

Newsletter of Ibn Sina Academy (NISA)

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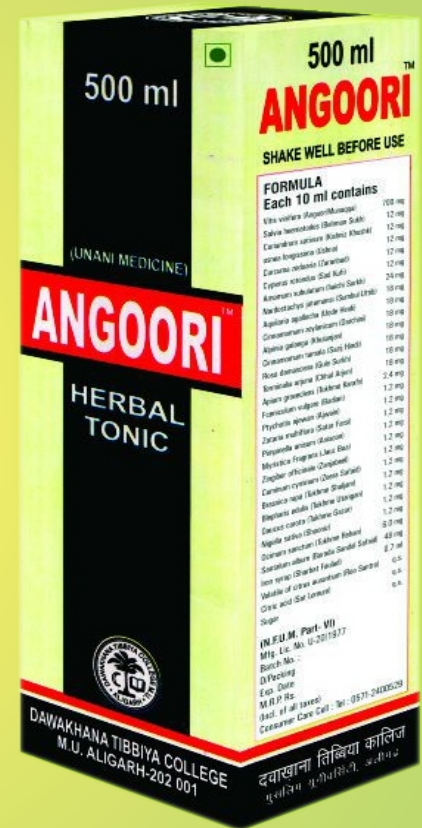
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Aligarh, India**

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EVENTS AT IBN SINA ACADEMY

(April – June 2020)

Ibn Sina Reading Club Meeting after a long time

A healthy one hour discussion on the history of caliphate starting from Abu Bakr (r) which marks the beginning of Khilafat-i Rashidah, followed by the Umayyad, the Abbasids, and lastly the Ottomans was organized through Zoom Meeting on 28.6.2020.

In the discussion, the members also mentioned the role of Mamluks and the Seljuk dynasties, which preceded the Ottomans, and the battle between the Ottomans and Taimur, whose progeny was Babur, the founder of the Mughal Dynasty on the Indian subcontinent.

The Club had also discussed the significance of the Historian Ibn Khaldun and his masterpiece treatise 'Al-Muqaddima'. Besides, how the scholar and Sufi Ibn Arabi influenced the intellectual tradition of the Ottomans was also discussed. Special thanks to Abdullah Zaman (Convener), Bilal Ahmed, Shiraz, Atif Aman, Munib and Ali for joining the discussion.

This Reading Club functions under the auspices of Ibn Sina Academy of Medieval Medicine and Science. Every week, members of Ibn Sina Reading Club meet and discuss any predetermined topic of interest.

Condolence Meeting on the sad demise of Mujtaba Hussain

Mujtaba Hussain (15 July 1936 – 27 May 2020) was an Indian satirist and writer of Urdu literature. On his sad demise, the Ibn Sina Academy had a condolence meeting, which was presided over by Hakim Syed Zillur Rahman.

Hussain was born on 15 July 1936 in Hyderabad, Dominion of the Nizam. According to Prof. Rahman, Hussain was

a great humour writer and satirist of Urdu language in the whole Indian subcontinent of his time after Mushtaq Ahmad Yusufi (1923-2018). He further elaborated his relations with Hussain, whenever he visited Hyderabad specially in the office of *Siyasat* (the Urdu Daily Newspaper).

Mujtaba Hussain published several books and over 15 volumes of humor journalism, with many of them translated into Hindi, English and other languages. *Apnee Yaad Mein*, an autobiographical satire, *Urdu ke Sheher Urdu ke Log*, *Behar Hal*, *Safar lakht lakht* and *Mera Column* are some of his notable works.

The account of his life has been published as a book by Educational Publishing House, New Delhi, entitled *Mujtaba Hussain jaisa dekha jaisa paya*. It has also published another book, *Mujtaba Hussain Aanon ke Beech*, on his writing and creations. The *Siasat Daily*, an Urdu Indian daily, has launched a dedicated website on Hussain, where 25 books totaling over 6500 pages of his writings are available for reading.

In 2007, the Government of India awarded him the *Padma Shri*, its fourth highest civilian honour, for his contributions to Urdu literature. However, he returned it in 2019, citing the atmosphere of hate and protests across the country in the wake of the India's newly amended Citizenship Law.

(Dr. Ashfaque Ahmad of Indian Institute of History of Medicine, Hyderabad, has written a distinct condolence remarks in Urdu for different electronic media where he mentioned the deep relations between Mujtaba Hussain and Hakim Syed Zillur Rahman)

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Condolence Meeting on the sad demise of Professor Mohammad Zahid

Professor Mohammad Zahid, former Dean, Faculty of Arts and former Chairman, Department of Urdu, Aligarh Muslim University, passed away after a prolonged illness. He was very close to Ibn Sina Academy and used to participate in all its literary activities.

Prof Zahid was a popular teacher among his students and colleagues and taught at the University since 1978. He was appointed a Professor in February 1999 and retired from the University services in 2018. He had published three books including his doctoral thesis on *Abdur Rahman Bijnori: Life and Literary Works* and a number of papers.

Prof. Hakim Syed Zillur Rahman expressed a deep sense of grief on Professor Zahid's sad demise and prayed for a higher rank for him in Jannat. He said Prof Zahid had a wide following among his students and he was loved by one and all for his humane behaviour. He will always be remembered by his students and colleagues, he added.

Prof. Abdul Latif, Joint Secretary, Ibn Sina Academy, also condoled his departure for heavenly abode and prayed for solace for the bereaved family. He further said that Prof Zahid's demise was a big loss to the department as he always stood for the development of the department. He was a good teacher. Prof Zahid is survived by wife, a son and two daughters.

New Publications of Ibn Sina Academy*

In the period of COVID19 and lockdown, the Academy brought following books:

1. *Pharmacology of Avicennian Cardiac Drugs* (ISBN 978-93-80610-43-6), Ibn Sina Academy, Aligarh, 2020, pp 280
2. *Avicenna and Uzbekistan* by Prof. Abdul Latif (ISBN: 978-93-8061-040-5), Ibn Sina Academy, Aligarh, 2020
3. *Tibbi wa Adabi Taqadim* by Hakim Syed Zillur Rahman (ISBN: 978-93-

80610-39-9), Ibn Sina Academy, Aligarh, 2020

4. *Shuzraat Zillur Rahman wa Ishariya Al-Hikmat* by Hakim Shamim Irshad Azmi (ISBN: 978-93-80610-38-2), Ibn Sina Academy, Aligarh, 2020
5. *Syed Zillur Rahman Ek Naqsh Jawedan* by Dr Aziz Balrami, (ISBN: 978-93-80610-41-2), Ibn Sina Academy, Aligarh, 2020
6. *Nuqoosh Zillur Rahman* by Alim Naqvi, (ISBN: 978-93-80610-37-5), Ibn Sina Academy, Aligarh, 2020

*For complete list of publications of Ibn Sina Academy, please see page number 9-10.

Bahasa Translation of "Ainul Hayat"

Muhammad ibn Yusuf al-Harawi (died 1542) wrote "Ainul Hayat" concerning on Ageing. The original manuscript of *Ainul Hayat* was written in 1532 in Persian by the author in Herat (Afghanistan). There are four copies of this old manuscript in Persian reported in various libraries in India. Noteworthy is that this is the first text comprehensively written on ageing in the world. After collation of three copies of the manuscript, Hakim Syed Zillur Rahman of Ibn Sina Academy edited and translated the manuscript in 2007 into Urdu. Dr. Ashfaque Ahmad of Indian Institute of History of Medicine (Hyderabad) translated it into English and now the same book has been again translated by the team of Mulawarman University (East Kalimantan, Indonesia) in Bahasa.

It is amazing how the author 500 years ago discussed all types of behavioral and lifestyle factors including diet, environment and housing conditions related to ageing. He also discussed what drugs could increase and decrease ageing.

Novel Corona Virus Disease (COVID-19)

As the coronavirus epidemic has roared across the world including India, many

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people cannot come to work. Noting the severity and contagiousness in the nature of the virus, the president of Ibn Sina Academy, has asked all the staff members to stay home and stay safe. There is no need to work and join the duties. He further informed that “Government of India is taking all necessary steps to ensure that we are prepared well to face the challenge and threat posed by the growing pandemic of COVID-19. With active support of the people of India, we have been able to contain the spread of the Virus in our country. The most important factor in preventing the spread of the Virus locally is to empower the citizens with the right information and taking precautions as per the advisories being issued by Ministry of Health & Family Welfare, Govt. of India”.

Due to country wide lock down period, the activities at Ibn Sina Academy were very minimal. The reading room remained closed and no student was seen attending the library.

Ibn Sina Academy was one of the signatories of the following important issues related to COVID 19

1. Covid 19: Operationalizing Fair and Equitable Benefit Sharing of Medical Product
2. International COVID patient and vulnerable groups letter to all
3. CSO open letter to the Gavi Board
4. Covid Action Community India
5. Access proposals for the ACT Accelerator (ACT-A)
6. ISDS and Covid
7. Covid Sign-On: access to diagnostics and treatment for developing and least developed countries

MEMBERS' ACTIVITIES

Prof. S. Zillur Rahman, President, Ibn Sina Academy, was appointed as a member of the committee constituted by the Vice Chancellor to make detailed

study of the matter of Dr. Abrar Ahmad, vide D. No. (C)/2686 dated 27.5.2020 and presided the same committee of the meeting held on 23.6.2020 at AMU.

Prof. Rahman was also invited to attend the following events and programmes:

1. Meeting (Online), Executive Committee, Aligarh Muslim University, Aligarh, 30.6.2020
2. Chief guest, Releasing Ceremony of the Book, *Islam ki Sadaqat Ghair Muslimon ki Nazar Mein* written by Ikhlas Khan Sherwani on 22.6.2020
3. Webinar on “*Prof. Mohd Zahid: Shakhshiyat aur Fann*” on 7th June, 2020.

[The webinar was organised through Zoom by Sir Syed and Bhimrao Ambedkar Welfare Educational Society, Aligarh in collaboration with Majlis Fakh-e Bahrain Bara-e Farogh Urdu, to pay tribute to Professor Mohammed Zahid (25th Dec. 1953 - 17th May 2020) who hailed from Sabrahadi, Jaunpur, India. The webinar organisers were Dr. Raihan Akhtar Qasmi Sabrahadi (Secretary) and Dr. Aftab Alam Najmi (Convener). The seminar was well attended by Prof. Suhail Ahmad Farooqi Sabrahadi, Hakim Mohammad Tariq Islahi Sabrahadi, Mr. Mohammed Tariq Farooqi Sabrahadi and presided by Mr. Shakeel Ahmad Sabrahadi (Bahrain). The chief guest was Maulana Abuzar Madni Sabrahadi (Shaikh Ul Ahadith, Azamgarh) and guest of honour was Prof. Zubair Ahmed Farooqi Sabrahadi, New Delhi].

4. Presided, Two Day International Webinar on Role of Sir Syed, Mahatma Gandhi and BR Ambedkar in promotion of National Unity during 27 to 28 June, 2020.

[Sir Syed and Bhimrao Ambedkar Welfare Educational Society, Aligarh in collaboration with Fakhruddin Ali Ahmed Memorial Committee, Lucknow organized the Webinar on Zoom that showcased research work in 14 languages from all across the globe. It was a unique academic congregation encompassing

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multilingual participation and audience as well].

Prof. Syed Ziaur Rahman, Honorary Treasurer, Ibn Sina Academy, has unanimously been selected as Patron, Indian Medical Association-Medical Students Network, UP State (Popularly known as IMA-MSN) for the session 2020-2021. He has also been appointed Member of the Committee constituted by the Vice Chancellor to frame the Ordinances (Executive) for Institute of Pharmacy and Department of Architecture (vide D No.(C)/2696; dated 28.5.2020)

He has also been invited to attend the following events and programmes:

1. Guest Lecture on importance of blood donation (Live Webinar through Zoom), World Blood Donation Day, NSS Training Coordinator, Bagel PG College, Hathras, 14.6.2020
2. Guest Lecture (Live Webinar through MS Times), Webinar Series Lectures by the Government Expert, SVKM's Dr. Bhanuben Nanavati College of Pharmacy (BNCP), Vile Parle, Mumbai, 23.5.2020 (Ref. No: BNCP/Inv./2019-20)
3. Meeting, Jamia Hamdard Institutional Ethics Committee, 25.6.2020 (online),
4. Meeting, Committee to frame the Ordinances (Executive) for Institute of Pharmacy and Department of Architecture, AMU, Aligarh, 9.6.2020
5. Meeting, Screening Committee for the Posts of Associate Professor, Dept. of Saidla, AK Tibbiya College, AMU, Aligarh, 15.6.2020
6. General Body Meeting, Muslim Social Uplift Society, Sultan Jahan Manzil, 28.6.2020
7. National Webinar on "Scientific insight into Yoga " and "Mindfulness De-stress using Breath", Department of Pharmaceutical Sciences & Technology, AKS University, Satna, 30.6.2020 (Certificate ID: TO6KII-CE000619)

8. Webinar on "Learning Objectives Vs Learning Outcomes in Medical/Health Sciences Education", IQAC, Sri Ramachandra Institute of Higher Education and Research (SRIHER University), 29.6.2020
9. Interview by Shahid Akhter for ET HealthWorld (Economic Times), 29.4.2020
(<https://health.economictimes.indiatimes.com/news/industry/unani-system-is-very-effective-for-chronic-diseases-prof-syed-ziaur-rahman/75461800>)

Dr. Rahman contributed and published following articles and chapters with few of his colleagues:

1. Environmental Pharmacovigilance (Chapter 1). In: Environmental Pharmacology of NSAIDs 2020: 1-33. Ed. Eugenia Yiannakopoulou (ISBN: 978-1-53617-466-3), Nova Science Publishers, New York, USA
2. Environmental Pharmacovigilance of Diclofenac with Special Reference to Vultures' Sensitivity (Chapter 2). In: Environmental Pharmacology of NSAIDs 2020: 34-44 Ed. Eugenia Yiannakopoulou (ISBN: 978-1-53617-466-3), Nova Science Publishers, New York, USA
3. Safety of Medicinal Tropical Natural Products – Concerns and Issues. J Pharmacovig Drug Safety 2020; 17(1): 10-14
4. Who is pushing patients to death trap by improper use of codeine? Time now to reorient physicians or ban the use of codeine. J Pharmacovig Drug Safety 2020; 17(1): 15-18
5. Pharmacovigilance Approach to Tropical Natural Drugs, Fruits and Supplement Products. International Journal of Current Advanced Research 2020; 9 (5): 22112-16.
6. Critical Evaluation of Avicennian Cardiac Drugs in the Contemporary Research. International Journal of Human and Health Sciences 2020; 4 (4): 257-266

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7. Local Drug Delivery of Folic Acid Promotes Oral Mucosal Wound Healing, Journal of Dental Sciences, 2020
8. Patients' case scenario as well as approaches and strategies adopted to manage COVID-19 pandemic at Aligarh Muslim University, Aligarh, India. Bangladesh Journal of Medical Science 2020 (Special Issue on Covid19): S21-28 (Excerpts can be seen in the Documentation Section)

DOCUMENTATION

International Conscience Day 2020

The UN's designation of April 5 as the *International Day of Conscience* marks a significant milestone in human history. On behalf of *Federation of World Peace and Love* (FOWPAL), Dr. Syed Ziaur Rahman was asked to contribute a short story on this occasion, which is as follows:

Conscience towards Animal Experiments in Teaching Undergraduate Pharmacology
By Syed Ziaur Rahman

Animal experiments are an integral part of the pharmacology teaching at medical schools in India. Various medical schools in India and the rest of the world have either introduced alternatives to these experiments or are debating the issue. There have been very few studies that have tried to define the relevance of these experiments and to report the attitude of the medical students towards them. Moreover, it has become difficult to do animal experiments because of issues related to procurement of animals, strict regulations, ethics, change in attitude for animal experiments and finances. The issue of discomfort, while teaching with the aid of animal models for training and skills, has always been in debate. For any discussion about harmful animal use and alternatives in education, the issue of conscientious objection is also considered. It is an individual or group act

whereby the objectors refuse to participate in practice, which is against their moral beliefs. It is a civil rights issue relating to freedom of conscience, and in education it has impact right across the curriculum. When alternatives have not replaced harmful animal use in the life sciences and requests for their implementation are denied, then objection by students is a likely scenario. Besides, refusing to participate in dissection of killed animals or in animal experimentation, the opponents of course object to humane alternatives. Conscientious objection by students can therefore create a challenging situation for teachers, as it raises questions about established practice and academic freedom. Nevertheless, it is rooted in positive cultural values such as respect for life, and a commitment to healing rather than harming. Moreover, well-developed critical thinking, skills and ethical literacy are often evidenced by students who conscientiously object. As a process, objection may therefore play a significant role in the resolution of existing ethical conflicts and the modernization of education through the introduction of alternatives. Prior to commenting on the same issue and to cross check the questions in debate, we introduced a questionnaire-based survey by taking a sample of students amongst the second professional medical graduates of our medical college for the same purpose. Questions explored various aspects of animal experiments in pharmacology, teaching and provided a platform for expressing views on alternatives to animal experiments.

Source: <http://www.icday.org/stories.html/>

COVID19 at AMU

The medical hospital administration formulated various committees for management of pandemic COVID-19 with clear cut assignments and duties of each committee. In addition, various advisories and recommendations were issued from the hospital administration including few

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from the 'Hospital Infection Control Committee'. Providing utmost care to non-COVID patients, JNMC did not turn up any patients for admission if needed. The 'Fever Clinic' examined 40 to 50 patients every day. COVID patients were dealt and treated in "Isolation Ward". COVID-19 positive patient if symptomatic and had comorbidities were only admitted. The hospital screened free-of-cost coronavirus tests. 596 cases till 22 June 2020 were found positive out of 22346 samples that referred from Aligarh and nearby cities. The patients who died in a COVID status are sent to hospital mortuary and are disposed of as per government guidelines.

Doctors gave consultation to patients through phone calls, video calls, whatsapp messages and emails. Various clinical departments of J. N. Medical College, A. K. Tibbiya College and Dr. Z. A. Dental College have also launched e-consultation and telemedicine facilities for Non-COVID patients since the outbreak of the virus. The hospital maintained decent recovery rate. On 22nd June 2020, it reached a remarkable breakthrough with a 71.9 percent recovery rate of coronavirus patients, which is 15.9 percent higher than the national recovery rate of 56 percent. JNMC also recorded a marked rise in the successful treatment of COVID-19 patients by reaching 71.9 percent from 57.68 per cent on June 18, 2020.

Several young enthusiastic faculties in medicine have collaborated with their peers in engineering faculty and have come up with some innovative and frugal solutions for prevention of COVID-19 transmission such as unique "Protection Box". The university arranged specially trains and buses after consultation and fool-proof planning respectively with the Ministry of Railway and Ministry of Road Transport and Highways. These students, both boys and girls, left the university in phases and reached their homes safely to different states of India. The university has also arranged certain areas for quarantine

for the students after their return to halls of residence. AMU is strictly following social distancing norms. Thermal scanning of all visitors has been done at the main gates of all residential hostels and halls. The university installed automated mist based sanitiser dispensers, sanitisers with paddle stands and wall hanging contactless temperature scanners at various entry points of the university. Because of the successful treatment strategies

APPEAL

Ibn Sina Academy is a accredited as '**Centre of Excellence**' by Department of AYUSH, Ministry of Health and Family Welfare, Govt. of India. The Academy has an extensive collection of more than 26 thousand books, 20 thousand journals and more than 1000 hand-written manuscripts. A large number of books on the famous Urdu Poet Ghalib led to the creation of a **Ghalib Study Centre**. In addition, there are two halls of museum with some rare artifacts collections.

Let me briefly list some of the highlights of the status and importance of the Academy.

1. The Academy has earned a name for itself not only in this country but also abroad in a short period of about 19 years.
2. The National Library of Medicine (NLM) of the National Institute of Health (NIH), USA, prepared a *Directory of Libraries of History of Medicine* of the World. It is a pleasure to inform that our Academy has been mentioned in this Directory. Thus the name of India is mentioned in this Directory, because of Ibn Sina Academy.
3. The Academy is an important Centre of Muslim Culture and Heritage, one of its own kind in our country, where people and students come from Indian towns. The

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Academy is trying hard to keep the past and culture of the Indian community alive. One Museum is devoted to this aspect. The second Museum is devoted to literature on History of Medieval Medicine and Sciences. This is in itself a unique institution, not found anywhere in India. It shows the accomplishments and contributions made by scientists in the last 1400 years in chemistry, physics, astronomy, botany, zoology, geology, mathematics, etc.

4. In 2015, the famous American television channel CNN Travel presented a survey report on top ten important unique Museums of the world, including the museums of the seventeenth century Europe. It is a matter of great pride for us that our Academy and its Museums were included in this Report.

5. Large number of visitors to make use of the library of the Academy include not only research students and teachers of the Aligarh Muslim University but also researchers from outside Aligarh. These students and teachers belong to subjects Urdu, Hindi, Sanskrit, Persian, Arabic, History, Islamic Studies and Unani Medicine.

6. The research material on Islamic Studies and Unani Medicine is so extensive that scholars from abroad, viz., Germany, England, Canada, U.S.A. and other Gulf countries come to consult the extensive literature on the subjects mentioned above. An American girl on Fullbright Scholarship came to our Academy. This is a matter of great pride for us that the Academy has become world renowned for subjects already mentioned above.

7. Ibn Sina Academy is an academic institution and a research center. Academic works available in the Library of the Academy are made use of by scholars from all over the country. Researchers make use of the

literature and facilities for their theses and primary source material. Students preparing for various competitive tests come also to study in the peaceful academic atmosphere of its reading room.

8. The Academy also publishes books on different subjects and especially on Unani Medicine. So far more than 50 books have been published by the Academy in the last 20 years. Editing and writing of books is time consuming and hard work, but the Academy is carrying on its mission and doing this academic work on a continuous basis. In addition, a quarterly newsletter (NISA) is being published regularly.

9. The Academy is also regular organiser of seminars, conferences and special lectures throughout the year. To name a few, two international seminars were organised: 1. Ibn Haytham on the occasion of International Year of Light (IYL 2016) of UNESCO and, 2. Ibn Sina on the occasion of 1000th year of his treatise *Canon of Medicine*, declared by UNESCO. In addition, the *Annual Ibn Sina Memorial Lecture* and *Annual Nasim Ansari Oration* are part of regular activities of the Ibn Sina Academy.

10. The Academy is not a business institution for commercial purpose for which profits and losses are taken care of its existence. All this because of the financial support received from family and friends, who help out in running the day to day expenses of the Academy. However, the salaries provided for the staff are sometime problematic for us. All our employees, are working on a regular basis, and are keeping the Academy very active and functioning. Without outside help the Academy cannot be run smoothly and successfully. With the continuous support of other intellectuals, we can continue working with great zeal and devotion. Being a charitable organization, donations to the Academy are also exempted from Income Tax under section 80G of the Income Tax Act 1961.

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Finally, we thank the readers of NISA for their interest and request them and their colleagues to extend financial support to the Academy. Following is the average monthly break-up of the expenditure presently.

1. Rs. 30,000/- for the salary of the followings:: Safai wala, office attendant, museum curator and typist.
2. Rs. 5,000/- for preservation and conservation of books and periodicals.
3. Rs. 5,000/- for electricity charges, Annual Maintenance Charges (AMC) for Lift and other electrical items.

4. Rs. 10,000/- for unforeseen expenses such as posts, printing of newsletters, books, etc.

The readers may kindly note the following:

1. Our Bank Account No. 511750963 at the Indian Bank,
Address: Marris Raod, Aligarh 202001,
Contact: 0571 2508842,
IFSC Code: IDIB000A044,
MICR Code: 202019006,
2. PAN Card of Ibn Sina Academy: AAATI4643P

Thanks and regards,
S. Zillur Rahman
President, Ibn Sina Academy, Aligarh

Ibn Sina Academy is an institution of unique dimensions. It was formally inaugurated on April 21, 2001, but within a short period of its establishment, it has become a centre of distinction both at national and international level. Department of AYUSH, Ministry of Health and Family Welfare, Government of India, gave accreditation to this academy in 2004 and promoted it as 'center of excellence' in 2008. Many organizations such as the UN Department of Economic and Social Affairs (DESA) accepted the academy in the Civil Society (CSO) Network database, similarly, Intute Resources (UK), Science Societies in India and History of Medicine Archive of US Department of Health and Human Services, National Library of Medicine, NIH, USA, indexed the academy in its own database. The academy is primarily involved in preservation of medical manuscripts and other artefacts of historical importance and in propagation of history of medicine. Students and research scholars from all systems of medicine and from other diverse disciplines interested in history of medicine and sciences take the maximum benefit from its rich collection. The library of Ibn Sina Academy houses one of the most precious and valuable collection of thousands medical manuscripts, printed books, rare works of physicians and a large number of classical Unani periodicals. Most of the manuscripts are very rare and some are unique. The Mss Section is also partner member of National Mission for Manuscripts (NMM), Government of India, for Conservation and Preservation of rare manuscripts. To cite an example, one manuscript which extant at the library of Ibn Sina Academy is *Kitab ila Aglooqan fi Shifa al Amraz* of Galen. This was the first major translation of Galen into Arabic by a Syrian Christian Hunayn ibn Ishaq. Hunayn translated (c.830-870) 129 works of Galen into Arabic. *Kitab ila Aglooqan fi Shifa al Amraz*, is a master piece of all literary works of Galen. It is a part of the Alexandrian compendium of Galen's work. This manuscript of 10th century comprises of two parts that include details regarding various types of fevers (*Humyat*) and different inflammatory conditions of the body. More importantly, it includes details of more than 150 single and compound formulations of both herbal and animal origin. The book provides an insight into understanding the traditions and methods of treatment in Greek and Roman era. In addition, this book provides a direct source for the study of more than 150 single and compound drugs used during Greeco-Roman period.

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List of Publications of Ibn Sina Academy

S No	Name of the Books	Price (INR)*
1	Tarikh-i 'Ilm-i Tashrih	450
2	'Ilmul Amraz	75
3	Bayaz-i Waheedi	75
4	Tazkira-i Khandan-i Azizi	400
5	Kitabul Murakkabat	150
6	Safavi 'Ahad Mein 'Ilm-i Tashrih	50
7	Hayat-i Karam Husain	300
8	Qanoon Ibn Sina aur us ke Sharehin wa Mutarjimeen	400
9	Hakim Syed Zillur Rahman Ek Mutala'h	250
10	Post Graduate Education, Research Methodology & Manuscript Studies in Unani Medicine	250
11	Risalah Atrilal (in Urdu)	50
12	Dilli aur Tibb-i Unani (Revised Edition)	150
13	Risalah Advia Qalbia	60
14	Iran Nama	90
15	Manzoom Tarikh Khandan	175
16	Tibbi Taqdeme	100
17	Aa'ina Tarikh-i Tibb	150
18	Asmaul Advia	125
19	Bhopal Ka 'Ilmi Wa Adabi Karwan	275
20	Maqalat Shifaul Mulk	125
21	Hakim Ajmal Khan (Revised Edition)	150
22	Safar Nama Bangladesh	150
23	Jawami Kitab Al-Nabdh Al-Saghir	250
24	Nuqoosh Zillur Rahman	350
25	Risalah fi Al-Niqris	250
26	'Ain Al-Hayat	350
27	Shuzrat Zillur Rahman wa A'shariya Al-Hikmat	250
28	Risalah Nabidh	250
30	Risalah fi Firaq Al-Tib	250
31	Risalah fi Al-'Anasir	250
32	Tibbi wa Adabi Taqadim	400
33	Risalah fi Al-Mizaj	350
34	Hakim Syed Zillur Rahman Hayat wa Khidmat	300
35	Ross Masud	250
36	Tauzihat Kulliat-i Advia (Revised Edition)	250
37	An Introduction to Environmental Pharmacology	650
38	Atraf-i Zillur Rahman	450
39	Alternatives to animal experimentation in Pharmacology (A guide & manual)	180
40	Tazkirah Atibba-i 'Asr	350
	Catalogue of Microfilm of the Persian & Arabic Manuscripts (Vol. III)	200
41	Manzoom Tibbi Rasa'il	175
42	Risala Khidab	175
43	Syed Zillur Rahman Naqsh Jawidan	350

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44	Risala Al Hararat al Ghareeziyah	300
45	Masadir Zillur Rahman	250
46	Hayat Karam Husain (Third revised Pakistani Edition)	500
47	Ibn Sina Academy Aligarh Mein Maujood Tibbi Rasail ii Tauzihi Fihrist	600
48	Qarabadeen Karam Husain	350
49	Diwan-i Ghalib	250
50	Mujarrbat Karam Husain	350
51	Commentator and Translators of Ibn Sina's Canon of Medicine	600
52	Shifa al-Amraaq	175
53	Hakim Syed Zillur Rahman Mazamin ke 'Aainey Mein (Pakistani Edition)	600
54	Self-rated memory of individuals' associated with demographic profiles, lifestyle parameters, health stautus & medication use	650
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61	Hakim Ahsanullah Khan	325

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Publication Division

The Publication Division is an important component of Ibn Sina Academy. It is responsible to publish 3 periodicals, books and other documents such as 'Annual Addresses of Ibn Sina Lectures'.

Periodicals:

1. *Newsletter of Ibn Sina Academy (NISA)*
2. *International Journal of Medical Research Professionals (IJMRP)*
3. *International Archives of BioMedical and Clinical Research (IABCR)*

Books

The academy publishes number of books on history of medicine and sciences including pharmacology and literature. Till now more than 60 books have been published by the Academy.

Before the existence of Ibn Sina Academy, all publications were executed under the aegis of 'Tibbi Academy', formed in 1963. The first book of 'Tibbi Academy' was *Daur Jadeed aur Tibb* (Modern Times and Unani Medicine). From 1965 to 1970, a monthly Urdu journal, *Al-Hikmat*, was published under the same 'Tibbi Academy'. Later on, under the auspices 'Shifaul Mulk Memorial Committee', many more publications came into existence in the area of history of medicine. Both 'Tibbi Academy' and 'Memorial Committee' are now a part of Publication Division of Ibn Sina Academy.

Newsletter of Ibn Sina Academy (Issue 78)
Vol. 20, No. 3, July – September 2020

Pandemics and Epidemics in which India became affected partly or fully*

Event	Date	Location	Disease	Death toll (estimate)
Plague	746–747	Byzantine Empire, West Asia, Africa	Bubonic plague (part of First plague pandemic)	Unknown
Black Death (Second plague pandemic)	1346–1353	Europe, Asia and North Africa	Bubonic plague	75–200 million
Influenza Pandemic	1510	Asia, North Africa, Europe	Influenza	Unknown, around 1% of those Infected
First cholera Pandemic	1817–1824	Asia, Europe	Cholera	100,000+
Influenza Epidemic	1847–1848	Worldwide	Influenza	Unknown
Third plague Pandemic	1855–1960	Worldwide	Bubonic plague	12 million+ in India and China
Fourth cholera pandemic	1863–1875	Worldwide	Cholera	600,000
Fifth cholera Pandemic	1881–1896	Worldwide	Cholera	298,600
Flu Pandemic	1889–1890	Worldwide	Influenza	1 million
Plague	1896–1905	Bombay	Bubonic plague	20,788
Sixth cholera Pandemic	1899–1923	Europe, Asia, Africa	Cholera	800,000+
Plague	1903	India	Bubonic Plague	22
Encephalitis lethargica pandemic	1915–1926	Worldwide	Encephalitis lethargica	1.5 million
Influenza pandemic ('Spanish flu')	1918–1920	Worldwide	Influenza A virus subtype H1N1	17–100 million
Psittacosis Pandemic	1929-1930	Worldwide	Psittacosis	100+
'Asian Flu' pandemic	1957–1958	Worldwide	Influenza A virus subtype H2N2	1–4 million
Seventh cholera Pandemic	1961–1975	Worldwide	Cholera (El Tor strain)	Unknown
Worldwide smallpox epidemic	1877–1977	Worldwide	Smallpox	500 million
Hong Kong flu	1968–1970	Worldwide	Influenza A virus subtype H3N2	1–4 million
Smallpox epidemic	1974	India	Smallpox	15,000
HIV/AIDS Pandemic	1981–present	Worldwide	HIV/AIDS	40 million+ till 2018)

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Plague	1994	India	Bubonic plague and Pneumonic plague	56
SARS Outbreak	2002–2004	Worldwide	Severe acute respiratory syndrome	774
Avian influenza Outbreaks	2003–2019	Southeast Asia and Egypt	Influenza A virus subtype H5N1	455
India malaria outbreak	2006	India	Malaria	17
Dengue outbreak in India	2006	India	Dengue fever	50+
Chikungunya Outbreaks	2006	India	Chikungunya virus	Unknown
India cholera epidemic	2008	India	Cholera	115
Gujarat hepatitis Outbreak	2009	India	Hepatitis B	49
Swine flu Pandemic	2009–2010	Worldwide	Influenza A virus subtype H1N1	18
Mumps outbreaks 2000s	2009	Worldwide	Mumps	Unknown
Middle East respiratory syndrome coronavirus outbreak	2012–Present	Worldwide	Middle East respiratory syndrome / MERS-CoV	862 (as of 13 January 2020)
Western African Ebola virus Epidemic	2013–2016	Worldwide	Ebola virus disease	11,323+
Odisha jaundice outbreak	2014–2015	India	Primarily Hepatitis E, but also Hepatitis A	36
Indian swine flu Outbreak	2015	India	Influenza A virus subtype H1N1	2,035
Zika virus epidemic	2015–2016	Worldwide	Zika virus	53
Gorakhpur Japanese encephalitis outbreak	2017	India	Japanese encephalitis	1,317
Nipah virus outbreak in Kerala	2018	India	Nipah virus infection	17
Dengue fever Epidemic	2019–present	Asia-Pacific, Latin America	Dengue fever	3,930
COVID-19 Pandemic	2019–present	Worldwide	COVID-19 / SARS-CoV-2	505,518 (30 June 2020)

* Prepared By Ahmad Zee Fahem and Syed Ziaur Rahman (Dept. of Pharmacology, JNMC, AMU, Aligarh)



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:

Director General

CENTRAL COUNCIL FOR RESEARCH IN UNANI MEDICINE

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