 3 others, and Kashinath Mah... The bottom status bar shows the time as 11:51 AM and the meeting ID as pvp-zyac-nvs.

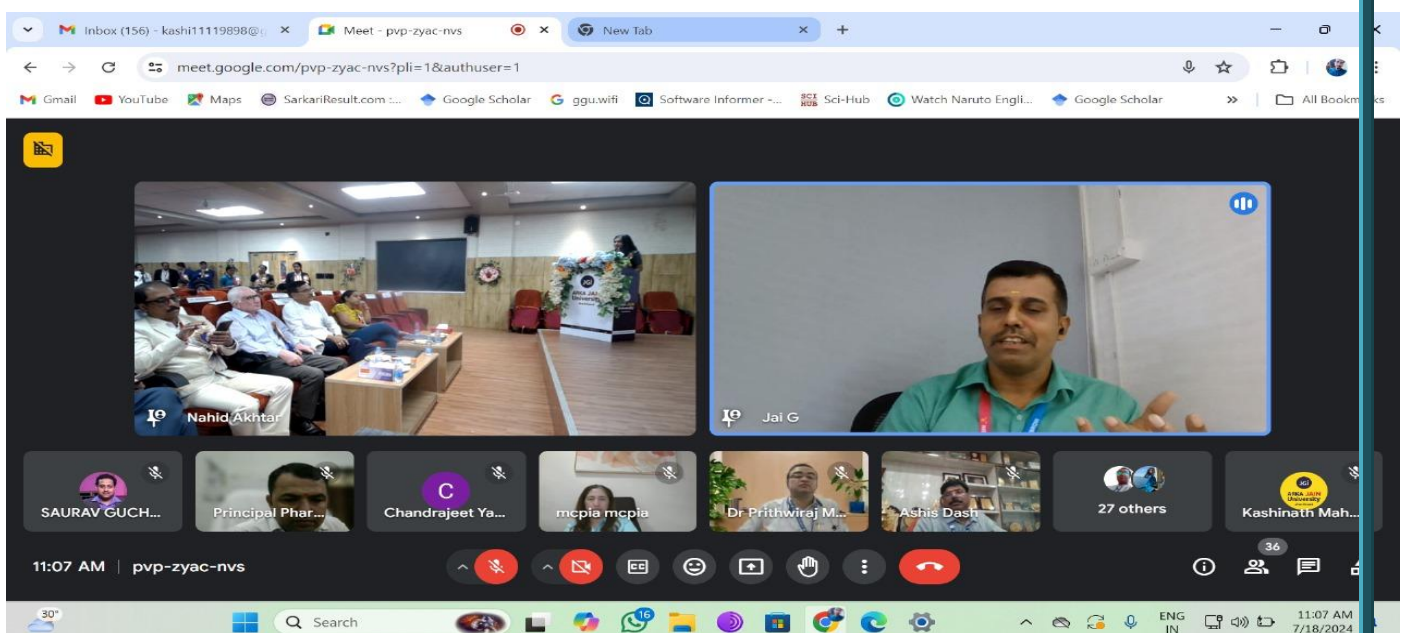
Dr. Bikash Nayak addressing the gathering

The screenshot shows a Google Meet interface. The main window displays a video feed of Prof. (Dr.) Prithwiraj Mohapatra, who is speaking and gesturing with his hands. Below the main video, a row of participant thumbnails is visible, including Anindita Moha..., Ashis Dash, karishma yadav, Manasi Khadan..., Principal Phar..., mcopia mcopia, 33 others, and Kashinath Mah... The bottom status bar shows the time as 10:44 AM and the meeting ID as pvp-zyac-nvs.

Prof. (Dr.) Prithwiraj Mohapatra addressing the gathering



Prof. Dr. Erwin M. Faller addressing the gathering



Mr. Jai Ganesh addressing the gathering

meet.google.com/pvp-zyac-nvs?pli=1&authuser=1

10:39 AM | pvp-zyac-nvs

Mary Ann Concepcion C addressing the gathering

meet.google.com/pvp-zyac-nvs?pli=1&authuser=1

10:53 AM | pvp-zyac-nvs

Prof. (Dr.) Nalini Kanta Sahoo addressing the gathering

Inbox (156) - kashi11119898@... x Link to join the International Co x Meet - pvp-zyac-nvs x New Tab

meet.google.com/pvp-zyac-nvs?pli=1&authuser=1

Gmail YouTube Maps SarkariResult.com... Google Scholar ggu.wifi Software Informer... Sci-Hub Watch Naruto Engli... Google Scholar All Bookmarks



2:34 PM | pvp-zyac-nvs

FTSE 100 +0.68%

Search

ENG IN 2:34 PM 7/18/2024

Professor (Dr.) P. Sudhir Kumar addressing the gathering

Inbox (156) - kashi11119898@... x Meet - pvp-zyac-nvs x New Tab

meet.google.com/pvp-zyac-nvs?pli=1&authuser=1

Gmail YouTube Maps SarkariResult.com... Google Scholar ggu.wifi Software Informer... Sci-Hub Watch Naruto Engli... Google Scholar All Bookmarks



11:30 AM | pvp-zyac-nvs

Search

ENG IN 11:30 AM 7/18/2024

Mr. Dharmendra Singh addressing the gathering

Browser tabs: Inbox (156) - kashi11119898@... Meet - pvp-zyac-nvs New Tab

Address bar: meet.google.com/pvp-zyac-nvs?pli=1&authuser=1

Navigation bar: Gmail YouTube Maps SarkariResult.com Google Scholar ggu.wifi Software Informer Sci-Hub Watch Naruto Engli... Google Scholar All Bookmarks

Video Conference Interface:

- Top Left: Video feed of a physical gathering with participants seated in a hall. Caption: Nahid Akhtar
- Top Right: Video feed of a man speaking. Caption: BS Pharmacy Program Chair
- Bottom Bar: Participant list including Nahid Akhtar, Anindita Moha..., Ashis Dash, karishma yadav, Manasi Khadan..., mc pia mc pia, Dr Prithwiraj M..., 33 others, and Kashinath Mah... A notification states: "Nahid Akhtar pinned a tile for everyone."
- Bottom Status Bar: 10:45 AM | pvp-zyac-nvs. Meeting controls (mute, video, chat, etc.) are visible.

Windows Taskbar: 30° Search [Taskbar Icons] ENG IN 10:45 AM 7/18/2024

Prof. Fatima May Tesoro addressing the gathering

REGISTERED PARTICIPANTS

Sr.	Name	Designation
1.	Jyotirmaya Sahoo	Student
2.	Anant Nag	Faculty
3.	RAMACHAKRADHAR DEVANI	Student
4.	Alok Kumar Moharana	Faculty
5.	Mansi Singh	Student
6.	Rajasmita Bhadra	Student
7.	Subham Shreechandana Nayak	Student
8.	Rashmi Ranjan Das	Faculty
9.	HIRANYA KUMAR MAHANTA	Faculty
10.	Sumanta Sen	Student
11.	Ipsita Swain	Student
12.	RASHMI TIRKEY	Faculty
13.	Priyabati Choudhury	Student
14.	ANKITA MOHARANA	Student
15.	Pratikshya sarangi	Student
16.	Ankit kumar	Student
17.	Swadesh Behera	Faculty
18.	kashinath mahato	Student
19.	Nisha Panda	Student
20.	Mohit Ananda	Student
21.	Kriti Priya	Student
22.	Riya Rani Lohani	Student
23.	PRIYANSHU PRIYA	Student
24.	Shweta Shrivastava	Faculty
25.	SHWETA MISHRA	Student
26.	Snigdha Rani Behera	Student
27.	Vikash Dash	Student
28.	Priya	Student
29.	TUNUL GURIA	Student
30.	Ragini Bose	Student
31.	Nihar Ranjan Samantara	Student
32.	DUSMANTA KUMAR MAHANTA	Student
33.	Chinmaya Keshari Sahoo	Student
34.	Subhashree saho	Student
35.	Soumya Sunder Ghora	Student
36.	Asutosha parida	Student
37.	NIDHI SHREE	Student
38.	ANKIT KUMAR DAS	Faculty
39.	Minaketan Sahoo	Research Scholar
40.	Sarmili Sahoo	Student
41.	Soubhik Bhattacharyya	Student
42.	Saurav Guchhait	Student
43.	Chandan Kumar Giri	Student
44.	Nikhil Mahato	Student
45.	Rasotam Kumar	Student
46.	Soma Ghosh	Student
47.	Aryan Kumar Singh	Student
48.	Srishti Shreya	Student
49.	Pritam sarkar	Student

50.	Neha Rani Mahto	Student
51.	PARITOSH KUMAR MANDAL	Student
52.	ANNU SHARMA	Student
53.	SAMVEDAN MAHATO	Student
54.	Chetna Sandilya	Student
55.	Shobha kumari	Student
56.	Himansu Ranjan Palatasingh	Student
57.	Ashish prasad	Student
58.	Atal Bihari Singh	Student
59.	Kaushik Nath	Student
60.	UPKAR KUMAR SHAW	Faculty
61.	Animeah Mahakur	Student
62.	Pranab Kumar Padhy	Student
63.	Meraj Anwar	Student
64.	SOURISH NANDA	Student
65.	Rishav Kumar Chourasiya	Student
66.	Anindita Mohanty	Student
67.	NISHAT	Student
68.	SAI DEBASIS PANDA	Student
69.	KUNAL KUMAR SHARMA	Student
70.	Prabhjott Kaur	Student
71.	Sagar pandit	Student
72.	Chandan Nayak	Student
73.	AYAN SHAW	Student
74.	PRITISH KUMAR PASAYAT	Student
75.	Pratik kumar pandey	Faculty
76.	ROHIT GUPTA	Student
77.	ISHITA MISHRA	Research Scholar
78.	Prachee singh	Student
79.	KHANZADA ADEEB SALMAN	Faculty
80.	NABILA AFREEN	Student
81.	Sumant Thakur	Research Scholar
82.	Anjali Sahu	Student
83.	Manasi Khadanga	Student
84.	Pawan kumar panda	Student
85.	Prachi Mahato	Faculty
86.	AKASH KUMAR	Student
87.	Rajkishor Das	Student
88.	Tarun Kumar Mahato	Student
89.	Uday Singha Modak	Faculty
90.	Vivek Raj	Student
91.	SUMAN MAHATO	Student
92.	Rahul Mahata	Student
93.	Bajinath kumar sahani	Faculty
94.	Himanshu Kumar	Faculty
95.	GOWRI SANKAR CHINTAPALLI	Research Scholar
96.	Sadaf Firdows	Student
97.	TANUJ KUMAR GUPTA	Student
98.	Santosh Kumar Behera	Student
99.	PASHUPATI MAHATO	Student
100.	Sandeep Sahu	Student
101.	HEMANT KUMAR PANDEY	Student
102.	Rakesh Mandal	Student
103.	Manoranjan mahato	Student
104.	Soubhagya Ranjan Sahoo	Student
105.	K. Mutyalu Rao	Student

106.	Imran Sarwar	Student
107.	Namha Akhter	Student
108.	SANGRAM KESHARI PANDA	Student
109.	Annu Mahato	Student
110.	Karishma Kumari yadav	Student
111.	Angel Shukla	Student
112.	Nidhi Agarwal	Student
113.	Santosh Kumar Singh	Student
114.	Chirag Agarwal	Student
115.	Manisha Kumari Singh	Faculty
116.	Priya Rai	Student
117.	Aryan Kesharwani	Student
118.	RANA PAUL	Faculty
119.	Tanya Kumari	Faculty
120.	Purnima Mahato	Student
121.	Kumar Aryan	Student
122.	ROUNAQUE EHSAN	Faculty
123.	Anyakumari	Student
124.	Mini Kumari	Faculty
125.	Amit Dhal	Student
126.	Anurag acharya	Student
127.	AVINASH GIRI	Student
128.	Purbasha Roy	Faculty
129.	Pratibha Shailey	Faculty
130.	Harsh Kumar	Student
131.	Deepak Kumar	Student
132.	Nayantara Suren	Faculty
133.	MD ASHIF	Student
134.	VIKASH PRADHAN	Student
135.	Aswini Kumar Sethi	Student
136.	Alok kumar pathak	Student
137.	KUMAR DEEPAK	Faculty
138.	Santanu ghosh	Student
139.	Sougata paul	Student
140.	Ashutosh Ranjan	Student
141.	Abha Kumari	Student
142.	Gaurav Bhattacharjee	Student
143.	BRET CHARLDONNIE B. QUILTON	Student
144.	Ritu kumari	Faculty
145.	Lakshya Mundri	Student
146.	Niraj kumar	Student
147.	Avishek Kumar Ojha	Student
148.	Ritik Kumar	Student
149.	Shreya Banerjee	Student
150.	RAMESHWAR KUMBHAKAR	Student
151.	Vikash Kumar sinha	Student
152.	Kanu Priya	Student
153.	Francine Louise J. Ramas	Student
154.	Jennilyn Cedeño	Student
155.	Prashant Kumar	Student
156.	Kumar venkat	Student
157.	Manas Kumar Biswas	Student
158.	Abhinav Pradhan	Faculty
159.	Guddu Prasad	Research Scholar
160.	Sania manzer	Student
161.	Farhan Ahmad	Student

162.	SUBHAM KUSHWAHA	Student
163.	Kriti kumari	Student
164.	Abhishek Kumar	Student
165.	Kashish kumari	Student
166.	Akriti Sinha	Student
167.	Sunidhi Suman	Student
168.	Sanskriti	Student
169.	Megha joshi	Student
170.	Shubham kumar	Student
171.	Diptimayee Jena	Student
172.	SATYAM TIWARY	Student
173.	Chandrajeet kumar	Student
174.	Samiksha marki	Student
175.	Mazma Begum	Student
176.	PREMJIT VISHWAKARMA 2 4	Student
177.	Debashis Mishra	Student
178.	Rohit Raj	Student
179.	Ajit kumar	Student
180.	Chandan Ray	Faculty
181.	Subhendu Sekhar Mishra	Student
182.	Isha sharma	Student
183.	Shalini Mohakud	Student
184.	SAGAR KUMAR	Student
185.	Pakhi chakraborty	Student
186.	SANDEEP RANA	Student
187.	Monika sinha	Student
188.	MD. ZAID	Student
189.	Sarbojeet Goswami	Student
190.	Pratima Srivastava	Student
191.	Ankita Kumari	Student
192.	Gopinath Mondal	Student
193.	Premlal Mahto	Student
194.	Bikas Kumar Bala	Student
195.	Premlal Mahto	Faculty
196.	Sanju sharma	Student
197.	Jyoti Kumari	Research Scholar
198.	Sanju sharma	Student
199.	Biswajit Singh modak	Faculty
200.	ABHIJEET GHOSH	Student
201.	Shruti kumari	Research Scholar
202.	Taroni Gorai	Student
203.	Ritesh sharma	Student
204.	RINKU KUMAR	Student
205.	ABHINANDAN KUMAR RAY	Faculty
206.	Janardan Mahato	Student
207.	Suman Mahapatra	Student
208.	Abhijeet Shivam	Student
209.	Suruchi kanupriya	Faculty
210.	Khushi Kumari	Student
211.	Madhusmita Swain	Student
212.	Vivek Kumar Mahato	Student
213.	Sriti Paul	Faculty
214.	PRAVASRANJAN DASH	Faculty
215.	Ch.Bhargavi	Research Scholar

Oral Presentation Details

Day: 1 (18th July 2024)

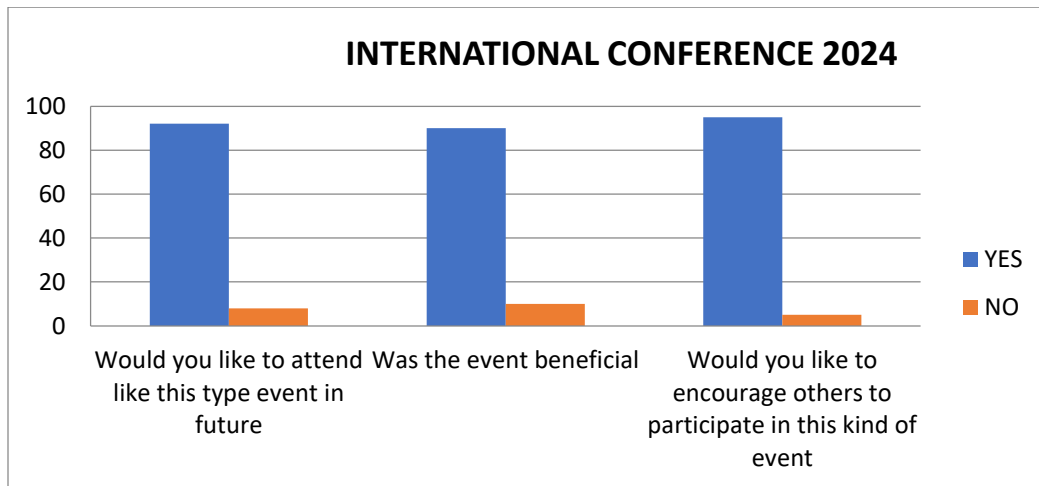
Sl. No.	Name of Presenter	University/ Organization	Topic	Time
1	Kriti Priya	Jharkhand Rai University	Therapeutic Potential of Traditional Plants For The Treatment of Rheumatoid Arthritis	2:30-2:37pm
2	Chirag Agarwal	ARKA JAIN University	Phenotypic characterization of drug tolerant persister <i>Klebsiella pneumoniae</i> isolated from aquatic environment	2:40-2:47pm
3	Manisha Kumari Singh	ARKA JAIN University	Prevalence and antibiotic resistance pattern of Gram negative bacteria in a Secondary Care Hospital, Jharkhand	2:50-2:57pm
4	Mini Kumari	ARKA JAIN University	Efflux pump inhibitors: molecules mitigate bacterial antibiotics resistance	3:00-3:07pm
5	Abha Kumari	Jharkhand Rai University	Ramifications Of Teratogens In Foetal	3:10-3:17pm
6	Shreya Banerjee	Jharkhand Rai University	Delving into the Unestablished Pathology Cascades & Intervening Options of Diabetic Neuropathy	3:20-3:27pm
7	Karishma Kumari Yadav	Jharkhand Rai University	Amyrin: Structure, Extraction and its Anti-bacterial and Anti-parasite activities	3:30-3:37pm
8	Shweta Mishra	Dr. D. Y. Patil Institute of Pharmaceutical Sciences and Research	Computational designing of multi-target molecules directing FFAR-1, FFAR-4 and PPAR-G as modulators of insulin receptor activity	3:40-3:47pm
9	Manasi Khadanga	Jeypore College of Pharmacy	A Prevalence study on the Epidemiological Characteristics of Health and Tobacco Use in Rural Areas of Koraput District	3:50-3:57pm

Day: 2 (19th July 2024)

Sl. No.	Name of Presenter	University/ Organization	Topic	Time
1	Soma Ghosh	Jharkhand Rai University	Green Synthesis Carbon Dot As Fluorescence Probe In Biomedical Application	2:00-2:07pm
2	Srishti Shreya	ARKA JAIN University	Hybrid Healing: Repurposing Synthetic & Herbal Drugs For Enhanced Efficacy	2:10-2:17pm
3	Imran Sarwar	Jharkhand Rai University	In-Vitro Analysis Of Hydroxyapatite's Antimicrobial Activity: A Study On Freshwater Fish Scales.	2:20-2:27pm
4	Namha Akhter	Jharkhand Rai University	Dual Stimuli-Responsive Nanogel: A Novel Approach In Biomedical Application	2:30-2:37pm
5	Khushi Kumari	ARKA JAIN University	Herbal Remedies For Mouth Ulcer	2:40-2:47pm

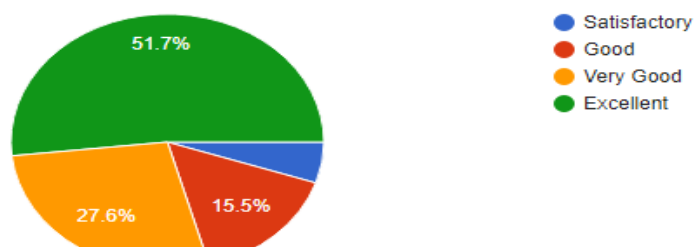
6	Riya Rani Lohani	Jharkhand Rai University	Evaluation And Characterization Of Green Synthesized Silver Nanoparticles Using Moringa Oleifera Leaf Extract	2:50-2:57pm
7	Ritu Kumari	Jharkhand Rai University	Phytochemicals As An Inhibitor Of Inflammation	3:00-3:07pm
8	Priya	Jharkhand Rai University	Essential Steps Involved In New Drug Discovery For The Advancement Of Healthcare Through Innovations	3:10-3:17pm
9	Dr. Rahul Amin	ARKA JAIN University	The Role Of Digital Technologies In Health Communication Development: A Review	3:20-3:27pm
10	Chetna Sandilya	ARKA JAIN University	Monkeypox Reurfaces: A Post COVID Challenges	3:30-3:37pm

Feedback Analysis



Did the International Conference met you Expectations

58 responses



Google form Feedback Data

PARTICIPANTS

JGI ARKA JAIN University Jharkhand
SCHOOL OF PHARMACY
Event Registration cum Attendance Form

Name of the Event: International Conference
"Emerging Trends in Drug Discovery & Designing" (ETDD) Date of the Event: 18.7.24 to 20.7.24

Sl. No.	Name of the Candidate	Enrollment No.	Signature of the Candidate	How would you like this session/event					The speaker explained the topic clearly	Feedback	Would you like to attend this type of event/session in future		Attendance			
				E	V	G	A	P			Y	N	D1D2	D, D, D, D, D, D		
1	Abhinav Ghosh	A20/210608	[Signature]													
2	Abhishek Sharma	A20/210315	[Signature]													
3	Abhishek Kumar	A20/210409	[Signature]													
4	Abhishek Kumar	A20/210409	[Signature]													
5	Abhishek Kumar	A20/210409	[Signature]													
6	Abhishek Kumar	A20/210409	[Signature]													
7	Abhishek Kumar	A20/210409	[Signature]													
8	Abhishek Kumar	A20/210409	[Signature]													
9	Abhishek Kumar	A20/210409	[Signature]													
10	Abhishek Kumar	A20/210409	[Signature]													

Signature of the Head
School of Pharmacy
ARKA JAIN University Jharkhand

Signature of the Event Coordinator

JGI ARKA JAIN University Jharkhand
SCHOOL OF PHARMACY
Event Registration cum Attendance Form

Name of the Event: International Conference
"Emerging Trends in Drug Discovery & Designing" (ETDD) Date of the Event: 18.7.24 to 20.7.24

Sl. No.	Name of the Candidate	Enrollment No.	Signature of the Candidate	How would you like this session/event					The speaker explained the topic clearly	Feedback	Would you like to attend this type of event/session in future		Attendance			
				E	V	G	A	P			Y	N	D1D2	D, D, D, D, D, D		
11	Abhinav Ghosh	A20/210608	[Signature]													
12	Abhishek Sharma	A20/210315	[Signature]													
13	Abhishek Kumar	A20/210409	[Signature]													
14	Abhishek Kumar	A20/210409	[Signature]													
15	Abhishek Kumar	A20/210409	[Signature]													
16	Abhishek Kumar	A20/210409	[Signature]													
17	Abhishek Kumar	A20/210409	[Signature]													
18	Abhishek Kumar	A20/210409	[Signature]													
19	Abhishek Kumar	A20/210409	[Signature]													
20	Abhishek Kumar	A20/210409	[Signature]													

Signature of the Head
School of Pharmacy
ARKA JAIN University Jharkhand

Signature of the Event Coordinator

JGI ARKA JAIN University Jharkhand
SCHOOL OF PHARMACY
Event Registration cum Attendance Form

Name of the Event: International Conference
"Emerging Trends in Drug Discovery & Designing" (ETDD) Date of the Event: 18.7.24 to 20.7.24

Sl. No.	Name of the Candidate	Enrollment No.	Signature of the Candidate	How would you like this session/event					The speaker explained the topic clearly	Feedback	Would you like to attend this type of event/session in future		Attendance			
				E	V	G	A	P			Y	N	D1D2	D, D, D, D, D, D		
21	Abhinav Ghosh	A20/210608	[Signature]													
22	Abhishek Sharma	A20/210315	[Signature]													
23	Abhishek Kumar	A20/210409	[Signature]													
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25	Abhishek Kumar	A20/210409	[Signature]													
26	Abhishek Kumar	A20/210409	[Signature]													
27	Abhishek Kumar	A20/210409	[Signature]													
28	Abhishek Kumar	A20/210409	[Signature]													
29	Abhishek Kumar	A20/210409	[Signature]													
30	Abhishek Kumar	A20/210409	[Signature]													

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				E	V	G	A	P			Y	N	D1D2	D, D, D, D, D, D		
31	Abhinav Ghosh	A20/210608	[Signature]													
32	Abhishek Sharma	A20/210315	[Signature]													
33	Abhishek Kumar	A20/210409	[Signature]													
34	Abhishek Kumar	A20/210409	[Signature]													
35	Abhishek Kumar	A20/210409	[Signature]													
36	Abhishek Kumar	A20/210409	[Signature]													
37	Abhishek Kumar	A20/210409	[Signature]													
38	Abhishek Kumar	A20/210409	[Signature]													
39	Abhishek Kumar	A20/210409	[Signature]													
40	Abhishek Kumar	A20/210409	[Signature]													

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				E	V	G	A	P			Y	N	D1D2	D, D, D, D, D, D		
41	Abhinav Ghosh	A20/210608	[Signature]													
42	Abhishek Sharma	A20/210315	[Signature]													
43	Abhishek Kumar	A20/210409	[Signature]													
44	Abhishek Kumar	A20/210409	[Signature]													
45	Abhishek Kumar	A20/210409	[Signature]													
46	Abhishek Kumar	A20/210409	[Signature]													
47	Abhishek Kumar	A20/210409	[Signature]													
48	Abhishek Kumar	A20/210409	[Signature]													
49	Abhishek Kumar	A20/210409	[Signature]													
50	Abhishek Kumar	A20/210409	[Signature]													

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School of Pharmacy
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				E	V	G	A	P			Y	N	D1D2	D, D, D, D, D, D		
51	Abhinav Ghosh	A20/210608	[Signature]													
52	Abhishek Sharma	A20/210315	[Signature]													
53	Abhishek Kumar	A20/210409	[Signature]													
54	Abhishek Kumar	A20/210409	[Signature]													
55	Abhishek Kumar	A20/210409	[Signature]													
56	Abhishek Kumar	A20/210409	[Signature]													
57	Abhishek Kumar	A20/210409	[Signature]													
58	Abhishek Kumar	A20/210409	[Signature]													
59	Abhishek Kumar	A20/210409	[Signature]													
60	Abhishek Kumar	A20/210409	[Signature]													

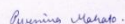
Signature of the Head
School of Pharmacy
ARKA JAIN University Jharkhand


Signature of the Event Coordinator

TY-IQAC

		JGI	ARKA JAIN University	NAAC Grade A ACCREDITED UNIVERSITY								
			SCHOOL OF PHARMACY Entry Registration card Attendance Form									
Name of the Event: <u>International Conference + Evening Session in Drug Awareness & Dispensing (ETDPD)</u>				Date of the Event: <u>18.03.24</u> to <u>20.03.24</u>								
No.	Name of the Candidate	Enrolment No	Signature of the Candidate	Feedback	Attendance							
				How would you like this session/event	The speaker explained the topic clearly	I would like you attend this type of event/sessions in the future	D/D2	D	D	D	D	D
				E	V	G	A	P	Y	N		
71	<u>Bhakti Mahapatra</u>	<u>23/210294</u>	<u>[Signature]</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
72	<u>Chitra Kumar</u>	<u>A70/210103</u>	<u>[Signature]</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
73	<u>Khyati Kumbhar</u>	<u>A70/210439</u>	<u>[Signature]</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
74	<u>Shruti Singh</u>	<u>A70/210504</u>	<u>[Signature]</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
75	<u>Swarnima Kumar</u>	<u>A70/210508</u>	<u>[Signature]</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
76	<u>Pragathi Guntur</u>	<u>A70/210501</u>	<u>[Signature]</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
77	<u>Chaitanya Kumar</u>	<u>A70/210902</u>	<u>[Signature]</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
78	<u>Nikhil Kumar</u>	<u>A70/210414</u>	<u>[Signature]</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
79	<u>Rishika Singhania</u>	<u>A70/210109</u>	<u>[Signature]</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
80	<u>Shivani Mahapatra</u>	<u>A70/210505</u>	<u>[Signature]</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

*E-Excellent, V-Very good, G-good, A-average, P-Poor


 Signature of the Event Coordinator



ARKA JAIN UNIVERSITY
Jharkhand

SHOOL OF PHARMACY
Event Registration cum
Attendance Form

NAAC GRADE A
ACCREDITED UNIVERSITY

Name of the Event: International Conference Date of the Event: 16.7.24 to 20.7.24

* Prancing Jharkhand in Digital Diversity & Progress - 6000

Sl. No.	Name of the Candidate	Enrollment No	Signature of the Candidate	How would you like this session/event	The speaker explained the topic clearly	Feedback	Would you like to attend this type of event/session in future	Attendance						
								D102	D. D.	D.	D.			
				E	V	G	A	P	Y	N				
71	Pooja Das	ASU/230013	Pooja Das	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				P	P	
72	ARNAV	ASU/230293	ARNAV	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				P	P	
73	Arushi Gupta	ASU/230002	Arushi Gupta	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				P	P	
74	Ashu Kumar	ASU/230210	Ashu Kumar	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				P	P	
75	Ashu Kumar	ASU/231642	Ashu Kumar	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				P	P	
76	Ashwini Singh	ASU/230805	Ashwini Singh	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				P	P	
77	Chaitanya Kumar	ASU/230545	Chaitanya Kumar	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				P	P	
78	ANISH K	ASU/230790	ANISH K	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				P	P	
79	Chandan Ray	ASU/230133	Chandan Ray	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				P	P	
80	Chandan Ray	ASU/230258	Chandan Ray	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				P	P	

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Pooja

Signature of the Head
School of Pharmacy
ARKA JAIN University Jharkhand

Purnima Mahato

Signature of the Event Coordinator

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ARKA JAIN
University
 Jharkhand

SCHOOL OF PHARMACY
 Event Registration cum
 Attendance Form

 Name of the Event: International Conference
"Emerging Trends in Drug Discovery & Designing" ETDD

 Date of the Event: 18.7.24 to 20.7.24

Sl. No.	Name of the Candidate	Enrolment No	Signature of the Candidate	Feedback						Would you like to attend this type of event/session in future	Attendance					
				How would you like this session/event	The speaker explained the topic clearly						D1	D2	D3	D4	D5	D6
				E	V	G	A	P	Y	N	Y	N				
21	Amyan Kumar	AJO/231494	Amyan	✓					✓		✓		P	P	P	
22	Tanya Kumar	AJO/230659	Tanya	✓					✓		✓		P	P	P	
23	Mini Kumar	AJO/221107	Mini	✓					✓		✓		P	P	P	
24	Pratiksha Chaudhary	AJO/221905	Pratiksha	✓					✓		✓		P	P	P	
25	NIKHIL TARA SORAN	AJO/221854	NIKHIL TARA	✓					✓		✓		P	P	P	
26	Lakshya Kumar	AJO/221371	Lakshya	✓					✓		✓		P	P	P	
27	Kamini Priya	AJO/221988	Kamini Priya	✓					✓		✓		P	P	P	
28																
29																
30																

*E-Excellent, V-Very good, G-good, A-Average, P-Poor

 Signature of the Head
 Dean

 School of Pharmacy
 ARKA JAIN University Jharkhand

Signature of the Event Coordinator

CERTIFICATE OF APPRECIATION



WRITE UP BY STUDENTS

INTERNATIONAL CONFERENCE

"EMERGING TREND IN DRUG DISCOVERY & DESIGNING (ETDDO)"
18-20th July 2024School of Pharmacy
Arka Jain UniversitySUMMARY

The International Conference has gathered the attention of our department in just few days which was a proud moment for all of us in University not only the moment we also learn about the great technologies trend and scope of AI and ML in pharmacy or healthcare field.

DAY-1

The day started with the lighting lighting of the ceremonial lamp.
The first address by Manoj Kumar Pathak Sir was mesmerizing.

The Vice Chancellor Dr. S.S. Razi Sir share his thought on the topic and praises the person behind choosing this topic.

Dr. Anand Tiwari (DSW) Address the gathering with motivational words.

Dr. Arvind Tiwari Sir share his thought on the AI and ML and how they impact the workflow of healthcare sector in this era.

The various clinicians share their view and of the topic.

Our next chief guest Prof. R.S. Thakur Sir brief us with the topic well.

Our next chief guest Dr. Dulal Krishna Tripathi Sir share his knowledge on the workflow trend in drug discoveries.

Then Address by our Dean Dr. Jagdish Prasad Sahas Sir. Then the oral presentation held by the various participants across globe.

Basically, First day was an introductory session.

DAY-2

First session was delivered by the Prof. R.S. Thakur Sir on the topic "CONCEPTUAL APPROACHES IN DRUG DISCOVERY". He basically talk about the history of the drug design system and highlights the trend then vs now and also give the knowledge of drug efficiency and security and process and phases of drug delivery system he also share with us some scientist name which was completely new and interesting to hear.

Then Prof. Dr. P. Sudhakar Kumar Sir talk on the topic "Synthetic strategies in phytochemical derived small molecules and their biological significance" as we were not familiar with the word Sir used in their topic but we get an idea of the topic.

Then Dr. Nagaraj Ravi Sir talk on the topic "Role of mRNA in today's drug discovery screening" the topic was the key to advancement in the field of genetic drug design as Sir also talk about the various points that how the mRNA transfer the genetic material and help to cure and its application.

As earlier the session and with the oral presentation by participants around the globe.

DAY-3

First session By Dr. Chitra Ranjan Sahas on the

2

pic "Recent therapeutic approaches of infectious diseases" The session was very interesting and also gathered the attention of the audience and talk about the latest infectious disease which is spreading and causing major health issues in the world. Dr. Anand Tiwari Sir also share his views on modern 3D printing ideas and their policies.

Dr. Bikash Nayak on the topic "Advance technology in pharmaceutical manufacturing" Sir share his thought about the recent trend that manufacturing industries are adopting to enhance the efficiency and security of drug.

- 07 3D Printing
- 07 Robotic Access
- 07 AI based software tools for testing
- 07 Continuous flow VS batch flow

Dr. Chandan Kumar Datta on the topic "Stratification protein degradation: A potential approach for new drug discovery in the treatment of Anthrax infection" Sir highlights the process that degrades the protein and also effect on quality and also talk about solution and their approach to correct it.

Dr. Shashank Shukla on the topic "Advanced integration of computer-aided drug design platform (CADD)" Sir highlights the use of modern technologies and their application to use in drug design process which not only speed up the process but also enhances security of drug and their availability.

Then the few participants share their thought on this day INTERNATIONAL CONFERENCE.

3

After such a long knowledgeable session the cultural dance and song make performance further enhance everyone who are involved in this grand success of the international conference.

Then we have our lunch and thought sharing with some of our seminar.

Personal Suggestion.

If there will be an short break among the session with some refreshment then it would be an more amazed conference.

ASHUTOSH RANJAN

AJU/230809

B. PHARM 2nd YEAR 3rd SEMESTER

Dr. Anand
23/07/24

4

EMERGING TRENDS IN DRUG DISCOVERY & DESIGNING18th July, 2024 (1st day of the session)

The International conference brought together leading scientists, researchers and industry professionals to discuss ground-breaking advancements and challenges in the field. The scientific sessions covered a diverse array of topics, from novel drug delivery systems to the latest in genomic & personalized medicine.

The first day of the session was an introductory session held by all the invited dignitaries, your esteemed presence was indeed a hallmark for the session.

Address by Francis Biondo, AMRA Polytechnic College, Philippines on CRISPR & its application as it holds the potential for treating genetic disorders by correcting mutations at their source. Conditions like sickle cell anemia, cystic fibrosis and muscular dystrophy are being targeted in preclinical & clinical trials. CRISPR is being used to enhance crop traits, such as importantly the yield and nutritional values.

Address by Guest of Honour Mr. Jai Ganesh, Hikkow Healthcare Private Limited, Thiruvandam Village, Kancheepuram, Tamil Nadu, India regarding new formulations related to drug discovery and development was a fruitful session & it equipped me with knowledge and various approaches in this field.

NAME-SOURISH NANDA
ENR-IND-AJU/230067

Address by Chief Guest: Professor (Dr.) Dilip Krishna Tripathi, Former Dean of the Faculty & Chairman BOS, Chhattisgarh Swami Vivekananda Technical University, India stated that the "The history of drug discovery & development is as ancient as human civilisation itself. From the use of herbs & natural compounds to more complex formulations & the ancient culture laid the foundational principles of pharmacology".

→ Research is more important than studies & student's interest + guidance + more research = New Drug Discovery.

19th July, 2024 (2nd day of the session)

The highlight of the session was held by Prof (Dr.) R.S. Thakur, Former Secretary, Pharmacy Council of India, New Delhi who presented on the topic Conceptual Approaches in Drug Discovery & Development.

→ Drug Repurposing involves the investigation of the existing drug for new therapeutic purposes.

→ Blockbuster drugs—A drug that generates at least \$1 billion in annual revenue for a pharmaceutical company e.g. Suberoyl (Treat Angina), Thiazolidine (for Antidiabetic).

→ Prontosil is a sulfonamide, first antibacterial drug & used to treat bacterial infections. Role of Edward Jenner on the remedy for chicken pox from cow pox. Marigam used as potent antifungal antibiotic. Urea stickamine first synthesized by Brahmanachari in India in 1933 helped in treatment of kidney.

→ Ayurveda poison cures acts at the neuromuscular junction to interrupt stimulation of muscle by nerve stimulation. James White Black observe stimulation of β -adrenergic system that increase the sympathetic drive & by consumption with cardiac tissue.

Use of translational medicine e.g. the half life of propranolol was reduced from 4-5 hrs to 9 mins (Ultra shorts to control fast heartbeats).

Lipinski's Rule of 5 is a thumb rule in drug discovery to predict if a chemical compound is likely to be orally active in humans.

Dr. Nagababu Rao, Managing Director, Rane Rao Raghunath Laboratories Pvt Ltd, New Mumbai, India presented his topic on the role of mRNA in today's drug discovery scenarios especially during COVID-19. Challenges Faced for delivery system of peptides, proteins:-

→ High molecular weight → Charged molecules.
→ 3D structure
→ Labile to pH

→ Cell penetrating proteins used for the delivery of molecules cargo into cells.

→ mRNA PEGylation (mRNA + Polyethylene glycol) helps protect mRNA from degradation by nucleases in the bloodstream, increasing its half life & ensuring that more mRNA reach the target site.

→ Minicircle DNA is a vector used to genetically alter mammalian cell.

20th July, 2024 (3rd day of the session)

Dr. Chitra Ranjan Sahoo, ICAR-Senior Post Doctorate Fellow, Department of Health Research, Ministry of Health & Family Welfare, Government of India presented his session on Recent Therapeutic Approaches of Infectious diseases.

→ He discussed about the kinds of diseases and their origin. 60% diseases are zoonotic & 75% are of animal origin.

→ A zoonosis is an infectious disease that has jumped from a non-human

→ More emphasis was put on the Anthrax disease which is a bacterial infection caused by the organism *Bacillus anthracis*. It mainly affects the tribal communities near forest areas & outbreaks are more predominant in the eastern states.

→ Zoonotic diseases associated with livestock & poultry like Salmonella, Influenza, E.coli, Q-fever etc.

Mr. Jayrath P. Baxar, RPh Pharmacy Faculty, AMRA Polytechnic College, Inc. Philippines presented his session on Integrating traditional & modern approaches in Drug Discovery, from in-vitro pharmacology of plant extracts to in-silico innovations.

→ Summary:-

→ Refers to the use of historical & ethnobotanical knowledge of medicinal plants & natural products. This includes practices from traditional medicine systems such as Ayurveda, Traditional Chinese Medicine & indigenous knowledge.

→ In-Silico - Refers to the use of computer simulations in drug discovery. This includes molecular docking, virtual screening & bioinformatics to predict the interactions & efficacy of potential drug candidates.

→ Personal Suggestions:-

→ The final day (food preparation) by the Faculty of pharmacy was very delicious.

Shweta
20/07/24

PRESS RELEASE

हिन्दुस्तान

जमशेदपुर, मंगलवार, 23 जुलाई-2024

अब 75 फीसदी बीमारियां पशुजनित, मांसाहार से परहेज जरूरी

जमशेदपुर, प्रमुख संवाददाता। अरका जैन यूनिवर्सिटी के स्कूल ऑफ फार्मेसी में तीन दिवसीय अंतरराष्ट्रीय संगोष्ठी का आयोजन किया गया। इसका विषय 'इमर्जिंग ट्रेड्स इन ड्रग डिस्कवरी एंड डिजाइनिंग' था। इसमें ड्रग डिस्कवरी और डिजाइनिंग के नए आयाम से संबंधित करीब 40 शोध पत्र पढ़े गए। कार्यक्रम के दौरान आईसीएमआर के साइंटिस्ट डॉ. चित्तरंजन साहू ने झारखंड एवं अन्य जनजातीय आबादी वाले क्षेत्रों में पशुजनित रोगों पर ध्यान आकर्षित कराते हुए कहा कि अब लगभग 75 फीसदी बीमारियां पशुजनित हैं और इससे

■ अरका जैन यूनिवर्सिटी में ड्रग डिस्कवरी और डिजाइनिंग के नए आयाम पर हुआ मंथन
■ यूनिवर्सिटी के स्कूल ऑफ फार्मेसी में तीन दिवसीय अंतरराष्ट्रीय संगोष्ठी का हुआ आयोजन



अरका जैन विश्वविद्यालय में आयोजित कार्यक्रम में भाग लेते अतिथि। • हिन्दुस्तान

बचने के लिए मांसाहार से परहेज करना चाहिए। स्टॉक में रखकर मांसाहार करने से बचना चाहिए। संगोष्ठी सैन पेड्रो कॉलेज फिलीपींस, आम्प्या पॉलिटेक्निक कॉलेज फिलीपींस एवं एमओयू पार्टनर

फोर्ट्स लेबोरेट्रीज, राणे राव रेशमिया लेबोरेट्रीज, जेपी कॉलेज ऑफ फार्मेसी, डेल्टा फार्मलेशन, शिक्षा ओ अनुसंधान, एमआईटी कॉलेज ऑफ फार्मेसी मुरादाबाद, आरआरआर के संयुक्त तत्वावधान

में हुई। संगोष्ठी के उद्घाटन सत्र में फार्मेसी काउंसिल ऑफ इंडिया के पूर्व सचिव प्रो. आरएस ठाकुर मुख्य अतिथि के रूप में उपस्थित थे। साथ ही फार्मेसी काउंसिल ऑफ इंडिया के एजीक्यूटिव कमेटी सदस्य धर्मेन्द्र

शोधपरक विचार किए गए प्रस्तुत

आईसीएमआर के साइंटिस्ट डॉ. चित्तरंजन साहू, आम्प्या पॉलिटेक्निक कॉलेज फिलीपींस के प्रो. जेराल्ड बासन, येल यूनिवर्सिटी अमेरिका के डॉ. छंद चरण दाता, अरबिंदो फार्मा के प्रबंधक डॉ. विकास नायक एवं इंस्टीट्यूट ऑफ लाइफ साइंस भुवनेश्वर शाशांक शेखर स्वेन ने शोधपरक विचार रखे। मौखिक प्रस्तुति में चालीस प्रतिभागियों में से श्वेता मिश्रा, डॉ. डीवाई पाटिल इंस्टीट्यूट ऑफ पीएच विज्ञान एवं अनुसंधान, पुणे, अरका जैन विधि से विराग अग्रवाल और जयपुर कॉलेज ऑफ फार्मेसी से मानसी खडंगा क्रमशः प्रथम, द्वितीय और तृतीय स्थान पर रहे। संचालन फार्मेसी की छात्रा सुष्टि श्रेया व प्रभोजित कौर एवं धन्यवाद ज्ञापन डॉ. सुमंत सेन ने किया।

सिंह ने मुख्य वक्ता के रूप में अपनी बातें रखीं। सम्मानित अतिथि हिब्रो हेल्थ केयर प्राइवेट लिमिटेड के एचआर प्रबंधक जय गणेश उपस्थित थे। अरका जैन के कुलपति प्रो. ईश्वरन अय्यर, कुलसचिव डॉ.

अमित कुमार श्रीवास्तव, स्कूल ऑफ फार्मेसी के डीन डॉ. ज्योतिर्मय साहू, सैन पेड्रो कॉलेज के प्रो. ऐडा फ्रेन्किलो व होली चाइल्ड सेंट्रल कॉलेज फिलीपींस के डॉ. एर्विन फालेर ने भी संबोधित किया।

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दैनिक जगरन, Jamshedpur, 23 July 2024

ड्रग डिस्कवरी और डिजाइनिंग पर मंथन

अरका जैन यूनिवर्सिटी के स्कूल ऑफ फार्मेसी में तीन दिवसीय अंतरराष्ट्रीय संगोष्ठी

JAMSHEDPUR (22 July) : अरका जैन यूनिवर्सिटी के स्कूल ऑफ फार्मेसी की ओर से आयोजित तीन दिवसीय अंतरराष्ट्रीय संगोष्ठी का समापन हो गया। इसका विषय 'इमर्जिंग ट्रेड्स इन ड्रग डिस्कवरी एंड डिजाइनिंग' था। इसमें ड्रग डिस्कवरी और डिजाइनिंग के नए आयामों से संबंधित करीब 40 शोध पत्र पढ़े गए। यह संगोष्ठी सैन पेड्रो कॉलेज फिलीपींस, आम्प्या पॉलिटेक्निक कॉलेज फिलीपींस एवं एमओयू पार्टनर फोर्ट्स लेबोरेट्रीज, राणे राव रेशमिया लेबोरेट्रीज, जेपी कॉलेज ऑफ फार्मेसी, डेल्टा फार्मलेशन, शिक्षा ओ अनुसंधान, एमआईटी कॉलेज ऑफ फार्मेसी मुरादाबाद और आरआरआर के संयुक्त तत्वावधान में आयोजित हुआ।

कही अपनी बात

संगोष्ठी के उद्घाटन सत्र में फार्मेसी काउंसिल ऑफ इंडिया के पूर्व सचिव प्रो. (डॉ.) आर एस ठाकुर



कार्यक्रम में शामिल अतिथि व अन्य.

अपनी बातें रखीं

संगोष्ठी के दूसरे दिन फोर्ट्स इंडिया लेबोरेट्रीज के वरिष्ठ प्रबंधक टी मुथुरिलापन, राणे राव रेशमिया लेबोरेट्रीज के प्रबंध निदेशक डॉ. नागराज राव, रॉयल कॉलेज ऑफ मेडिसिन कुआलालंपुर के डॉ. एस श्रीनिवास

मुख्य अतिथि और फार्मेसी काउंसिल ऑफ इंडिया के एजीक्यूटिव कमेटी सदस्य धर्मेन्द्र सिंह मुख्य वक्ता के रूप में अपनी बातें रखीं। वहीं हिब्रो हेल्थ केयर प्राइवेट लिमिटेड के एचआर प्रबंधक जय गणेश, कुलपति प्रो. ईश्वरन अय्यर, कुलसचिव डॉ. अमित कुमार श्रीवास्तव, स्कूल ऑफ फार्मेसी के डीन प्रो. (डॉ.) ज्योतिर्मय साहू, सैन

पात्र, शिक्षा ओ अनुसंधान के प्रो. पी सुधीर कुमार एवं कॉलेज ऑफ फार्मास्यूटिकल साइंसेज पूरी के डॉ. अभियंता मिश्र ने मेडिसिन डोज, कॉन्सपेटुअल एप्रोच, ड्रग डेलिवरी सिस्टम फिटोकेमिकल्स आदि विषयों पर अपनी बातें रखीं।

पेड्रो कॉलेज की प्रो. ऐडा फ्रेन्किलो व होली चाइल्ड सेंट्रल कॉलेज फिलीपींस के डॉ. एर्विन फालेर ने भी संबोधित किया। प्रो. आरएस ठाकुर ने कहा कि समय के साथ दवाओं का निर्माण नई बीमारियों को ध्यान में रखते हुए आम जनता के स्वास्थ्य के लिए अधिक से अधिक शोधपरक एवं तकनीकी रूप से पुष्ट करने की आवश्यकता है।

राष्ट्रगान के साथ समापन

तीसरे दिन आईसीएमआर साइंटिस्ट डॉ. चित्तरंजन साहू, आम्प्या पॉलिटेक्निक कॉलेज फिलीपींस के प्रो. जेराल्ड बासन, येल यूनिवर्सिटी अमेरिका के डॉ. छंद चरण दाता, अरबिंदो फार्मा के प्रबंधक डॉ. विकास नायक एवं इंस्टीट्यूट ऑफ लाइफ साइंस भुवनेश्वर शाशांक शेखर स्वेन ने अपने शोधपरक विचार रखे। डॉ. चित्तरंजन साहू ने झारखंड और अन्य जनजातीय आबादी वाले क्षेत्रों में पशुजनित रोगों पर ध्यान आकर्षित कराते हुए कहा कि अब लगभग पचहत्तर फीसदी बीमारियां पशुजनित हैं और इससे बचने के लिए मांसाहार से बचना चाहिए। मौखिक प्रस्तुति में चालीस प्रतिभागियों में से श्वेता मिश्रा, डॉ. डीवाई पाटिल इंस्टीट्यूट ऑफ पीएच. विज्ञान एवं अनुसंधान पुणे, अरका जैन विश्वविद्यालय से विराग अग्रवाल और जयपुर कॉलेज ऑफ फार्मेसी से मानसी खडंगा क्रमशः प्रथम, द्वितीय और तृतीय स्थान पर रहे। सांस्कृतिक गतिविधियों एवं राष्ट्रगान के साथ संगोष्ठी का समापन हुआ। संगोष्ठी का संचालन फार्मेसी की छात्रा सुष्टि श्रेया व प्रभोजित कौर एवं धन्यवाद ज्ञापन प्रो. सुमंत सेन ने किया।

जमशेदपुर, 23 जुलाई, 2024 दैनिक जागरण

बीमारियों से बचने के लिए मांसाहार का सेवन न करें : डा. चित्तरंजन साहू

जास, जमशेदपुर : अर्का जैन यूनिवर्सिटी गम्हरिया के स्कूल ऑफ फार्मेसी की तीन दिवसीय अंतरराष्ट्रीय संगोष्ठी का आयोजन किया गया। इसका विषय इमर्जिंग ट्रेड्स इन ड्रग डिस्कवरी एंड डिजाइनिंग था। इसमें ड्रग डिस्कवरी और डिजाइनिंग के नए आयामों से संबंधित करीब 40 शोध पत्र पढ़े गए। यह संगोष्ठी सैन पेड्रो कॉलेज फिलीपींस, आम्ब्या पॉलिटेक्निक कॉलेज फिलीपींस एवं एमओयू पार्टनर फोर्ट्स लैबोरेट्रीज, राणे राव रेशमिया लैबोरेट्रीज, जेपी कॉलेज ऑफ फार्मेसी, डेल्विन फार्मूलेशन, शिक्षा ओ अनुसंधान, एमआईटी कॉलेज ऑफ फार्मेसी मुरादाबाद, आरआरआर के संयुक्त तत्वावधान में आयोजित हुआ। समापन समारोह में आईसीएमआर के वैज्ञानिक डा. चित्तरंजन साहू, आम्ब्या पॉलिटेक्निक कॉलेज फिलीपींस के प्रो जेराल्ड ब्रासन, येल यूनिवर्सिटी अमेरिका के डा. छंद चरण दांता, ओरोबिंदो फार्मा के प्रबंधक डा. विकास नायक एवं इंस्टीट्यूट ऑफ लाइफ साइंसेस भुवनेश्वर के शशांक शेखर स्वैन ने अपने शोधपरक विचार रखे। डा. चित्तरंजन साहू ने झारखण्ड और अन्य जनजातीय आबादी वाले क्षेत्रों में पशुजनित रोगों पर ध्यान आकर्षित करवाते हुए कहा कि अब लगभग 75 फीसदी बीमारियां पशुजनित हैं और इससे बचने के लिए मांसाहार



अर्का जैन विश्वविद्यालय में ड्रग डिस्कवरी और डिजाइनिंग के नए आयामों पर आयोजित अंतरराष्ट्रीय संगोष्ठी में शामिल पदाधिकारी • जागरण

से बचना चाहिए एवं स्टाक रखकर मांसाहार से तो बिलकुल बचना चाहिए। संगोष्ठी के उद्घाटन सत्र में फार्मेसी काउंसिल ऑफ इंडिया के पूर्व सचिव प्रो (डा.) आर एस ठाकुर मुख्य अतिथि के रूप में उपस्थित थे। साथ ही फार्मेसी काउंसिल ऑफ इंडिया के कार्यकारिणी सदस्य धर्मेन्द्र सिंह ने मुख्य वक्ता के रूप में अपनी बातें रखीं। सम्मानित अतिथि हिब्रो हेल्थ केयर प्राइवेट लिमिटेड के एचआर प्रबंधक जय गणेश ने आयोजन की सफलता के लिए अपनी शुभकामनाएं व्यक्त कीं।

दैनिक भास्कर, जमशेदपुर, मंगलवार, 23 जुलाई, 2024

अर्का जैन यूनिवर्सिटी • तीन दिवसीय अंतरराष्ट्रीय संगोष्ठी दवाओं के निर्माण को अधिक शोधपरक एवं तकनीकी रूप से पुष्ट करने जरूरत

एजुकेशन रिपोर्टर | जमशेदपुर

अर्का जैन यूनिवर्सिटी के स्कूल ऑफ फार्मेसी की तीन दिवसीय अंतरराष्ट्रीय संगोष्ठी का आयोजन किया गया। इसका विषय "इमर्जिंग ट्रेड्स इन ड्रग डिस्कवरी एंड डिजाइनिंग" था। इसमें ड्रग डिस्कवरी और डिजाइनिंग के नए आयामों से संबंधित करीब 40 शोध पत्र पढ़े गए। यह संगोष्ठी सैन पेड्रो कॉलेज फिलीपींस, आम्ब्या पॉलिटेक्निक कॉलेज फिलीपींस एवं एमओयू पार्टनर फोर्ट्स लैबोरेट्रीज, राणे राव रेशमिया लैबोरेट्रीज, जेपी कॉलेज ऑफ फार्मेसी, डेल्विन फार्मूलेशन, शिक्षा ओ अनुसंधान, एमआईटी कॉलेज ऑफ फार्मेसी मुरादाबाद, आरआरआर के संयुक्त तत्वावधान में हुई। संगोष्ठी के उद्घाटन सत्र में फार्मेसी काउंसिल ऑफ इंडिया के पूर्व सचिव प्रो (डॉ.) आरएस ठाकुर मुख्य अतिथि के



रूप में उपस्थित थे। प्रो ठाकुर ने कहा कि समय के साथ दवाओं के निर्माण उभरते हुए नयी बीमारियों को ध्यान में रखते हुए आम जनता के स्वास्थ्य के लिए अधिक से अधिक शोधपरक एवं तकनीकी रूप से पुष्ट करने की आवश्यकता है। फार्मेसी काउंसिल ऑफ इंडिया के एजीक्यूटिव कमेटी सदस्य धर्मेन्द्र सिंह ने मुख्य वक्ता के रूप में अपनी बातें रखीं। सम्मानित अतिथि हिब्रो हेल्थ केयर प्राइवेट लिमिटेड के एचआर प्रबंधक जय गणेश ने अंतरराष्ट्रीय संगोष्ठी की सफलता के लिए अपनी शुभकामनाएं व्यक्त कीं।