

वार्षिक प्रतिवेदन

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राष्ट्रीय त्वचा रोग यूनानी चिकित्सा अनुसंधान संस्थान

**NATIONAL RESEARCH INSTITUTE OF
UNANI MEDICINE FOR SKIN DISORDERS**

طب یونانی کا قومی تحقیقاتی ادارہ برائے امراض جلد

(केन्द्रीय यूनानी चिकित्सा अनुसंधान परिषद, आयुष मंत्रालय, भारत सरकार के आधीन)
(Under Central Council for Research in Unani Medicine, M/o AYUSH, Govt. of India)

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NATIONAL RESEARCH INSTITUTE OF UNANI MEDICINE FOR SKIN DISORDERS

(Under CCRUM, Ministry of AYUSH, Government of India)

Affiliated to Kaloji Narayana Rao University of Health Sciences, Warangal, Telangana State

INTRODUCTION

The National Research Institute of Unani Medicine for Skin Disorders (NRIUMSD), Hyderabad (Formerly Central Research Institute of Unani Medicine (NRIUMSD), Hyderabad – upgraded to National Institute on 3rd November, 2019), a decentralized institute functioning under the Central Council for Research in Unani Medicine (CCRUM), Ministry of AYUSH, Government of India – was established in December, 1971 under the erstwhile Central Council for Research in Indian Medicine and Homoeopathy (CCRIMH), which was set up in 1969. The foundation stone for the present campus was laid by the then Union Minister for Health & Family Welfare Shri B. Shankeranand on 19th December, 1983; and the splendid building complex with Staff Quarters was completed in the year 1990. The Institute is spread over 5½ acres of land having cellar plus 3 floors, guest house and a new hospital block.

The Institute has a good infrastructure comprising Research Out-patient Departments (ROPDs), *Mu‘ālajāt* (Medicine) OPD, *Amrāḍ-i-Jild wa Tāzīniyāt* (Dermatology & Cosmetology) OPD, *Uzn, Anaf wa Halaq* (ENT) OPD, *Qabālat wa Amrāḍ-e-Niswān* (Obstetrics and Gynaecology) OPD, Geriatrics OPD, MCH OPD, *‘Ilāj bi’l Tadbīr* (Regimenal Therapy) OPD, NCDs OPD, OPD for Post-Trial Access (PTA), 75-bedded In-patient Department (IPD), Mobile Clinical Research Unit (MCRU), Biochemistry, Pathology, Radiology, Physiology and Clinical Pharmacodynamics Laboratories, Pharmacology Laboratory with a Licensed Animal House Facility, in-vitro Cell Culture facilities, Molecular Biology and Microbiology Laboratories, P.G. Department of Moalajat (Medicine), P.G. Department of Ilmul Advia (Pharmacology), GMP certified Pharmacy, Drug Standardization Research Unit (DSRU), Pharmacognosy Laboratory, Survey & Cultivation of Medicinal Plants (SMP) Unit, Ibn al-Bayṭār Herbal Garden of Unani Medicinal Plants, Green House, Herbarium, Drug Museum, Central Library, Departmental Library of Moalajat, Departmental Library of Ilmul Advia, Biostatistics and Medical Record Sections, and administrative, establishment and accounts sections. The institute has also an auditorium for organizing various academic activities like conferences, workshops, seminars, etc.

Clinical Pharmacodynamics laboratory is used to study the cardiac parameters. MCRU caters the need of rural population and also conducts the School Health Programmes. Pharmacology laboratory caters the needs of preclinical safety, pharmacokinetics and pharmacodynamic studies, and reverse pharmacology. A full-fledged GMP-certified Pharmacy caters the needs of Research Subjects and other OPD and IPD patients, and also supplies the study drugs to various other research institutions and collaborative institutions of CCRUM. DSRU caters the need of quality control, standardization, development of SOPs, redesigning of dosage forms and shelf-life studies of Unani drugs. The research on fundamental principles of Unani Medicine is also being carried out at the institute.

The Institute has also a Peripheral Pharmacovigilance Centre (PPvC)-Unani for the Pharmacovigilance of ASU & H Drugs. During the reporting period, this centre detected 106 misleading advertisements related with ASU & H Drugs, particularly on different Unani formulations, and one Adverse Drug Reactions (ADRs) of Unani formulations, and reported them to the State Drug Licensing Authority and National Pharmacovigilance Centre (All India Institute of Ayurveda) for necessary action. In addition, this centre also organized multiple Pharmacovigilance awareness programmes with the objective to create the awareness about ASU & H Drugs.

The institute's herbal garden grows and maintains about 163 Unani medicinal plant species for the first hand information on single drug live plants. Herbal garden facilitates the academic and research need of the institute, and provides practical training and teaching about identification and cultivation of Unani medicinal plants. The institute has also the facility of green house for better propagation and preservation of Unani medicinal plants in which plants requiring regulated climatic conditions are grown, and it is maintained by the skilled garden workers.

The institute's herbarium has about 8,644 plant specimens representing 792 plant species, and 2,859 medicinal folk claims for different ailments recorded from various tribal pockets. The herbarium helps to store authenticated specimens of Unani drugs. The institute's Drug Museum displays the specimens of about 190 Unani drugs for teaching and authentication of drug samples. The institute's Central Library has 6,241 books on the subjects of Unani Medicine as well as Modern Medicine, and 5600 issues of 1550 medical journals, and e-Granthalaya Library Software designed by NIC for CCRUM.

The Institute offers Postgraduate Courses with 14 seats in two disciplines of Unani Medicine, namely, Moalajat (Medicine)-07 seats and Ilmul Advia (Pharmacology)-07 seats since 2016, and Postgraduate seats have now been enhanced from 14 to 18 (09 in each

discipline) since 2020-21. The Institute is affiliated to Kaloji Narayana Rao University of Health Sciences (KNRUHS), Warangal, Telangana State and follows the curriculum prescribed by the National Commission for Indian Systems of Medicine (NCISM) as approved by the KNRUHS. Both the postgraduate departments manage practically all types of disease conditions, particularly skin disorders and non-communicable diseases (NCDs) with support from preclinical and para-clinical departments available at the Institute. This institute also offered PhD courses with 6 seats in two disciplines of Unani Medicine, namely, Moalajat (03 seats) and Ilmul Advia (03 seats) in collaboration with Jamia Millia Islamia (JMI) in the year 2016.

The Institute gained its reputation particularly in providing successful treatment for vitiligo and over the years became a major centre for research in Unani Medicine. At present, a total of 33 qualified professionals with supporting paramedical staff are providing round the clock services. The general and research out-patient departments (OPDs) cater the need of around 300 patients per day. This institute is engaged in various clinical research programs, including Phase II, III and IV studies, which are being conducted as per ICH-GCP and AYUSH guidelines.

Based on the studies carried out in different research programmes, eight monographs have been published, and the researchers of the institute have so far presented 356 scientific papers in different national and international conferences, seminars and workshops. Besides, 285 scientific papers have also been published in the reputed scientific journals.

Administrative Set – Up

Director

- Dr. Ahmed Minhajuddin is Director I/C of the Institute since 01.07.2021.

Deputy Director

- One Post (Vacant)

Assistant Director

- One Post (Vacant)

Scientific Review Committee (SRC)

The research proposals for MD and PhD dissertation work of the Institute need to have the approval of a scientific committee before being submitted for an ethics committee for

consideration. Under this process Institute's Scientific Review Committee (SRC) performs mainly the function of consideration of research proposals for MD and PhD dissertation work of the Institute for quality improvement and approval. After the approval, the proposals are referred to the Intuitional Ethics Committee (IEC) for consideration. The SRC provides technical advice to the submitted research proposals for dissertation of MD and PhD scholars. It also analyses and validates the process and results of the research activities; and ensures that the best technical standards are maintained. The SRC meets once in every three months for review.

Composition of the Committee

1.	Prof. MUR Naidu Former Dean, Faculty of Medicine, NIMS, Hyderabad	Chairman
2.	Prof. Arzeena Jabeen Professor, PG Dept. of Moalajat (Medicine) & PG Co-ordinator, NRIUMSD, Hyderabad	Member
3.	Prof. Qamar Uddin Professor & Head of PG Dept. of Moalajat (Medicine), NRIUMSD, Hyderabad	Member
4.	Prof. Mohammad Nawab Profesor, PG Dept. of Moalajat (Medicine), NRIUMSD, Hyderabad	Member
5.	Prof. Mohammad Zakir Professor & Head of PG Dept. of Ilmul Advia (Pharmacology), NRIUMSD, Hyderabad	Member
6.	Dr. Javed Inam Siddiqui Reader, PG Dept. of Ilmul Advia (Pharmacology), NRIUMSD, Hyderabad	Member
7.	Dr. Gulam Mohammed Husain Research Officer (Pharmacology), NRIUMSD, Hyderabad	Member
8.	Dr. Tasleem Ahmed Research Officer (Biochemistry), NRIUMSD, Hyderabad	Member
9.	Dr. Syeda Hajra Fatima Research Officer (Pathology), NRIUMSD, Hyderabad	Member
10.	Dr. Ahmed Minhajuddin Director I/C, NRIUMSD, Hyderabad	Member Secretary

Institutional Ethics Committee (IEC)

It is mandatory that all the proposals on biomedical research involving human participants should be approved by a duly constituted Institutional Ethics Committee (IEC) to protect their welfare and rights. The Institutional Ethics Committee (IEC) is an independent body comprising medical, non-medical, scientific, and non-scientific members. The Chairperson and its members include non-affiliated persons. The Member-Secretary who is affiliated with the Institution, co-ordinates the functional activities of the IEC.

The committee reviews and approves all the research proposals involving human participants. The IEC plays a vital role in ensuring scientific and ethical quality standards in research conducted by the Institution. The basic responsibility of the IEC is in ensuring a competent review of all ethical and scientific aspects of the project proposals to make adequate protection of dignity, rights and well being of the potential research participants. The committee also examines the compliance with regulatory requirements, applicable guidelines and laws.

The Institutional Ethics Committee (IEC) approves the study protocols and Informed Consent Documents (ICDs). The meetings of the committee are held accordingly as and when required. IEC also monitors the progress of the projects from time to time.

The meeting of Institutional Ethics Committee for ethical clearance of the following nine clinical studies to be conducted at NRIUMSD, Hyderabad was held on 15.07.2021:

A. Proposals of Clinical Studies to be conducted at NRIUMSD, Hyderabad received from CCRUM Headquarters recommended by the Council's Scientific Advisory Committee:

1. A Single Blind, Randomized, Parallel Group Study to compare Efficacy and Safety of Unani formulation *Safoof-e-Dama Halদিwala* with Salbutamol in patients with *Zeequn Nafas* (Bronchial Asthma)
2. Clinical Validation of a Unani formulation *Qurs-e-Zarishk* in Cases of *Sū'al-Qinya* (Anaemia)
3. An Open-Label, Clinical Validation Study to Evaluate the Efficacy and Safety of a Unani Pharmacopoeial formulation – *Habb-e-Karanjwa* in *Humma* (Fever)

B. Proposals of Clinical Studies to be conducted at PG Department of Moalajat (Medicine), NRIUMSD, Hyderabad recommended by Departmental Research Committee and Scientific Review Committee

1. A Prospective, Randomized, Parallel Group, Open Label, Active Controlled Clinical Study to Evaluate the Efficacy and Safety of *Safoof-i Muhazzil* and *Arq-i Zeera* in the Management of Dyslipidaemia
2. A Randomized, Parallel Group, Open Label, Active Controlled Clinical Study to Evaluate the Safety and Efficacy of a Unani Formulation in *Kalaf* (Melasma)
3. A Randomized, Parallel Group, Active Controlled Clinical Study to Evaluate Efficacy and Safety of a Unani Pharmacopoeial Formulation – *Iksir-i Shifa* in the Management of *Daght al- Dam Qawī Lāzimī* (Essential Hypertension)
4. A Prospective, Randomized, Parallel Group, Open Label, Active Controlled Clinical Study to Evaluate the Efficacy and Safety of a Polyherbal Unani Formulation in *the Management of Buthūr Labaniyya* (Acne Vulgaris)
5. A Prospective, Randomized, Parallel Group, Open Label, Active Controlled Clinical Study to Evaluate the Efficacy and Safety of *Habb-i Dard-i Mafasil* in *Waja‘ al- Mafāsil* (Osteoarthritis)
6. A Randomized, Parallel Group, Open Label, Standard Controlled Clinical Study to Compare the Efficacy and Safety of Unani Formulation - *Roghan-i Zarneekh* (T) with Luliconazole (T) in the Management of *Qūbā* (Dermatophytosis)

The composition of the Institutional Ethics Committee (IEC) is as follows:

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|----|---|----------|
| 1. | Prof. Akhtarul Wasey
President
Maulana Azad University, Jodhpur
Professor Emeritus (Islamic Studies)
Jamia Millia Islamia, New Delhi | Chairman |
| 2. | Prof. MUR Naidu
Former Dean
Faculty of Medicine
Nizam's Institute of Medical Sciences, Hyderabad | Member |
| 3. | Dr. M.A. Wajid
Associate Professor & HOD (Microbiology)
ESIC Medical College and Hospital, Hyderabad | Member |

- | | | |
|----|---|------------------|
| 4. | Prof. Mohammed Ahsan Farooqui
Professor & Head
PG Dept. of Moalajat,
Govt. Nizamia Tibbi College, Hyderabad | Member |
| 5. | Mr. Abul Fatah Khan
Advocate
High Court for the State of Telangana | Member |
| 6. | Ms. Chandana Pal
Quality & Accreditation In-Charge
Apollo Hospitals, Hyderabad | Member |
| 7. | Hafez Mohammed Ajaz Ahmed
Imam | Member |
| 8. | Prof. Qamar Uddin
Professor & HOD of Moalajat (Medicine)
NRIUMSD, Hyderabad | Member Secretary |

Institutional Animal Ethics Committee (IAEC)

National Research Institute of Unani Medicine conducted two meetings of Institutional Animal Ethics Committee (IAEC) in the year 2021-22, in order to ponder over the ethical issues concerning the involvement of animals as subject of interventional studies before obtaining the ethical clearance. Annual inspection of Animal House Facility was conducted on 21.08.2021 by CPCSEA Nominees. Two meetings of the Institutional Animal Ethics Committee (IAEC) of NRIUMSD Hyderabad were organized during reported period i.e., on 21.08.2021, and 19.03.2022. Five allotted studies for the year 2021-22 were approved by the IAEC held on 21.08.2021. Four allotted studies for the year 2022-23, and two protocols of MD (Unani)-Ilmul Advia Scholars (5th Batch) for dissertation work were approved by the IAEC held on 19.03.2022. The minutes of all the meetings were uploaded on the CPCSEA web portal.

The composition of the Institutional Animals Ethics Committee (IAEC) as approved by CPCSEA is as follows:

S. No.	Name of IAEC Members	Designation in IAEC
1.	Dr. Ahmed Minhajuddin	Chairman
2.	Dr. Nagendra R. Hegde	CPCSEA Main Nominee
3.	Prof. Vivek Vinayak Kulkarni	CPCSEA Link Nominee
4.	Dr. C. Vinaya Sree	Scientist from outside the Institute

5.	Dr. M. Varalakshmi	Socially Aware Nominee
6.	Dr. Syeda Hajra Fatima	Biological Scientist
7.	Dr. Tasleem Ahmad	Scientist from different Biological Discipline
8.	Dr. Mohd. Urooj	Scientist from different Biological Discipline
9.	Dr. Muskula Anudeep Reddy	Veterinarian
10.	Dr. Gulam Mohammed Husain	Member Secretary & Scientist In-charge of Animal House Facility

Departmental Research Committees (DRCs)

Departmental Research Committees (DRCs) of Moalajat (Medicine) and Ilmu Advia (Pharmacology) evaluate and finalise the dissertation topics and research proposals submitted by the P.G. Scholars to the Departments. The Committees assess the research proposals for technical merit, critiquing the methodology and offering recommendations to the Scholars prior to submission of the proposals to the Institutional Ethics Committee (IEC) for approval and subsequently to the University (KNRUHS) for registration and approval. If the Committee is not satisfied with the current standard of the research proposal, it is returned to the researcher along with recommendations for improvement and a deadline for the return of the revised research proposal to DRC for further consideration. The Committee meets at least twice a year. The Committee provides a copy of minutes to the chairman for his review.

Present Infrastructure

- Hospital and other Facilities
 - OPDs
 - Diagnostic Facilities (Pathology and Biochemistry Laboratories)
 - E.C.G. Laboratory
 - Radiology Unit and Photography Section
 - Pharmacy
 - Pharmacodynamics Laboratory
- Laboratories and other Units
 - Cell and Molecular Biology Laboratory
 - Pharmacology Laboratory
 - Animal House
 - Quality Control Laboratory
 - ICP-OES Instrumentation Facility

- Drug Standardization
- Pharmacognosy Laboratory
- Ibn Al-Bayṭār Herbal Garden
- Green House / Poly House
- Herbarium
- Drug Museum
- Academic Departments
 - PG Department of Moalajat (Medicine)
 - PG Department of Ilmul Advia (Pharmacology)
- Central Library
- Departmental Library, Moalajat
- Departmental Library, Ilmul Advia
- Data Recording & Biostatistics

HOSPITAL AND OTHER FACILITIES

The hospital has an OPD wing and 75-bed Inpatient Department (IPD) having separate wards for male and female patients. It possesses good infrastructure and skillful staff extending their services round the clock to the patients. Almost all the investigations done are free of cost for the IPD patients. The following Out-Patient Departments (OPDs) are functional in the hospital. The treatment is totally based on Unani Medicine. However, the hospital is facilitated with latest diagnostic tools which help in diagnosis and research.

OPDs

- Moalajat OPD, including OPD for NCDs, Geriatrics OPD, and Fever OPD
- Ilaj bi'l Tadbir OPD
- Amraz-e-Jild wa Tazeeniyat OPD
- Qabalat wa Amraze Niswan (Obstetrics & Gynaecology) OPD, including MCH OPD
- Ain, Uzn, Anaf, Halaq wa Asnan (Eye, ENT and Dentistry) OPD
- Research ROPD
- Mobile Clinical Research Unit (MCRU)

Diagnostic Facilities (Pathology and Biochemistry Laboratories)

The Institute has Pathology and Biochemistry laboratories to carry out routine pathological and biochemical investigations under the expert guidance of a Biochemist, Pathologist and experienced technicians. It is equipped with latest instruments. The laboratory is operational on all the working days, where most of the Biochemical, Hematological tests, and many other tests are conducted free of cost for Research Participants, and a very reasonable cost for general patients.

E.C.G. Laboratory

E.C.G laboratory is equipped with latest electrocardiograph operated by experienced ECG Technician.

Radiology Unit

An X-Ray machine is operational under the expert guidance of Radiologist and Radio-technician.

GMP-Certified Pharmacy

Institute has GMP certified Pharmacy with state-of-the-art facility necessary for processing of crude drugs, manufacturing of compound formulations and packaging of finished products. All research drugs used in Clinical trials in the centres of the Council and in its collaborative Institutions are prepared in this Pharmacy and supplied to respective centres. Drugs in different forms such as tablets, capsules, granules, syrups and ointments are prepared in the Pharmacy using latest technology. Details of Medicines prepared in the Institute's Pharmacy during the year 2021-22 are as follows:

S. No.	Drugs	Number of Drugs	Quantity (Kg)
1.	Unani Drugs for Clinical Research	8	740
2.	Unani Pharmacopoeial Drugs IMR/EMR drugs/ Patent Kit Drugs	57	2521
3.	Unani Drugs for Post-Trial Access (PTA) OPD	13	4984
4.	Unani Drugs for developing SOPs	4	4
5.	Unani Drugs for Preclinical Studies	5	7
Total		87	8256

RESEARCH DRUGS

S. No.	Coded Unani Drugs	Quantity prepared (Kg)
1.	UNIM-001	4
2.	UNIM-004	5
3.	UNIM-027 (MA)	29
4.	UNIM-027 (TPA)	14
5.	UNIM-040	77
6.	UNIM-041 (B)	0.2
7.	UNIM-042 (K2)	1
8.	UNIM-405	610
Total		740

UNANI PHARMACOPOEIAL DRUGS

S. No.	Name of the Drug	Quantity prepared (Kg)
1.	Habb-e-Luab Behidana	1.54
2.	Marham Gulabi	46.2
3.	Majoon Yahya Bin Khalid	113
4.	Qurs Mafasil	12.8
5.	Safoof Hazim Kalan	7.7
6.	Safoof SuranjanZafrani	23.1
7.	Jawarish Kundur	46.2
8.	Laoq Falij	185
9.	Jawarish Zarooni Sada	61.6
10.	Khamira Gaozaban Sada	102
11.	Majoon Zanjabeel	11
12.	Roughan-e-Mom	56
13.	Qurs Asfar	7.161
14.	Safoof Dama Halidwala	33
15.	Kushta Baize Murgh	0.770
16.	Majoon Azaraqi	65
17.	Safoof Ziabitus UNIM-D-2000	42
18.	Majoon Baladur	92.4
19.	Roghan-e-Surkh	40.5
20.	Marham Raskapoor	23.1
21.	Itrifal Mundi	61
22.	Safoof Kasni	101
23.	Habb-e-Kibreer Sagheer	9

24.	Marham Aijaz	47
25.	Majoon Lana	46.5
26.	Tiryaq-e-Rahim	32
27.	Laoq Hulba	30.8
28.	Jawarish Qurtum	17
29.	Itrifal Kishnizi	36
30.	Habb-e-Kunaq	15.75
31.	Qurs-e-Zarishk	47.3
32.	Qurs-e-Atash	24.5
33.	Roughan-e-Waram Naf-e-Niqras	37.5
34.	Itrifal Kabir	153
35.	Roughan-e-Banafsha	28
36.	Jawarish-e-Amla sada	1.25
37.	Tiryaq Pechis	0.5
38.	Jawarish-e-Ood Shireen	1.25
39.	Sufoof Tukhm Konch	122
40.	Jawarish-e-Kamooni	1.25
41.	Sharabat-e-Zoofa Murakkab	3
42.	Habb-e-Banafsha	38
43.	Kundri	225
44.	Habb-e-Mubarak	1.4
45.	Habb-e-Mafasil	45
46.	Qurs Faqrudam	6
47.	Zimad-e-Muhalil	92.4
48.	Habb-e-Kalaf	25
49.	Majoon-e-Teewaj	92.4
50.	Habbb-e-Pachlona	17
51.	Jawarish-e-Darchini Qawi	31
52.	Itrifal Aftimoon	93
53.	Laoq-e-Zeequn Nafas Balghami	31
54.	Majoon-e-Nisyan	1.2
55.	Qurs-e-Mullayin	0.250
56.	Sufoof -e-Muhazzil	36
57.	Cap Nazla	1
Total		2521

Unani Drugs for Post-Trial Access (PTA) OPD (SOPD)

S. No.	Name of the Drug	Quantity prepared (Kg)
1.	UNIM-001 (Cap/Tab)	1354
2.	UNIM-003 (50 gm Pouch)	930
3.	UNIM-004 (Cap/Tab)	915
4.	UNIM-005 (50 gm Pouch)	500
5.	UNIM-051 (Cap)	40.3
6.	UNIM-053 (lit)	12
7.	UNIM-104 (kg)	90
8.	UNIM-301 (Cap)	192
9.	UNIM-302 (Pouch)	30
10.	UNIM-304 (Bottle)	140
11.	UNIM-352 (kg)	98
12.	UNIM-401 (Pouch)	576.7
13.	UNIM-402 (Bottle)	105
Total		4983

Unani Drugs prepared for developing SOPs

S. No.	Name of the Drug	Quantity prepared (Kg)
1.	Qairooti Muhallil	1
2.	Qairooti Musakkin	1
3.	Qairooti Bazr-e-Katan	1
4.	Zimad Sumbul Tib	1
Total		4

Unani Drugs prepared for Preclinical Studies

S. No.	Name of the Drug	Quantity prepared (Kg)
1.	Jawarish Amla	1.25
2.	Tiryaaq Pechis	0.5
3.	Jawarish Odd Shireen	1.25
4.	Jawarish Kamooni	1.25
5.	Sharbat-e-Zufa Murakkab	3
Total		7.25

LABORATORIES AND OTHER UNITS

Following laboratories and units are operational in the Institute

Pharmacology Laboratory

The Institute has Pharmacology Laboratory to conduct the preclinical safety and efficacy studies on Unani formulations in laboratory animals, which pave the way for safer trials of these experimentally tested drugs in human beings. Toxicity studies on Unani formulations are being conducted as per AYUSH and OECD guidelines in rats and mice. Efficacy of Unani formulations are being conducted in reverse Pharmacology mode using various animal models. Pharmacology laboratory is equipped with Animal activity monitor, Rota rod apparatus, Digital grip strength meter, Small animal anesthesia machine, CO₂ euthanasia chamber, Digital hot/cold plate analgesiometer, Randall Selitto analgesy-meter, Digital electro-convulsimeter, Digital plethysmometer, BP measurement system (NIBP), computerized video tracking system with Morris water maze and Active/passive avoidance test apparatus.

Animal House

The institute has CPCSEA (Committee for the Purpose of Control and Supervision of Experiments on Animals) approved laboratory animal facility (Reg. No. 1034/GO/Re/S/07/CPCSEA). It houses small animals for animal experimentation. The thrust areas of the projects involving animals are drug screening, and toxicity studies.

Quality Control Laboratory

This laboratory is established to bring out research in Unani Pharmaceutical products. The main motive of this laboratory is to check and direct degree and grade of excellence of processes and products, production of medicines of superior quality to assure physicians, researchers, and consumers. This laboratory also helps in the quality control of compound formulations prepared in the pharmacy of the institute and the drugs for clinical and preclinical studies and to provide best facilities to the students and researchers to improve the standard of various Unani dosage forms. It is equipped with latest instruments, e.g., ICPOES used for heavy metal detection in the samples of Unani drugs.

Drug Standardization

This laboratory is established to standardize Unani drugs. This laboratory also helps in the quality control of drugs for experimental studies and provides best facilities to the students

and researchers to improve the standard of various Unani drugs. Ultra-Performance Liquid Chromatography (UPLC) facility is also available.

Pharmacognosy Laboratory

Pharmacognosy laboratory is established to identify and standardize Unani drugs, with the help of macroscopy, microscopy, micrometry, fluorescence analysis, chromatography and procedures. All Pharmacognostical studies are carried out in this laboratory.

Ibn Al-Bayṭār Herbal Garden

The Institute's Ibn Al-Bayṭār Herbal Garden was inaugurated by Smt S. Jalaja, Secretary, Dept of AYUSH, Govt. of India on February 20, 2009. About one hundred sixty three (163) medicinal plant species of Unani System of Medicine have been grown and maintained in the garden for first hand information on single drug live plants. Many rare, endemic and endangered medicinal plants are also maintained including *Sandal Surkh* (*Pterocarpus santalinus* L.F.) and *Sandal Sufaid* (*Santalum album* L.). Besides, Teachers, Research Scholars and Students from Colleges of Unani System of Medicine and also students of other Institutions like Colleges of Ayurveda and Pharmacy in the city of Hyderabad and elsewhere use to visit the herbal garden and receive necessary practical training about identification and cultivation of Unani medicinal plants.

Green House / Poly House

Green House has been established in NRIUMSD to house Unani medicinal plants to remain green for the whole year. It has been developed in 200 square meters with adequate irrigation facility. A Poly house was also developed for the germination of medicinal plants.

Herbarium

The Survey Unit of NRIUMSD, Hyderabad has conducted a systematic Survey of nearly forty two (42) Forest Divisions covering 298 Forest Areas of Telangana, Andhra Pradesh, Karnataka and Maharashtra for the collection of first-hand information on the use of medicinal plants. In these series of surveys, nearly 8,644 plant specimens representing 792 plant species were collected. These specimens have been preserved in the form of scientific herbarium, so that the current and future generations can identify plants, study biodiversity and use the collection in support of conservation, ecology and sustainable development.

Nearly 2,859 folk-medicinal claims representing 607 plant species for different ailments have also been recorded from various tribal pockets.

Drug Museum

Institute has a well-organized Museum maintaining a spectrum of crude drug samples of authenticated parts of the 190 plants in the form of seeds, leaves, fruits, flowers, wood, exudates, gums/ resins, tuber and bulb, etc. The PG Scholars students of Department of Ilmul Advia (Pharmacology) are posted in Advia Museum and Herbal Garden regularly for practical and demonstration of Advia Mufradah (Single Drugs) of Unani System of Medicine. Following specimens of single drugs used in Unani System of Medicine are available in the drug museum.

List of Advia Mufradah (Single Drugs) available in the Institute's Drug Museum

S. No.	Name of Drug
1.	Aaqarqarha
2.	Abhal
3.	Abrak
4.	Abresham
5.	Adusa
6.	Afsanteen Rumi
7.	Aftimoon
8.	Ajwain Desi
9.	Ajwain Khurasani
10.	Amaltas
11.	Amla
12.	Anabus Salab
13.	Anar Jangli
14.	Anisoon
15.	Anjbar
16.	Anzaroot
17.	Arand
18.	Arjun Chaal
19.	Asaroon
20.	Asgandh

21.	Aslus-soos
22.	Aspagol
23.	Asrol
24.	Atrilal
25.	Azraqi
26.	Babchi
27.	Badiyan
28.	Badranjboya
29.	Bael
30.	Bakain
31.	Balela
32.	Balsan
33.	Banafsha
34.	Baobadang
35.	Basfajj Fastaqi
36.	Behidana
37.	Behman Safaid
38.	Behman Surkh
39.	Behroza
40.	Berg Bhangra
41.	Berg Sana
42.	Bhilawan
43.	Bijasar
44.	Borah Armani
45.	Bozidaan
46.	Brahmi
47.	Chadela
48.	Chaksu
49.	Chirayta Talkh
50.	Daar Chikna
51.	Dammul Akhwain
52.	Darchini
53.	Dare Filfil

54.	Darunaj Aqrabi
55.	Dhatura
56.	Elwa
57.	Filfil Daraz
58.	Filfil Safaid
59.	Gandhak
60.	Gaozaban
61.	Geru
62.	Ghariqoon
63.	Ghiongchi Safed
64.	Ghongchi Surkh
65.	Gile Multani
66.	Gilo
67.	Gul Banafsha
68.	Gul Supari
69.	Gul-e Baboona
70.	Gul-e Surkh
71.	Gul-e Tesu
72.	Gulk Bel
73.	Gulnar
74.	Gulnar Farsi
75.	Halela Siyah
76.	Halela Zard
77.	Heel-e-Kalan
78.	Heel-e-Khurd
79.	Hilteet
80.	Hulba
81.	Irsa
82.	Isqeel
83.	Joz Masil
84.	Kaat Safaid
85.	Kabab Chini
86.	Kachnar

87.	Kafur
88.	Kaifal
89.	Kaknaj
90.	Kalonji
91.	Kamila
92.	Karafs
93.	Karanj
94.	Karanjwa
95.	Katae Khurd
96.	Katan
97.	Katira
98.	Khaksi
99.	Kharkhask Kalan
100.	Khatmi
101.	Khubbazi
102.	Khulanjan
103.	Khurfa Siyah
104.	Konch
105.	Kundur
106.	Luk Maghsul
107.	Madar
108.	Maghz Amaltas
109.	Majeeth
110.	Mako Khushk
111.	Marod Phali
112.	Mastagi
113.	Mayee Khurd
114.	Mochras
115.	Mundi
116.	Muqil
117.	Murdaar Sang
118.	Namak Lahori
119.	Namak-e Sang

120.	Narkachoor
121.	Nirmali
122.	Nishashta Gandum
123.	Noshadar
124.	Ood Saleeb
125.	Panwad
126.	Parsioshan
127.	Pudina Khushk
128.	Qand Siyah
129.	Qaranfal
130.	Qurtum
131.	Raal Safaid
132.	Rasan
133.	Rasaut
134.	Reetha
135.	Saad Kufi
136.	Sahajna
137.	Salab Misri
138.	Salekha
139.	Samagh Arabi
140.	Sambhalu
141.	Sandal Surkh
142.	Sang Basri
143.	Sang Jarahat
144.	Sapistana
145.	Saqmonia
146.	Sarphuka
147.	Sat Podina
148.	Satar Farsi
149.	Satavar
150.	Sat-e Gilo
151.	Sazaj Hindi
152.	Shahm Hinzal

153.	Shaqaqul Misri
154.	Shingraf
155.	Suddab
156.	Suddab
157.	Sumaq
158.	Suranjan Shirin
159.	Tabasheer
160.	Taj
161.	Tamar Hindi
162.	Tezpat
163.	Tinkar
164.	Tukhm Balanga
165.	Tukhm Hummaz
166.	Tukhm Jamun
167.	Tukhm Jarjir
168.	Tukhm Kahu
169.	Tukhm Kanocha
170.	Tukhm Karafs
171.	Tukhm Kasoos
172.	Tukhm Katan
173.	Tukhm Khatmi
174.	Tukhm Khayar
175.	Tukhm Khubbazi
176.	Tukhm Konch
177.	Tukhm Panwad
178.	Tukhm Rehan
179.	Tukhm Utangan
180.	Turbud
181.	Turmus
182.	Usara Rewand
183.	Ushk
184.	Ushna
185.	Ustukhuddos

186.	Zanjabeel
187.	Zarawand
188.	Zeera Safiad
189.	Zeera Siyah
190.	Zufa Khushk

ACADEMIC DEPARTMENTS

The Institute offers Postgraduate courses in the following two disciplines of Unani Medicine:

1. Moalajat (Medicine)
2. Ilmul Advia (Pharmacology)

The Institute is able to attract the students from almost all parts of the country. It follows the curriculum prescribed by the National Commission for Indian Systems of Medicine (NCISM) for M.D. Unani Courses. The selection is made purely on merit of the entrance test and on the basis of reservation policies of the Government of India. The Entrance test for admission is based on B.U.M.S syllabus. All India AYUSH Post Graduate Entrance Test (AIAPGET)-2021 for admission to M.D. (Unani) courses for the session 2021-22 was conducted by National Testing Agency (NTA) on 18.09.2021, in which admissions have been given to 18 students (09 in each department) as per their merit in the entrance test and reservation policy of Govt. of India.

Postgraduate Department of Moalajat (Medicine)

The Postgraduate Department of Moalajat (Medicine) at NRIUMSD, Hyderabad was established in 2016 by Ministry of AYUSH, Govt. of India with affiliation to Kaloji Narayana Rao University of Health Sciences, Warangal, Telangana State. This department offers P.G. course Mahire Tib [M.D. (Unani)] in Moalajat (Medicine) with intake capacity of seven students. The main objective of establishing the department was to uplift the educational and research standards among the Postgraduates as well as to pave the ground for the availability of the better qualified teachers and researchers in the field of Unani Medicine. NRIUMSD, Hyderabad is the first Research Institution of its kind in India and abroad which is also imparting Postgraduate Education in Unani Medicine. The department is an integrated complex which carries out teaching and multi-disciplinary clinical research in Unani Medicine with the help and application of modern scientific research methodology. Apart from theoretical and practical teaching, department is actively engaged in imparting clinical training of postgraduate students in OPDs and IPDs of NRIUMSD, Hyderabad. Clinical studies on various diseases are being carried out by PG Students under the supervision of experts of Moalajat along with Pathologist and Biochemist. The teaching staff and PG students have published research papers/ articles in journals and also participated in national or international seminars/ conferences/ workshops as and when organized.

The thrust research areas of PG Department of Moalajat (Medicine) include Skin Diseases, Non-Communicable Diseases (NCDs), Neurological Diseases, Hepatic Diseases, Gastrointestinal Diseases, Acid- Peptic Diseases, Renal Diseases, and Sexual Diseases.

The Department is attached with well equipped Biochemistry, Pathology, Physiology, Pharmacodynamics, Radiology Laboratories of NRIUMSD, Hyderabad, which are serving the patients visiting the Moalajat OPD as well as catering services for Research Projects, in addition to other OPDs, IPDs, and Research Projects of the Institute.

EDUCATION

The Department runs a comprehensive postgraduate teaching programme, and students are trained through a structured academic schedule comprising theory classes, hands-on practical classes, bedside teaching, and dissertation projects. The department continues to organize monthly meetings for postgraduate training. The training component includes clinical and research skills, development of protocols and guidelines, case presentations and discussions. Students are posted in various OPDs as well as IPD wards for clinical training on rotation basis.

A 6th Batch (2021-22) of 09 students was admitted to MD (Moalajat) course of 3 years duration. The total number of students over the last six years is 45, out of them 21 students have passed out leaving the 24 students.

The faculty members of the Department were actively engaged in teaching and training of postgraduate students, research and patient care. Academic activities for postgraduate students included lecture classes, bedside clinical case discussions, seminars, journal club, and tutorials. The faculty members took their lectures and classes as per fixed schedule, and syllabus prescribed by the NCISM.

The M.D. (Unani) Degrees in Moalajat (Medicine) have been awarded to the 14 students, i.e., 7 students of the 1st Batch (2016-17) and 7 students of the 2nd Batch (2017-18) by the University. The dissertations of all PG Students of 3rd Batch (2018-19) have been approved by the University, and they all have passed their MD Part-II Examinations. All PG Students of 4th Batch (2019-20) have registered the clinical trials for their dissertation work with CTRI after obtaining ethical approval on 15th July, 2021, and enrolment of the patients has to be completed soon. PG students of 5th batch (2020-21) have submitted the synopses for their dissertation work to the University under the guidance of their supervisors on 31.08.2021;

they have yet to obtain ethical approval for clinical studies. Their MD Part-I examinations have to be conducted by the University in April, 2022. The students of 6th Batch (2021-22) were engaged in the preparation of synopsis for their dissertation work under the guidance of Faculty Members, for submission to the University through the Department.

RESEARCH

The faculty and scientists of the department were actively involved in ongoing departmental research projects as well as other clinical research projects of the Institute, and they continued with guiding PG students.

I. Completed Departmental Research Projects (Dissertations of 1st Batch – 2016-17)

The following 07 clinical studies have been carried out by the P.G. students of 1st Batch (2016-17) for their Dissertation work under the guidance of their supervisors:

1. A Clinical Study to Evaluate the Efficacy and Safety of *Tukhm-i Kahu* in the Management of *Zaghṭ al-Dam Qawī Lāzimī* (Essential Hypertension)
2. A Clinical Study to Evaluate the Efficacy and Safety of *Habb-i Hindi* (O) and *Habb-i Baras* (L) in the Management of *Baras* (Vitiligo)
3. A Clinical Study to Evaluate the Efficacy and Safety of *Tila-i Muhasa* in the Management of *Busūr Labaniyya* (Acne Vulgaris)
4. A Clinical Study to Evaluate the Efficacy and Safety of a Polyherbal Unani Formulation in the Management of *Zayābītus Sukkari Qism Sāni* (Diabetes Mellitus Type 2)
5. A Clinical Study to Evaluate the Efficacy and Safety of *Marham-e-Safeda Kafoori* in the Management of *Nār Fārsī* (Eczema)
6. A Clinical Study to Evaluate the Efficacy and Safety of *Marham Kharish Jadeed* in the Management of *Qūbā* (Tinea Corporis)
7. A Clinical Study to Evaluate the Efficacy and Safety of Unani Formulations – *Majoon Mundi* (O) and *Qairooti-e-Karnab* (L) in the Management of *Dā al-Ṣadaḡ* (Psoriasis)

II. Completed Departmental Research Projects (Dissertations of 2nd Batch – 2017-18)

The following 07 clinical studies have been carried out by the P.G. Students of 2nd Batch (2017-18) for their Dissertation work under the guidance of their supervisors:

1. “A Randomized, Standard Controlled Clinical Study to evaluate the Safety and Efficacy of *Jawarish Falafili* in the Treatment of *Fatḥ-e-Tadassum fi'l Dam* (Dyslipidaemia)”
2. “A Randomized, Parallel Group, Open Label, Controlled Clinical Study to evaluate the Safety and Efficacy of a Unani Pharmacopoeial Formulation – *Habb-e-Baryuma* in *Waja 'al-Mafāsil* (Rheumatoid Arthritis)”
3. “A Single Blind, Randomized, Parallel Group, Controlled Clinical Study to compare the Efficacy and Safety of a Unani Drug – Atrilal (O+T) with Conventional Drug – Psoralen (O+T) in the Treatment of *Baraṣ* (Vitiligo)”
4. “A randomized, controlled, parallel group, single blind clinical study to evaluate the efficacy and safety of a Unani compound topical formulation in the treatment of *Kalaf* (Melasma)”
5. “A Single Blind, Randomised, Active Controlled Clinical Study to evaluate the Efficacy and Safety of a combination of Unani drugs – *Qurs-e-Zayabitus Khas* and *Qurs-e-Tabasheer* in *Dhayābītus Hārr Qism Thānī* (Type 2 Diabetes Mellitus)”
6. “Therapeutic Evaluation of a Unani Pharmacopoeial Formulation – *Dawa-e-Gurda* in *Hasāh al-Kulya* (Nephrolithiasis): a Single Arm, Open Label, Prospective Clinical Study”
7. “A Randomized, Parallel Group, Controlled, Open Label Clinical Study to compare the Efficacy and Safety of Unani Formulation with Levocetirizine in *Nazla I Muzmin* (Chronic Rhinosinusitis)”

III. Completed Departmental Research Projects (Dissertations of 3rd Batch – 2018-19)

The following 07 clinical studies have been carried out by the P.G. students of 3rd Batch (2018-19) for their Dissertation work under the guidance of their supervisors:

1. A Randomized, Active-Controlled, Assessor-Blinded, Parallel Group Clinical Study to evaluate the safety and efficacy of *Qurs-e-Mafasil* in the Management of *Waja 'al-Mafāsil* (Rheumatoid Arthritis)
2. A Randomized Parallel Group Open-Label Standard Controlled Clinical Study to evaluate efficacy and safety of Unani Formulations (Oral & Topical) in Management of *Bahaq* (Pityriasis Versicolor)

3. A Randomized, Active-Controlled, Assessor-Blinded, Parallel Group Clinical Study to evaluate the safety and efficacy of *Asgand* and *Brahmi* in the Management of *Qillat-e-Darqiyyat Asli* (Primary Hypothyroidism)
4. A Randomized, Parallel Group, Open-Label, Standard Controlled Clinical Study to evaluate the efficacy and safety of *Marham-e-Akbar* in the Management of *Nār Fārsī* (Eczema)
5. A Randomized Parallel Group Open Label Standard Controlled Clinical Study to compare the efficacy and safety of Unani Pharmacopoeial Formulation *Roghan-e-Narjeel* with Itraconazole in the Management of *Qūbā* (Dermatophytosis)
6. A Randomized, Active-Controlled, Assessor-Blinded, Parallel Group Clinical Study to compare the safety and efficacy of Polyherbal Unani Formulations (O+T) with PUVAsoL and Mometasone in the Management of *Baraṣ* (Vitiligo)
7. A Randomized, Open-Label, Active-Controlled Clinical Study to compare the safety and efficacy of *Itrifal-e-Shahtara* and *Marham Hina* with PUVAsoL and Vaseline Petroleum Jelly in the Management of *Taqashshur al-Jild* (Psoriasis)

IV. Ongoing Departmental Research Projects (Dissertations of 4th Batch – 2019-20)

The following 06 clinical studies are being carried out by the P.G. students of 4th Batch (2019-20) for their Dissertation work under the guidance of their supervisors:

1. A Prospective, Randomized, Parallel Group, Open Label, Active Controlled Clinical Study to Evaluate the Efficacy and Safety of *Safoof-i Muhazzil* and *Arq-i Zeera* in the Management of Dyslipidaemia
2. A Randomized, Parallel Group, Open Label, Active Controlled Clinical Study to Evaluate the Safety and Efficacy of a Unani Formulation in *Kalaf* (Melasma)
3. A Randomized, Parallel Group, Active Controlled Clinical Study to Evaluate Efficacy and Safety of a Unani Pharmacopoeial Formulation – *Iksir-i Shifa* in the Management of *Daght al-Dam Qawī Lāzimī* (Essential Hypertension)
4. A Prospective, Randomized, Parallel Group, Open Label, Active Controlled Clinical Study to Evaluate the Efficacy and Safety of a Polyherbal Unani Formulation in *the Management of Buthūr Labaniyya* (Acne Vulgaris)
5. A Prospective, Randomized, Parallel Group, Open Label, Active Controlled Clinical Study to Evaluate the Efficacy and Safety of *Habb-i Dard-i Mafasil* in *Waja‘ al-Mafāṣil* (Osteoarthritis)

6. A Randomized, Parallel Group, Open Label, Standard Controlled Clinical Study to Compare the Efficacy and Safety of Unani Formulation - *Roghan-i Zarneekh* (T) with Luliconazole (T) in the Management of *Qūbā* (Dermatophytosis)

V. Ongoing Departmental Research Projects (Dissertations of 5th Batch – 2020-21)

The following 09 clinical studies have to be carried out by the P.G. students of 5th Batch (2020-21) for their Dissertation work under the guidance of their supervisors after getting approval from Institutional Ethics Committee (IEC) and registration of trial with CTRI:

1. A Randomized, Parallel Group, Open Label, Active Controlled Clinical Study to evaluate the Efficacy and Safety of a topical Unani Formulation in the Management of *Nār Fārsī* (Eczema)
2. A Randomized, Parallel Group, Open Label, Active Controlled Clinical Study to compare the Efficacy and Safety of *Marham-e-Dād* with Terbinafine in the Management of *Qūbā* (Ringworm)
3. A Randomized, Parallel Group, Open Label, Active Controlled Clinical Study to evaluate the Efficacy and Safety of a topical Herbomineral Unani Formulation in the Management of *Kalaf* (Melasma)
4. A Randomized, Parallel Group, Open Label, Active Controlled Clinical Study to evaluate the Efficacy and Safety of a Unani Formulation in the Management of *Waja' al-Mafāṣil* (Osteoarthritis)
5. A Randomized, Parallel Group, Open Label, Active Controlled Clinical Study to evaluate the Efficacy and Safety of a Polyherbal Unani Formulation in the Management of *Waram Tajāwīf al-Anf Muzmin* (Chronic Sinusitis)
6. A Randomized, Parallel Group, Open Label, Active Controlled Clinical Study to evaluate the Efficacy and Safety of a Unani Pharmacopoeial Formulation – Asrin in the Management of *Ḍaght al- Dam Qawī Lāzimī* (Essential Hypertension)
7. A Randomized, Parallel Group, Open Label, Active Controlled Clinical Study to evaluate the Efficacy and Safety of a Polyherbal Unani Formulation in the Management of *Buthūr Labaniyya* (Acne Vulgaris)
8. A Randomized, Parallel Group, Open Label, Active Controlled Clinical Study to evaluate the Efficacy and Safety of *Roghan-i-Baras* in the Management of *Baras* (Vitiligo)

9. A Randomized, Parallel Group, Open Label, Active Controlled Clinical Study to evaluate the Efficacy and Safety of *Safoof-i-Ushba* and *Roghan-i-Banafsha* in the Management of *Taqashshur al-Jild* (Psoriasis)

Teaching Staff

S. No.	Name	Designation	Qualification
1.	Prof. Qamar Uddin	Professor & HOD	B.U.M.S., M.D.
2.	Prof. Arzeena Jabeen	Professor & PG Co-ordinator	B.U.M.S., M.D.
3.	Prof. Mohammad Nawab	Professor	B.U.M.S., M.D.

Postgraduate Department of Ilmul Advia (Pharmacology)

The Postgraduate Department of Ilmul Advia (Pharmacology) at NRIUMSD, Hyderabad was established in 2016 by Ministry of AYUSH, Govt. of India with affiliation to Kaloji Narayana Rao University of Health Sciences, Warangal, Telangana State. This department offers Mahire Tib [M.D. (Unani)] in Ilmul Advia (Pharmacology) with intake capacity of seven students. The main objective of establishing the department was to uplift the educational and research standards among the Postgraduates as well as to pave the ground for the availability of the better qualified teachers and researchers in the field of Unani Pharmacology and Pharmacognosy. NRIUMSD, Hyderabad is the first Research Institution of its kind in India and abroad which is also imparting Postgraduate Education in Unani Medicine. The department is an integrated complex which carries out teaching and multi-disciplinary experimental research studies in Unani Medicine with the help and application of modern scientific research methodology. Experimental studies, including preclinical research, drug standardization, quality control and development of Standard Operating Procedures (SOPs) as well as Pharmacopoeial Standards of different dosage forms of Unani Drugs are being carried out by PG Students under the supervision of experts of Ilmul Advia along with Pharmacologist and Pharmacognist. The teaching staff and PG students have published research papers/ articles in journals and also participated in national or international seminars/ conferences/ workshops as and when organized.

The thrust research areas of PG Department of Ilmul Advia (Pharmacology) include General Pharmacological Studies on Unani Drugs, including Analgesic, anti-inflammatory, anti-pyretic activity in rats, Anti-ulcer activity, Nephroprotective activity, Hepatoprotective activity, Anti-diabetic activity, Hypolipidaemic and anti-obesity activity, Anti-hyperlipidaemic activity, Anxiolytic activity, Anticonvulsant activity, and Anti-psoriasis activity; Toxicity Studies of Unani Drugs; Authentication of the Raw Materials; Drug Standardisation; Quality Control of Unani Drugs; Shelf-life Studies of Unani Drugs; Development of SOPs of Unani Drugs and Developmental of Pharmacopoeial Standards of Unani Drugs.

The Department is attached with well equipped Pharmacology, Microbiology, Cell and Molecular Biology, Drug Standardization & Quality Control and Pharmacognosy Laboratories, and Animal House of NRIUMSD, Hyderabad, which are catering services for Research Projects, in addition to other Research Projects of the Institute.

EDUCATION

The Department is engaged in a comprehensive postgraduate teaching programme of MD-Unani (Ilmul Advia) course, and students are trained through a structured academic schedule comprising theory classes, hands-on practical classes, and dissertation projects. The department continues to organize monthly meetings for postgraduate training. The training component includes research skills, development of protocols and guidelines. Students are posted in Drug Standardisation research Laboratory, Pharmacology Laboratory and Pharmacy section of the Institute.

A 6th Batch (2021-22) of 09 students was admitted to MD (Ilmul Advia) course of 3 years duration. The total number of students over the last six years is 45, out of them 21 students have passed out leaving the 24 students.

The department faculty members were actively engaged in teaching and training of postgraduate students, and research. Academic activities for postgraduate students included lecture classes, seminars, journal club, and tutorials. The faculty members took their lectures and classes as per fixed schedule, and syllabus prescribed by NCISM.

The M.D. (Unani) Degrees in Ilmul Advia (Pharmacology) have been awarded to the 14 students, i.e., 7 students of the 1st Batch (2016-17) and 7 students of the 2nd Batch (2017-18) by the University. The dissertations of all PG Students of 3rd Batch (2018-19) have been approved the University, and they all have passed their MD Part-II examinations. Preclinical and drug standardization studies for dissertations of PG students of 4th batch (2019-20) are being carried out. PG students of 5th Batch (2020-21) have submitted the synopses for their dissertation work to the University under the guidance of their supervisors on 31.08.2021; they have also obtained ethical approval by the IAEC for preclinical animal studies as applicable. Their examinations have to be conducted by the University in April, 2022. The students of 6th Batch (2021-22) were engaged in the preparation of synopsis for their dissertation work under the guidance of Faculty Members, for submission to the University through the Department.

RESEARCH

The faculty and scientists of the department were actively involved in ongoing departmental research projects as well as other clinical research projects of the Institute, and they continued with guiding PG students.

I. Completed Departmental Research Projects (Dissertations of 1st Batch – 2016-17)

The following 07 drug standardization/ preclinical studies have been carried out by the P.G. students of 1st Batch (2016-17) for their Dissertation work under the guidance of their supervisors:

1. Study of Nephroprotective Effect of *Karafs* (*Apium graveolens* L.) in Cisplatin and Gentamicin-Induced Nephrotoxicity
2. Standardization of *Habb-e-Azaraqi* and its Toxicity Evaluation in Experimental Animals
3. Pre-Clinical Safety and Efficacy Study of *Majoon-e-Nisyān*
4. Development of Quality Standards and SOPs of a Polyherbal Unani Formulation, *Safūf-i Mu'allif*
5. Standardization and Evaluation of Anticancer Activity of a Unani Formulation on Human Cancer Cell Line
6. Standardization of a Polyherbal Unani Formulation – *Sharbat-e-Zoofa Murakkab*
7. Standardization of a Polyherbal Unani Formulation *Qurs-e-Sa'fa*

II. Completed Departmental Research Projects (Dissertations of 2nd Batch – 2017-18)

The following 07 drug standardization/ preclinical studies have been carried out by the P.G. students of 2nd Batch (2017-18) for their Dissertation work under the guidance of their supervisors:

1. Quality Control of *Habb-e-Zeequn Nafas* and its Preclinical Toxicity Evaluation
2. Antipyretic, Analgesic and Anti-thrombocytopenic Activity of a Polyherbal Unani Formulation in Experimental Animals
3. Standardisation and Evaluation of Anti-microbial Activity of a Polyherbal Unani Formulation *Habb-e-Shahtara*
4. Standardisation and Development of HPTLC Finger Printing of a Polyherbal Unani Formulation *Habb-e-Banafsha*
5. Antipyretic, Analgesic and Anti-inflammatory Activity of *Qurs Afsanteen Saghir* in Experimental Animals
6. Antidiabetic Activity of a compound Unani Formulation in Nicotinamide-Streptozotocin-induced Diabetic Rats
7. Standardisation and Development of SOPs of a Unani Formulation – *Itrifal Hakeem Ali*

III. Completed Departmental Research Projects (Dissertations of 3rd Batch – 2018-19)

The following 07 drug standardization/ preclinical studies have been carried out by the P.G. students of 3rd Batch (2018-19) for their Dissertation work under the guidance of their supervisors:

1. Development of Pharmacopoeial Standards and Evaluation of Anti-microbial Activity of a Polyherbal Unani Formulation *Qurs-e-Musaffi*
2. Physiochemical Standardization of *Capsule Mubarak*, a compound Unani Formulation and its Analgesic, Antipyretic and Anti-inflammatory Activity in experimental animals
3. Physicochemical Standardization of *Safoof-e-Ziabetus* and Evaluation of its Antidiabetic Activity in Nicotinamide-Streptozotocin- Induced Diabetic Rats
4. Standardization, Preclinical Toxicity Evaluation and Anti-microbial Activity of *Qurs-i Bel*
5. Development of Pharmacopoeial Standards and Evaluation of Anticancer Activity of a Classical Unani Formulation on Human cancer cell line
6. Standardization, Development of Standard Operational Procedure (SOPs) and Evaluation of Antimicrobial Activity of A Polyherbal Unani Formulation *Qurs-e-Mafasil*
7. Physicochemical Standardization of Majoon Ustukhuddus and Evaluation of its Antiepileptic Activity in experimental animals

IV. Ongoing Departmental Research Projects (Dissertations of 4th Batch – 2019-20)

The following 06 drug standardization/ preclinical studies are being carried out by the P.G. students of 4th Batch (2019-20) for their Dissertation work under the guidance of their supervisors after getting approval from Institutional Animal Ethics Committee (IAEC) as applicable:

1. Physicochemical Standardization and Evaluation of Anticancer activity of a Unani Formulation “*Matbukh Sana*” on Human Cancer Cell Line
2. Evaluation of Anti-depressant and Anxiolytic Activity of *Safoof-i Sawda* in Experimental Animals
3. Development of Pharmacopoeial Standards and Evaluation of Anticancer Activity of a Classical Unani Formulation - *Safoof-i Saba*
4. Development of Pharmacopoeial Standards and Evaluation of Antimicrobial Activity of *Safoof-i Dama Halidiwala*
5. Standardization and Evaluation of Antimicrobial Activity of a Polyherbal Unani Formulation – *Qurs-i Afsanteen*

6. Development of Pharmacopoeial Standards and Evaluation of Antimicrobial Activity of a Polyherbal Unani Formulation – *Safoof-i Aslussoos*

V. Ongoing Departmental Research Projects (Dissertations of 5th Batch – 2020-21)

The following 09 drug standardization/ preclinical studies have to be carried out by the P.G. students of 5th Batch (2020-21) for their Dissertation work under the guidance of their supervisors:

1. Physicochemical Standards and Evaluation of Anticancer activity of an Unani Formulation “*Itrifal Aftimoon*” on Human Cancer Cell Line
2. Botanical Identity, Pharmacognostic and phytochemical standards of market sample of *Badam Talkh* (Bitter Almond)
3. Development of Pharmacopoeial Standards and Evaluation of Antioxidant Activity of a Classical Unani Formulation *Safoof-i-Kalaf*
4. Development of Pharmacopoeial Standards and Evaluation of Antimicrobial & Antioxidant Activities of a Polyherbal Unani Formulation *Safoof-i-Kakra Singhi*
5. Physicochemical Standardization and Evaluation of Antioxidant Activity of a Polyherbal Unani Formulation – *Habb-i-Sana*
6. Physicochemical Standards and Evaluation of Anticancer activity of an Unani Formulation “*Matbukh Aftimoon*” on Human Cancer Cell Line
7. Standardization and evaluation of Antidiabetic Activity of a Herbomineral Unani Formulation – *Qurs-i-Zayabitus* in Nicotinamide-Streptozocin induced Diabetes in Rats
8. Standardization and Evaluation of Antiulcer Activity of a Unani Formulation – *Safoof Muqliyasa* in Experimental Animals
9. Standardization and Development of Standard Operating Procedures (SOPs) of a Polyherbal Unani Formulation – *Qurs-i-Bawaseer*

Teaching Staff

S. No.	Name	Designation	Qualification
1.	Prof. Mohammad Zakir	Professor & HOD	B.U.M.S., M.D.
2.	Dr. Javed Inam Siddiqui	Reader	B.U.M.S., M.D.
3.	Dr. Uzma Viqar	Reader (Contractual)	B.U.M.S., M.D.

CENTRAL LIBRARY

Library is the nerve centre of the Institute as it nurtures all associated with the Institute in one way or the other – doctors and researchers in particular. The institute has well established library, which has a huge collection of 6,241 books in different languages, including 1441 books on Unani Medicine, 2750 books in the subject of Modern Medicine and related subjects, and 2050 books in other areas; out of these, 3,500 are Reference Books. Besides, this Library has 5600 issues of 1550 Medical Journals, 150 M.D. Unani Thesis, 06 Manuscripts, 40 Maps & Charts for reference and research purpose; 12 CDs containing rare books and other material and e-granthalaya Library Software designed by NIC for CCRUM. In order to meet the requirements right from planning through execution to assessment and evaluation of research projects, the Library is regularly upgraded by adding new publications in the form of books and journals.

DEPARTMENTAL LIBRARY, MOALAJAT

PG Department of Moalajat (Medicine) has its own departmental library, comprising 117 books on the subjects of Unani Medicine, Medicinal Plants and other areas of Modern Medicine in different languages (98 Unani books and 19 Modern Medicine Books). Besides, this Library has various issues of 03 journals. In order to meet the requirements right from planning through execution to assessment and evaluation of research projects, the Library is regularly upgraded by adding new publications in the form of books and journals.

DEPARTMENTAL LIBRARY, ILMUL ADVIA

PG Department of Ilmul Advia (Pharmacology) has its own departmental library, comprising 154 books on the subjects of Unani Pharmacology, Medicinal Plants and other areas of Modern Medicine in different languages (133 Unani books and 21 Modern Medicine & related Books). Besides, this Library has various issues of 05 journals. In order to meet the requirements right from planning through execution to assessment and evaluation of research projects, the Library is regularly upgraded by adding new publications in the form of books and journals.

Organization of Training Programme/ Workshop/ Brainstorming at NRIUMSD, Hyderabad

S. No.	Title of the Training	Date	Name of the Officers attended the Training Programme
1.	Training Programme on Research Methodology	26.07.2021 to 31.07.2021	<ul style="list-style-type: none"> • Faculty Members, PG Scholars, and Research Officers of NRIUMSD, Hyderabad • Faculty Members and PG Scholars of Govt. Nizamia Tibbi College, Hyderabad • Faculty Members and PG Scholars of Dr. BRKR Govt. Ayurvedic College, Hyderabad
2.	Segregation of Biomedical Waste and its Disposal (as per the NABH and State Pollution Control Board Norms)	01.10.2021	Faculty Members, Research Officers, Staff Nurses, Laboratory Technicians, Laboratory Attendants and Peons of NRIUMSD, Hyderabad
3.	<p>“CME Programme on Cancer” Two Lectures were delivered:</p> <p>i. “Nutrition and Cancer” by Mrs. Vasudha Mathur, HOD & Consultant Clinical Nutritionist, Cancer Clinics, Hyderabad; and</p> <p>ii. “Cancer” by Prof. Mohammad Nawab, Professor, Moalajat</p>	09.10.2021	Faculty Members, PG Scholars, and Research Officers of NRIUMSD, Hyderabad

Participation in Training Programmes organized by other Organizations

S. No.	Title of the Training Programme	Organized by	Date & Duration	Place	Name of the Officers deputed to the Training Programme
1.	National Level Faculty Development Programme on Research Methodology	Amar Sew Mandals Kamla Nehru Mahavidyalaya, Nagpur, Maharashtra	26.04.2021 to 01.05.2021 (5 days)	Online	Dr. Javed Inam Siddiqui, Lecturer, Ilmul Advia (Pharmacology)
2.	National online Faculty Development Program on ICT Tools for Effective Teaching and Learning	IQAC, Kamla Nehru Mahavidyalaya, Nagpur, Maharashtra	08.06.2021 to 10.06.2021 (3 days)	Online	Dr. Javed Inam Siddiqui, Lecturer, Ilmul Advia (Pharmacology)
3.	3 Day Training on "Programme on Implementation (POI) of NABH Standards for Unani Hospitals"	NABH	28.07.2021 to 30.07.2021 (3 days)	Online	Dr. Syeda Hajra Fatima, Research Officer (Pathology)
4.	Workshop cum Hands on Training Program on "Creating Healthy World through Agriculture-Base, Balance Diet"	Division of Biochemistry, ICAR-IARI & Society for Plant Biochemistry and Biotechnology (SPBB)	06.09.2021 to 08.09.2021	Online	Dr. Mohd. Kashif Husain, RO (Botany)
5.	Teaching & Learning Process: Implementation of ICT Tools	DST, GUJCOST and Dr. D.P. Pharmacy College, Gujarat	08.09.2021	Online	Dr. Javed Inam Siddiqui, Lecturer, Ilmul Advia (Pharmacology)
6.	Virtual Training/ Brainstorming Programme on e-OPD through CDAC	Rashtriya Ayurveda Vidyapeeth, New Delhi	20.1.2022	Online	Prof. Mohammad Zakir, Professor, Ilmul Advia (Pharmacology)
7.	One day Programme on "Hands on Training on Causality Assessment"	NIUM, Bangalore	19.2.2022	NIUM, Bangalore	Dr. Javed Inam Siddiqui, Reader, Ilmul Advia (Pharmacology)
8.	Workshop on "Scientific Writing, Research Integrity and Publication Ethics"	In collaboration with Centre for Publication Ethics (CPE) and Centre for Complementary & Integrative Health (CCIH), Savitribai Phule Pune University (SPPU)	21.03.2022 to 25.03.2022 (5 days)	Yashwantrao Chavan Academy of Development Administration (YASHADA), Pune	Prof. Arzeena Jabeen, Professor (Moalajat) & PG Co-ordinator

Participation in Seminars/Workshops/Conferences/Meetings organized by other Organizations

S. No.	Title of the Programme	Organized by	Date & Duration	Place	Name of the Officers attended the Programme
1.	National Webinar on Awareness on Pharmacovigilance of ASU & H Drugs	Regional Research Institute for Homoeopathy, Kolkata	24.03.2021	Online	Dr. Javed Inam Siddiqui, Lecturer, Ilmul Advia (Pharmacology)
2.	National Webinar on Awareness on Pharmacovigilance of ASU & H Drugs and Misleading Advertisements	PPvC, Regional Ayurveda Research Centre, Dimapur, Nagaland	27.03.2021	Online	Dr. Javed Inam Siddiqui, Lecturer, Ilmul Advia (Pharmacology)
3.	2 nd International Conference on “Mind Body Medicine in Endocrinology & Diabetes”	Diabetic Association of India, Pune	27.03.2021 to 28.03.2021	Online	Dr. Mohammad Zakir, Lecturer, Ilmul Advia (Pharmacology)
4.	2 nd International Workshop on “Mind Body Medicine in Endocrinology & Diabetes”	Diabetic Association of India, Pune	03.04.2021	Online	Dr. Mohammad Zakir, Lecturer, Ilmul Advia (Pharmacology)
5.	Webinar on Obesity - Treatment via Diet Management	Society of Pharmaceutical Sciences and Research (SPSR)	11.04.2021	Online	Dr. Mohd Kashif Husain, RO (Botany)
6.	Webinar on “The evolving role of the microbiology lab: COVID-19, AMS and new automated technologies that improve rapid diagnostics”	Labroots, Yorba Linda, California	11.04.2021	Online	Prof. Qamar Uddin, Professor & HOD, Moalajat
7.	Webinar on “Pneumonia Diagnosis: Bacterial Superinfection in COVID-19 Patients”	Labroots, Yorba Linda, California	13.04.2021	Online	Prof. Qamar Uddin, Professor & HOD, Moalajat
8.	National Webinar on “Technology Transfer in Pharmaceuticals”	PharmaTutor Edu Labs (Pharmacy Infopedia)	17.04.2021	Online	Prof. Qamar Uddin, Professor & HOD, Moalajat
9.	Webinar entitled ‘Navigating Your Journey from Research to Patent & How Patent and Publication Differ?’	Society of Pharmaceutical Sciences and Research (SPSR)	18.04.2021	Online	Dr. Mohd Kashif Husain, RO (Botany)
10.	Webinar on “Coronavirus Virtual Event Series”	Labroots, Yorba Linda, California	20.04.2021	Online	Prof. Qamar Uddin, Professor & HOD, Moalajat
11.	Webinar on “Putting Serological SARS-CoV-2 Testing into Context”	Labroots, Yorba Linda, California	21.04.2021	Online	Prof. Qamar Uddin, Professor & HOD, Moalajat
12.	National Webinar on Medical Ethics for	A.D. Ayurved Medical	28.04.2021	Online	Dr. Javed Inam Siddiqui, Lecturer,

S. No.	Title of the Programme	Organized by	Date & Duration	Place	Name of the Officers attended the Programme
	Ayurveda Doctors	College & Research Centre, Asha, Maharashtra			Ilmul Advia (Pharmacology)
13.	National Webinar on Innovations and Application of Data Analytics in Medicinal Chemistry	Nirmala College of Pharmacy, Manglagiri, Andhra Pradesh	07.05.2021	Online	Dr. Javed Inam Siddiqui, Lecturer, Ilmul Advia (Pharmacology)
14.	Webinar on “The Impact of SARS-CoV-2 Genomic Surveillance Locally, Nationally, and Globally	Labroots, Yorba Linda, California	10.05.2021	Online	Prof. Qamar Uddin, Professor & HOD, Moalajat
15.	National Webinar on Pharmacovigilance & Medical Ethics in Ayurved	SRC Ayurved College, Chikha, Maharashtra	18.05.2021	Online	Dr. Javed Inam Siddiqui, Lecturer, Ilmul Advia (Pharmacology)
16.	Webinar on “Lyme Disease: Past, Present and Future	Labroots, Yorba Linda, California	19.05.2021	Online	Prof. Qamar Uddin, Professor & HOD, Moalajat
17.	Webinar on “HbA1c: Past, Present and Future”	Labroots, Yorba Linda, California	20.05.2021	Online	Prof. Qamar Uddin, Professor & HOD, Moalajat
18.	“Exploring the Facts – Post Covid-19 Sequelae & Unani Medicines”	Rashtriya Ayurveda Vidyapeeth	24.05.2021	Online	1. Dr. Mohd Kashif Husain, RO (Botany) 2. Dr. G. Panchala Pratap, RA (Botany)
19.	National Webinar on Drug Discovery and Development: Role of Receptors in Basic Biological Research	Sree Vidyanikethan College of Pharmacy, Tirupati, A.P.	28.05.2021	Online	Dr. Javed Inam Siddiqui, Lecturer, Ilmul Advia (Pharmacology)
20.	Webinar on “Immunological profiling using multiple model systems to understand SARSCoV-2 infection”	Labroots, Yorba Linda, California	30.05.2021	Online	Prof. Qamar Uddin, Professor & HOD, Moalajat
21.	National Webinar on Lifestyle Changes and Adaptation Post COVID-19 Infection	Sree Vidyanikethan College of Pharmacy, Tirupati, A.P.	31.05.2021	Online	Dr. Javed Inam Siddiqui, Lecturer, Ilmul Advia (Pharmacology)
22.	Webinar on “Hepatitis E: The New Challenges of a Peculiar Viral Hepatitis”	Labroots, Yorba Linda, California	03.06.2021	Online	Prof. Qamar Uddin, Professor & HOD, Moalajat
23.	Webinar on “Researching Early Detection of Ovarian and Endometrial Cancer using High Sensitivity Genomic Assays”	Labroots, Yorba Linda, California	09.06.2021	Online	Prof. Qamar Uddin, Professor & HOD, Moalajat

S. No.	Title of the Programme	Organized by	Date & Duration	Place	Name of the Officers attended the Programme
24.	Webinar on “Innovations in Vaccine Research and Development”	Labroots, Yorba Linda, California	10.06.2021	Online	Prof. Qamar Uddin, Professor & HOD, Moalajat
25.	Webinar on “Antigen-specific CD4 T Cell Responses in Humans: SARS-CoV-2 and beyond”	Labroots, Yorba Linda, California	11.06.2021	Online	Prof. Qamar Uddin, Professor & HOD, Moalajat
26.	National workshop on Research Methodology and Scientific Tools	Madhyanchal Professional University, Bhopal, M.P.	14.06.2021 to 16.06.2021	Online	Dr. Javed Inam Siddiqui, Lecturer, Ilmul Advia (Pharmacology)
27.	Webinar on “HbA1c: The Hidden Factors - Biological Interferences”	Labroots, Yorba Linda, California	15.06.2021	Online	Prof. Qamar Uddin, Professor & HOD, Moalajat
28.	Meeting of the Incharges of Institutes to discuss the issues related to the Telecounselling	CCRUM, New Delhi	16.06.2021	Online	Prof. Munawwar Husain Kazmi, Director
29.	Webinar series as part of IDY-2021 Activities	CCRUM, New Delhi	16.06.2021	Online	1. Dr. Mohd Kashif Husain, RO (Botany) 2. Dr. G. Panchala Pratap, RA (Botany)
30.	Webinar on "Importance of Yoga in Public Health" by Shri I.N. Acharya, Programme Officer (Y & N), MDNIY, New Delhi	CCRUM, New Delhi	16.06.2021	Online	1. Dr. Mohd Kashif Husain, RO (Botany) 2. Dr. G. Panchala Pratap, RA (Botany)
31.	Webinar on "Yoga for Joint Care" by Dr. Keerthana, Yoga Expert, Chennai, Tamil Nadu	CCRUM, New Delhi	17.06.2021	Online	1. Dr. Mohd Kashif Husain, RO (Botany) 2. Dr. G. Panchala Pratap, RA (Botany)
32.	Webinar on “Advanced Enzymes to facilitate SARS-CoV-2 Research”	Labroots, Yorba Linda, California	18.06.2021	Online	Prof. Qamar Uddin, Professor & HOD, Moalajat
33.	Webinar on “Humoral Response after SARS-CoV-2 mRNA Vaccine in a Cohort of Hemodialysis Patients and Kidney Transplant Recipients”	Labroots, Yorba Linda, California	18.06.2021	Online	Prof. Qamar Uddin, Professor & HOD, Moalajat
34.	Webinar on "Weight Loss Made Easy by Yoga" by Prof. S.T. Ventateswaran, Chennai and Bhavas by Dr. Shubra Verma, Mumbai	---	18.06.2021	Online	1. Dr. Mohd Kashif Husain, RO (Botany) 2. Dr. G. Panchala Pratap, RA (Botany)
35.	Webinar on “Bhavas (Feeling or Attitude) with which you do Asanas”	CCRUM, M/o AYUSH, Govt. of India	18.06.2021	Online	1. Dr. Mohd Kashif Husain, RO (Botany) 2. Dr. G. Panchala Pratap, RA (Botany)
36.	Webinar on “Stress Management during COVID-19 Pandemic:	CCRUM, M/o AYUSH, Govt. of India	19.06.2021	Online	1. Dr. Mohd Kashif Husain, RO (Botany) 2. Dr. G. Panchala

S. No.	Title of the Programme	Organized by	Date & Duration	Place	Name of the Officers attended the Programme
	Role of Yoga and Unani Practices”				Pratap, RA (Botany)
37.	Webinar on “Role of Ayurveda in COVID-19” by Vaidya Rajesh Kotecha, Secretary to Govt. of India, M/o AYUSH	CCRAS, M/o AYUSH, Govt. of India	19.06.2021	Online	1. Dr. Mohd Kashif Husain, RO (Botany) 2. Dr. Javed Inam Siddiqui, Lecturer, Ilmul Advia 3. Dr. G. Panchala Pratap, RA (Botany)
38.	Webinar on “Yoga for Lifestyle Diseases”	CCRUM, M/o AYUSH, Govt. of India	20.06.2021	Online	1. Dr. Mohd Kashif Husain, RO (Botany) 2. Dr. Javed Inam Siddiqui, Lecturer, Ilmul Advia 3. Dr. G. Panchala Pratap, RA (Botany)
39.	Lecture on “Common Yoga Protocol” delivered by Prof. Mohammad Zakir Professor, Ilmul Advia, NRIUMSD, Hyderabad	NRIUMSD, Hyderabad	21.06.2021	Online	Faculty Members, Research Officers and PG Scholars of NRIUMSD, Hyderabad
40.	Webinar on “Role of Cov-2 Serology in a vaccinated world”	Labroots, Yorba Linda, California	22.6.2021	Online	Prof. Qamar Uddin, Professor & HOD, Moalajat
41.	National Webinar on Pharmacovigilance of ASU & H Drugs	PPvC, Regional Research Institute of Unani Medicine, Chennai	23.6.2021	Online	1. Prof. Qamar Uddin, Professor & HOD, Moalajat 2. Dr. Javed Inam Siddiqui, Lecturer, Ilmul Advia (Pharmacology)
42.	City Official Language Implementation Committee (Central Government-1)	Ministry of Home Affairs, Government of India	23.06.2021	NRIUMSD, Hyderabad	Dr. G. Panchala Pratap, RA (Botany)
43.	National Webinar on Research Funding: Opportunities and Application Process	Anwarul Uloom College of Pharmacy, Hyderabad	26.06.2021	Online	Dr. Javed Inam Siddiqui, Lecturer, Ilmul Advia (Pharmacology)
44.	e-Conference on Recent Advances in Physical, Chemical and Biological Sciences	Department of Chemistry, Nabira Mahavidyalaya, Katol	29.06.2021 to 30.06.2021	Online	Dr. Javed Inam Siddiqui, Lecturer, Ilmul Advia (Pharmacology)
45.	Webinar Introduction to the current trends in experimental Pharmacology	MET Bhujbal Knowledge City, Adagaon, Nashik	16.07.2021	Online	Dr. Mohammad Zakir, Lecturer, Ilmul Advia (Pharmacology)
46.	National Seminar & Continuing Medical Education (CME) on “Prospects of New Dosage Forms in Unani Medicine”	Jamia Hamdard, in Collaboration with Dehlvi Remedies Pvt. Ltd.	11.08.2021	Online	1. Prof. Qamar Uddin, Professor & HOD, Moalajat 2. Dr. Javed Inam Siddiqui, Lecturer, Ilmul Advia

S. No.	Title of the Programme	Organized by	Date & Duration	Place	Name of the Officers attended the Programme
47.	Webinar on “The Importance of simultaneously detecting and differentiating SARS-CoV-2 and influenza during flu season	Labroots, Yorba Linda, California	25.8.2021	Online	Prof. Qamar Uddin, Professor & HOD, Moalajat
48.	International Conference on Multifunctional Advance Material, VICMAM-2021	Kamla Nehru Mahavidyalaya, Nagpur	09.08.2021 to 10.08.2021	Online	Dr. Javed Inam Siddiqui, Lecturer, Ilmul Advia (Pharmacology)
49.	Recent Advances in Drug Development for Mankind	Department of Chemistry, GITAM School of Science, Visakhapatnam	26.08.2021 to 27.08.2021	Online	Dr. Mohd. Kashif Husain, RO (Botany)
50.	Hamdard Food Webinar Series (2021)	Dept. of Food Technology, Jamia Hamdard	08.09.2021	Online	Dr. Javed Inam Siddiqui, Lecturer, Ilmul Advia (Pharmacology)
51.	Webinar on “Treatment of Anaemia in Unani System of Medicine”	NRIUMSD under CCRUM, M/o AYUSH, Govt. of India	11.09.2021	Online	Faculty Members, Research Officers and PG Scholars of NRIUMSD, Hyderabad
52.	Institutional Review Meeting of NRIUMSD, Hyderabad	CCRUM, New Delhi	14.09.2021 to 15.09.2021	CCRUM, New Delhi	Dr. Ahmed Minhajuddin, Director Incharge, NRIUMSD, Hyderabad
53.	A Survey on Knowledge, Attitude and Practices (KAP) on Pharmacovigilance of ASU & H Drugs	Intermediary Pharmacovigilance Centre for Unani Drugs, NIUM, Bangalore	16.09.2021	Online	Prof. Qamar Uddin, Professor & HOD, Moalajat
54.	Webinar on “Test and Differentiate COVID-19, Flu A/B, and RSV with one Assay”	Labroots, Yorba Linda, California	27.09.2021	Online	Prof. Qamar Uddin, Professor & HOD, Moalajat
55.	International e-Conference on Pharmaceutical Research and Innovation to tackle Future Healthcare Arena	MSG College of Pharmaceutical Education and Research, Nasik, Maharashtra	27.09.2021 to 29.09.2021	Online	Dr. Javed Inam Siddiqui, Lecturer, Ilmul Advia (Pharmacology)
56.	Pharmacovigilance Awareness Program on Ayurveda Drugs	PPvC, B.M.K. Ayurveda Mahavidyalaya, Karnataka	28.09.2021	Online	Dr. Javed Inam Siddiqui, Lecturer, Ilmul Advia (Pharmacology)
57.	National Webinar on Magical Microbes: Episode I	College of Pharmaceutical Technology, Barasat, Kolkata	01.10.2021	Online	Dr. Javed Inam Siddiqui, Lecturer, Ilmul Advia (Pharmacology)

S. No.	Title of the Programme	Organized by	Date & Duration	Place	Name of the Officers attended the Programme
58.	A Conference and CME on the '4 th UDMA Day, at Jamia Hamdard, Delhi	UDMA and Directorate of AYUSH, Govt of NCT, Delhi	11.10.2021	Online	1. Dr. Mohd. Kashif Husain, RO (Botany) 2. Dr. G. Panchala Pratap, RA (Botany)
59.	Climate Change and Upcoming COP-26	Council for Green Revolution, Hyderabad	19.10.2021	Online	Dr. G. Panchala Pratap, RA (Botany)
60.	National Webinar on Pharmacovigilance Awareness Programme for ASU & H Drugs	RRAP Central Ayurveda Research Institute, Mumbai	27.10.2021	Online	Dr. Javed Inam Siddiqui, Lecturer, Ilmul Advia (Pharmacology)
61.	National Webinar on Awareness of Pharmacovigilance in Ayurvedic Drugs	PPvC, Central Ayurveda Research Institute, Kolkata	29.10.2021	Online	Dr. Javed Inam Siddiqui, Lecturer, Ilmul Advia (Pharmacology)
62.	Webinar on "Open Science: A multifaceted framework to improve Science and Health Outcomes"	ICMR and Researcher Academy, Elsevier	29.10.2021	Online	Prof. Qamar Uddin, Professor & HOD, Moalajat
63.	National Webinar on Pharmacovigilance of ASU & H Drugs	PPvC, Central Research Institute of Unani Medicine, Lucknow	12.11.2021	Online	Prof. Qamar Uddin, Professor & HOD, Moalajat
64.	16 th CME Programme on Unani Medicine	Unani Medicine Doctors Association in collaboration with Biogreen Remedies Pvt. Ltd.	14.11.2021	ITC Kakatiya, Hyderabad	Director I/C, Faculty Members, Research Officers and PG Scholars of NRIUMSD, Hyderabad
65.	National Seminar on Intellectual Property Rights	CCRUM and National Medicinal Plants Board, M/o AYUSH Govt. of India	25.11.2021	NRIUMSD, Hyderabad	Director I/C, Faculty Members, Research Officers and PG Scholars of NRIUMSD, Hyderabad
66.	National Level Webinar on Prip Innovate 2-Trends In Drug Delivery: Accelerating The Drug Targeting	Pulla Reddy Institute of Pharmacy, Hyderabad	29.11.2021	Online	Dr. Javed Inam Siddiqui, Lecturer, Ilmul Advia (Pharmacology)
67.	Webinar on "Integration of Unani Medicine in Healthcare Delivery System"	AYUSH Committee, PHD Chamber of Commerce and Industry	02.12.2021	Online	Prof. Qamar Uddin, Professor & HOD, Moalajat
68.	संयुक्त क्षेत्रीय राजभाषा सम्मेलन व पुरस्कार समारोह, दक्षिण एवं दक्षिण	Rajbhasha Vibhag, Home Ministry, Govt of India	04.12.2021	Dr. Homibhabha Convention Centre	<ul style="list-style-type: none"> • डॉ. अहमद मिन्हाजुद्दीन, नराकास अध्यक्ष • डॉ. अर्जीना जवीन,

S. No.	Title of the Programme	Organized by	Date & Duration	Place	Name of the Officers attended the Programme
	पश्चिम			Auditorium, ECIL, Hyderabad	नराकास सदस्य सचिव • डॉ. मौ. काशिफ हुसैन, राजभाषा प्रभारी • श्रीमती कविता, हिंदी अनुवादक
69.	National Webinar on Pharmacovigilance of ASU & H Drugs	PPvC, Regional Ayurveda Research Institute, Itanagar, Arunachal Pradesh	10.12.2021	Online	Dr. Javed Inam Siddiqui, Lecturer, Ilmul Advia (Pharmacology)
70.	हिन्दी कार्यशाला	राष्ट्रीय त्वचा रोग यूनानी चिकित्सा अनुसंधान संस्थान	14.12.2021	राष्ट्रीय सूक्ष्म, लघु और मध्यम उद्यम संस्थान	• डॉ. अहमद मिन्हाजुद्दीन, नराकास अध्यक्ष • डॉ. अर्जीना जबीन, नराकास सदस्य सचिव • डॉ. मौ. काशिफ हुसैन, राजभाषा प्रभारी • श्रीमती कविता, हिंदी अनुवादक
71.	National Webinar on “Lessons Learned During COVID-19 Pandemic”	CCRUM, M/o AYUSH, Govt. of India	15.12.2021	Online	1. Prof. Qamar Uddin 3. Dr. Javed Inam Siddiqui 2. Dr. Mohd. Kashif Husain
72.	National Webinar on “Role of Nutrition in Maintaining Health”	CCRUM, M/o AYUSH, Govt. of India	16.12.2021	Online	1. Prof. Qamar Uddin 3. Dr. Javed Inam Siddiqui 2. Dr. Mohd. Kashif Husain
73.	National Webinar on “Taking Care of Mental Health During and After COVID-19”	CCRUM, M/o AYUSH, Govt. of India	20.12.2021	Online	1. Prof. Qamar Uddin 3. Dr. Javed Inam Siddiqui 2. Dr. Mohd. Kashif Husain
74.	National Webinar on Awareness of Pharmacovigilance of ASU & H Drugs	PPvC, HSZS Govt. Unani Medical College, Bhopal	20.12.2021	Online	Dr. Javed Inam Siddiqui, Lecturer, Ilmul Advia (Pharmacology)
75.	Webinar on “Vaccinology” at Indian Council of Medical Research	Researcher Academy, Elsevier	20.12.2021	Online	Prof. Qamar Uddin, Professor & HOD, Moalajat
76.	National Webinar on “Post-COVID Complications and Care”	CCRUM, M/o AYUSH, Govt. of India	21.12.2021	Online	1. Prof. Qamar Uddin 3. Dr. Javed Inam Siddiqui 2. Dr. Mohd. Kashif Husain
77.	Webinar on PRIP INNOVATE 3 Module 1: Role of Regulatory Affairs in Healthcare Systems (Preclinical Research)	Pulla Reddy Institute of Pharmacy, Hyderabad	22.12.2021	Online	Dr. Javed Inam Siddiqui, Lecturer, Ilmul Advia (Pharmacology)

S. No.	Title of the Programme	Organized by	Date & Duration	Place	Name of the Officers attended the Programme
78.	Meeting with DG, CCRUM regarding enhancement of usage of National Unani Morbidity Codes (NUMC)	CCRUM, New Delhi	24.12.2021	Online	1. Dr. Ahmed Minhajuddin 2. Prof. Qamar Uddin 3. Dr. Mohammad Zakir 4. Dr. Syeda Hajra Fatima
79.	Webinar on “SARS-CoV-2 Specific B cell Detection and Therapeutic Antibody Discovery”	Labroots, Yorba Linda, California.	12.01.2022	Online	Prof. Qamar Uddin, Professor & HOD, Moalajat
80.	CME cum Awareness Programme on Pharmacovigilance of ASU & H Drugs	PPvC, Ajmal Khan Tibbiya College, AMU, Aligarh	18.01.2022	Online	Prof. Qamar Uddin, Professor & HOD, Moalajat
81.	National webinar on Research Methodology organised as pre-activity on observation of Unani day	CRIUM, Lucknow	20.01.2022	Online	Prof. Qamar Uddin, Professor & HOD, Moalajat
82.	Webinar on “Drug Development in Unani Medicine”	Regional Research Institute of Unani Medicine, Chennai	27.01.2022	Online	1. Dr. Mohd Kashif Husain, RO (Botany) 2. Dr. G. Panchala Pratap, RA (Botany)
83.	National Webinar on “The Review of Clinical Research - Pre and Post COVID-19”	Nirmala College of Pharmacy, Vijayawada, A.P	29.01.2022	Online	Dr. Javed Inam Siddiqui, Reader, Ilmul Advia (Pharmacology)
84.	National Webinar on Fundamental Aspects of Unani Medicine	NRIUMSD, Hyderabad	31.01.2022	Online	Faculty Members, Research Officers and PG Scholars of NRIUMSD, Hyderabad
85.	Webinar on “Bio-Ethics with Emphasis on GCP Guidelines”	Regional Research Institute of Unani Medicine, Chennai	05.02.2022	Online	1. Dr. Mohd Kashif Husain, RO (Botany) 2. Dr. G. Panchala Pratap, RA (Botany)
86.	National Seminar on ‘ <i>Ilāj bi’l Tadbīr: Ahmiyat-o-Ifādiyat</i> ’	World Unani Foundation, Delhi	06.02.2022	Online	1. Dr. Javed Inam Siddiqui, Reader, Ilmul Advia 2. Dr. Mohd Kashif Husain, RO (Botany)
87.	National Webinar on “Unani System of Medicine for Public Health”	Directorate of AYUSH and A & U Tibbia College and Hospital, Delhi	12.02.2022	Online	Dr. Mohd Kashif Husain, RO (Botany)
88.	Webinar on “HIV-1 Genotyping Targeting	Labroots, Yorba Linda,	16.02.2022	Online	Prof. Qamar Uddin, Professor & HOD,

S. No.	Title of the Programme	Organized by	Date & Duration	Place	Name of the Officers attended the Programme
	Integrase - Perspectives on Surveillance of Antiretroviral Drug Resistance”	California			Moalajat
89.	Webinar on “ <i>Falsafa-i Akhlāt ba Liḥāz-i Ḥalāt-i Badan</i> ”	Department of Kulliyat-e-Tib, NIUM, Bangalore	19.02.2022	Online	1. Prof. Qamar Uddin, HOD, Moalajat 2. Dr. Mohd Kashif Husain, RO (Botany) 3. Dr. G. Panchala Pratap, RA (Botany)
90.	National Seminar on “Concept of <i>Akhlāt</i> as per the Modern Medical Parameters”	PG Dept. of Kulliyat, Govt. Tibbi College & Hospital, Patna	11.02.2022 to 12.02.2022	Online	Prof. Mohammad Zakir, Professor, Ilmul Advia (Pharmacology)
91.	Webinar on “Drug Discovery & Development 2022”	Labroots, Yorba Linda, California	24.02.2022	Online	Prof. Qamar Uddin, Professor & HOD, Moalajat
92.	Webinar on “Role of Medical Physiology in Fundamental Research” presented by Dr. Faiyaz Uddin, MD, Physiology, Osmania Medical College, Hyderabad	NRIUMSD, Hyderabad as celebration of “ <i>Azādī Kā Amrit Mahotsav</i> ” and “Science Week-2022”	26.02.2022	Online	Faculty Members, Research Officers and PG Scholars of NRIUMSD, Hyderabad
93.	Seminar on Intellectual Property Rights (especially on Patents) on the occasion of “National Science Day”	Central Instrumentation Facility (CIF), F/o Natural Sciences, Jamia Millia Islamia, New Delhi	28.02.2022	Online	Dr. Mohd. Kashif Husain, RO (Botany)
94.	National Webinar on Recent Trends in Analytical Techniques for the Development of Pharmaceutical Drugs	Nirmala College of Pharmacy, Vijayawada, AP	05.03.2022	Online	Dr. Javed Inam Siddiqui, Reader, Ilmul Advia (Pharmacology)
95.	National Webinar on Analytical Methods for Stability Testing of Pharmaceuticals and Herbal Formulations	Shri Vishnu College of Pharmacy, Bhimavaram, AP	07.03.2022 to 09.03.2022	Online	Dr. Javed Inam Siddiqui, Reader, Ilmul Advia (Pharmacology)
96.	International Conference on “Diet and Nutrition in Unani Medicine for Good Health & Well-being”	CCRUM, New Delhi (at Srinagar)	10.03.2022 to 11.03.2022	Online	Faculty Members, Research Officers and PG Scholars of NRIUMSD, Hyderabad

Research Papers Published In International/ National Scientific Journals

S. No.	Author & Co-Authors' Name	Year	Title of the Paper	Name of Journal	Volume No.	Page No.
1.	Husain N, Qamar U, Kazmi MH, Khalid M	2021	A non-inferiority randomized controlled clinical trial comparing Unani formulations & PUVAsof in non-segmental vitiligo	Journal of Complementary and Integrative Medicine	doi: 10.1515/jcim-2021-0057	
2.	Maseehullah MD, Zakir M, Anas M, Kazmi MH	2021	Ethno-pharmacology of <i>Asaroon</i> (<i>Asarum europaeum</i> L.) with special reference to Unani System of Medicine	Journal of Complementary and Integrative Medicine	doi: 10.1515/jcim-2021-0021	
3.	Ifra Abdul Qaiyyum, Moham mad Nawab, Munawwa r Husain Kazmi	2021	A randomized controlled clinical trial to evaluate safety and efficacy of a Unani formulation in the management of <i>Kalaf</i> (Melasma)	Journal of Complementary and Integrative Medicine	doi: 10.1515/jcim-2021-0353	
4.	Husain GM, Ahmad T, Fatima SH, Javed G, Kazmi MH, Urooj M	2021	90-Days Repeated Dose Oral Toxicity Study of <i>Sharbat-e-Deenar</i> (A Hepato-protective Unani Herbal Formulation)	Traditional and Integrative Medicine	6(1)	5-18
5.	Qureshi MA, Husain GM, Urooj M, Khan MA, Husain M, Kazmi MH	2021	Preclinical safety, anxiolytic and antidepressant activity of <i>Sufoof Jawahar Mohra</i> : A Unani formulation	Advances in Integrative Medicine	8(2)	114-121
6.	Ghali SK, Chakraborty A, Pallapolu P, Rafeeqi TA, Hussain GM, Javed G, Waheed MA, Kazmi MH	2021	Expression of MITF Gene in Melanogenesis with <i>Psoralea corylifolia</i> , <i>Zingiber officinale</i> , <i>Terminalia chebula</i> , <i>Punica granatum</i> and <i>Eclipta alba</i> based on Poly-Herbal Formulation	Journal of Biologically Active Products from Nature	11(2)	82-96
7.	Qamar U, Faiza K, Arzeena J, Azahar M, Alam MA, Munim A.	2021	Management of Psoriasis through Unani Medicine: a Case Study	CellMed	11(2)	1-7
8.	Ifra Abdul Qaiyyum, Abdul Kaiyum, Arzeena Jabeen, Mohammad Nawab	2021	Evaluating Clinical Efficacy and Safety of a Unani Formulation in the Management of <i>Nazla-i-Muzmin</i> (Chronic Rhinosinusitis)	CellMed	11(2)	e11:1-5
9.	Arjumand Naaz, Viqar U, Naikodi MAR, Siddiqui JI, Zakir M, Kazmi MH, Ahmed Minhajuddin	2021	Development of Standard Operating Procedures (SOPs), Standardization, TLC and HPTLC Fingerprinting of a Polyherbal Unani Formulation	CellMed	11(4)	e21: 1-9

S. No.	Author & Co-Authors' Name	Year	Title of the Paper	Name of Journal	Volume No.	Page No.
10.	Zaki Ahmad Siddiqui, Zubaida A. Ansari, Arzeena Jabeen, Mohd Anwar, Mohammad Zakir, Aslam Siddiqui, Abdur Rauf, Aziz ur Rahman, Kazmi MH	2021	Standard Operational Procedures (SOPs) and Physicochemical standardization of a classical Unani Formulation - <i>Qurs Mafāsīl Jadīd</i>	International Journal of Pharmaceutical Research	13(2)	2422-2430
11.	Mohd Anas, Mohammad Zakir, MD Maseehullah, and Munawwar Husain Kazmi	2021	Ethno-Pharmacological Profile of <i>Corallium rubrum</i> L., An Important Marine Drug, in the Unani System of Medicine	Natural Product Science	27(2)	61-67
12.	Najmuddin Ahmad Siddiqui, Asma Abid, Nazeem Fahamiya, Mohammad Zakir, and SH Arif	2021	Nephroprotective effect of <i>Bisehri Booti</i> (<i>Aerva lanata</i> (L.) Juss.) in Doxorubicin-induced nephrotoxicity	Drugs and Cell Therapies in Haematology	10(1)	1181-1195
13.	Khurshid Alam, Mohammad Nawab, Munawwar Husain Kazmi	2021	A randomized controlled clinical study to evaluate efficacy and safety of a topical Unani formulation in the management of <i>Nār Fārsī</i> (Eczema)	Indian Journal of Traditional Knowledge	20	644-650
14.	Ajay Godwin Potnuri, Kallmadi Prathap Reddy, Pothani Suresh, Husain GN, Kazmi MH, Nemani Harishanker	2021	Obesity Potentiates the Risk of Drug-induced long QT syndrome – Preliminary Evidence from WNIN/Ob Spontaneously Obese Rat	Cardiovascular Toxicology	21(10)	848-858
15.	Zaki MK, Qamar U, Jabeen A, Qureshi A, Munim A	2021	Unani and Modern Aspects of Eczema (<i>Nār Fārsī</i>): A Comprehensive Review	European Journal of Biomedical and Pharmaceutical Sciences	8(9)	253-258
16.	Juveria Jabeen, Qamar Uddin, Ansari Umme Ammara Maqbool Ahmad, Bhoraniya Abdullah Ismail	2021	Management of <i>Qillat-i-Darqiyyat</i> (Hypothyroidism) with a Combination of Unani Drugs Asgand (<i>Withania somnifera</i> (L.) Dunal) and Brahmi (<i>Bacopa monnieri</i> (L.) Wettst.) - A Case Study	<i>Haya Saudi J Life Sci</i>	6(10):	225-229
17.	Sanaul Moin, Javed Inam Siddiqui, Aftab Alam, Faiza Khatoon, Shayni Khan, Ahmad Minhajuddin	2021	Ethnomedicinal Potential of widely used plant <i>Azadirachta indica</i> A. Juss: A comprehensive review	The Journal of Phytopharmacology	10(6)	456-467

S. No.	Author & Co-Authors' Name	Year	Title of the Paper	Name of Journal	Volume No.	Page No.
18.	Khatoon F, Azahar M, Jabeen A, Qamar U, Khan S, Moin MS, Ahmad K, Zaki MK	2021	A comprehensive Review on <i>Buthūr Labaniyya</i> (Acne vulgaris) with special reference of Unani System of Medicine	The Journal of Phytopharmacology	10(6)	468-477
19.	Arshad Qureshi, Abdul Munim, Khalid Zaki, Mohd Asad, Mohammad Zakir, Javed Inam Siddiqui, Ahmad Minhajuddin	2021	Traditional uses, Phytochemistry and Pharmacological Activities of <i>Anacyclus pyrethrum</i> DC (<i>Āqarqarḥa</i>): A Comprehensive Review	International Journal of Pharmacy and Pharmaceutical Research	22(4)	376-393
20.	Zaki MK, Qamar U, Farooqi A, Minhajuddin A, Khatoon F, Munim A, Qureshi A, Asad M	2021	<i>Asl</i> (Honey) An Important Nutraceutical of Traditional Unani Medicine: A Review in the Context with Clinical Research	International Journal of Pharmacy and Pharmaceutical Research	22(4)	224-234
21.	Shabnam Anjum Ara, Seema Rani, Uzma Viqar, Mohammad Zakir, Safiya Khanam & Nargish Firdaus	2021	Traditional Unani and Contemporary Outlook of <i>Filfil Daraz</i> (Piper longum L.) - A Comprehensive Review	Journal of Natural Remedies	21(4)	265-274
22.	Mohammad Zakir, Safiya Khanam, Munawwar Husain Kazmi	2021	Medicinal Properties of <i>Hulba</i> (Fenugreek) in Unani System of Medicines (Chapter) In: Fenugreek – Biology, and Application (Book)	Springer Nature, Singapore	---	377-393
23.	Baira Venkatesh, Dandu Chaitra, Javed Inam Siddiqui, Mohammed Abdul Rasheed, Mohad Nazeer, Aslam Siddiqui and Ahmad Minhajuddin	2021	Pharmacognostic Evaluation, Physicochemical Standardization and HPTLC fingerprint analysis of pomegranate (<i>Punica granatum</i> L.) Leaf and seeds	Annals of Phytomedicine	10(2)	187-194
24.	Mohd Naushad, Mohd Urooj, Tasleem Ahmed Gulam Mohammed Husain, Munawwar Husain Kazmi, and Mohammad Zakir	2021	Nephroprotective effect of <i>Tukhm-e-Karafs</i> (<i>Apium graveolens</i> L.) against Cisplatin-induced nephrotoxicity	Journal of Ayurveda and Integrative Medicines	12(4)	607-615
25.	MD Maseehullah, Husain GM, Mohammed Zakir, Husain MK, Ghazala Javed, Kazmi MH, Mohd Urooj	2021	Antipyretic, Analgesic and Anti-inflammatory Activity of <i>Qurs Afsanteen Saghir</i> (A Polyherbal Unani Tablet) in Experimental Animals	Traditional and Integrative Medicine	6(4)	320-332

S. No.	Author & Co-Authors' Name	Year	Title of the Paper	Name of Journal	Volume No.	Page No.
26.	Ahmad AUAM, Qamar U, Jabeen J, Ismail BA	2021	Effect of Polyherbal Unani Drug in Rheumatoid Arthritis (<i>Waja' al-Mafāsīl</i>) Management: A Case Study	International journal of AYUSH Case reports (IJA-CARE)	5(4)	277-282
27.	Ahmad AUAM, Qamar U, Ismail BA, Juveria J	2021	Etiopathogenesis and Management of <i>Waja' al-Mafāsīl</i> (Rheumatoid Arthritis): An Evidence-Based Comprehensive Review	International Journal of Research in Ayurveda and Pharmacy	12(6)	96-103
28.	Zaki MK, Qamar U, Farooqui A, Minhajuddin A, Juveria J, Munim A, Faiza K, Qureshi A	2021	Management of Eczema through Unani medicine: The successful treatment of a Chronic Relapsing Case	International Journal of Pharmacy and Pharmaceutical Research	23(1)	11-20
29.	Munim A, Qamar U, Minhajuddin A, Qureshi A, Zaki MK, Khatoon F, Khan A	2021	<i>Atrilal</i> (<i>Ammi majus</i> Linn.) An Herbal Plant: A Comprehensive Review of the Medicinal Uses	International Journal of Pharmacy and Pharmaceutical Research	23(1)	47-57
30.	Abrar Alam, Javed Inam Siddiqui, Uzma Viqar, Ishtiyah Ahmad	2021	The Traditional uses, phytochemistry, pharmacological, and botanical description of <i>Quercus infectoria</i> galls (<i>Mazuphal</i>): A Review	Journal of Drug Delivery and Therapeutics	12(1):	214-221
31.	Qurratul Ain, Mohammad Nawab, Tasleem Ahmad, Munawwar Husain Kazmi and Mohammed Abdul Rasheed Naikodi	2022	Evaluating the safety and efficacy of a polyherbal Unani formulation in dyslipidaemia-a prospective randomized controlled trial	Journal of Ethnopharmacology	289	1-12
32.	Ifra Abdul Qaiyyum, Mohammad Nawab and Munawwar Husain Kazmi	2022	A Clinico-epidemiological Study of <i>Kalaf</i> (Melasma) and its Impact on Quality of Life	Hippocratic Journal of Unani Medicine	15(4)	61-75
33.	Nazeem Fahamiya, Shafeek G Ansari, Ansari ZA, Mohammad Aslam, Zakir Mohammad, Mohamed Shiffa, Mohammad Zahid Ashraf	2022	Temperature Standardization and Quality Standard of <i>Kushta e Gaodanti</i> by Adopting Classical and Modern Methods	Journal of Young Pharmacist	14(1)	67-72
34.	Mustehasan, Azhar M, Naushin S, Urooj M, Husain GM	2022	Overview of <i>Sang-e-Surma</i> (Antimony sulphide or Lead Sulphide): A Mineral Origin Unani Drug.	Traditional and Integrative Medicine	7(1)	124-134

S. No.	Author & Co-Authors' Name	Year	Title of the Paper	Name of Journal	Volume No.	Page No.
35.	Zareena A, Nawab M, Qamar U, Kazmi MH and Waseem A	2022	Cupping in Hypertension: A Strength of Unani System of Medicine	International Journal of Herbal Medicine	10(1)	22-25
36.	Ismail BA, Nawab M, Juveria Jabeen, Ahmad AUAM, Qamar U, Minhajuddin A	2022	Ethno-Pharmacology, Therapeutics, Pharmacokinetics, and Toxicology of <i>Samm-ul-Far</i> (Arsenic) in Traditional Medicine: A Narrative Review	Indo American Journal of Pharmaceutical Sciences	09(3):	160-170

**Lectures delivered or Research Papers presented in the Seminars/Workshops/Conferences/
Arogya/CME Programme**

S. No.	Name of the main Author & Co-authors	Year	Title of the Paper	Title of the Event	Organized by	Date & Place
1.	Prof. Munawwar Husain Kami, Former Director , NRIUMSD, Hyderabad	2021	Exploring the Facts – Post COVID-19 Sequelae & Unani Medicine	--	Rashtriya Ayurveda Vidyapeeth (National Academy of Ayurveda)	24.05.2021
2.	Dr. Arzeena Jabeen, Lecturer, Moalajat (Medicine), NRIUMSD, Hyderabad	2021	Unani Medicine for Mental Health	Webinar on Stress Management during COVID-19 Pandemic: Role of Yoga & Unani Practices	CCRU, New Delhi	19.06.2021
3.	Dr. Mohammad Zakir, Lecturer, Ilmul Advia (Pharmacology), NRIUMSD, Hyderabad	2021	Common Yoga Protocol	International Day of YOGA	NRIUMSD Hyderabad	21.06.2021
4.	Prof. Srikanthbabu Perugu, Principal I/C, Dr. BRKR Govt. Ayurvedic College, Hyderabad	2021	A Bird's Eye View of Research Methodology	Training Programme on Research Methodology	NRIUMSD Hyderabad	26.07.2021
5.	Dr. Mohammad Nawab, Reader, Moalajat (Medicine), NRIUMSD, Hyderabad	2021	An Introduction to a Clinical Trial - How to Design it?	Training Programme on Research Methodology	NRIUMSD Hyderabad	27.07.2021
6.	Dr. Gulam M Husain, Research Officer (Pharmacology), NRIUMSD, Hyderabad	2021	Drug Discovery & Development: An Overview	Training Programme on Research Methodology	NRIUMSD Hyderabad	27.07.2021
7.	Dr. Mohd Kashif Husain, Research Officer (Botany), NRIUMSD, Hyderabad	2021	Botanical Nomenclature, Identification and Collection of AYUSH Drugs of Plant Origin	Training Programme on Research Methodology	NRIUMSD Hyderabad	28.07.2021

S. No.	Name of the main Author & Co-authors	Year	Title of the Paper	Title of the Event	Organized by	Date & Place
8.	Dr. Mohammad Zakir, Lecturer, Ilmul Advia (Pharmacology), NRIUMSD, Hyderabad	2021	Literature Search	Training Programme on Research Methodology	NRIUMSD Hyderabad	28.07.2021
9.	Prof. Irfan Ali Khan, Editor-in-Chief, Annals of Phytomedicine, Ukaaz Publications	2021	Biostatistical Methods and their Applications in Analysis and Interpretation of Data	Training Programme on Research Methodology	NRIUMSD Hyderabad	29.07.2021
10.	Mrs. Syeda Marzia Banu	2021	Research Ethics	Training Programme on Research Methodology	NRIUMSD Hyderabad	29.07.2021
11.	Prof. Qamar Uddin, Professor & HOD, Moalajat (Medicine), NRIUMSD, Hyderabad	2021	How to Write a Clinical Trial Protocol	Training Programme on Research Methodology	NRIUMSD Hyderabad	30.07.2021
12.	Dr. Javed Inam Siddiqui, Lecturer, Ilmul Advia (Pharmacology), NRIUMSD, Hyderabad	2021	Drug standardization research and its scope	Training Programme on Research Methodology	NRIUMSD Hyderabad	30.07.2021
13.	Prof. Irfan Ali Khan, Editor-in-Chief, Annals of Phytomedicine, Ukaaz Publications	2021	Scientific Writing & Publication Ethics	Training Programme on Research Methodology	NRIUMSD Hyderabad	31.07.2021
14.	Dr. Uzma Viquar Reader (Contractual), NRIUMSD, Hyderabad	2021	How to write a Scientific Research Paper	Training Programme on Research Methodology	NRIUMSD Hyderabad	31.07.2021

Details of Monthly Technical Meetings/ Technical Lectures

S. No.	Title of Lecture/ Meeting Agenda	Delivered by/ Chaired by	Date
1.	Meeting with all Technical Officers regarding Annual Report for the Year 2020-21	Prof. MH Kazmi, Director	12.04.2021
2.	Meeting with Unani Physicians, Pathologist and Biochemist	Prof. MH Kazmi, Director	20.04.2021
3.	Meeting with Sectional Incharges	Dr. Ahmed Minhajuddin, Deputy Director (Unani)	24.04.2021
4.	Meeting with Assistant Directors and all Research Officers/ Technical Officers regarding set up of COVID Care Centre/ Quarantine Centre/ Post COVID-19 OPD at NRIUMSD, Hyderabad	Prof. MH Kazmi, Director	05.05.2021
5.	Meeting with Unani Physicians including contract Teaching Faculty and SRF/Research Associate to discuss regarding distribution of AYUSH-64	Prof. MH Kazmi, Director	02.06.2021

	Medicine to COVID-19 Patients		
6.	Meeting with Teaching Faculties and Research Officers (Unani)	Dr. Ahmed Minhajuddin, Director Incharge	02.07.2021
7.	Meeting with all Research Officers (Non-Medical)	Dr. Ahmed Minhajuddin, Director Incharge	10.07.2021
8.	Institutional Ethics Committee (IEC) Meeting to consider and approve the Clinical Studies to be conducted at NRIUMSD, Hyderabad and to approve clinical studies to be conducted by PG Scholars	Prof. Akhtarul Wasey, Chairman, IEC	15.07.2021
9.	Meeting of IAEC to consider and approve the Preclinical (Animal) Studies to be conducted at NRIUMSD, Hyderabad by ROs & PG Scholars	Dr. Ahmed Minhajuddin, Chairman, IAEC	21.08.2021
10.	A Technical Meeting regarding the large scale distribution of AYUSH Prophylactic Medicines to general public under the 'Azadi Ka Amrit Mahostav'	Dr. Ahmed Minhajuddin, Director Incharge	05.09.2021
11.	NABH Meeting with Concerned Officers	Dr. Ahmed Minhajuddin, Director Incharge	04.10.2021
12.	Meeting with Teaching Faculties, Research Officers, Other Staff Members, Contractual Staff, and Outsourced Staff	Dr. Ahmed Minhajuddin, Director Incharge	09.10.2021
13.	A meeting with all Teaching Faculties and Research Officers in connection with inviting Innovative Ideas for Promotion of AYUSH Systems globally through Scientific Validation and generation awareness	Dr. Ahmed Minhajuddin, Director Incharge	13.10.2021
14.	A Meeting with all Teaching Faculties and Research Officers in connection with Draft Programme for Seminar on IPR to be held at NRIUMSD, Hyderabad	Dr. Ahmed Minhajuddin, Director Incharge	12.11.2021
15.	A Meeting with all Teaching Faculties & Research Officers in connection with Seminar on IPR	Dr. Ahmed Minhajuddin, Director Incharge	16.11.2021
16.	A Meeting with all Teaching Faculties & Research Officers in connection with Seminar on IPR	Dr. Ahmed Minhajuddin, Director Incharge	18.11.2021
17.	A Meeting with all Teaching Faculties & Research Officers in connection with Seminar on IPR	Dr. Ahmed Minhajuddin, Director Incharge	24.11.2021
18.	A Review Meeting on IPR Seminar with Teaching Faculties, Research Officers, and other Staff Members of NRIUMSD, Hyderabad	Dr. Ahmed Minhajuddin, Director Incharge	26.11.2021
19.	Meeting with Teaching Faculties and Research Officers (Unani) of NRIUMSD, Hyderabad	Dr. Ahmed Minhajuddin, Director Incharge	05.01.2022
20.	Meeting with Teaching Faculties, Research Officers and Other Staff Members of NRIUMSD, Hyderabad	Dr. Ahmed Minhajuddin, Director Incharge	15.01.2022

Organization of Events on Raj Bhasha (राजभाषा पर कार्यक्रमों का आयोजन)

S. No.	Title of the Event	Date and Duration	Remarks
1.	‘Hindi Workshop’ (हिंदी कार्यशाला) on “भारत की राजभाषा नीति और हमारे दायित्व” “Official Language Policy of the Government of India and our Responsibility”	07.08.2021	<ul style="list-style-type: none"> राष्ट्रीय त्वचा रोग यूनानी चिकित्सा अनुसंधान संस्थान, हैदराबाद द्वारा हिंदी कार्यशाला का आयोजन किया गया। कार्यशाला में श्री प्रकाश जैन, संपादक, डेली हिंदी मिलाप, मुख्य अतिथि थे। कार्यशाला में संस्थान के सभी फैकल्टी मेम्बर्स, अनुसंधान अधिकारियों, पी.जी. स्कोलर्स एवं अन्य कर्मचारियों ने भाग लिया।
2.	हिंदी कार्यशाला राजभाषा नियम और हमारे दायित्व	23.12.2021	<ul style="list-style-type: none"> राष्ट्रीय त्वचा रोग यूनानी चिकित्सा अनुसंधान संस्थान, हैदराबाद द्वारा हिंदी कार्यशाला का आयोजन किया गया। डॉ. मौ. काशिफ़ हुसैन, राजभाषा प्रभारी ने अपना व्याख्यान प्रस्तुत किया। कार्यशाला में संस्थान के सभी फैकल्टी मेम्बर्स, अनुसंधान अधिकारियों, पी.जी. स्कोलर्स एवं अन्य कर्मचारियों ने भाग लिया।
3.	हिंदी कार्यशाला	29.03. 2022	<ul style="list-style-type: none"> राष्ट्रीय त्वचा रोग यूनानी चिकित्सा अनुसंधान संस्थान, हैदराबाद द्वारा हिंदी कार्यशाला का आयोजन किया गया। कार्यशाला की अध्यक्षता संस्थान के निदेशक प्रभारी, डॉ. अहमद मिन्हाजुद्दीन ने की। डॉ. मौ. काशिफ़ हुसैन, राजभाषा अधिकारी ने “राजभाषा नियम और कार्यालय का कामकाज” पर अपना व्याख्यान किया। कार्यशाला में संस्थान के सभी फैकल्टी मेम्बर्स, अनुसंधान अधिकारियों, पी.जी. स्कोलर्स एवं अन्य कर्मचारियों ने भाग लिया।

Events organized if any at the Institute

S. No.	Events	Place	Date	Remarks
1.	World Health Day	NRIUMSD, Hyderabad	07.04.2021	<p>World Health Day 2021 was observed, in which all the employees as well as patients attending the Institute's Hospital assembled in the lawn of the Institute at 10:30 AM. Dr. Asiya Khanum, Assistant Director (Unani) and Dr. Ahmed Minhajuddin, Deputy Director (Unani) spoke on the occasion on the importance of health, its prevention and treatment of diseases by using simple and safe herbal drugs of Unani System of Medicine. Impact of COVID-19 on mental health of the society at large was highlighted and adherence to the COVID-19 Protocol was emphasized. Use of immunity boosting medicines of AYUSH systems of medicine and taking of preventive measures necessary to prevent spread of infection were thoroughly explained.</p> <p>A second meeting was held at 3:00 PM in the Auditorium, in which Dr. Mushtaq Ahmad, Former Director addressed the gathering. Dr. Asiya Khanum, Assistant Director (Unani), Dr. Ahmed Minhajuddin, Prof. Qamar Uddin, Dr. Mohammad Nawab, Dr. Mohd. Nadeem and a PG Student Dr. Juveria Jabeen spoke on the importance of health, prevention of diseases and their treatment by using appropriate safe herbal medications. Dr. Asiya Khanum in her speech highlighted this year's theme of the World Health Day 'Building a fairer, healthier world. The programme came to the end with vote of thanks by Dr. Mohammad Zakir, who convened the programme.</p>
2.	A lecture on the "Life and Achievements of Hakīm M.A. Razzack Saheb", founder Director, CCRUM	NRIUMSD, Hyderabad	07.04.2021	<p>Attended by All Faculty Members, Research Officers, PG Scholars and other Staff of the Institute</p>

3.	International Day of YOGA-2021	NRIUMSD, Hyderabad	16.06.2021, 17.06.2021, 18.06.2021 & 21.06.2021	<p>The Institute formally conducted pre-activities for International Day of Yoga 2021 on 16.06.2021, 17.06.2021 and 18.06.2021.</p> <p>Public Awareness Lectures were organized at GOPD premises of the Institute to educate the people about health benefits of Yoga and advised and requested to adopt Yoga to maintain health.</p> <p>On 16.06.2021, Prof. Munawwar Husain Kazmi, Director delivered a lecture on the benefits of Yoga to maintain health. He highlighted the need, significance and advantages of Yoga in day to day life. He encouraged the patients to adopt Yoga practices to maintain health and fitness. He also advised to follow all COVID-19 guidelines to remain healthy and to stop the spread of COVID-19.</p> <p>Dr. Asiya Khanum, Assistant Director (Unani) on 17.06.2021 delivered a lecture on the benefits of Yoga. She stressed on the benefits of yoga and advised the audience to do Yoga on daily basis and she also briefed the audience with some yoga asana.</p> <p>On 18.06.2021, Dr. Ahmed Minhajuddin, Deputy Director (Unani) of the Institute delivered a lecture on the benefits of Yoga in Telugu to help the local people about the yoga practices. He encouraged the audience to adopt daily yoga and stay at home. Banners were displayed at various places in the Institute in order to create awareness about Yoga.</p> <p>The Faculty Members, Research Officers, PG Scholars and other staff members assembled in Yoga Hall and performed Yoga as per Common Yoga Protocol. Dr. Mohammad Zakir instructed to perform Yoga. The entire event was conducted under the supervision of Dr. Arzeena Jabeen. Prof. Munawwar Husain Kazmi, Dr. Asiya Khanum, and Dr. Ahmed Minhajuddin were present at the event. The COVID-19 protocol was fully followed</p>
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				<p>during the event.</p> <p>Prof. Munawwar Husain Kazmi, Director advised all staff members and PG scholars to adopt Yoga to maintain health. Prof. Arzeena Jabeen educated all the staff members about health benefits of Yoga, and encouraged them to adopt daily yoga. She also advised to maintain physical distance, stay at home and practice yoga to prevent disease and maintain physical and mental health.</p> <p>The International Day of Yoga-2021 commemorated on 21st June, 2021 at NRIUMSD, Hyderabad. A Webinar was organized on the topic of Common Yoga Protocol. Prof. Munawwar Husain Kazmi, Director delivered introductory remarks and advised all Faculty Members, Research Officers, PG scholars and other staff members to adopt yoga to maintain physical and mental health. Dr. Mohammad Zakir delivered a lecture on common yoga protocol. He emphasized the benefits of various yogasanas especially for joint pain and metabolic disorders, and suggested to perform yogasanas under supervision of the expert. The Webinar was conducted under the supervision of Dr. Arzeena Jabeen. Dr. Asiya Khanum, Assistant Director (Unani), Dr. Ahmed Minhajuddin, Deputy Director (Unani), Faculty Members, Research Officers, PG scholars, and other Staff members attended the event. Dr. Mohammad Nawab, Reader, Moalajat (Medicine) proposed the vote of thanks.</p>
4.	Doctors' Day Celebration	NRIUMSD, Hyderabad	01.07.2021	All Faculty Members, Research Officers, PG Scholars, SRFs and other Staff Members attended the programme
5.	National Handloom Day	NRIUMSD, Hyderabad	07.08.2021	All Faculty Members, Research Officers, PG Scholars, SRFs and other Staff Members attended the programme
6.	<i>Azadi Ka Amrit Mahotsava</i> Distribution of Prophylactic Medicine	NRIUMSD, Hyderabad	30.08.2021 to 05.09.2021	<p>30.08.2021</p> <p>The Institute started the distribution of prophylactic AYUSH medication "<i>Khamīra Marwārīd</i>" at GOPD under AYUSH week of "<i>Azadi Ka Amrit Mahotsav</i>" and the said</p>

	(<i>Khamīra Marwārīd</i>) during campaign		<p>medicine were given to 28 participants and 28 Google forms were submitted on 30.08.2021. Dr. Ahmed Minhajuddin, Director I/C delivered a lecture on diet and preventive measures for geriatric patients to maintain optimum health.</p> <p>31.08.2021 In continuation to the <i>Azadi Ka Amrit Mahotsav</i> program at NRIUMSD, <i>Khamīra Marwārīd</i> was given to 23 participants, and 300 leaflets on “Unani Medicine based diet and lifestyle guidelines” were distributed among the patients & their attendants at the Institute’s premises. The patients were briefed about the use “<i>Khamīra Marwārīd</i>” and Unani guidelines and Yoga practice.</p> <p>01.09.2021 In continuation to the <i>Azadi Ka Amrit Mahotsav</i> program at NRIUMSD, <i>Khamīra Marwārīd</i> was distributed among 22 participants, and 990 leaflets on “Unani Medicine based diet and lifestyle guidelines” were distributed among the patients & their attendants at the Institute’s premises. The patients were briefed about the importance of diet and Yoga for the maintenance of health during the epidemic.</p> <p>02.09.2021 In continuation to the <i>Azadi Ka Amrit Mahotsav</i> programme, a team of PG Scholars led by Dr. Ahmed Minhajuddin, Director Incharge, distributed <i>Khamīra Marwārīd</i> to 282 participants and 1200 leaflets on Unani Medicine based diet and lifestyle guidelines and Prophylactic Yogic interventions to the general public at the Institute's GOPD, AG Colony, Erragadda and Vengal Rao Nagar.</p> <p>On 02.09.2021 at the conference room, all Faculty Members, Research Officers, PG Scholars, and other staff members of Institute virtually attended the Inaugural function of the <i>Azadi Ka Amrit Mohatsav</i> Programme. After the programme, Dr. Ahmed Minhajuddin, Director I/C addressed the attendees and briefed them</p>
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				<p>on the relevance of this programme and encouraged them to engage actively in order to make the event a huge success.</p> <p>03.09.2021</p> <p>In continuation to the <i>Azadi Ka Amrit Mahotsav</i> programme, a team of PG Scholars led by Dr. Ahmed Minhajuddin, distributed <i>Khamīra Marwārīd</i> to 205 participants and 900 leaflets on “Unani Medicine based diet and lifestyle guidelines” to the general public at the Institute's GOPD, metro stations and nearby locations.</p> <p>Under the ‘<i>Azadi Ka Amrit Mahotsav-AYUSH Aapke Dwaar</i>’ initiative of Ministry of AYUSH, medicinal plants saplings (raised under Nursery Project, NMPB, Ministry of AYUSH) were distributed free of cost at the Institute on 03.09.2021. The saplings of <i>Afsanteen</i>, <i>Sabza</i>, <i>Brahmi</i>, <i>Satavari</i>, <i>Jal Brahmi</i> and <i>Nagdon</i> were distributed by Dr. Ahmed Minhajuddin, Director I/C among the OPD patients and others. Dr. Mohd. Kashif Husain, RO (Botany) and Dr. G.P. Pratap, RA (Botany) of Survey Medicinal Plants Unit were present and coordinated the programme.</p> <p>04.09.2021</p> <p>In continuation to the <i>Azadi Ka Amrit Mahotsav</i> programme, the members of the teams distributed <i>Khamīra Marwārīd</i> to 335 participants and 1500 leaflets on “Unani Medicine based diet and lifestyle guidelines” to the general public at the Institute's GOPD, metro stations and nearby locations</p> <p>05.09.2021</p> <p>In continuation to the <i>Azadi Ka Amrit Mahotsav</i> programme, various teams of Officers, PG Scholars and other staff members of the Institute conducted a distribution campaign of prophylactic AYUSH medication “<i>Khamīra Marwārīd</i>” and “Unani Medicine based diet and lifestyle guidelines leaflets” at AG Colony</p>
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7.	Rashtriya Poshan Maah-2021 Observation	NRIUMSD, Hyderabad	08.09.2021 & 11.09.2021	<p>A plantation programme of vegetable seedlings in NUTRI-GARDEN was done near the kitchen area of the Institute by Dr. Ahmad Minhajuddin, Director I/C, Dr Mohd. Kashif Husain, RO (Botany) and other Officers with the help of other SMP staff</p> <p>In order to observe the Rashtriya Poshan Maah-2021, a Webinar was organized by the Institute. Lecture on Anaemia in Pregnancy: Role of Nutrition was delivered by Dr. Syeda Hajra Fatima, Research Officer (Pathology) on 08.09.2021.</p> <p>Another Webinar on Treatment of Anaemia in Unani System of Medicine was delivered by Dr. Mohammed Nawab, Reader, Moalajat (Medicine) on 11.09.2021.</p>
8.	Hindi Diwas	NRIUMSD, Hyderabad	14.09.2021	<p>Dr. Alok Kumar Gupta, Regional Director, National Institute of Open Schooling, Regional Center - Hyderabad was the Chief Guest in this programme. Dr. Mohd. Kashif Husain, RO (Botany) delivered the message of Shri. Amit Shah, Union Home and Cooperation Minister. All the Faculty Members, Research Officers, and other staff took the oath and participated in this</p>

				event to promote official Hindi language.
9.	हिंदी दिवस समारोह -2021	राष्ट्रीय त्वचा रोग यूनानी चिकित्सा अनुसंधान संस्थान, हैदराबाद	14-28 सितम्बर, 2021	<p>केंद्रीय यूनानी चिकित्सा अनुसंधान परिषद, आयुष मंत्रालय, भारत सरकार के अधीनस्थ कार्यालय, राष्ट्रीय त्वचा रोग यूनानी चिकित्सा अनुसंधान संस्थान, हैदराबाद में हिंदी दिवस समारोह-2021 का आयोजन, आयुष मंत्रालय, केंद्र सरकार तथा सी.सी.आर.यू.एम द्वारा कोरोना वायरस वैश्विक महामारी से बचाव के मद्देनजर जारी एडवाइजरी, सामाजिक दूरी एवं मास्क का अनुसरण करते हुए किया गया।</p> <p>इस कार्यक्रम की अध्यक्षता संस्थान के प्रभारी अनुसंधान अधिकारी डॉ. अनवर अहमद ने की तथा वरिष्ठ अनुसंधान अधिकारी डॉ. अर्जिना जबीन भी सम्मिलित हुई।</p> <p>डॉ. आलोक कुमार गुप्ता, क्षेत्रीय निदेशक, राष्ट्रीय मुक्त विध्यालयी शिक्षा संस्थान, हैदराबाद क्षेत्र मुख्य अतिथि के रूप में सम्मिलित हुए। डॉ. गुप्ता का स्वागत तुलसी का पौधा एवं शाल प्रस्तुत करके किया गया। कार्यक्रम का संचालन डॉ. मौ. काशिफ़ हुसैन, राजभाषा प्रभारी द्वारा किया गया।</p> <p>अतिथि वक्ता डॉ. गुप्ता ने बहुत ही सरल और सहज भाषा में हिंदी दिवस की उपयोगिता के विषय में बताते हुए मातृ भाषा एवं राजभाषा के महत्व पर प्रकाश डाला। उन्होंने इस अवसर पर हिंदी देश के निवासी सभी जन एक है कविता का पाठ किया तथा राष्ट्रनिर्माण में हिंदी भाषा के महत्व को उजागर किया। डॉ. गुप्ता ने बताया कि हिंदी केवल भारत ही नहीं, बल्कि विश्व पटल पर अपना अमिट प्रभाव रखने वाली भाषा है। विश्व के सौ से अधिक देशों में हिंदी पठन – पाठन का कार्य किया जाता है। इससे पहले डॉ. अनवर अहमद द्वारा सभी अधिकारियों एवं कर्मचारियों को हिंदी दिवस के अवसर पर शपथ दिलाई गयी। डॉ. काशिफ़ द्वारा श्री अमित शाह, केंद्रीय गृह एवं सहकारिता मंत्री का संदेश पढ़ कर सुनाया गया। इस समारोह में संस्थान के सभी फैकल्टी मेम्बर्स, अनुसंधान अधिकारियों, कर्मचारियों एवं स्नाकोत्तर छात्रों द्वारा उत्साहपूर्वक भाग लिया गया।</p> <p>इस संबंध में राजभाषा अधिकारी मौ. काशिफ़</p>

				<p>हुसैन ने दिनांक 14-28 सितम्बर के दौरान अधिकारियों एवं कर्मचारियों के लिए विभिन्न प्रतियोगिताओं का आयोजन किया गया जैसे निबंध प्रतियोगिता, गद्यांश पठन प्रतियोगिता, वाद विवाद प्रतियोगिता एवं टिप्पणी लेखन प्रतियोगिता तथा संस्थान के सभी अधिकारियों एवं कर्मचारियों को अवगत कराया तथा अनुरोध किया कि हिंदी पखवाड़े में होने वाली सभी प्रतियोगिताओं में अधिक से अधिक भाग लेकर पखवाड़े को सफल बनाएं। आयोजन समिति ने अपना अभूतपूर्व सहयोग प्रदान किया तथा निर्णायक मण्डल समिति ने प्रतिभागियों के प्रदर्शन के आधार पर विभिन्न पुरस्कारों का निर्धारण किया।</p> <p>हिंदी पखवाड़ा समापन समारोह के दिन विभिन्न प्रतियोगिताओं के विजेताओं को मुख्य अतिथि श्री मोहम्मद ताहिर रोमानी, मुनसिफ डेली समाचार पत्र के द्वारा विजेताओं को राशि एवं प्रमाण पत्र के साथ पुरस्कृत किया गया। अंत में राजभाषा अधिकारी के द्वारा प्रस्तुत धन्यवाद ज्ञापन एवं राष्ट्रगान के साथ हिंदी पखवाड़ा समापन समारोह संपन्न हुआ।</p>
10.	International Day of Older Persons	NRIUMSD, Hyderabad	01.10.2021	<p>National Research Institute of Unani Medicine for Skin Disorders (NRIUMSD), Hyderabad observed International Day of Older Persons as part of the activities of the initiative “Azaadi Ka Amrit Mahatsav”, India @ 75, launched by Ministry of AYUSH, Govt. of India on the 1st October, 2021 at GOPD Complex of the Institute. On this occasion, Dr. Ahmed Minhajuddin, Director Incharge addressed the gathering of older persons at the venue and shared the information regarding the health issues of the older persons that they may face in near future. He advised not to neglect any health related symptoms, diet modifications to remain healthy and suggested solutions of health issues through home remedies. The audiences were informed about the initiative “Azaadi Ka Amrit Mahotsav”, the campaign of Govt. of India and distributed <i>Khamīra Marwārīd</i> as Prophylactic Unani</p>

				Medicine to remain healthy during the post COVID-19 Pandemic Period. Dr. Mohammad Nawab, Reader, Department of Moalajat also highlighted the theme of International Day of Older Persons for the year 2021 and provided a short description about the health issues affecting the elderly. He stressed the need for inclusion of elderly people in the society and their active participation and contribution for building healthy society. Prophylactic Unani Medicine “ <i>Khamīra Marwārīd</i> ” was given to a total of 84 people and the printed guidelines on diet and lifestyles for healthy living were also distributed.
11.	Swachhta Pakhwada Inauguration, Pledge and plantation programme	NRIUMSD, Hyderabad	18.10.2021	All Faculty Members, Research Officers, PG Scholars, and other Staff Members attended the programme.
12.	Valedictory Programme on Swachhta Pakhwada	NRIUMSD, Hyderabad	29.10.2021	All Faculty Members, Research Officers, PG Scholars, and other Staff Members attended the programme and prizes were also distributed among those who participated in competitions.
13.	6 th Ayurveda Day	NRIUMSD, Hyderabad	02.11.2021	All Faculty Members, Research Officers, PG Scholars, and other Staff Members attended the programme.
14.	Vigilance Awareness	NRIUMSD, Hyderabad	10.11.2021	All Faculty Members, Research Officers, PG Scholars, and other Staff Members took an Integrity Pledge in the Auditorium as a part of Vigilance Awareness in the Institute
15.	“National Seminar on Intellectual Property Rights (IPRs)”	NRIUMSD, Hyderabad	25.11.2021	<p>The Central Council for Research in Unani Medicine (CCRUM) in collaboration with National Medicinal Plants Board (NMPB), Ministry of AYUSH, Government of India organized a “National Seminar on Intellectual Property Rights (IPRs)” at its National Research Institute of Unani Medicine for Skin Disorders, Hyderabad.</p> <p>Shri Pramod Kumar Pathak, Special Secretary to the Government of India, Ministry of AYUSH presided over the</p>

				<p>function. He highlighted the mandate of Ministry of AYUSH and support provided to overall development of Unani Medicine. He stressed upon the importance of obtaining Patents particularly on innovations in the field of AYUSH systems.</p> <p>Prof. (Dr.) M. Afshar Alam, Vice Chancellor, Jamia Hamdard was the Chief Guest at the function; he emphasized the potential of Indian Traditional Systems of Medicine, including Unani Medicine, and its possible applications in Intellectual Property Rights.</p> <p>Prof. Asim Ali Khan, Advisor (Unani) to the Government of India and Director General, CCRUM, Ministry of AYUSH in his address gave a brief overview of the functioning of CCRUM and highlighted the achievements in the area of Intellectual Property Rights. He informed that 17 Patents have been granted to CCRUM by the Indian Patent Office (IPO), and seven Patent applications are in process at the IPO. He also informed that measures are being taken to further strengthen the Intellectual Property related activities in the Council and its peripheral institutes.</p> <p>Dr. Waseem ur Rehman, Additional Commissioner, Income Tax Department, Hyderabad was the Guest of Honour; he encouraged the Council to evolve an IP strategy for inventors and make efforts for obtaining Patents at national and international levels.</p> <p>The vote of thanks at inaugural session was delivered by Dr. Ahmed Minhajuddin, Director I/C, NRIUMSD, Hyderabad; he shed light on various activities of the Institute and assured to take forward the Institute to greater heights. Dr. Ghazala Javed, Senior Research Officer (Unani) from CCRUM Hqs and Nodal Officer for NRIUMSD, Hyderabad coordinated the proceedings of the inaugural event.</p>
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16.	World AIDS Day	NRIUMSD, Hyderabad	01.12.2021	All Faculty Members, Research Officers, PG Scholars, and other Staff Members attended the programme.
17.	Count Down of National Unani Day	NRIUMSD, Hyderabad	22.01.2022	All Faculty Members, Research Officers, PG Scholars, and other Staff Members attended the programme.
18.	Pharmacovigilance Awareness Programme	NRIUMSD, Hyderabad	25.01.2022	All Faculty Members, Research Officers, PG Scholars, and other Staff Members attended the programme.
19.	A lecture on "Infertility" delivered by Dr. Madhavi Latha, from Visakhapatnam, Andhra Pradesh	NRIUMSD, Hyderabad	12.02.2022	All Faculty Members, Research Officers, PG Scholars, and other Staff Members attended the programme.
20.	Observance of "Azadi Ka Amrit Mahotsav" & Science Week-2022	NRIUMSD, Hyderabad	24.02.2022	A lecture was delivered by Dr. Ahmed Minhajuddin on Prevalence of Skin Diseases with special reference to their prevention and hygiene. The programme was attended by the patients, Faculty Members, Research Officers, PG Scholars, and other Staff Members of NRIUMSD, Hyderabad

21.	<i>Azadi Ka Amrit Mahotsav & Science Week-2022</i>	NRIUMSD, Hyderabad	26.02.2022	A lecture on “Role of Medical Physiology in Fundamental Research” was delivered by Dr. Faiyazuddin, MD (Physiology), Osmania Medical College, Hyderabad in virtual mode
22.	International Women’s Day	NRIUMSD, Hyderabad	08.03.2022	Attended by all Female Staffs, and Female PG Scholars of NRIUMSD, Hyderabad

Distinguished Guests/ Dignitaries/ Delegates Visited the Institute

S. No.	Name of the Dignitary	Designation	Date of Visit	A brief note
1.	Shri Kishan Reddy Garu	Hon’ble MoS Home Affairs, Government of India	01.06.2021	Hon’ble Minister inaugurated the distribution programme of AYUSH-64 medicine, which was attended by Faculty Members, Assistant Directors, Research Officers, PG Scholars and other Staff of this institute.
2.	Shri Pramod Kumar Pathak	Special Secretary to the Government of India, Ministry of AYUSH	25.11.2021	Shri Pramod Kumar Pathak, Special Secretary to the Government of India, Ministry of AYUSH presided over the “National Seminar on Intellectual Property Rights (IPRs)” organized by the CCRUM in collaboration with National Medicinal Plants Board (NMPB), Ministry of AYUSH, Govt. of India organized at NRIUMSD, Hyderabad.
3.	Prof. (Dr.) M. Afshar Alam	Vice Chancellor, Jamia Hamdard	25.11.2021	Prof. (Dr.) M. Afshar Alam, Vice Chancellor, Jamia Hamdard was the Chief Guest at the National Seminar on IPRs held on 25.11.21.
4.	Dr. Waseem ur Rehman	Additional Commissioner IT Dept., Hyderabad	25.11.2021	Dr. Waseem ur Rehman, Additional Commissioner, Income Tax Department, Hyderabad was the Guest of Honour at the National Seminar on IPRs held on 25.11.21.
5.	Prof. Asim Ali Khan	Advisor (Unani) to the Govt. of India M/o AYUSH	25.11.2021	Prof. Asim Ali Khan, Advisor (Unani) to the Government of India and Director General, CCRUM, Ministry of AYUSH addressed the audience and gave a brief overview of the functioning of CCRUM
6.	B.Sc. Students	St. Francis, College for Women, Hyderabad	07.03.2022	100 Students of St. Francis College for Women visited the <i>Ibn al-Bayṭār</i> herbal garden, Pharmacology Department, Drug Standardization Research Laboratory, ICPO-ES Instrumentation Facility and GOPD of the Institute.

Promotions during the Reporting Period

S. No.	Name of the Incumbent	Post to which promoted	Post earlier held	Date of Joining	Remarks
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Superannuation/ Retirement

S. No.	Name of the Incumbent	Post from which retired	Date of Joining the Council & Post	Subsequent Promotion	Total Service Rendered	Date of Retirement
1.	Prof. Munawwar Husain Kazmi	Director	17.07.1985 - RA (Unani)	11.09.1992 - ARO 01.01.1996 - RO 22.09.2014 - AD	35 years 11 months	30.06.2021
2.	Dr. Asiya Khanum	Assistant Director (Unani)	30.05.1986 - RA (Unani)	01.03.1996 - RO 20.01.2017 - AD	34 years 11 months	30.06.2021
3.	Mrs. Tayyaba Mubeen	Assistant	14.11.1985 GDA (Adhoc) 29.11.1988 GDA (Regular)	01.03.1996 UDC 27.01.2021 Assistant	35 years 09 months	31.08.2021
4.	Mr. M.A. Bari Fariqui	Hindi Assistant	14.08.1986 - Lab. Technician	12.09.1996 Hindi Assistant	35 years 01 month 16 days	30.09.2021
5.	Smt. Khaja Begum	Aya	30.09.2008	--	13 years 03 months	31.12.2021
6.	Mr. R. Narender	MTS	30.09.2008	--	13 years 06 months	31.03.2022

Death

S. No.	Name of the Incumbent	Post held at the time of death	Date of Death	Date of Joining the Council & Post	Subsequent Promotion	Total Service Rendered
1.	Mr. Mohd. Asadullah Khan	Field Attendant	19.07.2021	02.12.1988 Field Attendant	Nil	30 years 07 months

New Appointments /Transfer

S. No.	Name of the Incumbent	Post on which joined	Date of Joining	Remarks
1.	Mr. Aipuri Lingaraju	Research Assistant (Chemistry)	25.03.2022	
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Hospital Statistics

OUTPATIENT DEPARTMENT (OPD)

S. No.	Month	Male	Female	Trans-gender	Male child	Female child	Total
1.	January 2021	3392	2966	0	256	278	6892
2.	February 2021	3327	3001	0	275	326	6929
3.	March 2021	3691	3491	0	326	333	7841
4.	April 2021	2505	2194	0	225	255	5179
5.	May 2021	1215	972	0	75	96	2358
6.	June 2021	2584	2380	0	243	248	5455
7.	July 2021	3019	2548	0	275	349	6191
8.	August 2021	3116	2672	0	304	382	6474
9.	September 2021	3337	2959	0	333	387	7016
10.	October 2021	3438	3186	0	386	372	7382
11.	November 2021	3499	3212	0	320	388	7419
12.	December 2021	3675	3548	0	363	449	8035
Total		36798	33129	0	3381	3863	77171

IN PATIENT DEPARTMENT (IPD)

S. No.	Month	No. of Patients Admitted	Total Bed Days Occupied
1.	January 2021	361	361
2.	February 2021	427	518
3.	March 2021	411	614
4.	April 2021	174	232
5.	May 2021	82	88
6.	June 2021	66	66
7.	July 2021	355	355
8.	August 2021	342	342
9.	September 2021	334	334
10.	October 2021	275	275
11.	November 2021	482	482
12.	December 2021	540	540
Total		3849	4207

Note: Annual bed-occupancy in the Institute's IPD during the year 2021 was low due to COVID-19 Outbreak.