Indore Institute of Pharmacy

3.1.1. Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last years (INR in Lakhs)

3.1.1.1: Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the last years (INR in Lakhs)

S. No.	Name of Agency	Title of Project	Status	Page number
1.	MPCST	'Current Challenges and Innovation in Pharmacovigilance and Drug Safety'	Applied For	1-22

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Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

Indore Institute of Pharmacy

To

Date: 14/06/2023

The Director General

M.P. Council of Science & Technology (MPCST)

Bhopal, Madhya Pradesh

Subject: Submission of Proposal for Conference on 'Current Challenges and Innovation in Pharmacovigilance and Drug Safety.

Dear Sir

I am writing to submit my proposal for the conference on 'Current Challenges and Innovation in Pharmacovigilance and Drug Safety' to be held on 08/09/2023 at Indore Institute of Pharmacy (NAAC-A accreditated), Indore.

In line with the conference theme, the submitted proposal highlighted the aim of the conference that is to shed light on emerging challenges and innovative strategies in pharmacovigilance and drug safety.

I believe that the insights shared in the submitted proposal will be valuable for the conference attendees, including researchers, industry professionals, regulatory authorities, and healthcare providers. I have attached three hard copies of detailed proposal for your reference. I eagerly await your response regarding the status of my submission.

Thank you and Warm Wishes.

Yours' Sincerely

Dr. Dinesh Kumar Mishra
Organizing Secretary
Principal, Indore Institute of Pharmacy
Indore, M.P.

14/6/23

Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

Enclosure:

1) Three copies of filled proforma
2) AICTE approval letter
3) PCI approval letter
4) RGPV affiliation letter
5) Cancelled cheque

Principal
Indore Institute of Pharmacy,
INDORE (M.P.)

Indore Institute of Pharmacy

M.P. COUNCIL OF SCIENCE &TECHNOLOGY

Vigyan Bhawan, Science Hills, MANIT Campus, Nehru Nagar – 462003

Phone No. : 0755 - 2433203, 2433182, 2671800 Fax: 2671600 Website: www.mpcost.nic.in

(Proforma for submission of application for Grant – in- Aid for organizing Seminar/ Symposia/ Workshops/ Trainings & Conferences)

(To be submitted in three typed copies)

1. **Name of Institution:** Indore Institute of Pharmacy
2. **Department:** Pharmacology
3. **Name of the organizers:**

1) Dr. Dinesh Kumar Mishra,

Designation: Principal

Full address: Indore Institute of Pharmacy, Indore (M.P.), pin code: 453331,

Mobile No: +91 9826345725

E-mail: dineshkumar.mishra@indoreinstitute.com

2) Dr. Rekha Bisht, Professor, Indore Institute of Pharmacy, Indore (M.P.), pin code: 453331,

Mobile No, +91 9752095118,

Email ID: rekha.bisht@indoreinstitute.com

4. **Nature of activity (Symposia, Seminar/Workshop/ Trainings/: Conference**
5. (a) **Proposed date (S)** : From 08/09/2023 To 08/09/2023

   (b) **Duration:** One day
6. **Title of the activity: (In English and in Hindi)**

(a) Hindi 'फार्माकोविजिलेंस एंड ड्रग सेफ्टी में वर्तमान चुनौतियां और नवाचार'

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7. Objectives (in about 200 words)

The goal of the National Conference on "Current Challenges and Innovation in Pharmacovigilance and Drug Safety" is to bring together experts, researchers, academicians, healthcare providers, and industry stakeholders to address major issues and consider novel approaches in the area of pharmacovigilance and drug safety. The following goals are sought to be accomplished by the conference:

Knowledge Sharing and Awareness: The conference aims to encourage participants to share their information, experiences, and best practices and raise awareness and understanding on current issues and new developments in pharmacovigilance and drug safety.

Addressing Challenges: The conference offers a forum for identifying and debating the pharmacovigilance and drug safety industry's current obstacles such as adverse drug reactions, prescription errors, drug interactions, and regulatory compliance.

Encouraging Innovation: The purpose of the conference is to provide cutting-edge techniques, technologies, tools, and approaches that can improve the efficacy and efficiency of pharmacovigilance systems.

Collaboration and Networking: The conference intends to promote networking and collaboration between researchers, academicians, medical experts, business representatives, and regulatory authorities.

Capacity Building: The conference intends to assist in the development of the skills of researchers and healthcare professionals in the area of pharmacovigilance and drug safety.

The National Conference on "Current Challenges and Innovation in Pharmacovigilance and Drug Safety" aims to foster knowledge exchange, address challenges, foster innovation, encourage collaboration, build capacity, and support the development of policy in the area of pharmacovigilance and drug safety.

(How the proposed activity is relevant to general society and likely to help in Development of Madhya Pradesh State)

The National Conference on "Current Challenges and Innovation in Pharmacovigilance and Drug Safety" is expected to have a variety of beneficial effects on the development of the state of Madhya Pradesh. It is very relevant to society at large. To protect the public's health,

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pharmacovigilance, which focuses on monitoring and evaluating drug safety, is crucial. By addressing current problems and fostering innovation in this area, the conference aims to improve the entire drug safety system. This will benefit society and the growth of Madhya Pradesh by:

1. **Ensuring Public Health and Safety:** The conference places a strong emphasis on the importance of pharmacovigilance and drug safety in preserving the general public's health and wellbeing. It will aid in the establishment of a strong pharmacovigilance system by addressing issues and encouraging innovation in this field, which will help in identifying adverse drug reactions, ensuring the safe use of medicines, and minimizing potential harm to patients.
2. **Improving Healthcare Quality:** By encouraging the prudent use of medications and avoiding pharmaceutical errors, effective pharmacovigilance techniques improve healthcare quality. The conference can help share knowledge, best practices, and modern drug safety strategies, enhancing the standards of healthcare provided in Madhya Pradesh.
3. **Promoting Investments and the Development of the Pharmaceutical Industry:** The pharmaceutical sector can flourish in an environment that has a strong pharmacovigilance and drug safety framework. A strong pharmacovigilance system can improve the state's standing as a desirable location for R&D, manufacturing, and clinical trials, resulting in economic growth and job prospects.
4. **Academic and Research Advancements:** The conference offers a forum for researchers, academicians, and industry professionals to exchange their findings, innovations, and experiences related to pharmacovigilance and drug safety. The development of an active research environment in Madhya Pradesh will advance scientific understanding, healthcare advancements, and state growth in general.
5. **Empowering Healthcare Professionals:** The conference provides healthcare professionals with the chance to improve their comprehension of pharmacovigilance and medication safety through educational sessions, and interactive discussions. It will significantly help to improve Madhya Pradesh's entire healthcare system by giving them access to the most recent information and training.

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6. **Promoting the Regulatory Framework:** The conference can be used as a forum for speakers to talk about the regulatory opportunities and difficulties in drug safety. Policymakers and regulatory authorities can benefit from the knowledge obtained from these discussions by enhancing the regulatory environment, ensuring the safe and effective use of medications, and creating an environment that is conducive to pharmaceutical activity in Madhya Pradesh.

8. Detailed back ground of the proposed Seminar/ Symposium/ Workshop etc. (In about 500 words under following heads):

i) Definition of the problem in the context of its relevance and priority for the region.

An adverse drug reaction (ADR) refers to any unintended and harmful response to a medication when it is used as prescribed or within normal doses for treatment, prevention, or diagnosis. ADRs can range from mild side effects, such as drowsiness or nausea, to severe reactions that can be life-threatening or cause significant harm.

Pharmacovigilance is the science and activities related to the detection, assessment, understanding, and prevention of adverse effects or any other drug-related problems. It involves monitoring and evaluating the safety of medications throughout their lifecycle, from preclinical development to post-marketing surveillance. The primary goal of pharmacovigilance is to ensure patient safety and promote the rational and safe use of medicines.

Pharmacovigilance and the management of adverse drug reactions are of utmost importance for any region's healthcare system. The relevance and priority of pharmacovigilance for a specific region depend on various factors such as the prevalence of certain diseases, the types of medications commonly used, the availability of healthcare resources, and the local regulatory framework. In every region, it is crucial to have an effective pharmacovigilance system to identify, assess, and manage adverse drug reactions. By doing so, healthcare professionals can enhance patient safety by detecting and preventing potential harms associated with medications. The priority given to pharmacovigilance in a region should be high to ensure the early detection and management of adverse drug reactions. It involves establishing robust reporting systems, encouraging healthcare professionals and patients to report suspected ADRs, analyzing the reported data, and disseminating relevant safety information to healthcare providers.

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By prioritizing pharmacovigilance, regions can strengthen their regulatory frameworks, improve patient safety, and contribute to global drug safety efforts.

ii) Background information, Survey or document data on the problem.

Drug safety is a major concern in all healthcare systems. Monitoring and reducing risks, such as adverse reactions and side effects, connected with drug use is necessary to ensure their safety. Drug safety is a topic that is actively being researched and dealt with by a number of organizations, regulatory authorities, and research institutions. Pharmacovigilance refers to the science and practices involved in the identification, evaluation, comprehension, and avoidance of unfavorable effects or any other drug-related issues. To gather and evaluate information on drug safety, regulatory authorities and pharmaceutical firms have set up pharmacovigilance systems.

ADRs have a significant impact on heath, with between 5% and 7% of all hospitalizations being due to an ADR and with a further 10% to 20% of all hospitalized patients experiencing an ADR during their hospital admission.
India is one of the global partners in the global programme and participates under the Ministry of Health and Family Welfare via the Pharmacovigilance Programme of India (PvPI).

The PvPI is a WHO initiative to scrutinize drug-induced mortality and morbidity in India. The PvPI is a collaborative project between WHO and Central Drugs Standard Control Organization (CDSCO), Ministry of Health and Family Welfare in India to prevent the ADRs. Collection, reporting and follow-up of the ADRs occurring among the patients are prime activities included under PvPI.
ADR monitoring centers (AMCs) are basic units of the PvPI, and it works at the national level intending to identify, analyse, characterise and estimate the extent of the problem associated with drug use. The programme aims to improve the vigilance on drugs, enhance patient safety and achieve better health benefits. Reporting ADRs at an institutional level provides valuable information about potential problems during drug usage in healthcare settings.
Promoting safe use of medicines is a priority of Indian Pharmacopoeia Commission that functions as the National Coordination Center (NCC) for Pharmacovigilance Programme of

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iv) Internal resources available at the organization and those expected from outside.

Internal resources available at the organization:

- The Institute has well equipped auditorium of capacity of more than 200 people.
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1) Current Perspective on Pharmacovigilance and its Significance
2) Drug Safety Overview: An Industrial Perspective
3) Current Challenges in Pharmacovigilance: Pragmatic Approaches

vi) Significance of the proposed activity in the development of scientific, technological acumen resulting into socio-economic alleviation of the region /Madhya Pradesh State.

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The national conference on "Current Challenges and Innovation in Pharmacovigilance and Drug Safety" can have significant implications for the development of scientific and technological acumen in the field of pharmacovigilance and drug safety. Here's how it can contribute to the socio-economic alleviation of the region, specifically Madhya Pradesh State.

Knowledge Enhancement: The conference brings together experts, researchers, and practitioners in pharmacovigilance and drug safety. By attending the conference, participants can gain insights into the latest research, developments, and best practices in the field. This knowledge enhancement can help improve the quality of scientific and technological expertise in Madhya Pradesh, leading to better healthcare practices.

Networking and Collaboration: The conference provides a platform for networking and collaboration among professionals in the field. Researchers, healthcare practitioners, and industry representatives can connect and establish partnerships, which can lead to collaborative research projects, knowledge sharing, and technology transfer. Such collaborations can foster innovation and drive the development of new drugs, therapies, and safety measures.

Addressing Current Challenges: Pharmacovigilance and drug safety face various challenges, including adverse drug reactions, counterfeit drugs, medication errors, and regulatory compliance. The conference can serve as a forum to discuss these challenges and explore innovative solutions. By addressing these challenges effectively, the region can enhance the safety and efficacy of medications, leading to improved health outcomes and reduced healthcare costs.

Economic Opportunities: A strong emphasis on pharmacovigilance and drug safety can attract investments from pharmaceutical companies, research institutions, and healthcare organizations. This can create economic opportunities in the form of research grants, funding for clinical trials, establishment of research facilities, and pharmaceutical manufacturing units. These investments can stimulate job creation, local entrepreneurship, and overall economic growth in Madhya Pradesh.

Improved Healthcare Infrastructure: The conference can draw attention to the need for robust healthcare infrastructure, including well-equipped hospitals, laboratories, and research centers. This can encourage investments in healthcare infrastructure development, which not only improves the quality of healthcare services but also attracts medical tourism and generates revenue for the region.

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Public Awareness and Education: The conference can play a crucial role in raising public awareness about the importance of pharmacovigilance and drug safety. Educating healthcare professionals, policymakers, and the general public about the risks associated with medications and the need for effective monitoring and reporting of adverse drug reactions can lead to safer healthcare practices. This, in turn, can contribute to improved health outcomes and reduced healthcare costs in the region.

Participants: (Approx. Number)

1. Outstation: 100

2. Local: 250

4. Resource Persons/ Special Invitees for guest lecture (Visiting Professor / Expert, not exceeding from 5 to 10 (Approx. Number: 03)

Sr. No. Name and Designation Address Specialization

Name of Speaker	Designation	Address	Specialization	Topic of Lectures
Dr. P.K. Mishra	Deputy Director,	National Institute for Research in Environmental Health (NIREH), Bhopal, India	Molecular Biology	Current Perspective on Pharmacovigilance and its Significance`
Dr. Nitin K. Jain	Scientist F	DBT, New Delhi	Regulatory Sciences & Bio-safety	Drug Safety Overview: An Industrial Perspective
Dr. Shirish D. Sherlekar	Global HeadLife Science Practice, Global Head Clinical Quality assurance	TATA Consultancy services, Indore	Clinical Services	Current Challenges in Pharmacovigilance: Pragmatic Approaches

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Financial Implications: (Permissible expenditure)

I. a. Participants TA (No. (Rs.)	NA
Outstation	
(Note: Incidental to be used by the Organizer)	
DA (No. (Rs.) Approx Rs	NA
b. Resource persons/ Special Invitees TA (No. (Rs.)	Approx Rs. 30000/-
Incidental	
DA (No. (Rs.)	Approx Rs. 20000/-
II. Secretarial assistance:	
(Part-time/ Full time staff	NA
Required Duration (days)	NA
Lab facilities Duration (days)	
III. Contingencies:	
a. Stationery, Postage:	Approx Rs. 40000/- (Including registration kit)
b. Petrol/ Diesel for Transport (_____ lit)	Approx Rs. 5000/-
IV. Laboratory /Workshop (Consumable material) specify:	NA
V. Printing of abstracts: & report of Seminar/ Workshop etc.	Approx Rs. 30,000/-
VI. Honorarium for Resource persons/ Special invitees for lectures) (Please give titles and names)	Approx Rs. 30,000/-

Resource persons:

1. Dr. P.K. Mishra, Deputy Director,
2. Dr. Nitin K. Jain, Scientist F
3. Dr. Shirish D. Sherlekar, Global HeadLife Science Practice

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FORWARDING NOTE

We have read the Terms & Conditions of the Grant – in – Aid for organizing the aforesaid Programme and agree to abide by them and we will submit the required documents within Three months after the event is organized.

Signature:

(Organizer)

Designation:

SIGNATURE

(Head of the Hosting Institute)

(Seal

12/6/23

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3. **Name of the organizers:**

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Designation: Principal

Full address: Indore Institute of Pharmacy, Indore (M.P.), pin code: 453331,

Mobile No: +91 9826345725

E-mail: dineshkumar.mishra@indoreinstitute.com

2) Dr. Rekha Bisht, Professor, Indore Institute of Pharmacy, Indore (M.P.), pin code: 453331,

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Email ID: rekha.bisht@indoreinstitute.com

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Public Awareness and Education: The conference can play a crucial role in raising public awareness about the importance of pharmacovigilance and drug safety. Educating healthcare professionals, policymakers, and the general public about the risks associated with medications and the need for effective monitoring and reporting of adverse drug reactions can lead to safer healthcare practices. This, in turn, can contribute to improved health outcomes and reduced healthcare costs in the region.

Participants: (Approx. Number)

1. Outstation: 100
2. Local: 250

4. Resource Persons/ Special Invitees for guest lecture (Visiting Professor / Expert, not exceeding from 5 to 10 (Approx. Number: 03)

Sr. No. Name and Designation Address Specialization

Name of Speaker	Designation	Address	Specialization	Topic of Lectures
Dr. P.K. Mishra	Deputy Director,	National Institute for Research in Environmental Health (NIREH), Bhopal, India	Molecular Biology	Current Perspective on Pharmacovigilance and its Significance'
Dr. Nitin K. Jain	Scientist F	DBT, New Delhi	Regulatory Sciences & Bio-safety	Drug Safety Overview: An Industrial Perspective
Dr. Shirish D. Sherlekar	Global HeadLife Science Practice, Global Head Clinical Quality assurance	TATA Consultancy services, Indore	Clinical Services	Current Challenges in Pharmacovigilance: Pragmatic Approaches

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Financial Implications: (Permissible expenditure)

I. a. Participants TA (No. (Rs.)	NA
Outstation	
(Note: Incidental to be used by the Organizer)	
DA (No. (Rs.) Approx Rs	NA
b. Resource persons/ Special Invitees TA (No. (Rs.)	Approx Rs. 30000/-
Incidental	
DA (No. (Rs.)	Approx Rs. 20000/-
II. Secretarial assistance:	
(Part-time/ Full time staff	
Required Duration (days)	NA
Lab facilities Duration (days)	NA
III. Contingencies:	
a. Stationery, Postage:	Approx Rs. 40000/- (Including registration kit)
b. Petrol/ Diesel for	
Transport (_____ lit)	Approx Rs. 5000/-
IV. Laboratory /Workshop	
(Consumable material) specify:	NA
V. Printing of abstracts:	Approx Rs. 30,000/-
& report of Seminar/ Workshop etc.	
VI. Honorarium for Resource persons/ Special invitees for lectures)	
(Please give titles and names)	Approx Rs. 30,000/-

Resource persons:

1. Dr. P.K. Mishra, Deputy Director,
2. Dr. Nitin K. Jain, Scientist F
3. Dr. Shirish D. Sherlekar, Global HeadLife Science Practice

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FORWARDING NOTE

We have read the Terms & Conditions of the Grant - in Aid for organizing the aforesaid Programme and agree to abide by them and we will submit the required documents within Three months after the event is organized.

Signature:

(Organizer)

Designation:

SIGNATURE

(Head of the Hosting Institute)

(Seal

12/6/23

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Date 13/6/2023
Signature

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