

# Newsletter of Ibn Sina Academy (NISA)

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Prof. Syed Zillur Rahman

## Editor

Prof. Syed Ziaur Rahman

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Aligarh, India**



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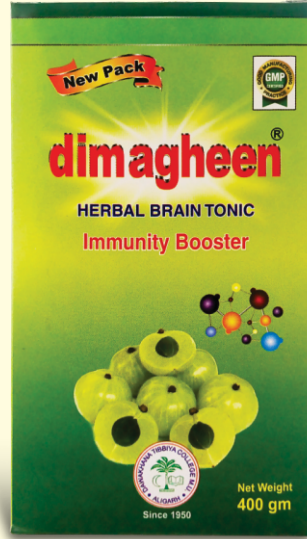
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# **Newsletter of Ibn Sina Academy (Issue 96)**

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**EVENTS AT IBN SINA ACADEMY**  
(October – December 2024)

### **Remembering Asrarul Haq Majaz on the 69th anniversary of his death**

To mark the 69th death anniversary of the renowned poet Asrarul Haq Majaz, Ehsan Foundation India organized a poetry session at Ibn Sina Academy on December 5, 2024.

The poets who presented their poems were Sarwar Sajid, Mushtaq Sadaf, Moid Rasheedi, Johnny Foster, Musharraf Hussain Mahzar, Mairajuddin Tishna, Nasim Noori, Danish Maharavi, Ghufuran Ahmad, Saddam Hussain, Sharif Khan Samar, Naseer Naadan.

On this occasion, a collection of books related to Asrarul Haq Majaz, housed at the Ghalib Study Centre of Ibn Sina Academy, was displayed, and the poetry collection of Mairajuddin Tishna, titled *Tishna Labi*, was also launched.

The function was presided over by Hakim Syed Zillur Rahman and was convened by Mushtaq Sadaf. The program was conducted by Musharraf Hussain Mahzar and was attended by many poets including guests such as Mr. Vivek Bansal (Former MLC, UP State), Prof. Syed Ziaur Rahman, Mr. Mujahid Raza, Engineer Rao S. A. Khan, Dr. Afshan Malik, Mr. Ghyasuddin Malik and Mr. Kamran Mintoe.

### **Book releasing Ceremony Sehat aur Agahi**

A book launch ceremony for *Sehat aur Agahi*, authored by Dr. Abdul Moiz Shams, took place on November 3, 2024. The event was organized by Anjuman Farogh Science (Aligarh Chapter) in collaboration with the Ibn Sina Academy.

The World Health Organization (WHO) plays a key role in celebrating World Health Days each year, focusing on a theme related to a global public health issue. These days provide a significant opportunity to raise awareness, deepen understanding of health concerns, and mobilize support for action, ranging from local communities to the international stage.

In addition, there are numerous other World Days observed throughout the year, each focused on specific health issues or conditions, ranging from Alzheimer's to Zoonosis. These days serve to raise awareness about particular health concerns and emphasize the importance of health and wellness to the public.

Dr. Shams wrote the book in Urdu with the aim of educating Urdu-speaking people about the importance of health and wellness. This distinctive book features 25 chapters, each focused on a specific health awareness day.

The chief guest of the book releasing function was Dr. Shams Equbal, Director National Council for Promotion of Urdu Language (NCPUL), Govt of India, while the guests of honour were Prof. Zafar Ahsan (Former Chairperson, Department of Mathematics, AMU), Prof Asad U Khan (Former Chairman, Department of Biotechnology) and Mr. Shaheen Nazar (Former editor, Arab News and Saudi Gazette).

The function was presided over by Padma Shri Hakim Syed Zillur Rahman and was attended by a large number of audiences. The vote of thanks was submitted by Prof. Syed Ziaur Rahman (Hony Treasurer, Ibn Sina Academy).

### **SSGE Special Function**

A special and enjoyable event for the School Support Group for Education (SSGE) students was held at Ibn Sina Academy on December 22, 2024. The function offered SSGE scholars a chance to interact with experts and well-wishers from around the world. SSGE, under the guidance of the Aligarh Education Endowment Fund (AEEF) and the American Society for Science, Engineering, and Technology (ASSET), provides ongoing mentoring to students. The program brings together well-wishers of all AMU schools, fostering strong connections and lasting memories.

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The distinguished guests were Dr. Razi Raziuddin from the National Cancer Institute, NIH, USA; Mr. Rizwan Ullah Khan, ASIC Design Engineer HPE from Silicon Valley, California USA; Prof. Ahmad Waseem from Queen Mary University of London, UK and Dr. Sibghatullah from Canada.

Dr. Razi Raziuddin and Mr. Rizwan Ullah Khan, gave motivational speeches, while Dr. Manzar Jamal and Prof. Suhail Sabir, threw light on the importance of the change being seen in education system in many schools.

Prof. Ahmad Waseem gave an in-depth discussion about his visionary project, FRIS, which focuses on research opportunities for residents of SAARC countries.

Students were thrilled to meet the esteemed core committee members of SSGE, as well as the foreign guests in attendance.

#### **SSGE students participates in Scriberation – 2024, a science Fair**

A group of SSGE students represented Ibn Sina Academy in Scriberation – 2024, a science Fair – organized by Islamic Mission School during 14 – 15th December, 2024.

The Student Support Group for Education (SSGE) is an initiative aimed at supporting AMU Schools through the efforts of the Aligarh Education Endowment Fund (AEEF) and Ibn Sina Academy.

Following project works presented:

1. Ecoheal: Revolutionizing wound with antimicrobial solution by Alfaiz, Aqsa Athar, Daniyal Ali, Nisha Khan and Sofia Khan
2. Space voyage by Kulsum, Ayesha and Adnan
3. Design and development of vertical for sustainable urban agriculture by Ilma.

Dr. Syed Ziaur Rahman (Honorary Treasurer, Ibn Sina Academy) congratulated all the participants and expressed his gratitude to Dr. Sadia Ayub (Scientist, CCRUM, Ministry of Ayush, Government of India), Engineer

Adnan Hafiz (Associate Professor, Department of Mechanical Engineering, ZHCET, AMU, Aligarh), and Dr. Md. Musawwer Khan (Associate Professor, Department of Chemistry, AMU, Aligarh) for their guidance and motivation to the students.

#### **Meeting for charitable dialysis center at Aligarh**

A productive discussion was held with the visiting team from the Hyderabad-based Dialysis Centre, operating under the auspices of the Helping Hand Foundation, at Mukhtar Manzil, Amir Nishan, Aligarh, on December 10, 2024. The meeting was hosted by Mrs. Parveen Mukhtar and attended by Mr. Imran Mohammed (Chief Manager, Dialysis Centre, Hyderabad), Mr. Mohammed Wajid Mehdi (Project Manager, Dialysis Centre, Hyderabad), Mr. Rais Ahmad (CEO, City Hospital, Aligarh), Mr. Rahat Sultan Israili (President, Insaniyat Foundation, Aligarh), Prof. Syed Ziaur Rahman (JNMC, AMU, Aligarh), and Mr. Fareed Nazim Farooqui (Blood Bank, JNMC, AMU, Aligarh).

The team then toured the proposed site for establishing another charitable dialysis center under the auspices of the Helping Hand Foundation at City Hospital, Aligarh, with financial support from the US-based organization SEED. The hospital has agreed to provide treatments either "free of cost" or "at cost" to the patients.

The team was impressed with the hospital's existing infrastructure and offered a few suggestions, which the hospital administration plans to address during the installation of the dialysis machines. The team also toured the Ibn Sina Academy.

#### **New Publications in the last Quarter**

1. Ibn Sina Academy main Ghalib Majallat, by Hakim Syed Zillur Rahman, ISBN: 978-81-970892-8-2; Price: INR 575

#### **DISTINGUISHED VISITORS**

1. Delegates, ICSSR Sponsored Research Methodology program, organized by the Department of Education at Aligarh

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Muslim University, 14.11.2024 (See below for details)

2. Ms. Shcherbak Elloria and Ms. Anusrasia Kinyaera, Moscow, Russia, 20.11.2024
3. Dr. Arshad Siddiqui, President and CEO at Paraza Pharma Inc., Canada, 25.11.2024. He came with his wife.
4. Dr. Sonal Saxena, Senior Vice President Lab Operations at Healthians Labs, Gurugram, 25.11.2024
5. Dr. Hussain S. Jasani, Head, South Asian Studies at the IIS, London, UK, 4.12.2024. He came with his wife.
6. Dr. Razi Raziuddin, Scientist, National Cancer Institute, NIH, USA, 22.12.2024
7. Mr. Rizwan Ullah Khan, ASIC Design Engineer HPE, Silicon Valley, California USA, 22.12.2024
8. Prof. Ahmad Waseem, Queen Mary University of London, UK, 22.12.2024
9. Dr. Nausheen H Waseem, Barts Cancer Institute, King's College of London, UK, 22.12.2024
10. Prof. Bikash Medhi, Postgraduate Institute of Medical Education & Research, Chandigarh, 20.12.2024

### ICSSR Sponsored Research Methodology program

On 14th November 2024, I led a session on the role of museums in preserving and protecting cultural heritage of historical and scientific significance. This session was part of the ICSSR Sponsored Research Methodology program, organized by the Department of Education at Aligarh Muslim University. The National Education Policy 2020 emphasizes the importance of cultural heritage in India and advocates for its promotion through education. It also stresses the value of cultural exposure and expression, along with fostering a sense of identity and belonging. In this regard, museums act as rich sources of knowledge, providing opportunities for learning beyond the traditional classroom in a more informal, quasi-classroom environment. Museums not only contribute to the preservation of cultural heritage but also play a key role in promoting community engagement and cohesion.

Submitted by Syed Ziaur Rahman

### MEMBERS' ACTIVITIES

#### Prof. Syed Zillur Rahman (President, Ibn Sina Academy)

#### Fakhr-e Alig of UAE awarded to Prof. Hakim Syed Zillur Rahman

AMU Alumni Association of UAE Fakhr-e Alig celebrates Sir Syed Day every year at Sharjah. In 2024, the executive body of the alumni association under the leadership of Mr. Mohammad Haroon Akmal, decided to honour dignitaries who have significantly contributed for the society from different walks of life. The two personalities who were selected for the first Fakhr-e Alig award were Prof. Hakim Syed Zillur Rahman from Aligarh and Mr. Inamur Rahman from Bhopal. The award was given at a glittering function organized at Holiday International Hotel, Sharjah, UAE during 18-20 October 2024

#### International Scientific and Practical Conference on Traditional (Folk)

Prof. Syed Zillur Rahman, as President, Ibn Sina Academy, was invited as guest during the III International Scientific and Practical Conference on Traditional (Folk) Medicine "Abu Ali ibn Sino (Avicenna) – The Pearl of the Medicine", at Samarkand, Uzbekistan, 12 October 2024. He chaired many sessions and got many accolades including a special memento from Avicenna Scientific & Cultural Foundation of Hamadan, Iran, for his contribution in the field of history of medicine.

#### Executive Committee Meeting of All India Muslim Educational Conference

The Executive Committee of the All India Muslim Educational Conference held its meeting on December 8, 2024, at its headquarters, Sultan Jahan Manzil in Aligarh.

The meeting was started with the recitation of holy Quran by Prof. Razaullah Khan (Hony. General Secretary, AIME Conference) followed by the confirmation of the minutes of the last meeting held on 7 July 2024. Two-minutes silence was observed due to the demise of one of the members of AIME Mr. Mir Mohammad Ali. The resignation of Mir Arif Ali Naqvi was accepted. It was informed

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that the registration of the AIME as a society was extended from the office of the Registrar of Society Registration Act, Agra. It was further resolved that grievance related issues with the Registrar of Society Registration Act, Agra, will be looked after by Mr. Asad Yar Khan (Joint Secretary, AIME).

The meeting was presided over by Prof. Hakim Syed Zillur Rahman. It was attended by EC members including Prof. Razaullah Khan, Mr. Nasim Waris, Mr. Mohd Ahmad Shewan, Mr. Khursheed Ahmad, Mr. Noorul Karim Khan, Mr. Syed Anzar Ahmad Sabri, Mr. Javed Said Khan and Mr. Asadyar Khan.

#### **Guest at Sir Syed Day Celebration at APS**

Hakim Syed Zillur Rahman was Invited as a guest during the Sir Syed Day Celebration at Aligarh Public School on October 26, 2024. Prof. Zakia A. Siddiqi (OSD) delivered a motivational speech followed by students and teachers' impressive speeches and poems in honour of Sir Syed Ahmad Khan, founder of Aligarh Muslim University.

#### **Professor Zakia Ather Siddiqi Honored with Women Icon of the Year Award 2024**

Professor Zakia Ather Siddiqi, Honorary Secretary, Ibn Sina Academy and OSD of Aligarh Public School, was honored with the prestigious Women Icon of the Year Award 2024 at a grand ceremony held at Town Hall, Puri, on December 31, 2024.

A distinguished Indian educationist, Professor Siddiqi is renowned for her significant contributions to women's education. She served as the Principal of the Women's College at Aligarh Muslim University (AMU), where she played a pivotal role in advancing academic excellence and empowering female students. She was recognized for her outstanding efforts in promoting academic excellence and fostering the growth of students and educators alike. Her visionary leadership and innovative teaching methods have set a benchmark for others to follow.

Under her dynamic guidance, Aligarh Public School has won the Digital India Competition

Award consecutively for four times in 2017, 2018, 2023 and 2024. This remarkable achievement highlights her dedication to nurturing a culture of innovation and excellence in school education.

The award was presented by the World Educational Welfare Foundation, a Government of Odisha undertaking, in recognition of her contributions to education and her positive impact on the community.

#### **Professor Abdul Latif receives 3rd Sheikh Zayed International TCAM Award 2024**

Prof. Abdul Latif, Joint Organising Secretary, Ibn Sina Academy, and former Chairman of the Department of Imlul Advia, Faculty of Unani Medicine at Aligarh Muslim University (AMU), has been honored with the 3rd Sheikh Zayed International Award for Traditional, Complementary, and Alternative Medicine (TCAM). The award ceremony, organized by the Lotus Holistic Institute, took place in Abu Dhabi.

The Sheikh Zayed International Award for TCAM is named after the late Sheikh Zayed Bin Sultan Al Nahyan, the founder of the United Arab Emirates (UAE). The award aims to recognize and honor eminent TCAM academics, scientists, and physicians globally for their distinguished contributions.

#### **Prof. S. Ziaur Rahman, Hony. Treasurer, Ibn Sina Academy and Chairman, Department of Pharmacology, JNMC, AMU, Aligarh, participated in the following conferences/seminars and events.**

##### **Dr. B. N. Pandey Oration during IPS Conference**

I am deeply honored to have received the prestigious Dr. B. N. Pandey Oration at the International Conference on Pharmacology and the 54th Annual Conference of the Indian Pharmacological Society, hosted by the Department of Pharmacology of the All India Institute of Medical Sciences, New Delhi, during 28 to 30 November 2024. Additionally, I had the privilege of chairing a scientific session in which international scientists and NRIs presented their research work conducted

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outside of India. The conference also provided a wonderful opportunity to reconnect with old friends and colleagues.

#### **5th Science Conclave cum National Biomedical Research Competition 2024**

Dr. Syed Ziaur Rahman, Chairman of the Department of Pharmacology, was appointed as a jury panel member for the prestigious competition at the 5th Chapter of the Science Conclave-cum-National Biomedical Research Competition 2024 (NBRCOM-2024) held at AIIMS, New Delhi.

The Society of Young Biological Scientists (SYBS) hosted the 5th edition of the Science Conclave-cum-National Biomedical Research Competition-2024 (NBRCOM-2024) at the All India Institute of Medical Sciences (AIIMS), New Delhi, in collaboration with Jawaharlal Nehru University (JNU), New Delhi during 2-3 December 2024.

This role provided Dr. Rahman with the opportunity to contribute to evaluating academic research and innovative projects among young biological scientists, fostering guidance and collaboration under the leadership of SYBS and JNU. His responsibilities included reviewing scientific research presentations and student-led collaborative projects competing for awards, with a total prize pool of Rs. 9 lakh across categories such as Health Sciences, Life Sciences, and Pharmaceutical Sciences.

Dr. Rahman remarked, "It is an honour to join this distinguished panel and collaborate with the vibrant research community in India. The NBRCOM and SYBS are well-recognized platforms that foster collaborative research, innovation, and mentorship opportunities, supporting the next generation of researchers in biological sciences." He added, "I am grateful to the organizing committee of the 5th Science Conclave-cum-National Biomedical Research Competition 2024 at AIIMS New Delhi, for inviting me as a member of the jury panel for the awards and prizes worth Rs. 9 lakh, jointly organized by AIIMS Delhi and JNU Delhi under the aegis of the Society of

Young Biological Scientists of India (SYBS India)."

#### **Sun Pharma Science Scholar Fellowships**

"Congratulations to all the recipients of the Sun Pharma Science Scholar Fellowships 2024 in Biomedical and Pharmaceutical Sciences, following the rigorous final selection process" remarked Dr. Syed Ziaur Rahman. The final event took place at the headquarters of Sun Pharma Company Ltd. in Gurugram on November 22, 2024, where Dr. Rahman was in attendance.

#### **Subject Expert, Standing Selection Committee (SSC) for the Assessment Promotion Scheme (APS) for the Faculty Members**

A meeting of the Standing Selection Committee (SSC) of AIIMS Bhopal for the Assessment Promotion Scheme (APS) for the Faculty Members of the Department of Pharmacology was held on December 22, 2024. Dr. Syed Ziaur Rahman, Chairman of the Department of Pharmacology, attended the meeting as a subject expert (Director's nominee) online.

#### **4th Asian Congress for Alternatives to Animal Experiments (4CAAEE) and the 7th Annual Meeting of the Society for Alternatives to Animal Experiments – India (SAAE-I)**

It was an incredible experience to participate in the three-days 4th Asian Congress for Alternatives to Animal Experiments (4CAAEE) and the 7th Annual Meeting of the Society for Alternatives to Animal Experiments – India (SAAE-I) during 12-14 December 2024. I played a pivotal role by chairing a key session featuring distinguished speakers from Korea, Japan, the USA, and Austria. I also had the privilege of witnessing the launch of the Asian Federation of Societies for Alternatives to Animal Experiments, with representatives from Japan, Korea, and China coming together to advance alternatives to animal testing. This marks a significant step forward for the future of NAMs in Asia!

During the conference, I was felicitated by the Executive Committee for my contributions in

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the field of alternatives, including the role as the organizing secretary for the 6th Annual Meeting of SAAE-I at JNMC, AMU, Aligarh, during the three-days 4th Asian Congress for Alternatives to Animal Experiments (4ACAAE) and the 7th Annual Meeting of the Society for Alternatives to Animal Experiments – India (SAAE-I), Jamia Hamdard, New Delhi, 12-14 December 2024.

#### **Omphalos Releasing Ceremony**

I had the pleasure of visiting the Residential Doctors Association (RDA) office on 29.10.2024 and being part of the historic magazine release ceremony. The event saw the participation of the University registrar Mr. Imran Ahmad and several senior college faculty members including Prof. S. Amjad Rizvi and Prof. Qazi Ehsan Ali. The RDA Magazine, titled *Omphalos*, is a beautifully designed publication with an impressive layout and composition. Congratulations to the editor, the editorial board, and the postgraduate members of my department Dr. Ammar Khalid and Dr. Surabhi Jain who contributed to its creation.

#### **Sir Syed Day Celebration at APS**

During the Sir Syed Day celebration at Aligarh Public School on October 26, 2024, students and teachers delivered impressive speeches and recited poems in honor of Sir Syed Ahmad Khan, the founder of Aligarh Muslim University. The program was attended by OSD Prof. Zakia A. Siddiqi, along with many teachers, students, and Dr. Syed Ziaur Rahman.

#### **Sir Syed Day Celebration at UAE**

Dr. Syed Ziaur Rahman was invited as a guest for the Sir Syed Day Celebration 2024, organized by the AMU Alumni Association of UAE, at the Holiday International Hotel in Sharjah, UAE, from October 18-20, 2024.

#### **National Seminar on Fostering Patient Safety: Role of Diagnostic Practices in Ayush**

I was invited to deliver a guest lecture during the the National Seminar on Fostering Patient Safety: Role of Diagnostic Practices in Ayush,

which was organised by the Central Ayurveda Research Institute (CARI) in New Delhi, in collaboration with the Central Council for Research in Ayurvedic Sciences (CCRAS) and the National Pharmacovigilance Coordinating Centre (NPvCC), All India Institute of Ayurveda, Ministry of Ayush, Govt. of India, New Delhi, to mark the International Patient Safety Day, at India International Centre, New Delhi during 17-18 September 2024. During the national seminar, I spoke on "Safe Disposal of Byproducts of Ayush Medicines in the Pharma Sector".

#### **DIA India Annual Meeting 2024**

Prof. Syed Ziaur Rahman, Chairman, Dept. of Pharmacology, JNMC, AMU, participated as a guest speaker at the 11th Drug Information Association (DIA) India Annual Meeting 2024, themed “Confluence of Care: Pharmacovigilance, Clinical Innovation, Regulatory Sciences, and Medical Devices Elevating Patient Safety,” which was held at Juhu, Mumbai.

With a growing global interest in Ayush systems such as Ayurveda, Unani, Siddha, and Homeopathy, the conference provided a timely platform to explore their safety profiles. In a special session focused on the pharmacovigilance of alternative medicine, Dr. Rahman, alongside Dr. Rajesh Kumawat, aimed to demystify the misconceptions and highlight the pharmacovigilance industry's perspective on herbal products. The session was expertly moderated by Dr. Vijay Venkatraman Janarthanan, CEO of Oviya MedSafe.

The event featured notable figures like Dr. Stewart Geary (Japan), Dr. Seema Jaitly (UK), Mr. Aman Wason (UK), Dr. Amrit Gill (US), Dr. Bhawana Awasthy (Syneos), Dr. Moin Don (Mumbai) as well as esteemed regulators including Dr. G. N. Singh, Mr. Sadhwani, Mr. Gahane and Ms Ania Mitan (SVP & MD, DIA EMEAI). This conference underscored India's emergence as a key player in the global healthcare sector, establishing it as a prime destination for outsourcing, which bodes well



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for the growth of Indian professionals in this field.

Dr. Rahman's previous involvement with DIA India in May 2016 further highlights his ongoing commitment to advancing the conversation around healthcare and pharmacovigilance. DIA continues to serve as a global platform since the 1960s thalidomide disaster that brings together life science professionals to engage on critical issues and explore future possibilities in a collaborative environment.

#### **International Scientific and Practical Conference on Traditional (Folk)**

Prof. Syed Ziaur Rahman, Chairman, Dept. of Pharmacology, Jawaharlal Nehru Medical College, was invited to deliver a Guest Lecture during the III International Scientific and Practical Conference on Traditional (Folk) Medicine "Abu Ali ibn Sino (Avicenna) – The Pearl of the Medicine", at Samarkand, Uzbekistan, 12 October 2024.

The Topic of the lecture was Single Drugs as mentioned in Avicennian Canon. He discussed the single drugs mentioned by Avicenna in his book Canon of Medicine and in the Treatise of Cardiac Drugs. In the presentation, he enumerated the sources of these drugs followed by the description of each drug's characteristics such as temperament, assessment of these temperament through experiment and analogy, potencies, extrinsic aspect, collection and storage as well as the method of standard procurement.

With reference to cardiac drugs, Dr. Rahman informed that Avicenna extended the list of cardiac drugs after observing his own experience and taking lead from Galenic Medicine.

Avicenna laid the foundation of Pharmacology of Cardiac systems. In his paper, Dr. Rahman showed the result of the meta-analysis related to efficacy thoroughly evaluated in clinical and experimental studies, and the major bioactive compounds identified from the plant sources. Large numbers of different plant parts and their extracts are found to possess cardio-

protection against doxorubicin or isoproterenol-induced myocardial infarction. Some of the medicines showed the effect as diuretic,  $\beta$  antagonist, Angiotensin II Blocker, Calcium Channel Blocker (CCB) and digoxin like activities. The same properties of the drugs are presently used in modern medicine in various cardiac ailments.

#### **DOCUMENTATION**

#### **Releasing Ceremony of Naya Hindustan Purana Musalman by Ashar Najmi**

A book release ceremony for *Naya Hindustan Purana Musalman* by Ashar Najmi was held at Al-Barkat Institute, Aligarh, on October 26, 2024.

Many eminent literary figures participated in the book release ceremony and spoke highly of the book. The following scholars particularly took part in the discussion: Dr. Ahmad Mujtaba, Janab Rizwanuddin Farooqui, Prof. Shafey Kidwai, Janab Ashar Najmi, Prof. Ghazanfar, Prof. Tariq Chattari, Prof. Mohd Sajjad, Prof. Nishat Fatima, Prof. Saghir Afrahim, Prof. Hakim Syed Zillur Rahman and Prof. Syed Mohd Ashraf.

#### **WAAW 2024 witnesses CME on ADRs**

The Adverse Drug Reaction (ADR) Monitoring Centre at JNMCH, AMU, Aligarh, organized a Continuing Medical Education (CME) session titled "Antimicrobial Resistance: A Pharmacovigilance Approach" on November 19, 2024 as a part of World Antimicrobial Resistance Awareness Week (WAAW 2024). The event, held under the auspices of the Pharmacovigilance Programme of India (PvPI), Indian Pharmacopoeia Commission (IPC), Ministry of Health & Family Welfare, Government of India, was specifically designed for the nursing staff of JNMCH, AMU. A total of 93 participants attended the CME.

Prof. Syed Ziaur Rahman, Coordinator of the AMC, welcomed the attendees and emphasized the importance of the nationwide Pharmacovigilance Programme and the crucial role of nursing staff in ADR monitoring. The

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Chief Guest, Prof. Veena Maheshwari, Dean Faculty of Medicine and Principal JNMC, AMU, urged the nursing staff and other healthcare professionals to report all types of suspected adverse reactions related to pharmaceutical products, regardless of whether they are known or unknown, serious or non-serious, frequent or rare.

During the scientific session, Prof. Fatima Khan, Convener of the Antimicrobial Stewardship Committee in the Department of Microbiology, JNMC, AMU, Aligarh, discussed the role of the Antimicrobial Stewardship Programme at JNMC. Prof. Syed Ziaur Rahman also spoke about the function of the ADR Monitoring Centre, sharing interesting cases reported by AMC, JNMC. Mr. Gufran Ali, Pharmacovigilance Associate at AMC-PvPI, JNMCH, AMU, explained the ADR reporting form and provided hands-on training to the participants on how to complete the form.

Ms. Hooma Ruhi, Assistant Nursing Superintendent at JNMCH, AMU, delivered the vote of thanks, while Dr. Riya Sharma, Junior Resident in the Department of Pharmacology, conducted the proceedings of the programme.

### **Ashtriyā Ekta Diwas Pledge-Taking Ceremony at Dept. of Pharmacology**

To commemorate the birth anniversary of India's first Home Minister, Sardar Vallabhbhai Patel, and reaffirm the commitment to national unity and integrity, the Department of Pharmacology at J.N. Medical College, AMU, Aligarh, organized a Rashtriyā Ekta Diwas (Unity Day) pledge-taking ceremony on October 30, 2024.

Professor Syed Ziaur Rahman, the Chairman of the Department, administered the oath and highlighted Sardar Vallabhbhai Patel's vital role in nation-building. The event aimed to foster national unity, solidarity, and integrity among citizens. Professor Rahman shared insights into Patel's early life, his involvement with the Indian National Congress, his contributions to the freedom struggle, and his

pivotal role in uniting the princely states into sovereign India. He encouraged PG students to visit the Sardar Patel Museum in Anand, Gujarat, dedicated to Patel's life, work, and photographs, mentioning his own visit to the museum and to Vallabh Vidyanagar, an educational hub in Gujarat. Faculty members, PG students, and non-teaching staff of the Department attended the event.

### **Guest Lecture by Dr. Arshad Siddiqui, President & CEO Paraza Pharma Inc., Canada at Dept. of Pharmacology**

The Department of Pharmacology hosted a guest lecture by Dr. Arshad Siddiqui on the topic "From Scientist to Entrepreneur: A Journey." Dr. Siddiqui, a renowned scientist and entrepreneur, shared his inspiring career trajectory, beginning with his educational journey at Aligarh Muslim University (AMU), where he completed his M.Sc. and M.Phil. in Chemistry. He then advanced his studies at Lakehead University and the University of Waterloo, Ontario, earning an M.Sc. in Chemical Physics and a Ph.D. in Organic Chemistry.

Dr. Siddiqui discussed his professional experience at Shire-Biochem Pharma in Montreal, Canada, where he worked as a drug discovery scientist from 1990 to 2001. His research focused on virology, particularly HIV, HBV, and HCV, and he co-invented the anti-HIV drug Lamivudine (3TC). He also developed three drug candidates that progressed to clinical trials and received the prestigious Prix-Galien award for his contributions.

Dr. Siddiqui elaborated on the challenges and opportunities he faced while transitioning from a scientist to an entrepreneur. He shared valuable insights into his company, Paraza Pharma Inc., emphasizing the importance of a collaborative, egalitarian business culture that fosters innovation. The session concluded with an interactive Q&A, where residents had the opportunity to engage with Dr. Siddiqui and gained insights into his business model in the pharmaceutical industry, addressing queries related to innovation, entrepreneurship and the

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challenges of running a successful pharma company.

The session was chaired by Prof. Syed Ziaur Rahman, Chairman, Dept. of Pharmacology, JNMC, AMU, Aligarh, was well-received by the audience. Dr. Riya Sharma conducted the session, and Dr. Jameel Ahmad on behalf of the Dept. presented a token of appreciation to the speaker.

#### **Guest Lecture by Professor Ahmad Waseem from UK at Dept of Pharmacology**

The Department of Pharmacology hosted a distinguished guest lecture by Professor Ahmad Waseem on "An Introduction to the FRIS (Friends of Researchers in the Indian Subcontinent)." The session began with an introduction of the speaker by Prof. Syed Ziaur Rahman, Chairman of the Department of Pharmacology. Professor Waseem, an expert in Molecular and Cellular Oral Biology, is currently affiliated with the Centre for Immunobiology and Regenerative Medicine at the Institute of Dentistry, Queen Mary University of London (QMUL), UK. He holds a PhD in Biochemistry from Jawaharlal Nehru Medical College, AMU, India, and completed post-doctoral research at the University of Chicago.

During his lecture, Professor Waseem introduced the FRIS charity, which promotes the advancement of biomedical education and encourages research collaboration between the UK/EU and the Indian subcontinent. He highlighted the significance of collaborative biomedical research in combating diseases and enhancing global health. Professor Waseem's presentation emphasized the power of international collaboration in advancing medical science. Attendees actively participated in the discussion, asking questions and gaining valuable insights into global research initiatives.

The session, chaired by Prof. S. M. Hadi (Former Dean, Faculty of Life Science) and Dr. Naushin H. Waseem (Barts Cancer Institute, King's College London), was well-received by the audience. Dr. Riya Sharma

conducted the session, and Dr. Jameel Ahmad on behalf of the Dept. presented a token of appreciation to the speaker.

#### **JNMC Faculty and Residents Shine at IPSCON-2024 at AIIMS, New Delhi**

The Department of Pharmacology at Jawaharlal Nehru Medical College (JNMC), Aligarh Muslim University (AMU), Aligarh, reached a notable milestone during the Indian Pharmacological Society Conference (IPSCON-2024) held at AIIMS, New Delhi, from November 28th to 30th, 2024. Faculty members and residents actively engaged in the event, demonstrating their academic excellence and research expertise.

Prof. Syed Ziaur Rahman, Chairman of the Department of Pharmacology, was felicitated with the prestigious Dr. S. B. Pandey Oration Award. He delivered an insightful lecture on the topic "Exploring Medicinal Plants for Morphine De-addiction", which garnered widespread acclaim for its innovative approach and relevance in modern pharmacological research. Dr. Rahman also chaired a scientific session.

Dr. Jameel Ahmad, Assistant Professor, presented his study on the "Evaluation of the Effectiveness of Different Inhalers in Patients with Chronic Obstructive Pulmonary Disease," comparing the performance of various inhalers across pediatric, adult, and geriatric populations. In his guest lecture, "Microplastics: Emerging Challenge for Pharmacology," Dr. Syed Shariq Naem, Assistant Professor, emphasized the critical issue of microplastic pollution and its impact on pharmacological science. Dr. Irfan Ahmad Khan, also an Assistant Professor, presented his research titled "Evaluation of radio-contrast agent-induced adverse reactions in patients undergoing radiological procedures."

The residents Dr. Aditya Vikram Singh, Dr. Ammar Khalid, Dr. Vibhu Pandey, Dr. Abhijit Shridhar, and Dr. Neil Patel showcased their research work, while others, including Dr. Abhinav Tiwary, Dr. Pragya Hungma Subba, Dr. Shiny, Dr. B. Bharat Srivatsava, Dr.

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Amrita Kumari Pandey, Dr. Pragna Roy, Dr. Anju Joshua, Dr. Puneet Palliwal, Dr. Riya Sharma, and Dr. Surbhi Jain, participated as delegates, enhancing their academic experience.

The active involvement of JNMC's faculty and residents at IPSCON-2024 underscores the department's commitment to academic excellence and advancing pharmacological research. The event provided a valuable platform for knowledge exchange, collaboration, and innovation, further solidifying AMU's standing in the global academic community.

#### **Residents of the Department of Pharmacology bring honor and recognition**

The Department of Pharmacology at Jawaharlal Nehru Medical College (JNMC), Aligarh Muslim University (AMU), felt proud to congratulate its junior residents, Dr. Amrita Kumari Pandey and Dr. Pragna Roy, for securing financial support for their MD theses under the esteemed HRD Scheme of the Department of Health Research (DHR) for the 2024-25 financial year.

Dr. Amrita Kumari Pandey's thesis, titled "A Study to Evaluate the Clinical Effectiveness of Multi-genetic Pharmacogenomics-guided Treatment in Drug-naïve Schizophrenics in the Northern Indian Population: An Open-label, Randomized Controlled Trial," seeks to incorporate pharmacogenomics into schizophrenia treatment, potentially revolutionizing psychiatric care by customizing interventions based on individual genetic profiles. Her research aims to personalize treatment approaches, offering a groundbreaking advancement in mental healthcare.

Dr. Pragna Roy's thesis, titled "Comparative Study for Efficacy of L-Carnitine and N-Acetyl Cysteine on Iron Overload-induced Oxidative Stress in Patients with Thalassemia: A Randomized Controlled Trial," explores novel therapeutic strategies to combat oxidative stress in thalassemia patients, with the goal of enhancing clinical outcomes and

improving quality of life. Her work focuses on innovative treatment options to address oxidative stress, a crucial step in better managing thalassemia.

In addition to these achievements, both residents have been recognized in the Best Thesis Protocol Award competition organized by the Department of Psychiatry, JNMC, AMU. Dr. Amrita Kumari Pandey won the First Prize (Dr. Abu Qamar Siddiqui Memorial Award), while Dr. Pragna Roy secured the Third Prize (Mr. Abdur Rehman Memorial Award). This prestigious competition encourages research excellence among first-year MD/MS postgraduates at JNMC and Dr. Ziauddin Ahmad Dental College, offering a platform to highlight their research talents.

These remarkable accomplishments reflect the commitment of the Department of Pharmacology, led by Professor Syed Ziaur Rahman, to promote exceptional research and academic excellence. The faculty and residents of JNMC extended heartfelt congratulations to Dr. Pragna Roy and Dr. Amrita Kumari Pandey on these prestigious achievements, which bring pride to AMU and reinforce its reputation as a leader in cutting-edge medical research and education.

#### **PG Scholars Excel at the 40th Annual National Workshop on Clinical Pharmacology at PGIMER, Chandigarh**

Twelve postgraduate scholars from the Department of Pharmacology at Jawaharlal Nehru Medical College (JNMC), Aligarh Muslim University (AMU), recently took part in the six-days 40th Annual National Workshop on Clinical Pharmacology (NWCP 2024) held at the Postgraduate Institute of Medical Education and Research (PGIMER) in Chandigarh. This prestigious workshop, organized by the Clinical Pharmacology Unit of PGIMER's Department of Pharmacology, attracts leading experts in clinical pharmacology and emerging researchers from across India.

JNMC was represented by a committed team of junior residents across all three academic

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years. The first-year participants included Dr. Pragna Roy, Dr. Swati Gulla, Dr. Surbhi Jain, Dr. Riya Sharma, Dr. Amrita Pandey, and Dr. Anju. The second-year residents were Dr. Bharat and Dr. Abhinav Tiwari, while the final-year participants included Dr. Anam, Dr. Vibhu Pandey, Dr. Aditya Vikram Singh, and Dr. Sreemedha Chaudhry.

The workshop featured expert lectures, interactive sessions, and valuable opportunities for participants to enhance their clinical and research skills. Each day included hands-on sessions, allowing delegates to engage in studies related to cardiovascular and central nervous systems, clinical trial ethics, and training on advanced analytical instruments like Therapeutic Drug Monitoring (TDM), HPLC, LC-MS/MS, and auto-analysers. In addition to the lectures, attendees showcased their work through poster presentations and participated in a competitive quiz. Dr. Anam, a third-year resident, won first prize in the poster presentation category for her outstanding research in experimental pharmacology. In the quiz competition, two JNMC teams advanced to the finals. Team 1, comprising Dr. Vibhu Pandey and Dr. Anam, and Team 2, made up of Dr. Sreemedha Chaudhry and Dr. Swati Gulla, both performed admirably, with Team 2 ultimately secured second place in a closely fought final round.

The achievements of JNMC at NWCP 2024 highlight the institution's dedication to academic excellence, research innovation, and clinical expertise, marking a significant milestone for the Department of Pharmacology and the entire JNMC community.

#### **ASSET Annual Hybrid Conference 2024**

A two-day ASSET Annual Hybrid Conference 2024 was hosted by the American Society of Science, Engineering and Technology at Government Center, Waltham (Boston), MA, USA, during December 21, 2024 (Online) and December 22, 2024 (Offline). The conference had the presentations right from the High School students till the undergraduate,

postgraduate and postdoctoral fellows alongside the Senior Scientists, Clinicians, Corporate Scientists, belonging to the national and international institutions around the globe. All delegates actively participated and interacted in the conference. The presentations were highly innovative, informative and excellent in nature and were appreciated by the audience.

It is the vision of ASSET to have senior speakers and junior presenters all together to participate and contribute in Science, Technology, Engineering and Mathematics (STEM) to make "Budding Future Scientists".

The chief guest Dr. Irshad Ahmed, PhD (Director, Climate Business & Innovation Group & Education Counselor of Admission, MIT, Cambridge, USA) distributed awards to all offline participants. The welcome remarks were given by Dr. Asiya Karim (Online) from Beth Israel Deaconess, Boston, MA, USA, and Ms. Zahra Karim (In-Person) from Georgia Tech., Atlanta, GA, USA.

The Senior Speakers (Online, Dec. 21) were Prof. Sulie L. Chang (Institute of Neuroimmune Pharmacology, Seton Hall University, South Orange, NJ, USA), Prof. Kaiser Jamil (Head of Genetics Department, Bhagwan Mahavir Medical Research Center, Hyderabad, TG, India), Prof. Syed Ziaur Rahman (Jawaharlal Nehru Medical College, Aligarh Muslim University, Aligarh, India), Prof. Mushtaq A. Memon (Specialist, US Fulbright Scholarship Program, Washington State University, Pullman, WA, USA), Prof. Mohammed Masood Ahmed (Chief Operating Officer, Bibi Cancer Hospital, Hyderabad, TG, India), Dr. Zareen Amtul (University of Windsor, Windsor, ON, Canada).

Following undergraduate / postgraduate / postdoctoral fellows presented papers online on December 21: Dr. Zahid Asghar (May-Van Clinic, Brampton, ON, Canada), Dr. Yusuf Shaikh (Dow Univ. of Health Science, Karachi, Sindh, Pakistan), Dr. Adeeba Kareem (Virginia Commonwealth University, Richmond, VA, USA), Mr. K.

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Hidayathabideen (RVS College of Pharmaceutical Sciences, Coimbatore, TN, India), Ms. Bouchekioua Dounia (University of Technology of Compiègne, Compiègne, France), Mr. Ahad Asghar/Arjun Stenger (Western University, London, ON, Canada), Ms. Mehwish Mirza (Inst. of Neuroimmune Pharmacology, Seton Hall University, South Orange, NJ, USA).

Following High School Student were the Presenters (Online, Dec. 21). In Symposium-I, Ms. Dhiqra Essa (Northwest High School, Germantown, MD, USA) and the Group led by Dr. Sadia Ayub, from India, where, Aqsa Athar, Mohammed Roohan, Insha Pervez and Uzaifa, presented their project-based research works.

In Symposium-II, the group led by Saeefh Essa, Northwest High School, Germantown, MD, USA., includes Mohammed Bejoul, Montgomery College, Ajrin Nawaz, Rock Ridge High School, Roshini Suresh, Montgomery College, Puran Patel, Montgomery College, Saeefh Essa, Northwest High School, Germantown, MD, USA., Onara Muthukumarana, Stephen Lewis Secondary Lewis, Thornhill, ON, Canada, Diya Kamalabharathy, Poolesville High School, Poolesville, MD, USA.,

The following senior speakers (In-Person, Dec. 22) participated Dr. Asma Ejaz (Tufts University, Boston, MA, USA), Dr. Kana Ishimatsu (Brandeis University, Brigham and Women's Hospital, Boston, MA, USA), Dr. Muhammad Shaban (Massachusetts General Brigham, Boston, MA, USA), Asst. Prof. Shingo Yasuhara (Massachusetts General Hospital, Harvard Medical School, Shriners Hospital for Children, Boston, MA, USA), Dr. Saleem Shaik (Osmania University, Hyderabad, TG, India).

Undergraduate / Postgraduate / Postdoctoral Fellow Presenters (In-Person, Dec. 22): Amine Bouchekioua (Brigham and Women's Hospital, Boston, MA, USA), Erica Yasuhara (Wellesley College, Wellesley, MA, USA),

and Sara Ahmad (Harvard Medical School, Boston, MA, USA).

High School Student Presenters (Online, Dec. 21) were Alyssa Yasuhara and Izn Ali, respectively, from Newton North and South High School, Newton, MA, USA.

The Moderators (Online & In-Person) were Dr. Zareen Amtul, University of Windsor, Windsor, ON, Canada, Dr. Asma Ejaz, PhD (In-Person), Tufts University, Boston, MA, USA. Anchors (Online & In-Person) were Arsh Faisal (Online), Lexington High School Lexington, MA, USA., Arham Aziz (Online), Sir Wildfrid Laurier Secondary School London, ON, Canada, Amine Bouchekioua (In-Person), Brigham and Women's Hospital Boston, MA, USA., Erica Yasuhara (In-Person), Wellesley College, Wellesley, MA, USA.

Chairs (Online & In-Person) were Dr. Sadia Ayub (CCRUM, Aligarh, India), Alyssa Yasuhara (Newton North High School, Newton, MA, USA), Aliya Firdaus (IITM Murthal, Sonapat, India), Warisha Perween and Needa Nahid (Medezy Institute of Sciences, Patna, Bihar, India).

Social Media Manager was Ms. Masarat Begum (Hyderabad, India). Vote of Thanks was given by Arsh Faisal (Online), Lexington High School, Lexington, MA, USA., Soha Shaikh (In-Person), R.J. Grey Junior High School, Acton, MA, USA. Welcome Message for ASSET Annual Hybrid Conference 2025 was given by Arham Aziz (Online), Sir Wildfrid Laurier Secondary School, London, ON, Canada and Azm Ali (In-Person), Newton South High School, Newton, MA, USA.

The Organizing Committee of the ASSET, paid thanks to all participants including Mr. Mohd. Sabir Shaikh, Dr. Rezaul Karim, Prof. Mohamed M. Essa, Dr. Tameem Murtaza, Mrs. Khuteja Begum Dr. Mohammed Abdul Sattar Khan, and all the Moderators, Anchors and Chairs for putting their well-coordinated and professional efforts for the success of the 4th ASSET Annual Hybrid Conference 2024.



## CENTRAL COUNCIL FOR RESEARCH IN UNANI MEDICINE

### Ministry of AYUSH, Government of India

The Central Council for Research in Unani Medicine (CCRUM) is an autonomous organization under the Ministry of AYUSH, Government of India. It was established on 30 March 1978; however, it started functioning in January 1979. Since inception, the Council has been busy in researching various fundamental and applied aspects of Unani Medicine. Over the years, the CCRUM has emerged as the world-leader in the field of research in Unani Medicine.

#### THE NETWORK

The CCRUM has 23 research centers functioning in different parts of the country, besides its headquarters in New Delhi.

#### AREAS OF ACTIVITY

The Research Programme of the Council has four major components:

- Clinical Research
- Drug Standardization
- Literary Research
- Survey and Cultivation of Medicinal Plants

#### MAJOR ACHIEVEMENTS

Some of the significant achievements of the Council are as follows:

##### Clinical Research

- Developed 27 Unani drugs, which are purely natural, standardized and without any side-effects, for successful treatment of vitiligo, sinusitis, infective hepatitis, eczema, filariasis, malaria, rheumatoid arthritis, bronchial asthma and some other common ailments.
- Obtained 15 patents on for developing certain novel therapeutic compositions and SCAR primers.

##### Drug Standardization

- Developed pharmacopoeial standards for 298 single and 150 compound drugs. Besides, Standard Operating Procedures (SOPs) for manufacture of 50 compound drugs have also been finalized.
- Published six volumes of *National Formulary of Unani Medicine*, six volumes of *Unani Pharmacopoeia of India* (UPI), Part 1 (on single drugs), and three volumes of the UPI, Part 2 (on compound drugs).

##### Survey and Cultivation of Medicinal Plants

- Collected over 104,568 specimens of medicinal plants belonging to 1,800 species from the wild.
- Undertaken successful cultivation of 33 important medicinal species.
- Gathered and documented over 16,261 folk medicinal claims.

##### Literary Research

- Translated 56 volumes of 21 classical books/manuscripts from Arabic/Persian into Urdu and other languages.
- Prepared a database of 2,400 manuscripts of Unani Medicine.
- Reprinted over 70 rare classical books.
- Compiled Standard Unani Medical Terminology for 4,028 terms of Unani Medicine.
- Developed 'Standard Unani Treatment Guidelines for Common Diseases'.

##### Publications

- Produced over 2,000 research papers and brought out about 400 publications, besides regular publication of a quarterly bulletin *CCRUM Newsletter*, quarterly Urdu Journal *Jahan-e-Tib* and quarterly English Journal *Hippocratic Journal of Unani Medicine*.



**For further information please contact:**

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