



University Institute of Pharmacy

Pt. Ravishankar Shukla University

Raipur- 4920 10 (C.G.) INDIA, fax- +91-0771-2262832
email- directoruiop@gmail.com, Website: www.prsu.ac.in.

National Seminar **on** **“Exploring Novel Drug Delivery Approaches and Emerging Trends in Pharmaceutical Research”** **13th and 14th May 2022**

A two-day national seminar on "Exploring Novel Drug Delivery Approaches and Emerging Trends in Pharmaceutical Research" was organized by the University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur (C.G.) on the 13th and 14th May 2022. The objective of the Seminar was to develop and enumerate the various strategies employed to improve the success rates in pharmaceutical research and development and to enlighten the knowledge of significant novel approaches and technologies, as well as novel methods for pharmaceutical research, have emerged to meet this basic requirement. A total of 267 registrations were received out of which 226 online registrations and 41 offline registrations were done. Participants including the teaching fraternity and students attended the seminar. There was a total of six lectures of the eminent speakers in the two-days seminar. The inaugural function of the two-day program was held on the 13th of May 2022 at 12:30 pm at M. L. Shroff Hall of the University Institute of Pharmacy. The distinguished guests present at the inaugural function were the Chief Guest & Chief Patron of the Seminar honorable Vice-chancellor Sir Prof. K. L. Verma, Pt. Ravishankar Shukla University, Raipur (C.G.), Patron of the Seminar Prof. Shailendra Saraf, Founder Director, University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur (C.G.), Director, HRDC, PTRSU, Raipur C.G., Guest of Honor of Inaugural function, Prof. D. P. Kuity, UGC Visiting Prof., Jiwaji University, Gwalior, M.P, Special Guest Prof. N.S. Hari Narayan Moorthy, Dean, Faculty of Pharmacy, Dept. of Pharmacy, Indira Gandhi National Tribal University, Amarkantak, M.P, Chairperson of the Seminar Prof. Swarnlata Saraf, Director, University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur (C.G.). The Convener of the Seminar was Dr. S.J. Daharwal, Associate professor, University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur (C.G.) and organizing secretary of the Seminar was Dr. Manju Singh, Assistant professor, University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur (C.G.). All the distinguished guests graced the occasion with their eminent words and blessings.

The inaugural function started with the Saraswati Pooja and lamp lighting ceremony in presence of all dignitaries. The welcome note was presented by Dr. S. J. Daharwal, convener of the seminar. He welcomed all distinguished dignitaries, guest speakers, faculty members of the

university and the students. Chairperson of the seminar, Prof. Swarnlata Saraf elaborated on the theme of the seminar and mentioned the importance of research in field of pharmacy. Special Guest Prof. N.S. Hari Narayan Moorthy addressed the gathering and focused on the various approaches of nanocarriers for effective delivery of drug. Patron of the Seminar Prof. Shailendra Saraf, blessed the gathering with his eminent words and focused on the importance of enthusiasm and innovation in the field of research and pharmaceutical science. The program proceeded with the felicitation of the Guest of Honor of Inaugural function, Prof. D. P. Kuity by Honorable vice chancellor, Prof. K.L Verma sir. Prof. D. P. Kuity blessed the gathering with his words of wisdom. Honorable Vice chancellor addressed the gathering and appreciated for organizing national seminar on Exploring Novel Drug Delivery Approaches and Emerging Trends in Pharmaceutical Research for students and delivered a motivational speech on the importance of a novel drug delivery system. A vote of thanks was presented by the organizing secretary of the seminar, Dr. Manju Singh. She thanked the dignitaries and delegates for attending the program and wished everyone a fruitful seminar.

Day I- Technical Session

There were three technical sessions on the first day of the seminar that dealt with varying aspects of the central theme of the seminar. The First session started with the lecture addressed by Prof. N.S. Hari Narayana Moorthy, Dean, Faculty of Pharmacy Department of Pharmacy, Indira Gandhi National Tribal University, Amarkantak, MP. He explained the principle behind functionalized multi-walled carbon nanotube for targeted delivery of the anticancer drugs. This session was chaired by Prof. Preeti K. Suresh, University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur (CG). She gave the concluding remarks for the session.

The Second session was held via online mode with the lecture addressed by Prof. A.K. Shrivastava Professor Department of Pharmaceutics, Indian Institute of Technology (BHU), Varanasi, UP. He gave the deliberation on Pharmacy Education in India. This session was chaired by Prof. Shekhar Verma, University Institute of Pharmacy, Pt. Deendayal Upadhyaya health and Ayush University of Chhattisgarh.

The third session started with the lecture by Dr. Amit Alexander, Associate Professor, Department of Pharmaceutics, National Institute of Pharmaceutical Education and Research, Guwahati via online mode. He explained recent advancements and future directions for research in nanomedicine. This session was chaired by Dr. Amber Vyas Assistant Professor University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur (CG).

Lecture sessions were followed by Oral and poster presentation session given by participants which were evaluated by Dr. Nagendra Singh Chouhan, senior scientific officer at drugs testing laboratory Avam Anusandhan Kendra, Raipur (C.G.).

Day II-Technical Session

Day two of the seminar started with the fourth session addressed by Prof. Dhirender Kaushik, Dean and Chairman Department of Pharmaceutical Sciences, Gurugram University, Gurugram. He focused on the role of the development of new molecules with the help of transgenic models and the role of animal models in preclinical studies.

The fifth session started with the lecture addressed by Prof. Chanchal Deep Kaur Professor and Principal of Rungta College of Pharmaceutical Sciences and Research, Raipur (C.G.) dealing with targeted drug delivery. She explained various targeting methods including active, passive, ligand-mediated, dual, double, and lymphatic targeting.

The sixth session started with the lecture addressed by Dr. Ajazuddin, Principal, Rungta College of Pharmaceutical Sciences and Research, Bhilai (C.G). He elaborated on exosomes as a potential novel carrier for cancer treatment and diagnosis, their uses, and prospects with the use of molecular markers in the early detection of cancer. All the three sessions were chaired by Dr. S.J. Daharwal, Associate Professor University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur (C.G), and Dr. Anshita Gupta Soni, Principal, Shri Rawatpura Sarkar Institute of Pharmacy, Kumhari, Durg (C.G). This was followed by Oral and poster presentations given by participants which were evaluated by Mr. Arun Parihar, scientific officer at drugs testing laboratory Avam Anusandhan Kendra, Raipur (C.G.).

The valedictory program was held on 14th May 2022 in M.L. Shroff Hall of University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur (C.G.). The distinguished guests present at the valedictory function were the Chief Guest & Patron of the Seminar Prof. Shailendra Saraf, Founder Director, University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur (C.G.), Director, HRDC, PTRSU, Raipur C.G., Special Guest of valedictory function, Prof. Dharendra Kaushik, Dean and Chairman Department of Pharmaceutical Sciences, Gurugram University, Gurugram, Chairperson of the Seminar Prof. Swarnlata Saraf, Director, University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur (C.G.), Dr. Deependra Singh, Chairman ERC- PCI, Assistant Professor, University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur (C.G.). All the distinguished guests graced the occasion with their eminent words and blessings.

The valedictory function started with the Saraswati Pooja and lamp lighting ceremony in presence of all dignitaries. The brief report of the seminar was presented by Dr. S. J. Daharwal, convenor of the seminar. Dr. Deependra Singh, Chairman ERC- PCI, addressed the gathering with his eminent words and focused on the importance of Pharmacy education and the need and role of the pharmacist in Chhattisgarh state. The Chairperson of the seminar, Prof. Swarnlata Saraf appreciated the delegates for their active participation in two- days national seminar. Special Guest Prof. Dharendra Kaushik addressed the gathering and focused on the different aspects of emerging trends in pharmaceutical research. Patron of the Seminar Prof. Shailendra Saraf, blessed the gathering with his eminent words and appreciated delegates for their active participation in two days seminar and motivated students for being creative and innovative, and be skilled personal in the technical field. The program proceeded with the felicitation of Dr. Deependra Singh, Chairman ERC- PCI, Assistant Professor, University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur (C.G.). Prizes were distributed to the winners of the oral and poster presentation. Words of appreciation was presented by the organizing secretary of the seminar, Dr. Manju Singh. She thanked the dignitaries and delegates for successful completion of Two- days national seminar.

Glimpses of Event

DAY-1 (13TH May 2022)













DAY-2 (14TH May 2022)













Successful completion of seminar



UNIVERSITY INSTITUTE OF PHARMACY

Pt. Ravishankar Shukla University Raipur, Chhattisgarh, India

Organizes

National Seminar

on

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13th-14th May, 2022



Chief Patron
Prof. K. L. Verma
Vice Chancellor
Pt. Ravishankar Shukla
University, Raipur (C.G.)



Patron
Prof. Shailendra Saraf
Director, HRDC
Pt. Ravishankar Shukla
University, Raipur (C.G.)
Ex-Vice Chancellor,
Durg University, Durg
(C.G.)



Chairman
Prof. Swarnlata Saraf
Director
University Institute of
Pharmacy, Pt. Ravishankar
Shukla University, Raipur (C.G.)



Convener
Dr. S. J. Daharwal
Associate Professor
University Institute of Pharmacy
Pt. Ravishankar Shukla
University, Raipur (C.G.)



Organizing Secretary
Dr. Manju Singh
Assistant Professor
University Institute of Pharmacy,
Pt. Ravishankar Shukla
University, Raipur (C.G.)



Guest of Honour
Prof. D. P. Kuity
UGC Visiting Professor,
Jiwaji University,
Gwalior, M.P.



Special Guest
Prof. N.S. Hari Narayana
Moorthy
Professor
Dean, Faculty of Pharmacy
Department of Pharmacy,
Indira Gandhi National Tribal
University, Amarkantak, MP

Organizing Team :

- Prof. Preeti K. Suresh, Professor
- Dr. Deependra Singh, Assistant Professor
- Dr. Vishal Jain, Assistant Professor
- Dr. Amber Vyas, Assistant Professor
- Dr. Rajendra Jangdey, Assistant Professor
- Mr. Rakesh Tirkey, Assistant Professor
- Mr. Adeep Kujur, Assistant Professor

Venue: University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh, India

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VALEDICTORY PROGRAMME



Chief Patron
Prof. K. L. Verma
Vice Chancellor
Pt. Ravishankar Shukla
University, Raipur (C.G.)



Patron
Prof. Shailendra Saraf
Director, HRDC
Pt. Ravishankar Shukla
University, Raipur (C.G.)
Ex-Vice Chancellor,
Durg University, Durg (C.G.)



Chairman
Prof. Swarnlata Saraf
Director
University Institute of
Pharmacy, Pt. Ravishankar
Shukla University, Raipur (C.G.)



Convener
Dr. S. J. Daharwal
Associate Professor
University Institute of Pharmacy
Pt. Ravishankar Shukla
University, Raipur (C.G.)



Organizing Secretary
Dr. Manju Singh
Assistant Professor
University Institute of Pharmacy,
Pt. Ravishankar Shukla
University, Raipur (C.G.)



Special Guest
Prof. Deependra Singh
Chairman ERC-PCI,
Assistant Professor
University Institute of
Pharmacy, Pt.
Ravishankar Shukla
University, Raipur (C.G.)



Special Guest
Prof. Dharendra Kaushik
Professor
Dean, Faculty of Life sciences,
chairman, Department of
Pharmaceutical science,
Gurugram University,
Gurugram (Haryana)

Organizing Team :

- Prof. Preeti K. Suresh, Professor
- Dr. Deependra Singh, Assistant Professor
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- Dr. Rajendra Jangdey, Assistant Professor
- Mr. Rakesh Tirkey, Assistant Professor
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