

annual report 2007-08



Annual Report

2007 - 2008



CENTRAL COUNCIL FOR RESEARCH IN UNANI MEDICINE
Ministry of Health & Family Welfare, Government of India
New Delhi



Cover Photograph

Turmeric (*Curcuma longa* Linn.)

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CENTRAL COUNCIL FOR RESEARCH IN UNANI MEDICINE

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PREFACE

The Government of India treats Unani Medicine as one of the Indian systems of medicine and has made it an integral part of the national healthcare delivery structure. The Government wants to make the best use of the potential of Unani Medicine as well as other native healthcare systems in the delivery of essential healthcare to the people. Therefore it is no wonder that the Government attaches great importance to the multi-faceted development of all the indigenous medicines including Unani Medicine. Concerted efforts are afoot to revamp research and development in these systems and validate their strengths on scientific parameters so that they get accepted globally as well as in various parts of the country.

The Central Council for Research in Unani Medicine (CCRUM) has in recent years emerged as the apex institution of scientific research in the system thanks to the increasing governmental funds and support and commitment of the researchers. During the past three decades of its functioning the CCRUM has made considerable progress in the fields of clinical research, quality control and drug standardization, survey and cultivation of medicinal plants and literary research.

During the period under report, while continuing its research studies in different programmes, the Council's emphasis remained on consolidating the work done. Under the clinical research programme, clinical studies on different diseases continued. Having finalized the trials on a Unani drug for sinusitis and on two drugs for eczema, the Council filed patents on those drugs. Similarly, patents were also filed on a Unani galactagogue, in the form of biscuit, and a herbal tea for rejuvenation. The Council also brought out a success story booklet based on the extensive clinical studies on Rheumatoid arthritis. Also, therapeutic trials of Unani drugs in six cosmetic conditions were completed. These trials have shown some important results.

The Council continued clinical studies on bronchial asthma, obesity, psoriasis and duodenal ulcers in collaboration with Lady Harding Medical College, New Delhi; Vallabh Bhai Patel Chest Institute, Delhi; All India Institute of Medical Sciences (AIIMS), New Delhi and Deccan Medical College, Hyderabad. Regimental therapy experiments in musculoskeletal diseases also continued. The Council developed Standard Operating Procedures (SOPs) for Hajamat – a form of regimental therapy, which is being tested in cases of rheumatoid arthritis and osteo-arthritis. The SOPs for some other modes of regimental therapy were also finalized.

Besides, the Council continued research on fundamental aspects of Unani Medicine at its Central Research Institute of Unani Medicine at Hyderabad. Research-oriented medicare facilities continued at 16 centres of the Council.

Under the mobile clinical research programme, 30 rural areas/urban slums were covered, and healthcare services were provided to over 4.25 lakh people including 1.5 lakh belonging to Scheduled Castes/ Scheduled Tribes at their doorsteps. Under the School Health Programme, health check-ups of 7203 school children were conducted in 32 schools. Of them, 4841 were treated for their ailments.

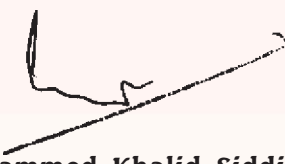
Under the drug Standardisation Research Programme, the SOPs for manufacture of 50 compound formulations were developed, and quality control was enforced on 121 compound formulations. Phyto-chemical investigations on *Verbascum thapsus* and *Iris nepatensis* were carried out and seven compounds were isolated. Investigations on different parts of Neem plant were also carried out and seven single molecules were characterized. Study on acute toxicity on Unani coded drugs namely ITA-05 and ITA-06 for Sinusitis was also completed. During the reporting period Volume IV and Volume V of *Unani Pharmacopoeia of India* (Part-1) containing monographs on 50 and 52 single drugs, respectively were published.

Under the survey and Cultivation of Medicinal Plants Research Programme, different forest areas including Hyderabad and Bharachalam (Andhra Pradesh), Khasi and Ram Nagar (Uttar Pradesh), Pithoragarh (Uttarakhand), Kanya Kumari (Tamil Nadu) and Peer Panjal (Jammu & Kashmir) were surveyed, and over 2050 specimens belonging to 818 species of medicinal plants were collected. Besides, 162 folk medicinal claims were also recorded from the tribal inhabitants. Experimental and large scale cultivation of some important medicinal plants also continued at different herb gardens of the Council.

Under the Literary Research Programme, Urdu translations of four important classical books in eight volumes were published. Besides, under the project of publication of out-of-print Unani books, the Council published two classical books *Ma'dan Al-Akseer* and *Makhzan-e-Mufradat wa Murakkabat*. During the reporting period, 37 publications were brought out including the Council's bi-monthly bulletin *CCRUM Newsletter*, Urdu journal *Jahan-e-Tib*, English journal *Hippocratic Journal of Unani Medicine*, Annual Report, technical books and publicity literature. The Council also continued co-ordination in the TKDL (Unani) Project.

During the period under report, the Council's researchers presented 117 research papers based on the studies conducted in different research projects of the Council at different seminars/conferences, besides publishing 28 research papers in scientific journals. Human resource developmental activities for the Council's researchers continued. The Council's researchers also underwent orientation training in different disciplines. Besides actively participating in the national Pulse Polio Programme, the Council continued to participate in various international and national health exhibitions and health fairs to popularize the system among the masses.

New Delhi
08 February 2009



Dr. Mohammed Khalid Siddiqui
Director



EXECUTIVE SUMMARY

The Council continued its activities during the reporting period in the areas of clinical research, drug research, literary research, survey and cultivation of medicinal plants research programme. The main emphasis during the reporting period was on consolidation of the work done in different research programmes. Besides, new studies were also initiated. Under the clinical research programme, therapeutic trials continued on different diseases. Trials on a drug for sinusitis and two drugs for eczema were finalized and provisional patents were applied thereon. Besides, patents on galactagogue biscuits and rejuvenating herbal tea were also filed. Based on the extensive studies conducted on Rheumatoid Arthritis, the Council published a booklet narrating its success story on this disease. Therapeutic trials of Unani drugs were completed in six cosmetic conditions and significant leads achieved. Collaborative studies on Infective hepatitis, Bronchial asthma, Obesity, Psoriasis and Duodenal ulcer continued with other scientific organizations including Lady Harding Medical College, New Delhi; Vallabh Bhai Patel Chest Institute, New Delhi; All India Institute of Medical Sciences (AIIMS), New Delhi and Deccan Medical College, Hyderabad.

Regimental therapy experimentation in musculoskeletal disorders also continued. Standard operating procedures (SOPs) for Hajamat (Cupping) – a form of regimental therapy – was developed for its application in Rheumatoid arthritis/ Osteo-arthritis cases.

Research on fundamental aspects of Unani Medicine also continued. Studies on susceptibility to lifestyle diseases in relation to the temperament of the individual continued at the Central Research Institute of Unani Medicine, Hyderabad.

Research-oriented medicare facilities continued at 16 clinical centres of the Council. At these OPDs, the patients were treated with the kit medicines developed by the Council. During the reporting period a total of 167939 patients were registered.

Under the mobile clinical research programme, 30 rural areas including Scheduled Caste/ Scheduled Tribe pockets/urban slums were covered. Medicare services were provided through mobile OPD at the people's doorsteps. Under this programme, over 4.25 lakh people including 1.5 lakh belonging to Scheduled Castes/ Scheduled Tribes were covered. A total of 31,595 people benefited from the 12 mobile units.

Under the School Health Programme, 32 schools falling under the adopted pockets were covered. In these schools, health check-ups of 7203 school children were conducted during the reporting period. Of them, 4841 were treated for their ailments.

Under gender component plan 106664 female patients were treated at different centres of the Council. With a view to enhancing health awareness among the masses, health education on preventive, promotive and therapeutic aspects of different medicinal plants growing in their vicinity was provided particularly to women and school children in the adopted pockets/schools through group meetings, health lectures using audio and video means. The only centre of the Council in the North-Eastern region, Regional Research Centre of Unani Medicine, Sillchar (Assam) continued to provide medicare through Unani Medicine, and treated 7158 patients during the reporting period.

Under the Drug Standardisation Research Programme SOPs for manufacture of 50 compound formulations were developed, and quality control was enforced on 121 compound formulations, prepared at the pharmacy of CRRUM, Hyderabad. Phyto-chemical investigations on *Verbascum thapsus* and *Iris nepatensis* were carried out and seven compounds were isolated which are being characterized with the help of spectroscopy. Investigations on different parts of Neem plant were also carried out and seven single molecules were characterized namely B-sitosterol, Friedlin, Quercetin, Camferol, Rhamnoside and two compounds are being characterized. Study on acute toxicity on Unani coded drugs namely ITA-05 and ITA-06 for Sinusitis was also

completed. During the reporting period two volumes of *Unani Pharmacopoeia of India* viz. Volume IV and Volume V containing monographs on 50 and 52 single drugs, respectively were published.

Under the Survey and Cultivation of Medicinal Plants Research Programme, different forest areas including Hyderabad and Bhadrachalam (Andhra Pradesh), Kashi and Ram Nagar (Uttar Pradesh), Pithoragarh (Uttarakhand), Kanya Kumari (Tamil Nadu) and Peer Panjal (Jammu & Kashmir) were surveyed, collecting over 2050 specimens comprising 818 species of medicinal plants. Besides, 162 folk medicinal claims were also recorded from the tribal inhabitants. Experimental and large scale cultivation of some important medicinal plants also continued at different herb gardens of the Council.

Under the Literary Research Programme, Urdu translations of four important classical books in eight volumes were published. Besides, under the project of publication of out-of-print Unani books, two classical books Ma'dan Al-Akseer and Makhzan-e-Mufradat wa Murakkabat were reprinted.

Besides, publication of the Council's bi-monthly bulletin *CCRUM Newsletter*, quarterly Urdu journal *Jahan-e-Tib*, half-yearly English journal *Hippocratic Journal of Unani Medicine*, Annual Report, technical books and publicity literature continued. During the reporting period, 37 publications were brought out. The Council also continued co-ordination in the TKDL (Unani) project.

During the period under report, 117 research papers based on the studies conducted in different research projects at the Council's centres were presented in different international and national seminars/conferences. Twenty-eight research papers were published in the reputed scientific journals. Human resource developmental activities for the Council's researchers also continued. The scientists of the Council were deputed to orientation training programmes in different disciplines. With a view to popularizing the system among the masses, the Council participated in various international and national health exhibitions and health fairs. The Council's centres also actively participated in the national pulse polio programme.



ADMINISTRATIVE REPORT

THE COUNCIL

The Central Council for Research in Unani Medicine (CCRUM) was established on 30 March 1978. However, it started functioning as independent organization in January 1979.

OBJECTIVES

The main objectives of the Council are as follows:

- Formulation of aims and patterns of research on scientific lines in Unani Medicine.
- To undertake research or any other programmes in Unani Medicine.
- Prosecution of and assistance in research and propagation of knowledge and experimental measures generally in connections with the causation, mode of spread and prevention of diseases.
- To initiate, aid, conduct, develop and coordinate scientific research in different aspects, fundamental and applied, of Unani Medicine, and to promote and assist institutions of research for the study of diseases, their prevention, causation and remedy.
- To finance enquiries and researches for the furtherance of objects of the Council.
- To exchange information with other institutions, associations and societies interested in the objects similar to those of the Council especially in observation and study of diseases in East and in India in particular.
- To prepare, print, publish and exhibit any papers, posters, pamphlets, periodicals and books for furtherance of the objects of the Council and to contribute to such literature.

GOVERNING BODY

The management of the Council is entrusted to a Governing Body (GB) consisting of official and non-official members. Following was the constitution of the Governing Body of the Council during the reporting period.

President

Union Minister of Health & Family Welfare.

Executive Vice-President

Minister of State for Health & Family Welfare.

Vice-President

An eminent Unani expert.

Official Members

- Secretary, Department of AYUSH, Ministry of Health & Family Welfare, Government of India.
- Additional Secretary & Financial Advisor (FA), Ministry of Health & Family Welfare, Government of India.



- Joint Secretary, Department of AYUSH, Ministry of Health & Family Welfare, Government of India.

Non-Official Members

- Five experts in Unani Medicine – Out of which three researchers of Unani Medicine to be University Professors.
- Three Scientists – one each in Pharmacology, Chemistry and Botany.
- One expert in Modern Medicine.

Member Secretary

Director, Central Council for Research in Unani Medicine.

STANDING FINANCE COMMITTEE

- Joint Secretary,
Department of AYUSH,
Ministry of Health & Family Welfare,
Government of India. – Chairman
- Joint Secretary & Financial Advisor,
Ministry of Health & Family Welfare,
Government of India. – Member
- One Technical Member to be nominated by the President of the Council.
- Director, Central Council for Research in Unani Medicine – Member-Secretary

During the reporting period, two meetings of the Standing Finance Committee were held, the first on 12 September 2007 and the second on 15 February 2008.

Recommendations of the SFC meeting on 12 September 2007

- The budget estimate for the year 2007-08 under plan and non-plan schemes was considered and approved.
- The committee considered preliminary estimate of the CPWD in connection with construction of building of Regional Research Institute of Unani Medicine, Bhadrak and agreed to reconsider the construction of the building at a cost of Rs. 3,76,04,000 + 3% contingencies and compound wall at a cost of Rs. 53,70,400.00.
- Proposal for appointment of consultant/data entry operator for EMR Project was considered and agreed.
- Proposal for compilation of compendium based on the theses submitted at PG Departments of Unani Medicine was agreed.
- The committee considered a proposal for establishment of new research schemes of the Council in Rajasthan and agreed to set up a unit of the Council at Ajmer by shifting Clinical Research Unit, Meerut.
- The committee considered a proposal for approval of fund in respect of training of staff at the CCRUM and agreed to organise training programme from within the budgetary allocation in the plan fund.
- The committee noted the Council's action of having invested with the M/s Punjab National Bank Gilts Ltd. for depositing GPF/CPF accumulation.



- Revision of hotel room rent for non-official members was considered and agreed at the rate of Rs. 1000/- per day or the actual hotel charges whichever is less and a sitting fee of Rs. 1000/- .
- The committee considered a proposal for up-gradation of laboratories and other requirement of staff at RRIUM, Srinagar and desired that provision of essential equipment may be referred to the Review Committee headed by Dr. G.N. Qazi and on the recommendation of this committee, these requirements may be provided. As far the requirement of staff for the RRIUM, Srinagar is concerned, Director, CCRUM, was advised to undertake an exercise for the availability of posts in different reorganized units. The available posts may be transferred straight away. The other requirements of posts may then be referred to the Department of AYUSH on file so that a decision may be taken in consultation with I.F.D.
- The S.F.C. considered and agreed to the proposal for modification in the charges of registration of the patients as follows:-
 - (i) Patients in Mobile visits may be charged @ Re. 1/- per day per patient on uniform basis.
 - (ii) In such cases where the clinical trials have been completed and the Council has to continue treatment of patients for reasons of flow and demand of patients, special OPDs may be formed for these specific areas and the patients may be registered @ Rs.10/- as registration charges and Rs.5/- per day per patient for medicines.
 - (iii) For afternoon OPDs which are running at CRIUMs/RRIUMs the patient may be charged Rs. 10/ per day instead of Rs.5/- to take care of increasing cost of office maintenance.
- The S.F.C. considered the proposal for appointment of Consultant and Data Entry Operator for UPC work and agreed for provision of a Data Entry Operator to be engaged on contractual basis @ Rs.8000/- per month as has been done for the CCRAS. As for the post of Consultant, the Chairman desired that one of the Assistant Advisers (Unani) in the Department of AYUSH who was looking after the UPC work may be placed at the CCRUM Headquarters for three days in a week to attend to the UPC work. The EMR consultant should also be utilized for the UPC work.
- The S.F.C. considered for enhancement of diet charges and agreed for provision of Rs.50/- per day per patient as diet charges. Similarly, if required special diet may be given @ Rs. 30/- per patient per day.
- The S.F.C. considered engagement of Honorary Consultant at different Institutes and agreed for engagement of visiting Consultants on need based honorarium instead of having full time Consultants.
- The S.F.C. noted the merit promotion scheme formulated by Department of AYUSH and sent to Sixth Central Pay Commission.
- Grant of Assured Career Progression (ACP) Scheme to Group-A isolated post in the stream of Chemistry was considered. The Chairman observed that in view of the fact that the proposal has already been sent to the Department of Expenditure, Ministry of Finance, the Council should wait for the observation/ views of the Ministry of Finance.
- The proposal for disposal of building for RRIUM, Kolkata was considered. The Chairman observed that this may be done only when the final report of re-organization of the CCRUM was available from Dr. G.N. Qazi.
- The S.F.C. considered in detail the requirement and desirability of condemnation and replacement of vehicles and agreed in principle to condemn and replace a Jeep, Staff Car and Auto Trolley at CRIUM, Hyderabad.

Recommendations of the SFC meeting on 15 February 2008

- The audit report of the accounts of the Council for the year 2006-07 received from DGACR was considered. The SFC desired that investment of fund of GPF/CPF should be guided by the practice followed in the Government and investment should be made as per provisions laid down under relevant Rules.
- The committee discussed the proposal for purchase of equipment for up-gradation of laboratories of the Institutes under the Council, and agreed for provision of the HPTLC, AAS, UV-VIS for Unani unit in PLIM, Ghaziabad.
- The S.F.C. considered appointment of Electricians for RRIUM, Chennai and RRIUM, Srinagar and was of the view that since creation of post is not possible the services of Electricians could be outsourced.
- Provision of a Consultant in pharmaceuticals at CRIUM, Hyderabad was considered and agreed for engagement of Consultant (Pharmaceuticals) for a period of six months at a consultancy of Rs.20,000/- per month. Thereafter, a view will be taken for regular appointment of Consultant (Pharmacy) against a post.
- The S.F.C. considered maintenance of seniority list of Assistants and above on zonal basis i.e. North and Central Zone (Delhi, Jammu & Kashmir, Uttar Pradesh, Bihar, Assam, West Bengal, Madhya Pradesh) and Southern and Western Zone (Andhra Pradesh, Tamil Nadu, Karnataka, Kerala, Orissa, Maharashtra) and agreed to the proposal.
- Enhancement of contingent grant / incentive for an M.D. student pursuing research work as per the Council's research priorities was discussed and the S.F.C. agreed for enhancement of the amount from Rs. 5,000/- to Rs. 12,000/- per annum per student for a period of two years to the second and the third year student for encouraging research on topics which are in keeping with the research priorities of the Council.

SCIENTIFIC ADVISORY COMMITTEE

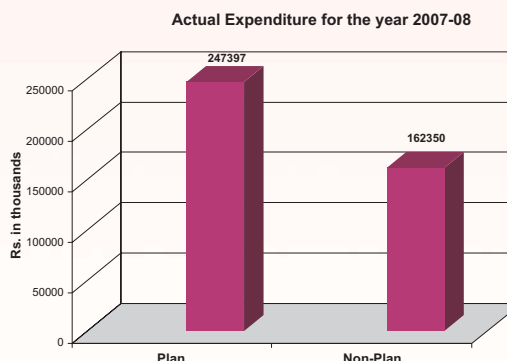
The composition of the Scientific Advisory Committee (SAC) of the Council was as follows;

- Five eminent Unani physicians including a Chairman and four members
- A Chemist.
- A Botanist.
- A Pharmacologist.
- An expert in Modern Medicine.
- Director, Central Council for Research in Unani Medicine as Member-Secretary.

FINANCIAL OUTLAY

Actual Expenditure for the Year 2007-08

	<i>Actual Expenditure (Rs. in thousands)</i>
Plan (Health)	247397
Non-Plan (Health)	162350
Total	409747





INSTITUTIONAL NETWORK OF THE COUNCIL

• CCRUM Headquarters, New Delhi	- 01
• Central Research Institutes of Unani Medicine	- 02
• Regional Research Institutes of Unani Medicine	- 08
• Regional Research Centre	- 01
• Clinical Research Units	- 06
• Literary Research Institute of Unani Medicine	- 01
• Drug Standardisation Research Institute	- 01
• Drug Standardization Research Unit	- 01
• Chemical Research Unit (Grant-in-aid)	- 01
Total	- 22

STATE-WISE INSTITUTIONAL NETWORK OF THE COUNCIL

Andhra Pradesh

- Central Research Institute of Unani Medicine (CRIUM), Hyderabad

Assam

- Regional Research Centre (RRC), Silchar (Assam) with an extension centre at Karimganj

Bihar

- Regional Research Institute of Unani Medicine (RRIUM), Patna

Delhi

- Regional Research Institute of Unani Medicine (RRIUM), New Delhi
- Literary Research Institute of Unani Medicine (LRIUM), New Delhi
- Drug Standardization Research Unit (DSRU), New Delhi
- Unani Medical Centre, Dr. Ram Manohar Lohia Hospoital, New Delhi (Extension centre of RRIUM, New Delhi)

Jammu & Kashmir

- Regional Research Institute of Unani Medicine (RRIUM), Srinagar

Kerala

- Clinical Research Unit (CRU), Edathala (Alwaye)

Karnataka

- Clinical Research Unit (CRU), Bangalore



Madhya Pradesh

- Clinical Research Unit (CRU), Bhopal
- Clinical Research Unit (CRU), Burhanpur

Maharashtra

- Regional Research Institute of Unani Medicine (RRIUM), Mumbai

Orissa

- Regional Research Institute of Unani Medicine (RRIUM), Bhadrak

Tamil Nadu

- Regional Research Institute of Unani Medicine (RRIUM), Chennai

Uttar Pradesh

- Central Research Institute of Unani Medicine (CRIUM), Lucknow
- Regional Research Institute of Unani Medicine (RRIUM), Aligarh
- Drug Standardisation Research Institute, Ghaziabad
- Clinical Research Unit (CRU), Allahabad
- Clinical Research Unit (CRU), Meerut
- Chemical Research Unit (Grant in aid), Aligarh

West Bengal

- Regional Research Institute of Unani Medicine (RRIUM), Kolkata



TECHNICAL REPORT

During the reporting period centre-wise research activities of the Council were as follows:

Centre	Activities
Central Research Institute of Unani Medicine (CCRUM), Hyderabad	<ul style="list-style-type: none"> • Clinical Research Programme • Research on Fundamentals of Unani Medicine • General OPD Programme • Mobile Clinical Research Programme • School Health Programme • Drug Standardization and Quality Control Programme • Survey and Cultivation of Medicinal Plants Programme
Central Research Institute of Unani Medicine (CCRUM), Lucknow	<ul style="list-style-type: none"> • Clinical Research Programme • General OPD Programme • Mobile Clinical Research Programme • School Health Programme • Literary Research Programme
Regional Research Institute of Unani Medicine (RRIUM), Chennai	<ul style="list-style-type: none"> • Clinical Research Programme • General OPD Programme • Mobile Clinical Research Programme • School Health Programme • Drug Standardisation Research Programme • Survey and Cultivation of Medicinal Plants Programme
Regional Research Institute of Unani Medicine (RRIUM), Bhadrak	<ul style="list-style-type: none"> • Clinical Research Programme • General OPD Programme • Mobile Clinical Research Programme • School Health Programme • Survey and Cultivation of Medicinal Plants Programme
Regional Research Institute of Unani Medicine (RRIUM), Patna	<ul style="list-style-type: none"> • Clinical Research Programme • General OPD Programme • Mobile Clinical Research Programme • School Health Programme
Regional Research Institute of Unani Medicine (RRIUM), Aligarh	<ul style="list-style-type: none"> • Clinical Research Programme • Pharmacological Research Programme • General OPD Programme • Mobile Clinical Research Programme • School Health Programme • Drug Standardisation Research Programme • Survey and Cultivation of Medicinal Plants Programme
Regional Research Institute of Unani Medicine (RRIUM), Mumbai	<ul style="list-style-type: none"> • Clinical Research Programme • General OPD Programme • Mobile Clinical Research Programme • School Health Programme

Centre	Activities
Regional Research Institute of Unani Medicine (RRIUM), Srinagar	<ul style="list-style-type: none"> • Clinical Research Programme • Pharmacological Research Programme • General OPD Programme • Mobile Clinical Research Programme • School Health Programme • Drug Standardisation Research Programme • Survey and Cultivation of Medicinal Plants Programme
Regional Research Institute of Unani Medicine (RRIUM), Kolkata	<ul style="list-style-type: none"> • Clinical Research Programme • General OPD Programme • Mobile Clinical Research Programme
Regional Research Institute of Unani Medicine (RRIUM), New Delhi	<ul style="list-style-type: none"> • Clinical Research Programme • Validation of Regimental Therapies • General OPD Programme • Mobile Clinical Research Programme • School Health Programme
Regional Research Centre (RRC), Allahabad	<ul style="list-style-type: none"> • Clinical Research Programme • General OPD Programme • Mobile Clinical Research Programme • School Health Programme
Regional Research Centre (RRC), Silchar	<ul style="list-style-type: none"> • Clinical Research Programme • General OPD Programme
Clinical Research Unit (CRU), Bangalore	<ul style="list-style-type: none"> • Clinical Research Programme • General OPD Programme
Clinical Research Unit (CRU), Meerut	<ul style="list-style-type: none"> • Clinical Research Programme • General OPD Programme
Clinical Research Unit (CRU), Bhopal	<ul style="list-style-type: none"> • Clinical Research Programme
Clinical Research Unit (CRU), Burhanpur	<ul style="list-style-type: none"> • Clinical Research Programme • General OPD Programme • Mobile Clinical Research Programme
Clinical Research Unit (CRU), Edathala	<ul style="list-style-type: none"> • General OPD Programme
Drug Standardisation Research Unit (DSRU), New Delhi	<ul style="list-style-type: none"> • Drug Standardisation Research Programme
Literary Research Institute of Unani Medicine (LRIUM), New Delhi	<ul style="list-style-type: none"> • Literary Research Programme
Chemical Research Unit (CRU) (Grant-in-aid), Aligarh	<ul style="list-style-type: none"> • Chemical Standardization of Single Drugs of Unani Medicine



CLINICAL RESEARCH PROGRAMME

The clinical research programme of the Council deals with the methods of diagnosis and treatment of diseases and aims at critical appraisal of the theory of pathogenesis, symptomatology, clinical methods of diagnosis and prognosis, principles, lines and methods of treatment and the drug and diet therapies peculiar to Unani Medicine. Under this programme, clinical and therapeutic studies are being conducted on common and chronic ailments, some of them having national priority, in order to find effective remedies for them. Effectiveness of certain special therapies of Unani Medicine is also being tested in some diseases, besides research on some fundamental aspects of the system.

This programme is being undertaken at the following centres:

- Central Research Institute of Unani Medicine, Hyderabad
- Central Research Institute of Unani Medicine, Lucknow
- Regional Research Institute of Unani Medicine, Chennai
- Regional Research Institute of Unani Medicine, Bhadrak
- Regional Research Institute of Unani Medicine, Patna
- Regional Research Institute of Unani Medicine, Aligarh
- Regional Research Institute of Unani Medicine, Mumbai
- Regional Research Institute of Unani Medicine, Srinagar
- Regional Research Institute of Unani Medicine, Kolkata
- Regional Research Institute of Unani Medicine, New Delhi
- Regional Research Centre, Silchar (Assam)
- Clinical Research Unit, Allahabad
- Clinical Research Unit, Bangalore
- Clinical Research Unit, Meerut
- Clinical Research Unit, Bhopal
- Clinical Research Unit, Burhanpur
- Clinical Research Unit, Edathala (Kerala)

CENTRE-WISE ALLOTMENT OF PROJECTS/DISEASES FOR CLINICAL RESEARCH

Centre	Disease
Central Research Institute of Unani Medicine, Hyderabad	Bars (Vitiligo), Iltehab-e-Tajaweef-e-Anf (Sinusitis), Iltehab-e-Kabid (Infective hepatitis), Muzmin Zubeh-e-Sadariya Sabit, (Chronic stable angina), Kasrat-e-Shahmuddam (Hyperlipidemia), Zaghtuddam Qawi (Essential Hypertension), Ziabetus Sukkari (Diabetes mellitus), Qarh-e-Meda wa Isna-e-Ashari (Duodenal ulcer) and Daus Sadaf (Psoriasis), Project on immunomodulatory activities of Unani drugs, Study on Unani galactagogue, Collaborative study on Viral Hepatitis patients, Project on Theory of Akhlat, Physiological studies on humours and temperaments.

Centre	Disease
Central Research Institute of Unani Medicine, Lucknow	Waja-ul-Mafasil (Rheumatoid arthritis), Ziabetus Sukkari (Diabetes mellitus), Tahajjur-e-Mafasil (Osteo-arthritis), Warm-e-Lissa (Gingivitis), Zahab-o-Mayil Asnan (Tooth hypersensitivity) and Cosmetotherapeutic trials.
Regional Research Institute of Unani Medicine, Chennai	Ziabetus Sukkari (Diabetes mellitus), Daul Feel (Filariasis), Iltehab-e-Kabid (Infective hepatitis), Waja-ul-Mafasil (Rheumatoid arthritis), Project on immunomodulatory activities of Unani drugs, and Cosmetotherapeutic trials of Unani drugs
Regional Research Institute of Unani Medicine, Bhadrak	Daul Feel (Filariasis)
Regional Research Institute of Unani Medicine, Patna	Daul Feel (Filariasis), Zeequn Nafas (Bronchial asthma) and Humma-e-Aswad (Kala Azar).
Regional Research Institute of Unani Medicine, Aligarh	Ziabetus Sukkari (Diabetes mellitus), Bars (Vitiligo) and Cosmeto therapeutic trials of Unani drugs
Regional Research Institute of Unani Medicine, Mumbai	Validation trials of kit medicines
Regional Research Institute of Unani Medicine, Srinagar	Waja-ul-Mafasil (Rheumatoid arthritis), Zeequn Nafas (Bronchial asthma) and Daus Sadaf (Psoriasis)
Regional Research Institute of Unani Medicine, Kolkata	Humma-e-Ijamia (Malaria) and Zaheer-e-Muzmin (Bacillary dysentery)
Regional Research Institute of Unani Medicine, New Delhi	Waja-ul-Mafasil (Rheumatoid arthritis), Ziabetus Sukkari (Diabetes mellitus), Zaghtuddam Qawi (Essential Hypertension), Kasrat-e-Shahmuddam (Hyperlipidemia), Saman-e-Mufrit (Obesity), Cosmeto-therapeutic trials of Unani drugs.
Clinical Research Unit, Allahabad	Ziabetus Sukkari (Diabetes mellitus), Validation trial of kit medicines and Cosmeto-therapeutic trials of Unani drugs
Regional Research Centre, Silchar (Assam)	Validation trials of kit medicines
Clinical Research Unit, Bangalore	Nar-e-Farsi (Eczema), Daus Sadaf (Psoriasis) and Buffa (Dandruff).
Clinical Research Unit, Bhopal	Nar-e-Farsi (Eczema) and Daus Sadaf (Psoriasis)
Clinical Research Unit, Burhanpur	Zaheer-e-Muzmin (Bacillary dysentery), Nar-e-Farsi (Eczema) and Shira (Chronic urticaria).
Clinical Research Unit, Meerut	Buffa (Dandruff) and Zaheer-e-Muzmin (Bacillary dysentery)
Clinical Research Unit, Edathalla (Kerala)	Validation trials of kit medicines



CLINICAL STUDIES

AMRAZ-E-JILD (SKIN DISORDERS)

BARS (VITILIGO)

Clinical and therapeutic studies on Bars (Vitiligo) continued at Central Research Institute of Unani Medicine (CRIUM), Hyderabad, CRIUM, Lucknow and Regional Research Institute of Unani Medicine (RRIUM), Aligarh. During the reporting period following studies were conducted.

Central Research Institute of Unani Medicine (CRIUM), Hyderabad

During the reporting period clinical trials on Bars (Vitiligo) were conducted on 7304 cases at CRIUM, Hyderabad. These included, 3,458 new cases registered during the reporting period and 3,846 old cases that continued from previous years. These cases were studied in different treatment groups. The details are as follows:

(i) Evaluation of therapeutic efficacy of a combination of the coded drugs UNIM-001+UNIM-003

Therapeutic efficacy of a combination of the coded drugs UNIM-001 and UNIM-003 was evaluated in 3328 cases of Bars attending the OPD of the Institute. The drug UNIM-001 was given in the dose of two tablets twice daily an hour after meals. Besides, the drug UNIM-003 was locally applied on the affected parts by mixing one part of the powdered drug with five parts of water, early in the morning and then exposed to sun rays for 2 to 5 minutes. The paste was washed off after 30 minutes of the local application. The treatment was given for a period of three months initially. This was extended till the maximum repigmentation was achieved.

Out of the 3328 cases treated, 621 completed the trial. Seventeen (2.7%) cases showed 100% repigmentation. In 32 (5.2%) cases repigmentation was 91 to 99%. Fifty-three (8.5%) cases showed 71-90% repigmentation. In 90 (14.5%) cases repigmentation was 51 to 70%. One hundred and thirty-seven (22.1%) cases showed 41-50% repigmentation. Two hundred and eighteen (35.1%) cases showed less than 40% repigmentation. Seventy-four (11.9%) cases showed no response. One thousand two hundred and thirty-one cases were under study whereas 1476 cases dropped out of the study. In the responding cases further exacerbation was checked. No new patches appeared.

The response of the treatment was better in lower age groups, non-progressive and extensive lesions and in unilateral involvements. Further, the patients having chronicity below 10 years responded better than other groups whereas sex had no effect on the treatment outcome.

No toxicity of the drugs was seen. However, in some cases nausea and vomiting were reported which were controlled either by adding pure ghee in the diet or discontinuing the drug for few days.

(ii) Evaluation of therapeutic efficacy of a combination of the coded drugs UNIM-004+UNIM-005

Therapeutic efficacy of a combination of the coded drugs UNIM-004 and UNIM-005 was evaluated in 3926 cases of Bars attending the OPD of the Institute. The drug UNIM-004 was given in the dose of 1.5 gm twice daily (morning & evening) preferably on empty stomach. Besides, local application of the drug UNIM-005 was done on the affected parts in the form of paste prepared by mixing one part of the powdered drug with five parts of water early in the morning and then exposed to sun rays for 2 to 5 minutes. The paste was washed off after 30 minutes of the local application. The treatment was given for a period of three months initially. This was extended till the maximum repigmentation was achieved.

Out of the 3926 cases treated, 516 completed the trial. Thirteen (2.5%) cases showed 100 repigmentation. In 29 (5.6%) cases repigmentation was 91 to 99%. Fifty-seven (11.1%) cases showed 71-90% repigmentation. In 72 (14.0%) cases repigmentation was 51 to 70%. Eighty-two (15.9%) cases showed 41-50% repigmentation. One hundred and sixty-seven (32.2%) cases showed less than 40% repigmentation. Ninety-six (18.6%) cases showed no response. One thousand eight hundred and twenty-one cases were under study whereas 1589 cases dropped out of the study. In the responding cases further exacerbation was checked. No new patches appeared.

The response of the treatment was better in lower age groups, non-progressive and extensive lesions and in unilateral involvements. Further, the patients having chronicity below 10 years responded better than other groups whereas sex had no effect on the treatment outcome.

No toxicity of the drug was seen. However, itching and blister formation was observed in some patients with topical application of UNIM-005 but that too did not necessitate withdrawal of the drug as adjustment in concentration and exposure could overcome the problem.

(iii) Evaluation of therapeutic efficacy of a combination of the coded drugs UNIM-006+UNIM-027

Therapeutic efficacy of a combination of coded drugs UNIM-006 and UNIM-027 was evaluated in 50 extensive cases of Bars attending the OPD of the Institute. The drug UNIM-006 was given in the form of decoction prepared by soaking 35 gm of the drug in 120 ml of hot water in the night and boiled in the morning. Decoction so prepared was given with 20 gm of honey on empty stomach early in the morning. Besides, local application of UNIM-027 on the affected parts was done early in the morning and then exposed to sun rays for 2-5 minutes. The paste was washed off after 30 minutes of local application. The treatment was given for a period of three months initially. This was extended till the maximum repigmentation was achieved.

Out of the 50 cases treated, eight completed the trial. No significant response of the drug was observed in these cases. Forty-two cases dropped out of the study.

This combination of the drug did not show any significant therapeutic effects either in arresting the spread of lesion or repigmenting the depigmenting patches. No drug intolerance was noted with the use of these drugs.

Evaluation of the therapeutic efficacy of Munzij and Mushil (MM) therapy

Beneficial therapeutic effects of Munzij and Mushil therapy were evaluated in 293 cases of Bars attending the IPD of the Institute. These cases were of chronic nature. The cases were first subjected to Munzij and Mushil therapy followed by treatment with the oral and local drugs. The Munzij drug UNIM-040 was given in the form of decoction prepared by soaking 35 gm of the drugs in 120 ml of hot water in the night and boiled in the morning. Decoction so prepared was given early in the morning on empty stomach. The Munzij drug was given for four to six weeks or till the maximum 'Nuzj' appeared in the urine followed by use of the Mushil drug UNIM-041 and the Tabreed drug UNIM-042 alternately for six days.

Out of the 293 cases treated, 245 completed the trial. All the cases responded to the therapy. There was definite sign of starting of early repigmentation even during the Munzij and Mushil therapy. After completion of this therapy, these cases were treated in different treatment groups in the OPD. It was observed that the therapy was effective in the resistant cases of Bars. The response was rapid in cases who were subjected to the Munzij and Mushil therapy when compared with the cases who were not subjected to the Munzij and Mushil therapy. Forty-eight cases dropped out of the study.



Central Research Institute of Unani Medicine (CRIUM), Lucknow

(i) Evaluation of therapeutic efficacy of the coded drugs UNIM-001+UNIM-003, UNIM-004+UNIM-005 and UNIM-006+UNIM-027 with and without the Munzij and Mushil (MM) therapy.

Therapeutic efficacy of a combination of the coded drugs (UNIM-001+UNIM-003), (UNIM-004+UNIM-005), and (UNIM-006+UNIM-027) with the MM therapy was evaluated in 200 acute cases of Bars (Vitiligo) attending the OPD of the Institute. The cases were divided into four groups.

In Group-I, the oral drug UNIM-001 was given in the dose of two tablets (500 mg each) thrice daily along with local application of the drug UNIM-003 in the form of paste, prepared by mixing one part of the drug with five parts of water, on the affected parts and then exposed to sun rays for 2-5 minutes. The paste was washed off after half an hour of the application. The treatment was given for a period three months in the first instance which was further extended till the maximum repigmentation was achieved. The average duration of the treatment was 24 months. In this group, the study was conducted on 78 cases. Out of these, 13 cases completed the trial. All these cases showed 51-70% repigmentation. Forty-eight cases were under study. Seventeen cases dropped out of the study.

In Group-II, the oral drug UNIM-004 was given in the dose of two tablets (500 mg each) thrice daily along with the local application of the drug UNIM-005 in the form of paste, prepared by mixing one part of the drug with five parts of water on the affected parts. The treatment was given for a period of three months in the first instance which was further extended till the maximum repigmentation was achieved. The average duration of the treatment was 24 months. In this group, out of the 55 cases treated, 12 completed the trial. In all the 12 cases, repigmentation was 51-71%. Twenty-two cases were under study. Twenty-one cases dropped out of the study.

In Group-III, the oral drug UNIM-006 was given in the form of decoction, prepared from 35 gm of the drug in 120 ml of water, with honey on empty stomach early in the morning, along with local application of the drug UNIM-027 in the form of paste on the affected parts. In this group, 26 cases were studied. Out of these, 16 cases continued the study. Ten cases dropped out of the study.

In Group-IV, beneficial effects of the Munzij and Mushil therapy were evaluated in 41 cases of Bars. These cases were first subjected to the Munzij and Mushil therapy followed by the treatment with the oral and local drugs. Munzij drugs were given for a period of 2-3 weeks till the 'Nuzj' appeared in the urine followed by the Mushil and Tabreed drugs alternately for six days. Out of the 41 cases treated in this group, 11 completed the study. All these cases showed early sign of repigmentation. After completion of the Munzij and Mushil therapy, the cases were treated in the respective treatment groups with the oral and local drugs. It was observed that the Munzij and Mushil therapy activated the process of repigmentation. Thirty cases were under study.

Regional Research Institute of Unani Medicine, Aligarh

Preliminary screening of the coded drugs UNIM-007+UNIM-023

Preliminary screening of the coded drugs UNIM-007+UNIM-023 continued in cases of Bars attending the OPD of the Institute. During the reporting period, 67 cases were studied. The drug UNIM-007 was given in the dose of two capsules (500 mg each) twice daily along with the local application of UNIM-023 in the form of cream on the affected parts in the morning and then exposed to sun rays early in the morning for 2-5 minutes. The treatment was given initially for a period of three months which was extended till the maximum repigmentation was achieved.

Out of the 67 cases studied, 17 completed the trial. Two (11.8%) cases showed 71-90% repigmentation. In 13 (76.4%) cases repigmentation was 51-70%. Two (11.8%) cases showed no response. Thirty-one cases were under study. Nineteen cases dropped out of the study.

NAR-E-FARSI (ECZEMA)

Therapeutic trials on cases of Nar-e-Farsi (Eczema) continued at Clinical Research Unit (CRU), Bhopal and CRU, Bangalore. During the reporting period following studies were conducted.

Clinical Research Unit (CRU), Bhopal

Comparative trial of the coded drugs UNIM-401+UNIM-402 and UNIM-401+UNIM-403

Therapeutic efficacy of a combination of the coded drugs UNIM-401+UNIM-402 and UNIM-401+UNIM-403 was compared in 169 cases of Nar-e-Farsi attending the OPD of the Unit. The cases were divided into two groups. In Group-I, the oral drug UNIM-401 was given in the form of infusion prepared from 17gm of the drug UNIM-401 on empty stomach early in the morning, along with the local application of the oil UNIM-402 on the affected parts at bed time. In Group-II, UNIM-401 was given as in Group-I along with the local application of UNIM-403. The treatment was given for a period of 90 days which was further extended till the maximum response was achieved. The average duration of treatment was six months.

Out of the 91 cases studied in Group-I, 71 completed the trial. Thirty (42.2%) were completely relieved, 28 (39.4%) partially relieved and 13 (18.3%) showed no response. Sixteen cases were under study. Four cases were dropped out the study.

In Group-II, out of the 78 cases studied, 64 completed the trial. Twenty-three (35.9%) cases were completely relived, 28 (43.8%) partially relieved and 13(20.3%) cases showed no response. Eleven cases were under study. Three cases dropped out of the study.

Both the combinations of the drugs showed significant therapeutic effects in subsiding the clinical signs and symptoms of the disease. The oral drug UNIM-401 proved to be an important blood purifier.

Clinical Research Unit (CRU), Bangalore

Evaluation of therapeutic efficacy of the coded drugs UNIM-401+UNIM-402 and UNIM-401+UNIM-403

Therapeutic efficacy of a combination of the coded drugs UNIM-401+ UNIM-402 and UNIM-401+UNIM-403 was evaluated in 11 cases of Nar-e-Farsi attending the OPD of the unit. The cases were divided into two groups. The drug UNIM-401 was given in the form of infusion prepared from 17gm of the drug on empty stomach early in the morning along with the local application of UNIM-402 and UNIM-403 on the affected parts at bed time in two separate groups. The treatment was given for a period of three months which was further extended upto six months.

Out of the five cases studied in Group-I, four completed the trial, These cases were partially relieved. One case showed no response. One case dropped out of the study.

Out of the six cases studied in Group-II, four completed the trial. All these cases were partially relieved. Two cases dropped out of the study.



DAUS SADAF (PSORIASIS)

Therapeutic trials on cases of Daus Sadaf (Psoriasis) continued at Central Research Institute of Unani Medicine (CRIUM), Hyderabad, Regional Research Institute of Unani Medicine (RRIUM), Srinagar, Clinical Research Unit (CRU), Bangalore and CRU, Bhopal. During the reporting period following studies were conducted.

Central Research Institute of Unani Medicine (CRIUM), Hyderabad

Preliminary screening of the coded drugs DS-1 to DS-6

Preliminary screening of some Munzij-e-Sauda-wa-Safra drugs was done in 42 cases of Daus Sadaf (Psoriasis) attending the IPD of the Institute. The Munzij drug DS1 was given orally in the form of decoction on empty stomach early in the morning for 11 days followed by the Mushil drug DS2 and Tabrid drug DS-3 alternately for four days. After completion of the Munzij and Mushil therapy, the oral drug DS-4 was given in the dose of 4 gm in two divided doses. The drug DS-5 was given in the form of syrup in the dose of 10ml twice daily. Besides, local application of the ointment DS-6 was done at bed time. The treatment was given for a period of three months.

Out of the 42 cases studied, 31 completed the study. Two (6.4%) cases were completely relieved, 18(58.1%) were partially relieved whereas 11(35.5%) cases showed no response. Eleven cases dropped out of the study.

No drug intolerance/toxicity was reported.

Regional Research Institute of Unani Medicine (RRIUM), Srinagar

Comparative trial of the coded drugs UNIM-401+UNIM-402 and UNIM-401+UNIM-403

Therapeutic efficacy of a combination of the coded drugs UNIM-401+UNIM-402 and UNIM-401+UNIM-403 was compared in 86 cases of Daus Sadaf attending the OPD of the Institute. Forty-nine cases were registered during the reporting period whereas 37cases continued from the previous year. The cases were divided into two groups. The drug UNIM- 401 was given in the form of infusion prepared by soaking 17 gm of the crude drug in 120 ml of hot water in the night and decanted in the morning. The infusion was given empty stomach early in the morning in both the groups. Besides, local application of the ointment UNIM- 402 was done in Group-I and that of UNIM-403 in Group-II. The ointment was applied locally at bed times. In each group the treatment was given for a period of three months which was extended till the maximum response was achieved. The average duration of the treatment was six months.

Out of the 34 cases treated in Group-I, 32 completed the trial. Ten (31.3%) were completely relieved, 15 (46.7%) partially relieved whereas seven (21.9%) cases showed no response. Two cases dropped out of the study.

In Group-II, out of the 28 cases studied, 26 completed the trial. Eight (30.8%) were completely relieved, 13 (50.0%) partially relieved whereas five (19.2%) cases showed no response. Two cases dropped out of the study.

No drug intolerance/toxicity was reported.

Clinical Research Unit (CRU), Bangalore

Comparative trial of a combination of the coded drugs UNIM-401+UNIM-402 and UNIM-401+UNIM-403

Therapeutic efficacy of the coded drugs UNIM-401+UNIM-402 and UNIM-401+ UNIM-403 was compared in 40 cases of Daus Sadaf attending the OPD of Unit. The drug UNIM-401 was given in the form of infusion



prepared by soaking 17gm of the crude drug in 120 ml of hot water in the night and decanted in the morning. The infusion so prepared was given on empty stomach early in the morning. Besides local application of the ointment UNIM-402 was done in Group-I and that of UNIM-403 in Group-II. In each group, the treatment was given for a period of three months which was extended upto six months. The patients were kept under observation for two years.

Out of the nine cases studied in Group-I, six completed the trial. Three (50.0%) cases were completely relieved and three (50%) partially relieved. Three cases dropped out of the study.

In Group-II, out of the 19 cases studied, eight completed the trial. All these cases were partially relieved. Ten cases were under study. One case dropped out of the study.

No drug intolerance/toxicity was noted.

Clinical Research Unit (CRU), Bhopal

Comparative trial of a combination of the coded drugs UNIM-401+UNIM-402 and UNIM-401+UNIM-403

Therapeutic efficacy of the coded drugs UNIM-401+UNIM-402 and UNIM-401+ UNIM-403 was compared in 47 cases of Daus Sadaf attending the OPD of Unit. The drug UNIM-401 was given in the form of infusion prepared by soaking 17gm of the crude drug in 120 ml of hot water in the night and decanted in the morning. The infusion so prepared was given on empty stomach early in the morning. Besides local application of the ointment UNIM-402 was done in Group-I and that of UNIM-403 in Group-II. In each group the treatment was given for a period of three months which was extended upto six months.

Out of the 25 cases studied in Group-I, 17 completed the trial. Five (29.4%) cases were completely relieved, four (23.5%) partially relieved whereas eight (47.1%) cases showed no response. Eight cases were under study.

In Group-II, out of the 22 cases studied, 16 completed the trial. Four (25.0%) were completely relieved, three (18.7%) partially relieved whereas nine (56.2%) showed no response. Five cases were under study. One case dropped out of the study.

No drug intolerance/toxicity was noted.

AMRAZ-E-TARSEELI (COMMUNICABLE DISEASES)

Clinical and therapeutic studies on cases of Amraz-e-Tarseeli (Communicable diseases) including Daul-Feel (Filariasis), Iltehab-e-Kabid (Infective hepatitis) and Kala Azar continued at Central Research Institute of Unani Medicine (CRIUM), Hyderabad, Regional Research Institute of Unani Medicine (RRIUM), Chennai, RRIUM, Bhadrak and RRIUM, Patna. During the reporting period, following studies were conducted.

DAUL FEEL (FILARIASIS)

Regional Research Institute of Unani Medicine (RRIUM), Chennai

Comparative trial of a combination of the coded drugs UNIM-268+UNIM-270+UNIM-271+UNIM-272 and UNIM-269+UNIM-270+UNIM-271+UNIM-272

Therapeutic efficacy of a combination of the coded drugs UNIM-268+UNIM-270+UNIM-271 and UNIM-269+UNIM-270+UNIM- 271 was compared in 28 cases of Daul Feel attending the OPD of the Regional Research Institute of Unani Medicine, Chennai. The cases were divided into two groups.



In Group-I, the drug UNIM-268 was given orally after meals in the dose of two tablets (500 mg each) twice daily along with the 'Nutul' of UNIM-270 at bed time. Besides local application of the paste prepared by mixing 20 gm of the powder UNIM-271 with 20 ml UNIM-272 was also done on the affected parts at bed time.

In Group-II, the oral drug UNIM-269 was given as in Group-I along with the local application of UNIM-270, UNIM-271 and UNIM-272 as given in Group-I. The treatment was given for a period of 30 days in the IPD. Thereafter the patients were treated for a period of another 30 days in the OPD.

Out of the 13 cases treated in Group-I, six completed the trial. Three (50%) cases were completely relieved, two (33.3%) partially relieved and one (16.7%) case showed no response. Four cases were under study. Three cases dropped out of the study.

In Group-II, out of the 15 cases treated, 11 completed the trial. Three (27.2%) cases were completely relieved, four (36.4%) partially relieved whereas four (36.4%) cases showed no response. Three cases were under study. One case dropped out of the study.

No drug intolerance/toxicity was noted.

Regional Research Institute of Unani Medicine (RRIUM), Bhadrak

Comparative trial of a combination of the coded drugs UNIM-268+ UNIM-270+UNIM-271 and UNIM-269+UNIM-270+UNIM-271+UNIM-272 with and without Munzij and Mushil (MM) therapy

Therapeutic efficacy of a combination of the coded drugs UNIM-268+UNIM-270+UNIM-271 and UNIM-269+UNIM-270+UNIM-271+UNIM-272 with the Munzij & Mushil therapy was compared in 82 cases of Daul Feel attending the OPD/IPD of the Institute. The cases were divided into two groups.

In both the groups the cases were first subjected to the Munzij and Mushil therapy followed by treatment with the oral and local drugs in the respective groups. The Munzij drugs were given till the 'Nuzj' appeared in the urine followed by the Mushil and Tabreed drugs for seven days alternately. After completion of the Munzij and Mushil therapy the cases were treated in two groups.

In Group-I, the drug UNIM-268 was given orally after food in the dose of two tablets (500 mg each) twice daily along with the 'Nutul' of UNIM-270 at bed time. Besides, local application of the paste prepared by mixing 20 gm of the powder UNIM-271 with 20 ml UNIM-272 was also done on the affected parts at bed time.

In Group-II, the oral drug UNIM-269 was given as in Group-I along with the local application of UNIM-270, UNIM-271 and UNIM-272 as in Group-I. In each group the treatment was given for a period of 30 days in the IPD. Thereafter the patients were treated for a period of another 30 days in the OPD.

Out of the 41 cases treated in Group-I, 21 completed the trial. Thirteen (61.9%) cases were completely relieved. Three (14.3%) partially relieved and five (23.8%) cases showed no response. Five cases were under study. Fifteen cases dropped out of the study.

In Group-II, out of the 41 cases treated, 19 completed the trial. Nine (47.4%) cases were completely relieved. Four (21.1%) were partially relieved whereas six (31.5%) cases showed no response. Ten cases were under study. Twelve cases dropped out of the study.



Regional Research Institute of Unani Medicine, Chennai

Comparative trial of a combination of the coded drugs UNIM-268+UNIM-270+UNIM-271+UNIM-272 and UNIM-269+UNIM-270+UNIM- 271+UNIM-272

Therapeutic efficacy of a combination of the coded drugs UNIM-268+UNIM-270+UNIM-271 and UNIM-269+UNIM-270+UNIM- 271 was compared in 23 cases of Daul Feel attending the OPD of the Regional Research Institute of Unani Medicine, Chennai. The cases were divided into two groups.

In Group-I, the drug UNIM-268 was given orally in the dose of two tablets (500 mg each) twice daily along with the Nutul of UNIM-270 at bed time. Besides, local application of the paste prepared by mixing 20gm of the powder UNIM-271 with 20 ml UNIM-272 was also done on the affected parts at bed time.

In Group-II, the oral drug UNIM-269 was given as in Group-I along with the local application of UNIM-270, UNIM-271 and UNIM-272 as in Group-I.

The treatment was given for a period of 90 days in the OPD.

Out of the 12 cases studied in Group-I, six completed the trial. Four (66.7%) cases were completely relieved and two (33.3%) partially relieved. Two cases were under study. Four cases dropped out of the study.

In Group-II, out of the 11 cases studied, four completed the trial. Two (50.0%) cases were completely relieved and two cases showed no response. One case was under study. Six cases dropped out of the study.

No drug intolerance/toxicity was noted.

Regional Research Institute of Unani Medicine (RRIUM), Patna

Trial of a combination of the coded drugs UNIM-268+UNIM-270+UNIM-271+ UNIM-272 and UNIM-269+UNIM-270UNIM-271+UNIM-272

Therapeutic efficacy of a combination of the coded drugs UNIM-268+ UNIM-270+UNIM-271+UNIM-272 and UNIM-269+UNIM-270+UNIM-271+UNIM-272 was evaluated in 59 cases of Daul Feel attending the OPD of the Institute. The cases were divided into four groups.

In Group-I, the drug UNIM-268+UNIM-270+UNIM-271+UNIM-272 was given whereas UNIM-269+UNIM-270+UNIM-271+UNIM-272 was given in Group-II.

In Group-III the patients were first subjected to the Munzij and Mushil therapy followed by the treatment as in Group-I whereas in Group-IV the patients after the Munzij and Mushil therapy were treated with the drugs given in Group-II.

The Munzij drug was given for a period of three to four weeks till the Nuzj appeared followed by the Mushil and Tabreed drugs alternately for six days. The oral drug UNIM-268 was given in the dose of two tablets (500 mg each) thrice daily along with Nutul of the drug UNIM-270 at bed time and local application of the paste prepared by mixing 20 gm of UNIM-271 with 20 ml of UNIM-272 on the affected parts in Group-I. In Group-II, UNIM-269 was given in the same dose as in Group-I. In Group-III and Group-IV, UNIM-268 and UNIM-269 along with the combination of UNIM-271 and UNIM- 272 were given after completion of the Munzij and Mushil therapy. In each group the treatment was given for a period of 90 days.

In Group-I, out of the 10 cases studied, eight completed the trial. All the cases were completely relieved. Two cases dropped out of the study. In Group-II, out of the 38 cases studied, 21 completed the trial. Thirteen (61.9%) cases were completely relieved and eight (38.1%) partially relieved. Nine cases dropped out of the study. Eight cases were under study. In Group-III, out of the nine cases studied, eight completed the trial.



Six (75.0%) cases were completely relieved, two (25.0%) partially relieved and one case dropped out of the study. In Group-IV, two cases that were studied were completely relieved. The average duration of treatment was 90 days. There was significant improvement in different signs and symptoms. No recurrence of the fever was reported in the completely relieved cases.

HUMM-E-ASWAD (KALA AZAR)

Regional Research Institute of Unani Medicine (RRIUM), Patna

Preliminary screening of a combination of the coded drugs UNIM-180+UNIM-181+UNIM-182+UNIM-183

Preliminary screening of a combination of the coded drugs UNIM-180+UNIM-181+UNIM-182+UNIM-183 was done in 43 acute cases of Kala Azar attending the OPD/Mobile OPD and IPD of the Institute. The drug UNIM-180 was given in the dose of two tablets (500 mg each) twice a day along with the 10 ml syrup of UNIM-181 twice daily. Besides, one capsule (125 mg each) of UNIM-182 and one capsule (500 mg each) of UNIM-183 was also given. The treatment was given for a period of 90 days.

The cases studied in the IPD were subjected to the Munzij and Mushil therapy followed by treatment with the oral drugs.

Out of the 38 cases studied, 29 completed the trial. Ten (34.5%) cases were relieved, 15 (51.7%) partially relieved whereas four (13.8%) cases showed no response. One case was under study. Nine cases dropped out of the study.

ILTEHAB-E-KABID (INFECTIVE HEPATITIS)

Therapeutic studies continued on Iltehab-e-Kabid at CRIUM, Hyderabad and Regional Research Institute of Unani Medicine (RRIUM), Chennai. During the reporting period following studies were undertaken.

Central Research Institute of Unani Medicine, Hyderabad

Preliminary screening of the coded drug UNIM-115

Preliminary screening of the coded drug UNIM-115 was done in 21 cases of asymptomatic Hepatitis B Carriers attending the OPD of Centre for Liver diseases Owasi Hospital, Deccan Medical College, Hyderabad. The cases were treated with the drug UNIM-115 in the dose of two tablets (500 mg each) thrice daily for a period of 180 days.

Out of the 21 cases studied. 10 completed the trial. In these cases there was no effect of the drug in the viral load of the cases. Nine cases dropped out of the study. Two cases were under study.

Preliminary screening of the coded drug UNIM-115

Preliminary screening of UNIM-115 was done in 50 cases of viral Hepatitis cases attending the OPD of Centre for Liver Diseases, Owaisi Hospital, Deccan Medical College, Hyderabad. In these cases the drug UNIM-115 was given in the dose of two tablets (500 mg each) thrice daily for a period of three to six weeks.

Out of the 50 cases studied, 36 completed the trial. All these cases were completely relieved. In these cases all the signs and symptoms subsided completely and bio-chemical parameters including SGOT, SGPT, serum alkaline phosphatase, serum bilirubin attained the normal values after three to six weeks of the treatment depending upon the severity of the disease.

Regional Research Institute of Unani Medicine (RRIUM), Chennai

Comparative trial of the coded drugs UNIM-105 and UNIM-115

Therapeutic efficacy of the coded drug UNIM-105 and UNIM-115 was compared in 79 cases of Iltehab-e-Kabid attending the IPD of the Institute. The cases were divided into two groups. In Group-I, the drug UNIM-105 was given in the dose of two tablets (500 mg each) twice daily whereas in Group-II the drug UNIM-115 was given in the same dose as in Group-I. In each group the treatment was given for a period of 30 to 60 days.

Out of the 38 cases studied in Group-I, 26 completed the trial. All the cases showed complete subsidence in all the signs and symptoms of the disease. Six cases dropped out of the study and four cases were under study. Two cases were referred to other hospitals.

In Group-II, out of the 41 cases registered, 30 completed the trial. All the cases were completely relieved. Seven cases dropped out of the study. Four cases were under study.

No drug toxicity was reported.

AMRAZ-E-MEDA WA AMAA (GASTRO-INTESTINAL DISORDERS)

Therapeutic trials on cases of Amraz-e-Meda wa Amaa (Gastro-intestinal disorders) including Qarah-e-Meda wa Isna-e-Ashari (Duodenal ulcer) and Zaheer-e-Muzmin (Bacillary dysentery) continued at Central Research Institute of Unani Medicine, Hyderabad, Regional Research Institute of Unani Medicine, Kolkata and Clinical Research Unit (CRU), Burhanpur and CRU, Meerut. During the reporting period following studies were undertaken.

QARAH-E-MEDA WA ISNA-E-ASHARI (DUODENAL ULCER)

Central Research Institute of Unani Medicine (CRIUM), Hyderabad

Preliminary screening of the coded drug UNIM-701

Preliminary screening of the coded drug UNIM-701 was done in 19 chronic Duodenal ulcer cases attending the OPD of Centre for Liver Diseases, Deccan Medical College, Hyderabad. All the cases were diagnosed endoscopically. The drug UNIM-701 was given in the dose of two capsules (500 mg each) twice daily for a period of eight weeks.

Out of the 19 cases studied, 14 completed the study. Nine (64.3%) showed complete remission whereas in five (35.7%) cases partial relief was noted. One case dropped out of the study. Four cases were under study.

The drug showed significant therapeutic effect in subsiding different signs and symptoms. In the responding cases the ulcers were completely healed. No relapse was noted during long term followup of the cases.

No drug intolerance/toxicity was noted.

ZAHEER-E-MUZMIN (BACILLARY DYSENTERY)

Regional Research Institute of Unani Medicine (RRIUM), Kolkata

Evaluation of therapeutic efficacy of the coded drug UNIM-1351

Therapeutic efficacy of the coded drug UNIM-1351 was evaluated in 57 cases of Zaheer-e-Muzmin (Bacillary dysentery) attending the OPD of the Institute. The drug UNIM-1351 was given in the dose of 5 gm in powder form for a period of three weeks.



Out of the 57 cases, 39 completed the trial. Sixteen (41.0%) cases were completely relieved, eight (20.5%) partially relieved whereas 15 (38.5%) cases showed no response. Three cases were under study. Fifteen cases dropped out of the study.

Clinical Research Unit, Meerut

Comparative trial of the coded drugs UNIM-1351 and UNIM-1352.

Therapeutic efficacy of the coded drugs UNIM-1351 and UNIM-1352 was compared in 60 cases of Zaheer-e-Muzmin attending the OPD of the Unit. The cases were divided in two groups. In Group-I, UNIM-1351 was given in the dose of 5 gm twice a day where as in Group-II, UNIM-1352 was given in the same way as in Group-I. In both the groups, the treatment was given for a period of three weeks.

Out of the 30 cases treated in group-I, 27 completed the trial. Twenty (74.1%) cases were completely relieved, five (18.5%) partially relieved whereas three (7.4%) cases showed no response. Three cases dropped out of the study.

In Group-II, out the 30 cases studied, 25 completed the trial. Eight (32.0%) were completely relieved, 11 (44.0%) partially relieved whereas six (24.0%) cases showed no response. Five cases dropped out of the study.

Clinical Research Unit, Burhanpur

Comparative trial of the coded drugs UNIM-1351 and UNIM-1352.

Therapeutic efficacy of the coded drugs UNIM-1351 and UNIM-1352 was compared in 123 cases of Zaheer-e-Muzmin attending the OPD/mobile OPD of the Unit. The cases were divided into two groups. In Group-I, UNIM-1351 was given in the dose of 5 gm twice a day whereas in Group-II, UNIM-1352 was given as in Group-I. The treatment was given for a period of three weeks.

In Group-I, out of the 58 cases studied, 54 completed the study. Forty (74.0%) cases were completely relieved, five (9.3%) partially relieved whereas nine(16.7%) cases showed no response.

In Group-II, out of the 61 cases studied, 57 completed the study. Thirty-nine (68.4%) cases were completely relieved, 11 (19.3%) partially relieved whereas seven (12.3%) cases showed no response. Four cases dropped out of the study.

MARZ-E-MAFASIL (MUSCULO-SKELETAL DISORDER)

Clinical and therapeutic studies on Waja-ul-Mafasil (Rheumatoid arthritis) continued at the Central Research Institute of Unani Medicine (CRIUM), Lucknow and Regional Research Institute of Unani Medicine (RRIUM), Chennai, RRIUM, Srinagar and RRIUM, New Delhi. During the reporting period following studies were conducted.

Central Research Institute of Unani Medicine (CRIUM), Lucknow

(i) Evaluation of therapeutic efficacy of a combination of the coded drugs UNIM-301+UNIM-304 with MM therapy

Therapeutic efficacy of a combination of the coded drugs UNIM-301+UNIM-304, was evaluated with the Munzij and Mushil therapy in 109 cases of Waja-ul-Mafasil (Rheumatoid arthritis) attending the OPD/IPD of the Institute. The cases were first subjected to the Munzij and Mushil therapy followed by treatment with the oral and local drugs. The Munzij drug UNIM-308 was given in the form of decoction in the dose of 150 ml on empty stomach daily early in the morning for two to three weeks or till the 'Nuzj' appeared in the

urine followed by the Mushil drug UNIM-309 and Tabreed drug UNIM-310 on alternate days for six days. After completion of the Munzij and Mushil therapy, the oral drug UNIM-301 was given in the dose of three tablets (500 mg each) thrice daily along with the local application of the oil UNIM-304 at bed time. The treatment was given for a period of 90 days excluding the Munzij and Mushil therapy period.

Out of the 109 cases treated, 61 completed the trial. Thirty-three (54.1%) cases were completely relieved, 20 (32.8%) partially relieved whereas eight (13.1%) cases showed no response. Thirty-nine cases dropped out of the study. Nine cases were under study.

(ii) Evaluation of the therapeutic efficacy of the coded drugs UNIM-301+UNIM-304 with MM therapy

Therapeutic efficacy of a combination of the coded drugs UNIM-301+UNIM-304 with MM therapy was evaluated in 78 cases of Tahajjur-e-Mafasil (Osteoarthritis) attending the OPD/IPD of the Institute. The cases were first subjected to the Munzij and Mushil therapy followed by treatment with the local and oral drugs. The Munzij drug UNIM-308 was given in the form of decoction in the dose of 150 ml on empty stomach early in the morning daily for two to three weeks or till the Nuzj appeared in the urine followed by the Mushil drug UNIM-309 in the dose of 250 ml and the Tabreed drug UNIM-310 in the dose of six gms alternately for three days each. After completion of the Munzij and Mushil therapy oral drug UNIM-301 was given in the dose of three tablets (500 mg each) thrice daily along with the local application of the oil UNIM-304 at bed time. The treatment was given for a period of 90 days after completion of the Munzij and Mushil therapy.

Out of the 78 cases studied, 46 completed the trial. Twenty-four (52.1%) cases were completely relieved, 19 (41.3%) partially relieved whereas three (6.5%) cases showed no response. Twenty-five cases dropped out of the study. Seven cases were under study.

Regional Research Institute of Unani Medicine (RRIUM), Chennai

Preliminary screening of a combination of the coded drugs UNIM-312 + UNIM-304

Preliminary screening of a combination of the coded drugs UNIM-312 + UNIM-304 was done in 98 cases of Wajaul Mafasil attending the OPD/IPD of the Institute. The coded drug UNIM-312 was given in the dose of two tablets (500 mg each) twice daily along with the local application of the oil UNIM-304 on the affected parts at bed time. The treatment was given for a period of 90 days.

Out of the 98 cases treated, 36 completed the trial. Fifteen (41.7%) cases were completely relieved, 18 (50.0%) partially relieved whereas three (8.3%) cases showed no response. Twenty-five cases dropped out of the study. Thirty-seven cases were under study.

The drugs showed significant effects in subsiding different signs and symptoms. Significant improvement in the parameters like walking time, hand grip strength, functional index, etc. was noted after treatment. The drugs were found effective both in seropositive and seronegative cases.

No drug intolerance/toxicity was noted. Longterm follow-up of the cases continued to note any relapse.

Regional Research Institute of Unani Medicine (RRIUM), Srinagar

Evaluation of therapeutic efficacy of a combination of the coded drugs UNIM-301+ UNIM-304

Therapeutic efficacy of a combination of the coded drugs UNIM-301+UNIM-304 was evaluated in 143 cases of Wajaul Mafasil attending the OPD of the Institute. The drug UNIM-301 was given orally in the dose of two tablets (500 mg each) twice daily along with the local application of the oil UNIM-304 at bed time. The treatment was given for a period of 90 days.



Out of the 143 cases treated, 89 completed the trial. Sixty-nine (77.5%) cases were completely relieved, 16 (18.0%) partially relieved whereas, four (4.5%) cases showed no response. Nine cases dropped out of the study. Forty-five cases were under study.

No drug intolerance/toxicity was noted.

Regional Research Institute of Unani Medicine (RRIUM), New Delhi

Evaluation of therapeutic efficacy of the coded drugs UNIM-301+UNIM-302+UNIM-304 with and without the Munzij and Mushil therapy

Therapeutic efficacy of a combination of the coded drugs UNIM-301+ UNIM-302+UNIM-304 with and without the Munzij and Mushil therapy was evaluated in 103 cases of Waja-ul-Mafasil attending the OPD/IPD of the Institute. The cases were divided into two groups. In Group-I, the patients were first subjected to the Munzij and Mushil therapy followed by treatment with the oral drug and local application. In Group-II, the cases were treated with the oral drug and local application. In Group-I, the Munzij drug UNIM-308 was given in the form of decoction in the dose of 150 ml on empty stomach early in the morning daily or till the 'Nuzj' appeared in the urine followed by the Mushil drug UNIM- 309 in the dose of 150 ml and Tabreed drug UNIM-310 in the dose of six gm daily for seven days alternately for six days. After completion of the Munzij and Mushil therapy the oral drug UNIM- 301 was given in the dose of two tablets twice daily. The treatment was given for a period of 180 days. All the cases responded to the Munzij and Mushil therapy.

In Group-II, UNIM-301 was given in the dose of two tablets (500 mg each) twice daily. Besides, hot fomentation of the affected joints was done with the decoction of the drug UNIM-302 at bed time and local application of the oil UNIM-304.

Out of the 45 cases treated in both the groups, 19 completed the trial. Eleven (57.9%) cases were completely relieved, and eight (42.1%) partially relieved. Nine cases dropped out of the study. Seventeen cases were under study.

WARM-E-LISSA (GINGIVITIS)

Central Research Institute of Unani Medicine (CRIUM), Lucknow

(i) Preliminary screening of the coded Unani dental powders UNIM-851, UNIM-852 and UNIM-853

Therapeutic efficacy of the coded Unani dental powders, UNIM-851, UNIM-852 and UNIM-853 was evaluated in 22 cases of Warm-e-Lissa (Gingivitis) attending the Dental OPD of Institute in three separate groups. In Group-I, application of the drug UNIM-851 was done on the teeth and gums in the morning at bed time whereas in Group-II, UNIM-852 was applied and in Group-III UNIM-853. The cases were advised to use these powders for 15 to 30 days.

Out of the eight cases studied in Group-I, six completed the trial. Three (50.0%) cases were partially relieved and three (50.0%) cases showed no response. Two cases dropped out of the study.

In Group-II out of the six cases studied, four completed the trial. Three (75%) cases were partially relieved and one (25%) case showed no response. Two cases were dropped out the study.

In Group-III, out of the eight cases studied, six completed the trial. Four (66.7%) cases were completely relieved, two (33.3%) partially relieved, Two cases dropped out of the study.



ZAHAB-O-MAYIL ASNAN (TOOTH HYPER SENSITIVITY)

Preliminary screening of the coded drugs UNIM-855 and UNIM-856

Therapeutic efficacy of the coded Unani dental powders UNIM-855 and UNIM-856 was evaluated in 22 cases of Zahab-o-Mayil Asnan (Tooth hypersensitivity) attending the Dental OPD of the Institute. The cases were divided into two groups. In Group-I, application of the powder UNIM-855 was done in the morning and at bed time whereas in Group-II, UNIM-856 was applied as in Group-I. The cases were advised to use this powder for a period of 15 to 30 days.

Out of the 11 cases studied in Group-I, five completed the study. Two (40.0%) cases were completely relieved and three (60%) partially relieved. Six cases dropped out of the study.

In Group-II, out of the 11 cases treated, five completed the trial. Two (40%) cases were completely relieved and three (75%) were partially relieved. Six cases dropped out of the study.

MARZ-E-RIYA (PULMONARY DISORDER)

Therapeutic trials on cases of Zeequn Nafas (Bronchial asthma) continued at Regional Research Institute of Unani Medicine (RRIUM) Patna and RRIUM, Srinagar. During the reporting period following studies were conducted.

ZEEQUN NAFAS (BRONCHIAL ASTHMA)

Regional Research Institute of Unani Medicine (RRIUM), Patna

(i) Preliminary screening of the coded drug UNIM-359

Preliminary screening of the coded drug UNIM-359 was done in six cases of Zeequn Nafas attending the OPD of the Institute. The cases were given the drug UNIM-359 in the dose of 10 ml twice daily for a period of 90 days.

Out of the six cases studied, two cases completed the study and were completely relieved. Four cases dropped out of the study.

Regional Research Institute of Unani Medicine (RRIUM), Srinagar

Preliminary screening of the coded drug UNIM-359

Therapeutic efficacy of the coded drug UNIM-359 was evaluated in 70 cases of Zeequn Nafas (Bronchial asthma) attending the OPD of Institute. The cases were given the drug UNIM-359 in the dose of 10 ml twice daily. The treatment was given for a period of 90 days.

Out of the 70 cases studied, 50 completed the trial. Eighteen (36.0%) cases were completely relieved, 14(28.0%) partially relieved whereas 18 (36.0%) showed no response. Four cases dropped out of the study. Sixteen cases were under study

MARZ-E-ANF (DISEASE OF SINUS)

Therapeutic studies on Iltehab-e-Tajaweef-e-Anf (Sinusitis) continued at Central Research Institute of Unani Medicine (CRIUM), Hyderabad. During the reporting period following study was undertaken.



ILTEHAB-E-TAJAWEEF-E-ANF (SINUSITIS)

Central Research Institute of Unani Medicine (CRIUM), Hyderabad

Comparative trial of a combination of the Coded drugs UNIM-051+UNIM-053 and UNIM-052+UNIM-053

Therapeutic efficacy of the coded drugs UNIM-051 + UNIM-053 and UNIM-052 + UNIM-053 was compared in 114 cases of Iltehab-e-Tajaweef-e-Anf (Sinusitis) attending the OPD of the Institute. The cases were divided into two groups. In Group-I, UNIM-051 was given in the dose of 300 mg in tablet form twice daily on empty stomach. Besides, inhalation of UNIM-053 was also given. In Group-II, UNIM-052 was given in the dose of 1.5 gm twice a day on empty stomach along with the inhalation of UNIM-053.

Out of the 56 cases treated in Group-I, 10 completed the trial. Five (50.0%) cases were completely relieved, four (40.0%) partially relieved and one (10.0%) case showed no response. Thirty-three cases dropped out of the study. Thirteen cases were under study.

In Group-II, out of the 58 cases treated, 18 completed the trial. Five (27.8%) cases were completely relieved, 12 (66.7%) partially relieved whereas one (5.5%) case showed no response. Thirty cases dropped out of the study. Thirteen cases were under study.

ZIABETUS SUKKARI (DIABETES MELLITUS)

Clinical studies on cases of Ziaabetus Sukkari (Diabetes mellitus) continued at Central Research Institute of Unani Medicine (CRIUM), Hyderabad and Lucknow and Regional Research Institute of Unani Medicine (RRIUM), RRIUM, Chennai, RRIUM, Aligarh, RRIUM, New Delhi and Clinical Research Unit (CRU), Allahabad. During the reporting period following studies were conducted.

Central Research Institute of Unani Medicine (CRIUM), Hyderabad

Evaluation of anti-diabetic effects of the coded drugs UNIM-210 and UNIM-211

Anti-diabetic effects of the coded drugs UNIM-210 and UNIM-211 were evaluated in 10 cases of Ziaabetus Sukkari (Diabetes mellitus) attending the OPD of the Institute. The cases were divided into two groups. In Group-I, the drug UNIM-210 was given in the dose of two tablets (500 mg each) twice daily whereas in Group-II, UNIM-211 was given in the same dose as in Group-I. In each group, the treatment was given for a period of 180 days. Out of the seven cases treated in Group-I, two cases completed the trial. Both the cases showed no response. Three cases dropped out of the study. Two cases were under study.

In Group-II, out of three cases studied, one completed the trial. One case was under study and one case dropped out of the study.

Central Research Institute of Unani Medicine (CRIUM), Lucknow

Comparative trial of anti-diabetic effects of the coded drugs UNIM-210 and UNIM-211

Therapeutic efficacy of the coded drugs UNIM-210 and UNIM-211 was compared in 70 cases of Ziaabetus Sukkari (Diabetes Mellitus) attending the OPD of the Institute. The cases were divided into two groups.

In Group-I, the coded drug UNIM-210 was given in the dose of four tablets (500 mg each) thrice daily whereas in Group-II, UNIM-211 was given as in Group-I. The treatment was given for a period of 180 days.

In Group-I, out of the 35 cases studied, 17 completed the study. Six (35.3%) cases showed partial control in the blood sugar levels whereas in 11 (64.7%) cases there was no control. Twelve cases dropped out of the study. Six cases were under study.

In Group-II, out of 35 cases studied, 18 completed the trial. Four (22.2%) cases showed partial control in the sugar levels whereas 14 (77.7%) cases showed no control. Thirteen cases dropped out of the study. Four cases were under study.

Regional Research Institute of Unani Medicine (RRIUM), Chennai

Comparative trial of the coded drugs UNIM-210 and UNIM-211

Comparative trial of the coded drugs UNIM-210 and UNIM-211 was conducted on 52 cases of Ziabetes Sukkari (Diabetes mellitus) attending the OPD of the Institute. The cases were divided into two groups.

In Group-I, UNIM-210 was given in the dose of two tablets (500 mg each) twice daily orally before meals whereas in Group-II, UNIM-211 was given in the same dose as in Group-I. In each group the treatment was given for a period of 180 days.

Out of the 28 cases treated in Group-I, seven completed the trial. Two (28.6%) cases showed complete control in the blood sugar levels, three (42.9%) showed partial control whereas two (28.5%) cases showed no response. Three cases were referred to other hospitals. Eight cases dropped out of the study. Ten cases were under study.

In Group-II, out of the 24 cases treated, four completed the trial. Two (50.0%) showed complete control in the blood sugar levels. One (25.0%) case showed no response and one (25.0%) case was referred to another hospital. Seven cases dropped out of the study. Twelve cases were under study.

Regional Research Institute of Unani Medicine (RRIUM), Aligarh

Comparative trial of the coded drugs UNIM-210 and UNIM-211

Therapeutic efficacy of the coded drugs UNIM-210 and UNIM-211 was compared in 41 cases of Ziabetes Sukkari attending the OPD of the Institute. The cases were divided into two groups. In Group-I, UNIM-210 was given in the dose of two tablets (500 mg each) twice daily whereas in Group-II, UNIM-211 was given as in Group-I. In each group the treatment was given for a period of 180 days.

Out of the 41 cases treated in both the groups, 10 completed the trial. One (10.0%) case showed complete control in the blood sugar levels, seven (70.0%) showed partial control whereas two (20.0%) cases showed no response. Nineteen cases dropped out of the study. Twelve cases were under study.

Regional Research Institute of Unani Medicine (RRIUM), New Delhi

Comparative therapeutic trial of the coded drugs UNIM-210 and UNIM-211

Comparative trial of the coded drugs UNIM-210 and UNIM-211 was conducted on 62 cases of Ziabetes Sukkari attending the OPD of the Institute. The cases were divided into two groups. In Group-I, UNIM-210 was given in the dose of two tablets (500 mg each) thrice daily whereas in Group-II, UNIM-211 was given as in Group-I. In each group the treatment was given for a period of 180 days.

In Group-I, out of the 31 cases studied, five (16.1%) cases showed complete control in the blood sugar levels, 16 (51.6%) partial control and 10 (32.3%) cases showed no response.



In Group-II, out of the 31 cases studied, seven (22.6%) cases showed complete control in the blood sugar levels, 16 (51.6%) partial control whereas eight (25.8%) cases showed no response.

Clinical Research Unit (CRU), Allahabad

(i) Evaluation of anti-diabetic effect of the coded drugs UNIM-210, UNIM-211 and UNIM-212

Anti-diabetic effect of the coded drug UNIM-210, UNIM-211 and UNIM-212 was evaluated in 160 non-insulin dependent Diabetes mellitus cases. The cases were divided into three groups. In Group-I, UNIM-210 was given in the dose of two tablets (500 mg each) thrice daily whereas in Group-II, UNIM-211 was given as in Group-I. The drug UNIM-212 was given in Group-III in the dose of two tablets (500 mg each) thrice daily. In each group, the treatment was given for a period of 180 days.

Out of the 54 cases treated in Group-I, 32 completed the trial. Eighteen (56.2%) cases showed complete control in the blood sugar levels, nine (28.1%) showed partial control whereas five (15.6%) cases showed no response. Thirteen cases dropped out of the study. Nine cases were under study.

In Group-II, out of the 53 cases treated, 32 completed the trial. Seven (21.9%) cases showed complete control in the blood sugar levels, 13 (40.6%) cases showed partial control whereas 12 (37.5%) showed no response. Eleven cases dropped out of the study. Ten cases were under study.

In Group-III, out of the 53 cases treated, 31 completed the trial. Seven (22.6%) cases showed partial control in the blood sugar levels. Twenty-four (77.4%) cases showed no response. Sixteen cases dropped out of the study. Six cases were under study.

SAMAN-E-MUFIRIT (OBESITY)

Regional Research Institute of Unani Medicine (RRIUM), New Delhi

Preliminary screening of UNIM-1201 and (UNIM-1201+ UNIM-1202)

Preliminary screening of the coded drugs UNIM-1201 and UNIM-1201+ UNIM-1202 was conducted in 50 cases of Saman-e-Mufirit (Obesity) attending the OPD of the Institute. The cases were divided into two groups. In Group-I, UNIM-1201 was given whereas in Group-II, UNIM-1201 along with UNIM-1202 was given. The treatment was given for a period of 180 days in both the groups.

In Group-I, nine cases who completed the trial showed no response.

In Group-II, four cases completed the trial and showed partial response. Twenty-three cases were under study. Fourteen cases dropped out of the study.

AMRAZ-E-QALB (CARDIAC DISORDERS)

Clinical studies on Kasrat-e-Shahmuddam (Hyperlipidemia) continued at Central Research Institute of Unani Medicine, Hyderabad and Regional Research Institute of Unani Medicine, New Delhi. During the reporting period following studies were conducted.

Central Research Institute of Unani Medicine (CRIUM), Hyderabad

Trial of the coded drug UNIM-763/A

Therapeutic efficacy of the coded drug UNIM-763/A was evaluated in eight cases of Kasrat-e-Shahmuddam (Hyperlipidemia) attending the OPD of the Institute. The drug was given in the dose of four capsules

(500 mg each) twice daily after meal for a period of 90 days. Out of the four cases two completed the trial and were completely relieved of all the signs and symptoms. Four cases dropped out of the study. Two cases were under study.

Comparative trial of the coded drugs UNIM-763/A and UNIM-764

Therapeutic efficacy of the coded drugs UNIM-763/A and UNIM-764 (a control drug) was compared in 18 cases of Kasrat-e-Shahmuddam (Hyperlipidemia) attending the OPD of the Institute. The cases were divided into two groups. In Group-I, UNIM-763/A was given in the dose of two capsules (500 mg each) twice daily whereas in Group-II, one capsule of UNIM-764 was given twice daily.

In Group-I, three cases completed the trial and showed no significant response whereas in Group-II all the five cases were under study. Ten cases dropped out of the study.

MUZMIN ZUBEH-E-SADARIA SABIT (CHRONIC STABLE ANGINA)

Evaluation of therapeutic efficacy of a combination of the coded drugs UNIM-754 + UNIM-755 + UNIM-756 + UNIM-757

Therapeutic efficacy of a combination of the coded drugs UNIM-754 + UNIM-755 + UNIM-756 + UNIM-757 was evaluated in 11 cases of Muzmin Zubeh-e-Sadaria Sabit (Chronic Stable Angina) attending the OPD of the Institute. The coded drug UNIM-754 was given in the dose of two tablets (500 mg each) twice daily along with 100 ml decoction of UNIM-755 early in the morning on empty stomach. Besides, three gm UNIM-756 was given twice daily after meal along with one capsule (500 mg) of UNIM-757 twice daily. The treatment was given for a period of 90 days.

Out of the 11 cases studied, one case completed the trial and was completely relieved, Five cases dropped out of the study whereas five cases were under study.

ZAGHTUDDAM QAWI (ESSENTIAL HYPERTENSION)

Therapeutic studies on Zaghtuddam Qawi (Essential Hypertension) continued at Central Research Institute of Unani Medicine (CRIUM), Hyderabad and Regional Research Institute of Unani Medicine (RRIUM), New Delhi. During the reporting period, following studies were conducted.

Central Research Institute of Unani Medicine (CRIUM), Hyderabad

Evaluation of the therapeutic efficacy of the coded drug UNIM- 901

Therapeutic efficacy of the coded drug UNIM-901 was evaluated in 13 cases of Zaghtuddam Qawi (Essential Hypertension) attending the OPD of the Institute. The drug UNIM- 901 was given in the dose of 500 mg twice daily for a period of three to six months.

Out of the 13 cases studied, 11 completed the trial. Six cases showed normalization of blood pressure levels, two showed partial control whereas three cases showed no response. One case was under study. One case dropped out of the study.

Regional Research Institute of Unani Medicine (RRIUM), New Delhi

Comparative clinical evaluation of the coded drugs UNIM-901, UNIM-902 and UNIM-903

Therapeutic efficacy of the coded drugs UNIM-901, UNIM-902 and UNIM-903 was compared in 47 cases of Zaghtuddam Qawi (Essential Hypertension) attending the OPD of Institute. In Group-I, UNIM-901 was given



in the dose of two tablets twice daily whereas in Group-II, UNIM-902 was given in the form of Majun in the dose of seven gram twice daily. In Group-III, UNIM-903 was also given in Majun form in the dose of seven gram twice daily. Out of the 47 cases treated, 35 completed the trial. Seventeen (48.6%) cases showed normalization in the blood pressure levels. Eight (22.9%) cases showed partial reduction in the blood pressure levels. Ten (28.6%) cases showed no response. Twelve cases dropped out of the study.

BUFFA (DANDRUFF)

Clinical Research Unit (CRU), Meerut

Comparative trial of the coded drugs UNIM-1451+UNIM-1452 and UNIM-1451+UNIM-1453

Therapeutic efficacy of the coded drugs UNIM-1451+ UNIM-1452 and UNIM-1451+UNIM-1453 was compared in 79 cases of Buffa (Dandruff) attending the OPD of the Unit. The cases were divided into two groups. In Group-I, UNIM-1451 along with UNIM-1453 was applied locally on the hair whereas in Group-II, UNIM-1451 and UNIM-1453 were applied locally. The drugs were used for a period of three weeks.

Out of the 40 cases treated in Group-I, 35 completed the trial. Thirty-one (88.6 %) showed complete remission whereas four (11.4 %) cases showed partial remission. Five cases dropped out of the study.

In Group-II, out of the 39 cases treated, 34 (87.2%) showed complete remission, one (2.6%) case showed partial remission whereas four (10.2%) cases showed no response. .

In both the groups itching, eruptions, laceration, crusty subsided completely.

Clinical Research Unit (CRU), Bangalore

Trial of the coded drugs UNIM-1451+UNIM-1452

Therapeutic efficacy of coded drugs UNIM-1451+ UNIM-1452 was evaluated in 30 cases of Buffa (Dandruff) attending the OPD of the Unit. The drug UNIM-1451 and UNIM- 1452 were applied locally for a period of three weeks.

Out of the 30 cases treated, 11 completed the trial. Four(36.3%) cases showed complete remission and seven (63.6%) partial remission. Five cases dropped out the study. Fourteen cases were under study.

Cosmetotherapeutic trials of Unani formulations

The Council conducted multicentric screening of some Unani cosmeto-therapeutic formulations based on the information collected from classical literature of Unani Medicine in different conditions including graying of hair, facial hyper-repigmentation, dandruff, lip cracks , baldness, skin fairness and skin cracks. During the reporting period following studies were conducted:

PREMATURE GRAYING OF HAIR

Preliminary screening of the coded drugs CT-I and CT-II

Preliminary screening of coded drugs CT-I and CT-II was done at Central Research Institute of Unani Medicine, Lucknow in cases of premature graying of hair with the objective of slowing the process of graying of hair. The cases were advised to apply the drug CT-I which was in the form of oil on the hair. CT-II was applied in the form of paste on the hair. Treatment was given for a period of three months.

Out of the 91 cases studied, 26 completed the study. Nine (34.6%) showed significant response whereas 17 (65.4%) cases showed no response. One case was under study. Sixty-four cases dropped out of the study.

FACIAL HYPERPIGMENTATION

Preliminary screening of the coded drugs CT-III and CT-IV

Preliminary screening of coded drug CT-III and CT-IV in cases of facial hyperpigmentation was conducted at Regional Research Institute of Unani Medicine, Aligarh and Clinical Research Unit, Allahabad. The patients were advised to apply CT-III and CT-IV in the form of face pack for a period of three months.

Out of the 102 cases studied, 96 completed the study. Forty-two (43.8%) showed significant response, 39 (40.6%) showed partial response whereas in 15 (15.6%) cases no response was achieved.

PIMPLES

Preliminary screening of the coded drug CT-VI and CT-VII

Preliminary screening of the coded drug CT-VI was conducted in cases of pimples attending the OPD of Central Research Institute of Unani Medicine, Lucknow and Regional Research Institute of Unani Medicine, New Delhi. The drug CT-VI and CT-VII were applied in the form of lotion for a period of three months.

Out of the 98 cases studied, 66 completed the study. Seven (10.6%) showed complete remission, 44 (66.7%) showed partial remission whereas 15 (22.7%) showed no response. Thirty-two cases dropped out of the study.

DANDRUFF

Preliminary screening of the coded drugs CT-VIII, CT-IX and CT-X

Preliminary screening of coded drugs CT-VIII, CT-IX and CT-X was done on cases of Dandruff attending the OPD of Regional Research Institute of Unani Medicine, Chennai, Research Institute of Unani Medicine, Aligarh and Clinical Research Unit, Allahabad. The drug CT-VIII was used in the form of powder for washing of hair whereas the drugs CT-IX and CT-X were applied in the form of lotion. The treatment was given for a period of three months.

Out of the 159 cases studied, 132 completed the study. Forty-one (31.1%) showed complete remission, 63 (47.7%) showed partial remission whereas 28 (21.2%) showed no response. Twenty-seven cases dropped out of the study.

LIP CRACKS

Preliminary screening of the coded drug CT-XI

Preliminary screening of the coded drug CT-XI was done in cases of lip cracks attending the OPD of Central Research Institute of Unani Medicine, Lucknow and Regional Research Institute of Unani Medicine, New Delhi. The patients were advised to apply the coded drug CT-XI on lips at bed time for a period of three months.

Out of the 41 cases studied, 37 completed the study. Nine (24.3%) cases showed complete remission, 15 (40.6%) partial remission whereas 13 (35.1%) cases showed no response. Four cases dropped out of the study.



PREMATURE BALDNESS

Preliminary screening of coded drug CT-XII & CT-XIII

Preliminary screening of the coded drug CT-XII and CT-XIII was done in cases of premature baldness attending the OPD of Regional Research Institute of Unani Medicine, Chennai and Aligarh. The drugs CT-XII and CT-XIII were applied locally on the hair for a period of three months.

Out of the 72 cases studied, 61 completed the study. Nineteen (31.1%) cases showed significant response, 20 (32.8%) partial response whereas 22 (36.1%) cases showed no response. Eleven cases dropped out of the study.

DARKNESS OF SKIN

Preliminary screening of the coded drug CT-XIV and CT-XV

Preliminary screening of the coded drugs CT-XIV and CT-XV to evaluate their skin fairness potential was done in dark skinned subjects attending the OPD of Regional Research Institute of Unani Medicine, New Delhi and Central Research Institute of Unani Medicine, Lucknow. The drug CT-XIV was applied in the form of paste whereas CT-XV was used as lotion for application on the face for a period of three months.

Out of the 84 cases studied, 44 completed the study. Four (9.1%) cases showed significant response, eight (18.2%) cases showed partial response whereas in 32 (72.7%) cases showed no response. Forty cases dropped out of the study.

Evaluation of immunomodulatory effect of Unani drugs as health and vitality promoters in the aged

This project was sponsored by World Health Organization (WHO) and continued at the Central Research Institute of Hyderabad and Regional Research Institute of Unani Medicine (RRIUM), Chennai and RRIUM, New Delhi. During the reporting period immunomodulatory effects of the coded drugs AS, BS and CS were evaluated along with a module of a daily activities in the aged persons. During the reporting period 124 subjects were studied. Out of these, 74 completed the study. Significant improvement in the quality of life of these subjects was observed. Twenty-seven cases dropped out of the study where as 23 cases were under study.

DEVELOPMENT OF UNANI GALACTOGOGUE

Trial of a coded Unani galactagogue MH-18 continued at the extension counter of CRIUM, Hyderabad at Nizamia Tibbia College, Hyderabad. During the reporting period counselling of 676 lactating mothers was done. Out of these, 26 subjects fulfilling the criteria for the study were enrolled. Nine old subjects continued from the previous year bringing a total of 35 subjects studied during the reporting period. These subjects were given the coded drug MH-18 in the form of powder 10 gm daily for a period of three months after the three months of the delivery. Thereafter, the cases were followed up for another three months without the use of the drug. It was observed that there was significant effect of the drug in enhancing the period of lactation from three months to six months in 70% of the subjects. The amount of secretion of milk also improved. Even after stopping the drug intake after six months, 30% of the subjects continued to lactate upto the tenth month of the delivery. One of the important aspects of this drug was the occurrence of sickness among the new born and the mother was negligible indicating the immunomodulatory effect of the drug.

PHARMACOLOGICAL STUDIES

Pharmacological studies on the drugs under clinical evaluation continued at the Regional Research Institute of Unani Medicine (RRIUM), Aligarh and RRIUM, Srinagar. During the reporting period following studies were conducted.

Regional Research Institute of Unani Medicine (RRIUM), Aligarh

Sub-acute toxicity study of the coded Unani drug UNIM-903 for essential hypertension

The Unani coded drug UNIM-903, in the form of Majoon was administered to experimental animals as such by triturating it in distilled water bath. This study was conducted on albino rats of either sex weighing around 100 g. The rats were divided into three groups of six rats each. One group served as normal control and was fed distilled water daily for 28 days. The other two groups were given orally the test of the drug at doses of 3g/kg and 10g/kg (UNIM-903). Blood samples of all the animals were collected from retro-orbital vein and they were then sacrificed to excise out the organs, heart, liver, spleen and kidney. Certain hematological and biochemical estimations were carried out in the blood samples and organ to body weight ratio was determined. The data obtained were analyzed statistically to establish the significance of the findings.

The liver and renal function tests along with the hematopoietical function tests revealed the following facts. The levels of SGOT, SGPT and Serum alkaline phosphates of the drug treated animals did not undergo any significant deviation from those of the normal ones. The findings of the hematological test also showed no significant changes in the hemoglobin, TLC, DLC, levels and in the polymorph and lymphocyte counts of the drug treated animals as compared to the normal ones. The variation in relative organ to body weight ratio of the drug treated rats was found to be statistically insignificant as compared to that of the normal rats.

Acute and sub-acute toxicity study of the coded Unani drug UNIM-210 for Diabetes mellitus

Aqueous extract of the coded drug UNIM-210 was fed to the animals at dose levels of 1g/kg, 3g/kg and 10g/kg. The animals were watched closely for the first six hours, and mortality, if any, was recorded at the end of 24 hours.

Acute toxicity study of the coded drug UNIM-210

Observations on the animals fed with the coded drug UNIM-210 upto 10g/kg revealed that the drug was safe upto this dose level for short time treatment as all the animals remained perfectly normal with no untoward signs and symptoms during the whole observation period and there was no overnight mortality. It was therefore, inferred that the drug had no acute toxic effects.

Sub-acute toxicity study of the coded drug UNIM-210

The liver function tests conducted on the blood samples of the drug treated animals showed no significant changes in SGOT, SGPT and S. alkaline phosphates over those of the normal animals. The renal function tests of the drug treated animals showed that the variations in the levels of serum urea and serum creatinine were statistically insignificant. Similar were the findings of the hematological function tests where the variation in Hb%, ESR, TLC, DLC of the drug treated animals remained statistically insignificant as compared to the normal animals. The relative organ to body weight ratio of the drug treated animals underwent no significant changes as compared to that of the normal animals. All these findings indicate that UNIM-210 possesses no toxicity upto a dose level of 3g/kg when fed regularly for four weeks.



Regional Research Institute of Unani Medicine (RRIUM), Srinagar

Acute and sub-acute toxicity studies on UNIM-401

The studies on the polyherbal coded formulation UNIM-401 supplied to the Institute from the Council's Headquarters continued from the previous year.

These studies were conducted on female and male albino rats. Animals were divided into five sets of seven animals each.

- Set I – Control male
- Set II – Control female
- Set III – Treated male
- Set IV – Treated female
- Set V – Treated female

In Set III to V, the coded formulation UNIM-401 dissolved in distilled water was given to the rats orally for six months in the dose of 20mg/kg body weight. Experimental rats did not show any untoward symptoms. They remained healthy and gained weight normally as was evident from the weight chart maintained. The animals were maintained at 20-26°C with 12:00 hr light-dark schedule and had food and water at libitum. The rats were sacrificed after six months and liver, brain and kidney were removed. The blood was collected from the neck vein. Different biochemical parameters which are indicative of tissue damage (of any type) viz. GOT, GPT, alkaline and acid phosphatase, along with protein, albumin, urea, BUN, calcium, sugar and Hb were studied in serum, liver, brain and kidney of treated as well as control animals.

The results obtained were analyzed statistically and were not found significantly different from the control values. Therefore it can be safely said that the drug is safe to vital organs.

Acute and sub-acute toxicity studies on UNIM-051

The drug UNIM-051 is a coded formulation prepared at DSRU, RRIUM, Srinagar after collecting the raw material as directed by the headquarters. The main ingredient of the drug was *Iris ensata*.

Alcoholic extract and hydroalcoholic extract of UNIM-051 were given to the female albino rats in the single dose of 2000mg/kg body weight. Animals were sacrificed after 14 days of the treatment. No mortality was observed at this dose which indicates that LD 50 of the extract should be more than 2000mg/kg. Animals were sacrificed by collecting blood from neck vein and important tissues were removed. Results have shown that acid phosphatase and alkaline phosphatase significantly raised in brain and kidney of animals while in serum and liver they were not significantly different from the control values. Activity of GOT, GPT have were found significantly different from the control values of serum, liver, brain and kidney.

Acute and sub-acute toxicity studies on UNIM-052

As directed two different samples of the coded drug were prepared using *Lavendulla officinalis* and *Prunelia vulgaris* as main ingredient.

Animal studies on UNIM-052 were conducted on female albino rats. Hydroalcoholic extract of both the samples was used and given to the rats in single dose of 2000mg/kg body weight (maximum permissible dose which can be given to the albino rat orally as per the OECD guidelines). The animals were sacrificed after 14 days of the treatment. Blood was collected from the neck vein and organs were removed. Results are summarized as under:-

Sample I (with *Prunella vulgaris*)

Acid phosphatase was found raised significantly in serum, liver, brain and kidney. Alkaline phosphatase also increased in serum, brain and kidney. GOT actively got raised in brain and kidney but remained changed insignificantly in serum and liver of the rats whereas GPT activity did not change significantly from control values in serum, brain and kidney of experimental rats.

Sample II (with *Lavendula officinalis*)

Activity of acid and alkaline phosphatases was found increased in brain and kidney of rats while remained statistically insignificantly changed from control values in serum and liver of rats. SGOT activity got raised in serum but remained unchanged in liver, brain and kidney. SGPT activity was found raised in serum and liver of experimental animals but remained insignificantly changed in brain and kidney tissues.

No mortality was observed in either case concluding thereof that LD50 of either sample should be more than 2000mg/kg body weight orally.

RESEARCH ON FUNDAMENTAL ASPECTS OF UNANI MEDICINE

THEORY OF AKHLAT (HUMOURS) PROJECT

The objective of the project is to test scientifically the concept of Akhlat (Humours) and its relevance to the states of health and diseases. This project is being undertaken at the Central Research Institute of Unani Medicine (CRIUM), Hyderabad.

The project aims at studying the clinical, physiological, pathological and bio-chemical parameters of subjects of different temperaments and establishing scientifically the correlation between them. During the reporting period assessment of temperament of 3457 patients attending the OPD of CRIUM, Hyderabad was done. These included 3270 patients of Bars, 114 of Sinusitis, nine of Chronic Stable Angina, two of hyperlipidemia, 35 of essential hypertension, nine of Diabetes mellitus, 11 of Psoriasis and seven asymptomatic Hepatitis B carriers. In these cases susceptibility of acquiring diseases in relation to the different temperaments of the patients was studied. An interim analysis of the data revealed that patients of Balghami temperament (64.5%) were more susceptible to Bars (Vitiligo) followed by Damavi temperament (30.2%). Persons of Saudavi temperament were least susceptible to Bars. Similarly in sinusitis, persons of Balghami temperament were most susceptible (64%). In essential hypertension persons of Damvi temperament were more affected. In Chronic Stable Angina, Damvi temperament persons dominated.

Physiological studies were also conducted in cases of essential hypertension and Diabetes mellitus where a number of physiological parameters such as Pulmonary function (PEFR), Bicycle ergometry, Electrocardiography, Anthropometric measurements, Hand grip and other related tests such as, Skin fold thickness, Lung Function, Blood Velocity were studied. Response to the treatment in relation to the temperament of the patients correlating the clinical and physiological parameters were also studied.

VALIDATION OF REGIMENTAL THERAPIES OF UNANI MEDICINE

Apart from the simple physical and clinical methods to treat the diseases Unani Medicine also offers regimental therapies such as Hajamat (cupping), Qai (vomiting), Riyazat (exercise), Taleeq (leeching) etc. for certain conditions. The Council plans to scientifically establish the relevance of these therapies in successfully combating various chronic diseases.

The Council initiated validation of various regimental therapies in different disease conditions for developing Standard Operating Procedures (SOPs) for these therapies. Initially, the work started on Hajamat (Cupping)

at Central Research Institute of Unani Medicine, Lucknow and RRIUM, New Delhi where the patients of Wajaul Mafasil with different joint involvements were subjected to Hajamat (cupping). During the reporting period beneficial effects of this technique were evaluated in 60 cases. These cases were of chronic nature with different joints involvement. Three consecutive applications of cupping were done at regular intervals. Out of the 60 cases studied, 42 (70.0%) responded to the therapy. In these cases there was significant reduction in the tenderness and swelling. Pain also subsided significantly. Eighteen cases showed no response. This therapy was found to be effective in diverging the morbid material from the affected parts.

RESEARCH-ORIENTED HEALTHCARE PROGRAMMES

GENERAL OUT-PATIENT DEPARTMENT (GOPD) PROGRAMME

The GOPD programme of the Council aims at conducting observational research on different new Unani therapeutics with a view to validating their efficacy. The Council developed a kit of 24 drugs prepared from commonly available drugs/household condiments for treatment of common/seasonal diseases. These drugs are being prescribed in the treatment of various diseases in the patients attending the General OPD at the Council's centres. During the reporting period the GOPD programme continued at 16 centres of the Council. These included Central Research Institute of Unani Medicine (CRIUM), Hyderabad and CRIUM, Lucknow, Regional Research Institute of Unani Medicine at Chennai, Bhadrak, Patna, Aligarh, Srinagar, Mumbai, Kolkata and New Delhi, Regional Research Centre, Silchar and Clinical Research Units at Allahabad, Burhanpur, Meerut, Edathala and Bangalore. During the reporting period 167939 new patients were registered. Out of these, 79454 patients were male and 88485 were female beneficiaries. Fifteen thousand two hundred and seventy patients were from the SC population and 1711 from the ST population. The clinical attendance of old patients was 215339 and the overall total clinical attendance of new and old patients at these OPDs was 383278. Besides, 7549 cases referred to for research studies in different diseases were selected from these OPDs. The drugs prescribed for the treatment of different disease conditions included the following.

Names of Kit Medicines	Indications	Form	Dosage	Duration of Treatment	Rate of Efficacy
1. Capsule Mubarak	Humma (Pyrexia)	Capsule (500 mg)	2 Capsules thrice a day	3-5 days	80%
2. Capsule Nazla	Nazla (Cattra)	Capsule (500 mg)	2 Capsules thrice a day	3-5 days	80%
3. Capsule Tinkar	Qabz Yaseer (Constipation)	Capsule (500 mg)	2 Capsules thrice a day	3 days	90%
4. Capsule Habis	Nazfuddam (Haemorrhage-Epistaxis) Nakseer (Ruaf)	Capsule (250 mg)	2 Capsules twice a day	3-5 days	80%
5. Capsule Hudar	Wajaul Mafasil (Rheumatoid arthritis)	Capsule (125 mg)	2 Capsules twice a day	3 weeks	70%
6. Capsule Siras	Suda (Headache)	Capsule (500 mg)	1 to 2 Capsules 3 times a day	2 days	70%

Names of Kit Medicines	Indications	Form	Dosage	Duration of Treatment	Rate of Efficacy
7. Capsule Musaffi	Fasad-ud-Dam (Impurity of blood)	Capsule (500 mg)	1 to 2 Capsules 3 times a day	2-3 weeks	70%
8. Qurs Shifa	Waja-ul-Azlat and Humma (Pyrexia)	Tablet (125 mg)	1 to 2 Tablets thrice a day	1-2 days	70%
9. Qurs Surfa	Sual (Cough)	Tablet (500 mg)	2 Tablets thrice a day	2-5 days	70-80%
10. Qurs Bel	Ishal (Diarrhoea) and Zaheer (Dysentery)	Tablet (500 mg)	2 Tablets thrice a day	2-3 days 2-3 weeks	90%
11. Qurs Zahar Mohra	Su-e-Hazm (Indigestion)	Tablet (250 mg)	2 Tablets thrice a day	2-3 days	70%
12. Qurs Haiza	Haiza (Cholera)	Tablet (250 mg)	2 Tablets thrice a day	3-5 days	80%
13. Qurs Mafasil	Waja-ul-Mafasil (Rheumatoid arthritis)	Tablet (500 mg)	2 Tablets twice a day	3-4 weeks	70%
14. Qurs Musaffi	Jarb-o-Hikkah (Scabies)	Tablet (500 mg)	2 Tablets thrice a day	1-2 weeks	70%
15. Habb-e-Taskeen	Waja-ul-Badan (Body-ache)	Pill (125 mg)	1 to 2 pills in a day	2 days	90%
16. Sufoof-e-Hazim	Su-e-Hazm (Indigestion)	Powder	2 to 6 gm. twice a day	1 week	70%
17. Zuroor-e-Qula	Qula (Stomatitis)	Powder	Sprinkle a pinch on tongue when required	1-2 weeks	90%
18. Marham-e-Kharish	Jarb-o-Hikkah (Scabies)	Ointment	Apply locally	one week	70%
19. Marham-e-Ral	Busoor-o-Khuraj (Boils & Fruncles)	Ointment	Apply locally	1-2 weeks	80%
20. Arq-e-Ajeeb	Waja-ul-Meda (Spasmodic pain), Haiza (Cholera) and Suda (Headache)	Liquid	2 to 5 drops in sufficient water. In case of insect bite and headache, a small quantity of liquid may be applied on the affected part.	one day	90%

Names of Kit Medicines	Indications	Form	Dosage	Duration of Treatment	Rate of Efficacy
21. Raughan-e-Kamila	Jarb-o-Hikkah, (Boil & Scabies) and Sailan-ul-Uzn (Otorrhoea)	Oil	External use only. In case of otorrhoea instil 2-3 drops in the ear twice a day	One week	80%
22. Raughan-e-Surkh	Waja-ul-Mafasil (Rheumatoid arthritis)	Oil	For external use only	3-4 weeks	80%
23. Qutoor-e-Ramad	Ramad (Conjunctivitis)	Liquid	Instil 2 drops in the eye	2-3 days	90%
24. Sunoon Katha	Waja-ul-Asnan (Toothache)	Powder	Apply as a tooth powder	3-4 days	80%

These drugs are not only being prescribed for the treatment of common ailments at the Council's GOPDs but are now being commercially exploited through National Research Development Corporation (NRDC) for use in some of the State Government Hospitals (OPDs).

MOBILE CLINICAL RESEARCH PROGRAMME

The mobile clinical research programme of the Council aims at improving the health status of the population in rural areas/urban slums and pockets inhabited by under-privileged sections of the society. Under this programme, such rural areas/urban slums and pockets that are predominantly inhabited by Scheduled Caste/Scheduled Tribe population with no medical facility are covered. The Council's physicians associated with the Mobile Clinical Research Programme visit the adopted pockets at regular intervals and provides medicare through Unani Medicine to the suffering population near to their door steps. Besides, health awareness is created among the population under coverage particularly the females through health lectures by the visiting physicians and social workers on the preventive, promotive and curative health aspects. Details of the pockets covered under this programme by the Institutes/Units under the Council are as follows:

Name of the Institutes/Units	Name of village covered
Central Research Institute of Unani Medicine, Hyderabad	Anjaiah Nagar, Chinnamanglaram and Palmakula
Central Research Institute of Unani Medicine, Lucknow	Din Dayal Puram
Regional Research Institute of Unani Medicine, Chennai	Bharti Nagar and Annai Sivagi Nagar
Regional Research Institute of Unani Medicine, Bhadrak	Pani Kholi and Peerhut
Regional Research Institute of Unani Medicine, Patna	Moryanwan, Biddupur, Maner Tilpa, Sai, Amarpura and Khajari

Name of the Institutes/Units	Name of village covered
Regional Research Institute of Unani Medicine, Srinagar	Takanwari and Palapora
Regional Research Institute of Unani Medicine, Mumbai	Govandi and Shivaji Nagar
Regional Research Institute of Unani Medicine, Kolkata	Cossipur and Rathala
Regional Research Institute of Unani Medicine, New Delhi	Shastri Park and Nizam Nagar
Regional Research Institute of Unani Medicine, Aligarh	Bharatpur, Badhon, Hirpur Husainpur and Nahra
Clinical Research Unit, Allahabad	Jhalwa
Clinical Research Unit, Burhanpur	Shahpur and Tainapur

This programme continued at the above 12 centres of the Council. During the reporting period a total population of 425839 including 159498 persons belonging to Scheduled Castes and 3840 persons belonging to Scheduled Tribes was covered. A total of 785 mobile visits were made to these adopted pockets to conduct the mobile OPD. A total of 31595 new patients were registered. The clinical attendance of old patients was 27977. Research cases of Filariasis, Kala Azar, Rheumatoid Arthritis, Vitiligo and Bronchial Asthma were referred to the Council's research centres. Seventy cases were referred to other hospitals. In the treatment of different diseases in the mobile OPD, the kit medicines developed by the Council proved to be an effective tool in the management of common/seasonal disorders.

SCHOOL HEALTH PROGRAMME

School health programme is another important component of the clinical research programme. The objective of this programme is to raise the health status of school children and reduce the morbidity rate among school children through health care and health education. Under this programme, some of the primary/secondary schools falling under coverage of mobile wings are adopted. A base line health check-up of school children is conducted and those found suffering from any ailment are treated with the Unani kit medicines. Thereafter, health education is imparted to the school children through lectures on different preventive, promotive and curative health aspects. The children are also educated about the potentialities of the common available plants in their vicinity for the management of different diseases. Specific lectures are given particularly on oral hygiene, cleanliness of body and environment, safe drinking water, nutrition, balanced diets etc.

During the reporting period, this programme continued at Central Research Institute of Unani Medicine, Hyderabad, Regional Research Institutes of Unani Medicine at Chennai, Bhadrak, Patna, Aligarh, Srinagar and Mumbai and Clinical Research Unit, Burhanpur. A total of 10090 school children were covered in 32 schools. In all, 143 visits were made to these schools. During these visits regular health check-up of school children was conducted and health lectures were delivered. Seven thousand two hundred and three children were checked up during these visits. Out of these, 4841 children were found suffering from different common ailments, and were treated with Unani kit medicines. This programme proved very effective in creating health awareness not only among the school children but also the message went to the family thorough the child. The most common diseases found among the school children included skin infections, helminthiasis,



otorrohea, cough and cold, conjunctivitis and dental carries. A significant reduction in the incidence of these diseases among the children was observed during the reporting period.

UNANI TREATMENT-CUM-SPECIALITY CENTRE AT DR. RAM MANOHAR LOHIA HOSPITAL, NEW DELHI

A Unani treatment centre was opened at the Capital's Dr. Ram Manohar Lohia Hospital on January 14, 1998. The centre, run by the Central Council for Research in Unani Medicine (CCRUM), was set up by the then Department of Indian Systems of Medicine & Homoeopathy of the Union Ministry of Health & Family Welfare in accordance with a decision of the Ministry to introduce Indian Systems of Medicine in the Central Government's hospitals in the city.

Besides the general out patient department (GOPD) facilities, the centre also provides services of leading specialists of Unani Medicine for the treatment of some selected disorders like vitiligo, eczema, psoriasis, rheumatoid arthritis, bronchial asthma, sinusitis, infective hepatitis, diabetes mellitus, etc. for which the Unani system offers successful treatment.

During the reporting period, a total of 25719 new patients were registered. The clinical attendance of old patients was 30921. The total clinical attendance was 56640. A large number of patients were referred to from modern hospitals particularly for treatment of chronic ailments such as Sinusitis, Infective hepatitis, Rheumatoid and Osteo arthritis, Diabetes mellitus and Hypertension besides the cases of common/seasonal ailments. For the treatment of different diseases the Council's kit medicines and also classical medicines were prescribed. Senior citizens were the main beneficiary. Apart from providing medicare, counseling of patients particularly the senior citizens was also done to improve their physical and mental health.

FACILITIES FOR WOMEN UNDER GENDER COMPONENT PLAN

The Council continued research and treatment facilities for women under gender component plan. Treatment facilities were made available at all clinical centres of the Council for females. Besides, female patients in the pockets adopted under mobile clinical research programme were also treated by the physicians in the mobile OPD. During the reporting period a total of 106664 female patients were treated for common ailments at different centres of the Council besides specific research studies on diseases including leucorrhoea, menorrhagea, dysmenorrhoea, anaemia and osteoporosis were also conducted in female patients.

ACTIVITY IN THE NORTH EASTERN REGION

The only centre of the Council in the North-Eastern region, the Regional Research Centre of Unani Medicine, Silchar with an extended arm at Karimganj continued the OPD located at S. M. Dev Civil Hospital, Silchar. This centre continued the GOPD programme at Silchar and Karimganj. During the reporting period 7158 new cases were registered. The total clinical attendance at this centre was 11332. Most of the cases were of waterborne diseases including diarrhoea, dysentery. Besides, a large number of cases of malaria were also treated with the drug UNIM-152 developed by the Council.

COLLABORATIONS

Besides, intramural research projects allotted to different centres, the Council is also working in collaboration with other scientific organizations in different areas of research. During the reporting period following collaborative studies continued.

(i) Development of bio-active molecules in Unani formulations

The Council had signed an MoU with the CSIR in March 2000, that was renewed in May 2005 to work with the CSIR through its various laboratories in collaborative manner to develop viable bio-active molecules and to establish standardization procedures and improve processing and preserving techniques applicable to Unani drugs. Collaborative studies continued on different Unani formulations in various laboratories of the CSIR. During the reporting period studies on 54 drugs continued. Some of the Unani drugs showed hepatoprotective, antileishmanial and hepatoprotective effects. Further studies are in progress.

(ii) Collaborative study on Bronchial Asthma at Vallabh Bhai Patel Chest Institute, New Delhi

The Council signed another MoU with Vallabh Bhai Patel Chest Institute, New Delhi in the year 2004 to undertake collaborative study on Bronchial Asthma. Under this agreement, efficacy of a coded Unani polyherbal formulation UNIM-352 was evaluated in patients of Bronchial Asthma attending the OPD of Vallabh Bhai Patel Chest Institute, New Delhi fulfilling the criteria. The trial was a randomized single blind design, placebo controlled study. Both the drug and the placebo were provided by the Council in a codified form. During the reporting period, 40 patients were studied. An interim analysis of data shows that there was improvement in clinical symptoms, tightness in chest and difficulty in breathing in the patients receiving the test drug as compared to the placebo. Spirometry data showed that the FEV1 was more in the test drug treated group than that of the placebo. The frequency of use of emergency bronchodilators viz. levosalbutamol inhaler, were appreciably lower in the test drug group as compared to the placebo group. Biochemical assay of blood samples showed that liver function test parameters like SGOT, SGPT, bilirubin, alkaline phosphatase, and kidney function markers like urea and creatinine functions, were not significantly different in the test drug and placebo treated groups. No other general parameter, like body weight, food intake, body temperature, etc. was influenced to any appreciable extent by UNIM-352 in both the groups of asthma patients. This indicated good tolerability of UNIM-352 in this study.

Taken together, the data of the ongoing pilot study revealed that UNIM-352 has potential effects of the existing anti-asthma drug therapy. It is also safe as no untoward events were reported.

Collaborative study in Infective Hepatitis at Lady Hardinge Medical College, New Delhi

The Council signed an MoU with the Department of Pharmacology for collaborative studies in Infective hepatitis in the year 2007. Controlled trial of a Unani formulation UNIM-1000 was conducted with the standard drug in HCV positive patients attending the OPD of Lady Hardinge Medical College, New Delhi. During the reporting period 66 subjects were enrolled in the two groups. Forty patients were enrolled in Group-A and 26 in Group-B. In Group-A out of the 40 patients six completed the study and 24 were under treatment. Ten cases dropped out of the study. In Group-B, out of the 26 patients enrolled, six completed the study, 14 patients were under treatment and six patients dropped out.

Collaborative study on acute Viral Hepatitis and Peptic Ulcer at Deccan Medical College, Hyderabad

The Council signed an MoU with Centre of Liver Diseases and Diagnostics, Deccan College of Medical Sciences and Allied Hospitals, Hyderabad in the year 2006 to undertake collaborative studies on acute viral hepatitis and duodenal ulcer. Under this MoU trial of a coded Unani polyherbal formulation, UNIM-115 continued in acute viral hepatitis patients. During the reporting period 48 cases were enrolled whereas two cases continued from the previous year bringing the total to 50 cases studied during the reporting period. Out of the 50 cases, 36 completed the trial, three cases were under study and 11 cases dropped out. Fourteen cases were positive for HBsAg (acute), 24 for Anti HEV and 12 for Anti HAV markers. Significant improvement of the bio-chemical parameters was observed in all the 36 cases who responded to the treatment.



Clinical trial of a coded polyherbal Unani formulation, UNIM-701 continued in cases of duodenal ulcer attending the OPD of the Owaisi Hospital and Research Centre. During the reporting period, 17 new cases were registered whereas two cases continued from the previous year bringing the total to 19 cases studied during the reporting period. Eleven cases responded to the treatment. In these cases all the signs and symptoms subsided completely. Three cases were under study. Four cases dropped out of the study.

PATENTING OF DRUGS

During the period under report the Council finalized various therapeutic regimens as also herbal tea and herbal biscuits. To safeguard the process and technology, application for the following patents were filed.

- Novel Unani composition for enhancing lactation in the form of biscuits.
- Novel Unani composition for rejuvenation in the form of Unani herbal tea.
- Novel Unani composition for the treatment of sinusitis.
- Novel Unani composition for the treatment of eczema (oral drug in the form of capsule).
- Novel Unani composition for the treatment of eczema (local application drug in the form of oil).

EXTRA-MURAL RESEARCH SCHEME

The Department of AYUSH has introduced a Scheme for Extra-mural Research (EMR) in addition to the intra-mural research undertaken by the Research Councils for Ayurveda and Siddha, Unani, Homoeopathy and Yoga and Naturopathy set up by the Ministry of Health and Family Welfare three decades ago. The off-take and output from this scheme has so far been limited and has yet to meet the standards for scientific enquiry and outcome effectively. The Department has taken up a series of programs/interventions wherein evidence based support for the efficacy claims is needed. Safety, quality control and consistency of products are also very much required. The objectives of the EMR scheme are:-

- Development of Research and Development (R & D) based AYUSH drugs for prioritized diseases;
- To generate data on safety, standardization and quality control for AYUSH products and practices;
- To develop evidence based support on the efficacy of AYUSH drugs and therapies;
- To encourage research on classical texts and investigate fundamental principles of AYUSH Systems;
- To generate data on heavy metals, pesticide residues, microbial load, safety/toxicity etc. in the raw drugs and finished Ayurveda, Siddha, Unani and Homoeopathy drugs;
- To develop AYUSH products having Intellectual Property Rights (IPR) potential for increasing AYUSH exports;
- To develop the potential Human Resource in AYUSH systems, especially to inculcate scientific aptitude and expertise relating to AYUSH systems;
- To develop joint research venture among the AYUSH Department and other Organizations/Institutes.

The EMR scheme was later transferred to respective research Councils and these Councils were declared as Directorates for the EMR schemes. For the EMR schemes related to Unani Medicine, Central Council for Research in Unani Medicine is designated secretariat for evaluation of projects and their monitoring whereas the financial part is taken care of by the Department of AYUSH.

During the year 2007-08, more than a hundred projects were evaluated and revised and out of these projects the following ones were approved by the Screening Committee chaired by Secretary, Department of AYUSH for financial support.

S.No.	Title of the Project	Investigator and Institutions
1.	SCAR Markers (DNA finger prints) for Authentication of Medicinal Herbs used in Unani Formulations	Dr. M.Z. Abdin, Centre for Transgenic Plant Development, Department of Biotechnology, Jamia Hamdard, New Delhi
2.	Clinical Trial of a Unani formulation in the patients of Menorrhagia in Reproduction age group	Prof. (Mrs.) Qamar A. Kazmi, Department of Qabalat-wa-Amraz-e-Niswan, A.K. Tibbia College, Aligarh Muslim University, Aligarh
3.	Study of some Unani Compound drugs in experimentally induced Hepatitis like condition with an aim to explore their protective, curative and regenerative potential	Prof. Naeem Ahmed Khan, Aligarh Muslim University, Aligarh
4.	Hepato-protective efficacy of few Unani Medicine	Dr. (Mrs.) Sangeeta Shukla, Jiwaji University, Gwalior
5.	Studies on the prevention of Parkinson's disease by some Unani drugs in Animals.	Dr. Fakhrul Islam, Jamia Hamdard, New Delhi
6.	Screening and Scientific evaluation of hypoglycemic effects of some Unani Drugs in Streptozotocin-induced diabetic rats	Dr. D.S. Arya, All India Institute of Medical Sciences, New Delhi
7.	Screening and purification of plant extracts used in Unani system of medicine against microbial flora of oral cavity: antimicrobial and carcinogenic activity	Dr. Asadullah Khan, Aligarh Muslim University, Aligarh
8.	A Comparative study of New Unani formulation with Majoon Suranjan against experimental Arthritis	Dr. Haider A. Khan, Jamia Hamdard, New Delhi.
9.	Protective effects of Unani drugs against Liver toxicity	Dr. Sarwat Sultana, Jamia Hamdard, New Delhi
10.	Isolation and purification of active compounds with anti-leishmanial activity of Unani Medicinal Plants	Dr. Sarman Singh, Department of Clinical Microbiology, All India Institute of Medical Sciences, New Delhi

During 2007-08 the following EMR projects were completed.

Title of the Project	Role of Certain Unani Medicines in the Prevention of Alzheimer's Disease
Institution	Department of Toxicology, Jamia Hamdard, Hamdard Nagar, New Delhi
Summary	In this study, Unani medicines such as Majoon Khidra, Majoon Azaraqui, M. Baladur, Khamira Abresham Ood Mastagi Wala, Khamira Gaozaban Ambari, and Khamira Abresham Arshadi were used to study their protective effects in Alzheimer's disease in animal model rats. It was observed that these Unani medicines had protected the Alzheimer's disease in animals. Our data on the basis of behavioural activity of the animals and biochemical estimation/analysis suggest that these medicines may be used as a preventive measure for the mild cognitive patients in humans.



Title of the project	A critical edition of Ikhtiyarat-e-Qasmi and its Urdu translation
Institution	Department of Pharmacology, V. P. Chest Institute, University of Delhi, Delhi.
Summary	Under this project, a critical Urdu edition of a classical book of Unani Medicine known as <i>Ikhtiyarat-e-Qasmi</i> was prepared. The book is considered to be one of the most important books on Unani Medicine written in India in Persian language. Original copy of this is very rarely available which comprises of Ayurvedic and Unani systems of medicine describing 683 herbs in addition to other descriptions. Moreover, several manuscript copies of this book from different locations and materials relating to the life and work of the author were collected.

The progress of work in the EMR projects that continued during 2007-08 is recorded below.

Title of the project	Studies on the possible mechanisms of action of UNIM-352 – a polyherbal, Unani anti-asthmatic preparation in experimental animals
Institution	Jamia Hamdard, New Delhi
Objectives	<ol style="list-style-type: none"> To study the anti-inflammatory and immunomodulatory effects of UNIM-352 in experimental animals, by evaluating its effects on standard markers of inflammation and immunity in vitro and in vivo. <ol style="list-style-type: none"> Active and passive anaphylaxis in rats Pro-and anti-inflammatory cytokines (TNF alpha and IL-4) To study the effects of UNIM-352 on bronchial hyperreactivity <ol style="list-style-type: none"> On isolated Guinea pig tracheal chain preparation. Modification of the effects of spasmogens like histamine and bradykinin To study the effects of UNIM-352 on oxidative and nitrosative stress markers <ol style="list-style-type: none"> Lipid peroxidation Anti-oxidant enzyme profile Total anti-oxidant activity Nitric Oxide metabolites

Title of the project	Evaluation and standardization of Unani medicines as metabolic interceptors of epileptogenesis for the treatment of epilepsy
Institution	Department of Pharmaceutics, Faculty of Pharmacy, Jamia Hamdard, New Delhi.
Objectives	<ol style="list-style-type: none"> To study the effect of Unani herb fractions and their compounds in animal model of epilepsy (electrically induced) and to compare it with established antiepileptic drugs. To evaluate the neuropharmacological profile i.e. effects on mood, memory and anxiety of the plant extracts and to compare it with established anticipated drugs. To assess the changes in brain tissue with histopathological examinations. To evaluate the clinical efficacy of selected Unani medicine in the treatment of epilepsy. To perform clinical studies with optimized final preparation. To explore the patentability of the final formulations.

Title of the project	A study in relation to Blood Groups and four temperaments
Institution	Jamia Hamdard, Hamdard Nagar, New Delhi
Objectives	<ol style="list-style-type: none"> 1. To assess and determine the distribution of individuals with A+ve blood group. 2. To dermine if any correlation between individuals possessing sanguineous temperament and blood group A+.

Title of the project	Evaluation and standardization of Unani herbs for the treatment of vaginal and reproductive and infections and developing a herbal bioadhesive vaginal drug delivery system
Institution	Jamia Hamdard, Hamdard Nagar, New Delhi
Objectives	<ol style="list-style-type: none"> 1. Standardization of Unani medicines. <ul style="list-style-type: none"> ▪ Identification by HPTLC ▪ Quantitative Analysis by HPTLC ▪ HPTLC Method development for the herbs ▪ HPTLC Method development for the combined formulation ▪ Development of a novel herbal bioadhesive, long acting, sustained release, acid-buffering dispersing vaginal tablets for vaginal infections. ▪ Evaluation of different ratios of bioadhesive polymers, excipients, alone and in combination. Comparison and optimization of best bioadhesive polymer fabrication method and ratios. ▪ Develop, optimize and standardize appropriate Gel formulation. 2. Evaluation of the developed gel <ul style="list-style-type: none"> ▪ Antimicrobial efficacy ▪ To carry out the ex-vivo and in-vivo animal studies. ▪ To carry out the toxicity studies to ensure the safety of the formulations.

Title of the project	Evaluation of antiproliferative activity of Unani drugs in cancer prevention – A mechanistic approach
Institution	Jamia Hamdard, Hamdard Nagar, New Delhi
Objectives	<ul style="list-style-type: none"> ▪ To study the in vitro efficacies of the various plant extracts on lipid peroxidation and DNA damage. This is to standardize the type of the extract (whether hydrophilic or hydrophobic) that shows maximum efficacy against lipid peroxidation. DNA damage and other enzymes like cyt. P450 levels and dependent isozyme activites. ▪ To study the in vivo efficacy of plant extracts and their major pure constituents (only those proved potent from the results of in vitro studies) on the lipid peroxidation. Gluathione level and various damage markers for liver, skin and kidney eg. SGOPT, SGPT and LDH for liver. Blood urea itrogen (BUN), creatinine and gamma glutamyl transpeptidases (γ-GT) for kidney and serum. Apart from that, efficacy of the plant fraction, its major pure constituent will be studied



on the antioxidant enzymes; like glutathione peroxidase, catalase and superoxide dismutase and various Phase-II detoxifying enzymes like glutathione transferase and quinone reductase.

- To study the mechanism of action of the potent plant fractions and their few major constituents against 7, 12 dimethyl benz (a) anthracene-induced skin cancer and diethyl nitrosamine induced and 2 acetyl amino fluorene promoted liver and kidney cancers.
- To study the tumor inhibition data (in terms of tumor number size and latency period) on skin, liver and kidney will be assessed by the mechanism of chemoprevention of plant drugs.
- The results of the study will be explained on the basis of pathological changes of the tissues and mechanism of inhibition of tumor numbers and increase in the latency period.

SHORT TERM RESEARCH INQUIRIES

The Council initiated collaborative research programmes with established institutions having good infrastructure and facilities for research. Small projects of short duration were funded to various institutions and research work of the Council's interest was undertaken with minimum provision of funds. During 2007-08 the following research inquiries were taken up in the following institutions.

1. A study on effect of some Unani medicines on seminal plasma lipid peroxide and anti-oxidant levels in infertile males.	K.G. Medical University, Lucknow
2. Comparative chemical analysis and development of SOPs of Unani Kushtajats prepared from conventional as well as modern methods.	Department of Ilmul Advia, A.K. Tibbia College, AMU, Aligarh
3. Screening of three medicinal plants and a Unani formulation on experimental PD model used for treating CNS disorders in Unani system of Medicine – its characterization and molecular mechanism	ICMR-CSIR, New Delhi
4. Lipid reducing herbal compounds providing protection against diabetes and cardiovascular disorders	Department of Physiology, V.P. Chest Institute, Delhi
5. Comparison of clinical efficacy and safety of PUVA Sol and Unani formulation UNIM-401 (IF) oral and UNIM-402 (Oil) and UVA in treatment of chronic plaque psoriasis	Department of Dermatology, AIIMS, New Delhi
6. Double blind randomized controlled clinical trial to evaluate efficacy and safety of polyherbal Unani formulation UNIM-1000	Department of Pharmacology, LHMC, New Delhi
7. A preliminary study on anti-obesity property of a Unani formulations in experimental models in rats	Department of Pharmacology, AIIMS, New Delhi
8. Safety study of UNIM-401 and UNIM-403 in the treatment of chronic plaque psoriasis	Department of Pharmacology, AIIMS, New Delhi

The progress of work in the short-term projects that continued during 2007-08 is recorded below.

Title of the project	A mechanistic approach of Unani drugs in cancer chemoprevention
Institution	Jamia Hamdard, New Delhi
Objectives	<ul style="list-style-type: none"> ▪ To study the in vitro efficacies of the various plant extracts on lipid peroxidation and DNA damage. This is to standardize the type of the extract (whether hydrophilic or hydrophobic) that shows maximum efficacy against lipid peroxidation. DNA damage and other enzymes like cyt. P450 levels and dependent isozyme activities. ▪ To study the in vivo efficacy of plant extracts and their major pure constituents (only those proved potent from the results of in vitro studies) on the lipid peroxidation. Glutathione level and various damage markers for liver, skin and kidney eg. SGOT, SGPT and LDH for liver, Blood urea nitrogen (BUN), creatinine and gamma glutamyl transpeptidases (γ-GT) for kidney and serum. Apart from that, efficacy of the plants fraction, its major pure constituent will be studied on the antioxidant enzymes; like glutathione peroxidase, catalase and superoxide dismutase and various Phase-II detoxifying enzymes like glutathione transferase and quinone reductase. ▪ To study the mechanism of action of the potent plant fractions and their few major constituents against 7, 12 dimethyl benz (a) anthracene-induced skin cancer and diethyl nitrosamine induced and 2 acetyl amino fluorene promoted liver and kidney cancers. ▪ To study the tumor inhibition data (in terms of tumor number size and latency period) on skin, liver and kidney will be assessed by the mechanism of chemoprevention of plant drugs. ▪ The results of the study will be explained on the basis of pathological changes of the tissues and mechanism of inhibition of tumor numbers and increase in the latency period.

Title of the project	Pharmacological and molecular mechanism of action of cardio protective potential of some Unani drugs in experimentally induced myocardial infarction
Institution	Department of Pharmacology, AIIMS, New Delhi
Objectives	<ol style="list-style-type: none"> 1. To study effect of herbal extracts (<i>Glycyrrhiza glabra</i>, <i>Asparagus racemosus</i>, <i>Commiphora mukul</i>) on morphological and histological changes in ischemia reperfusion model of myocardial infarction. 2. To study the effect of herbal extracts on hemodynamic alterations in ischemia reperfusion model of myocardial infarction. 3. To delineate the involvement of reactive oxygen species (ROS) in pathophysiology of myocardial infarction and study the effect of these herbal extracts on modulation of antioxidant markers. 4. To study the role of apoptosis in ischemia reperfusion model of myocardial infarction and the effect of herbal extracts on modulation of apoptotic bcl-2 and bax proteins. 5. To study the role of TNF in the pathophysiology of myocardial infarction and to study the effect of herbal extracts on TNF expression.



Title of the project	Ameliorative effect of natural products in liver regeneration against model hepatoxidants: in vivo and in vitro approach
Institution	Jiwaji University, Gwalior
Objectives	<p>In the present study an attempt will be made to delve deep into the following aspects</p> <ul style="list-style-type: none"> ▪ To evaluate the hepatoprotective efficacy in fractions of the plants and to determine their mode of action. ▪ To assess the restoration of membrane integrity of hepatocytes using drug metabolizing enzymes as targets. ▪ To evaluate irreversible toxic effects on both cell growth and survival using rat hepatoma cell lines. ▪ To evaluate whether the formation of free radical and accumulation of toxic metabolites will be inhibited by extract therapy. ▪ To evaluate whether the extract therapy will ameliorate the activity of Cyt. P450 enzyme systems in hepatocytes. ▪ To study the detoxification strategies and the role of glutathione metabolism prior to and after drug therapy.

Title of the project	Evaluation of modulatory effects of some Unani drugs on toxicity of an anticancer drugs cyclophosphamide.
Institution	Jamia Hamdard, New Delhi
Objectives	<p>The main objectives of study are as under:</p> <ul style="list-style-type: none"> ▪ To evaluate the protective effect of Unani drugs on the immune responses (humoral and non specific) of animals. ▪ To assess the protective role of these Unani drugs on toxicity associated with anti-cancer drug (cyclophosphamide).

Title of the project	Medicinal importance of alkaloid free argemone oil
Institution	Jamia Hamdard, New Delhi
Objectives	<p>The argemone oil and alkaloid free (Sanguinarine free) argemone oil have inhibited serum lipids significantly in animals. The same dose of argemone oil was hepatotoxic but the sanguinarine free argemone oil has revealed no hepatotoxic symptoms in animals. Now we proposed to study the various combinations (0.1, 1,5,10,25,50 and 100%) of alkaloid free (sanguinarine free) argemone oil with mustard oil for hypolipidemic property of alkaloid free argemone oil in rats for 1,3,6 and 12 months on the following parameters.</p> <ol style="list-style-type: none"> 1. Cardiac function test 2. Liver function test.

Title of the project	Role of Unani drugs in normalizing altered liver function test in post cholecystectomy and choledocholithotomy patients
Institution	Jamia Hamdard, New Delhi
Objectives	The present study has been designed with the above aims and objectives to develop and evaluate Unani drugs for post operative cases of gall bladder stones to normalize their liver functions and to get rid off their gastro intestinal symptoms. The main aim of this study is to clinically evaluate the hepatocorrective effect of Unani formulations in post operative cases of cholelithiasis and choledocholithiasis.

During 2007-08 the following short term project was completed.

Title of the project	Assessment of Unani Medicines for Toxic Heavy Metals and their Protective Role in Environmental Genotoxicity and Mutagenesis
Institution	Faculty of Agriculture Science, AMU, Aligarh
Summary	The amount of heavy metals was determined in the Unani medicines such as Khamira Abreshan Hakim Arshadwala, Itrifal-e-Ustukhuddus, Jawarish-e-Jalinoos, Majoon-e-Suparipak, Jawarish-e-Shahi, Khamira Gaozaban, Itrifal-e-Kishneezi, Majoon-e-Arad-e-Khurma, Itrifal-e-Shahatra, Laboob-e-Kabir, Jawarish-e-Kamooni, Majoon-e-Suranjan. The data revealed significant amount of heavy metals in all the drugs tested. The levels of Fe have been found to be high in almost all the drugs. Other heavy metals viz. Zn, Ni and Cr were also present in all drugs. Concentration of Pb was found to be negligible.

DRUG STANDARDIZATION RESEARCH PROGRAMME

The programme of Drug Standardization is mainly concerned with evolving pharmacopoeial standards of Single and Compound Unani Drugs included in various volumes of National Formulary of Unani Medicine and simultaneously to test the drugs under trial in the Council's Clinical Research Units/Institutes and being manufactured in the pharmacy of Central Research Institute of Unani Medicine, Hyderabad.

Simultaneously, chemical investigations of Unani medicinal plants as well as the toxicity studies are also being carried out under this programme.

Standardization work for single drugs and compound formulations are carried out in accordance with the format approved by Unani Pharmacopoeia Committee of Government of India because the standards so developed are incorporated in the Unani Pharmacopoeia of India.

The work is being carried out through the following research centres of the Council:

- Drug Standardization Research Institute, PLIM, Ghaziabad.
- Central Research Institute of Unani Medicine, Hyderabad.
- Regional Research Institute of Unani Medicine, Chennai.
- Regional Research Institute of Unani Medicine, Srinagar.



- Regional Research Institute of Unani Medicine, Aligarh.
- Drug Standardization Research Unit, New Delhi.
- Chemical Research Unit (Grant-in-Aid). Aligarh Muslim University, Aligarh.

During the reporting period work on following research areas was done.

- Development of Standard Operating Procedures (SOPs) for the manufacture of compound formulations and their pharmacopoeial standards.
- Quality control
- Chemical investigations of medicinal plants.
- Safety evaluation.

DEVELOPMENT OF STANDARD OPERATING PROCEDURES (SOPs) FOR THE MANUFACTURE OF COMPOUND FORMULATIONS AND THEIR PHARMACOPOEIAL STANDARDS

Under this programme SOPs for the manufacture of the following compound formulations were developed at various research centres of the Council as well as through EMR scheme.

- | | |
|---------------------------|---------------------------|
| • Habb-e-Aftimoon | • Habb-e-Baogola |
| • Habb-e-Anjeer | • Habb-e-Ashkhaar |
| • Qurs-e-Kafoor | • Raughan-e-Badam Shireen |
| • Raughan-e-Gul | • Raughan-e-Kaddu Shireen |
| • Raughan-e-Kahu | • Raughan-e-Laboob-e-Saba |
| • Raughan-e-Malkangani | • Raughan-e-Turb |
| • Lauq-e-Badam | • Lauq-e-Nazli |
| • Sufoof-e-Indrizulab | • Sufoof-e-Khardal |
| • Sufoof-e-Mohazzil | • Sufoof-e-Muqliyasa |
| • Sufoof-e-Sailan | • Majoon-e-Suranjan |
| • Majoon-e-Aarad Khurma | • Majoon-e-Talkh Deedani |
| • Majoon-e-Muqil | • Itrifal-e-Shahatra |
| • Itrifal-e-Muqil | • Jawarish-e-Aamla Sada |
| • Jawarish-e-Shahi | • Khamira-e-Gaozaban Sada |
| • Habb-e-Kabid Naushadari | • Habb-e-Raal |
| • Habb-e-Rasaut | • Habb-e-Bawaseer |
| • Habb-e-Tankar | • Habb-e-Papita Desi |
| • Habb-e-Shifa | • Habb-e-Falasfa |
| • Habb-e-Surfa | • Sufoof-e-Chobchini |



- Habb-e-Ahmar
- Habb-e-Mushil
- Jawarish Zarooni Sada
- Sufoof-e-Hubb-ur-Rumman
- Majoon-e-Muqawwi-e-Rahem
- Majoon-e-Sangdana Murgh

- Habb-e-Hindi Zeeqi
- Itrifal-e-Zamani
- Majoon-e-Musaffi-e-Khoon
- Majoon-e-Nankhwah
- Majoon-e-Rahul Momineen
- Majoon-e-Suparipak

QUALITY CONTROL

During the reporting period quality control of following 121 compound formulations prepared at pharmacy, were tested for their quality control.

- | | |
|--------------------|--------------------|
| • Raughan-e-Kunjad | • Raughan-e-Kunjad |
| • UNIM-001 | • UNIM-003 |
| • UNIM-004 | • UNIM-006 |
| • UNIM-040 | • UNIM-005 |
| • UNIM-268 | • UNIM-005 |
| • UNIM-271 | • UNIM-42 A(K) |
| • UNIM-001 | • UNIM-003 |
| • UNIM-004 | • UNIM-405 |
| • UNIM-001 | • UNIM-004 |
| • UNIM-314 | • UNIM-451 |
| • UNIM-051 | • UNIM-152 |
| • UNIM-158 | • UNIM-352 (P) |
| • UNIM-040 | • UNIM-052 |
| • UNIM-405 | • UNIM-352 (M) |
| • UNIM-359 | • UNIM-352 |
| • UNIM-006 | • UNIM-041 |
| • UNIM-360 (M) | • UNIM-004 |
| • UNIM-001 | • UNIM-042 (K2) |
| • UNIM-040 | • UNIM-307 |
| • UNIM-405 | • UNIM-004 |
| • UNIM-001 | • UNIM-004 |
| • UNIM-405 | • UNIM-005 |
| • UNIM-006 | • UNIM-001 |
| • UNIM-006 | • UNIM-004 |



- UNIM-312
- Qutoor-e-Ramad Q.R.
- UNIM-001
- UNIM-301
- UNIM-004
- UNIM-271
- UNIM-1351
- CT-1
- CT-3
- CT-6
- CT-7
- CT-8
- CT-10
- CT-12
- CT-15
- CT-17
- UNIM-004
- UNIM-006
- UNIM-405
- UNIM-027 TPA
- UNIM-312
- UNIM-403
- UNIM-001
- UNIM-005
- UNIM-040
- UNIM-211
- UNIM-001
- UNIM-003
- UNIM-006
- UNIM-004
- UNIM-302
- CT-12
- UNIM-001
- UNIM-040
- Arq-e-Gulab Q.R. - 1
- UNIM-003
- UNIM-302
- UNIM-005
- UNIM-401
- UNIM-1352
- CT-14
- CT-5
- CT-6A
- CT-7A
- CT-9
- CT-11
- CT-13
- CT-16
- UNIM-001
- UNIM-005
- UNIM-040
- Raughan-e-Kamela
- UNIM-304
- UNIM-027 MA
- UNIM-270
- UNIM-004
- UNIM-353
- UNIM-210
- UNIM-359
- UNIM-004
- UNIM-005
- UNIM-001
- UNIM-041
- CT-2
- CT-15
- UNIM-003



- UNIM-405
- UNIM-004
- UNIM-023
- CT-14
- UNIM-1202
- UNIM-1352
- CT-4

Besides, the institute has also carried out estimation of heavy metals of 43 compound formulations, and microbial load, aflatoxin contamination and pesticidal residue of 56 drugs received from other centres of the Council.

Chemical Investigations of Medicinal Plants

During the reporting period this work was carried out through two research centres viz. RRIUM, Srinagar and Chemical Research Unit, Aligarh.

RRIUM, Srinagar has carried out phyto-chemical investigation on *Verbascum thapsus*, *Iris nepalensis* and ITA-06 (I) and from these following compounds were isolated which are being subjected to structure elucidation.

- VT-I
- VT-III
- KLP-I
- KLC-I
- VT-II
- IN-I
- KLP-II

Chemical Research Unit, AMU Aligarh thoroughly investigated the different parts of Neem plant and isolated following seven molecules:

- β -sitosterol
- Quercetin
- Rhamnoside
- NB-1B (to be characterized)
- Friedlin
- Camferol
- NB-1A (to be characterized)

Safety Evaluation

Under this programme acute toxicity studies on the samples of Unani coded compound formulations viz. ITA-05 and ITA-06 was carried out at the RRIUM, Srinagar.

Unani Pharmacopoeia of India

The Council after being designated as secretariat for Unani Pharmacopoeia of India by the Department of AYUSH organized four meetings of Unani Pharmacopoeia Committee during the reporting period and published two volumes viz. Vol. IV and Vol. V of Unani Pharmacopoeia of India, Part-I, containing 50 and 52 monographs, respectively. Compilation of Unani Pharmacopoeia of India, Part-I, Vol. VI and Unani Pharmacopoeia of India, Part-II, Vol. I was in progress.



SURVEY AND CULTIVATION OF MEDICINAL PLANTS PROGRAMME

The Council has undertaken a programme of extensive survey of medicinal plants in different parts of the country, primarily with a view to collecting and identifying medicinal plants and recording basic data on ethnopharmacological uses of plants to provide a lead material for the discovery of new drugs of natural origin. The broad objectives of this programme are:

- To survey, collect and identify medicinal plants in different forest zones of the country.
- To study distribution, availability, ethnopharmacological uses of and threats to medicinal plants.
- To cultivate medicinal plants experimentally and in the field.
- To maintain a herbarium and an exhibition of medicinal plants and raw drugs for demonstration purposes.
- To maintain a demonstrable herb garden.
- To organize farmers' meets to impart awareness, and provide training on cultivation of medicinal plants.
- To document folk knowledge on medicinal uses of plants.
- To collect samples of genuine drugs from the forest for pharmacopoeial standard work.
- To develop nursery of medicinal plants for demonstration purpose with a view to popularizing them among the masses.

This programme is being carried out at the following research centres of the Council:

- Central Research Institute of Unani Medicine, Hyderabad.
- Regional Research Institute of Unani Medicine, Aligarh.
- Regional Research Institute of Unani Medicine, Bhadrak.
- Regional Research Institute of Unani Medicine, Chennai.
- Regional Research Institute of Unani Medicine, Srinagar.

Ethnopharmacological surveys

Under this programme the Council undertook ethnopharmacological surveys in different forest divisions/ areas during the period under report. These included Hyderabad and Bhadrachalam (Andhra Pradesh), Kashi and Ram Nagar (Uttar Pradesh), Pithoragarh forest division (Uttarakhand), Kanya Kumari forest division (Tamil Nadu) and Peer Panjal forest division (Jammu & Kashmir). During these surveys 2050 specimens comprising 818 species of medicinal plants were collected. Out of these, 352 species were identified.

Herbarium

Plants specimens collected from the study areas were mounted on herbarium sheets. During the reporting period 941 such herbarium sheets were prepared and information pertaining to the plant's botanical name, family, local name, Unani name (wherever available), date of collection, brief morphological features, and medicinal/other uses were recorded on each herbarium sheet. Besides, 462 index cards were updated.

The survey team members, during the field studies, collected 649 saplings of important medicinal species for plantation in the nurseries attached to the units of the institute(s).

The survey teams also collected fresh raw drugs weighing 359 kg and supplied to the pharmacy section of Central Research Institute of Unani Medicine, Hyderabad for preparation of Unani formulations.

Folk claims

The survey team members made enquiries with the local communities focusing on traditional uses of plants. This knowledge was systematized taxonomically, and efforts were made to develop a data base for comparative analysis of the information recorded so far. As a result 162 medicinal folk claims were recorded from the tribal inhabitants and other rural folks of the study areas. This information had been collected with a view to providing lead material for the discovery of new drugs of plant origin. Recently, the Council has taken up a programme to publish this information in the form of books providing details viz., botanical name and family, synonyms, local name, Unani name, habit and habitat, wild or cultivated, medicinal efficacy claimed and name of the tribe, locality, collection no., part(s) used, mode of application, biodynamic notes.

Experimental and field scale cultivation of medicinal plants

Under this activity the Council has taken up cultivation of some important medicinal plants used in Unani Medicine. These include Babchi (*Psoralea corylifolia* L.), Jadwar (*Delphinium denudatum* Wall. ex H. & T.), Konch (*Mucuna pruriens* L.), Atrilal (*Ammi majus* L.), Gulnar farsi (*Punica granatum* Linn. abortive variety), Gurmar buti (*Gymnema sylvestre* R Br.), Khulanjan (*Alpinia galanga* Willd.), Karanjawa (*Caesalpinia bonduc* (L.) Roxb.), Hina (*Lawsonia inermis* L.), Jamun (*Syzygium cumini* (L.) Skeels) Jangli Piyaz (*Urgenia indica* Kunth.), Sudab (*Ruta graveolens* Linn.) etc. As a result of field scale cultivation of drug plants, 215 kg of raw drugs were yielded.

Farmers' meet

The Council's research centers organized Farmers' meeting on awareness, training, cultivation and marketing of medicinal plants. During the period under report five such training programmes were organized at block level in the states of Andhra Pradesh (A.P.), Tamil Nadu (T.N.) and Uttar Pradesh (U.P.). These included Gangiri Development Block, Chharra. Aligarh (U.P.); Cithalapakkam village, St. Thomas Mount Block, Distt. Kancheepuram, T.N.; Kulathur village, Sriperumbadur Block, Distt. Kancheepuram, T.N.; Ibrahimpatnam Division, R.R. District (Andhra Pradesh) and Shameerpet Mandal, R.R. District (Andhra Pradesh).

Nursery of medicinal plants

With a view to popularizing medicinal plants among masses, the Council has launched a programme of cultivating about 150 common species in its nurseries developed at Aligah, Chennai, Hyderabad and Srinagar. Some of the important and interesting species grown under this activity included Mako (*Solanum nigrum* L.), Bhangra (*Eclipta alba* Hussk), Tambaku (*Nicotiana tabacum* L.), Kasni (*Cichorium intybus* L.), Qurtum (*Carthamus tinctorius* L.), Funduq (*Corylus avellana* L.), Sadabahar (*Vinca rosea* L.), Kasoos (*Cuscuta reflexa* roxb.), Muqil (*Commiphora mukul* (Hook ex Stocks) Engl.), Anar (*Punica granatum* L.), Marorphali (*Helicteres isora* L.), Behidana (*Cydonia oblonga* Mill.), Tulsi (*Ocimum sanctum* L.), Keora (*Pandanus tectorious* Soland. ex Parkinson.), Waj (*Acorus calamus* Linn.), Turbud (*Ipomoea turpethum* R. Br.), Karanjawa (*Caesalpinia crista* L.), Ajwain Desi (*Trachyspermum ammi* L.), Qinnab (*Cannabis sativa* L.), Gurmar buti (*Gymnema sylvestre* R. Br.), Hina (*Lawsonia inermis* L.) Khubbazi (*Malva sylvestris* L), Babchi (*Psoralea corylifolia* L.), Konch (*Mucuna pruriens* L.) etc.

Research publications

During the reporting period seven research papers were published under the medicinal plants programme.



LITERARY RESEARCH PROGRAMME

Literature relating to the Unani system of medicine is scattered in private and public libraries and at times is not within the reach of scholars and research workers. A good number of manuscripts are available in various libraries. Some manuscripts are in dilapidated condition and valuable information therein has got to be obtained before they get completely destroyed. Some manuscripts are very rare and old. The responsibility of making full use of the information contained therein rests with the scholars of today. Further, there has been a handicap in the field of Unani medical education due to the lack of standard text books dealing with various subjects. The scholars who can understand and interpret the concepts laid down in the classics of Unani Medicine are also becoming fewer as most of the literature is in Persian and Arabic.

To get full advantage of the rich experience of ancient scholars, to get all the valuable knowledge of Unani system of medicine rendered into Indian languages and to have standard books, the Council has taken up the programme of literary research. The project aims at rendering in simple and lucid language the medical knowledge of the manuscripts for the benefit of the posterity.

This programme is being carried out through a Literary Research Institute of Unani Medicine functioning at New Delhi. With a view to expediting the work, outsourcing of translation work to eminent Unani experts well versed in Unani Medicine as well as in Arabic and Persian was also done.

During the reporting period, Urdu translation of *Kitab-al-Hawi*, Volume XVII, XIX, XXI (Part-I and II), XXII and XXIV (Part-I) were published. Besides Urdu translation of *Kitab al Fakhir*, Volume I Part-II and *Kitab al Mukhtarat*, Volume IV were also published. Besides, revision of Urdu translation of *Kitab Hawi*, Volume XVIII and XX was completed. Four hundred and seventy pages of *Aksir-e-Azam*, Volume II were translated in to Urdu. Survey of literature on Cosmeto, therapeutics in Unani Medicine from classical books was done and a document has been compiled for publication. Besides, documentation of the SOPs for different regimental therapies was also done during the reporting period.

COLLECTION AND DISSEMINATION OF INFORMATION

The Council has a reference Library and Information Centre at the headquarters that aims to collect and preserve the scattered literature in Unani system of medicine and to disseminate the information thus collected among the researchers, academics and practitioners of the system.

During the reporting period services of the library were made automated through local area networking. During the reporting period 900 books, five manuscripts, 35 CDs and 14 photocopies of rare books, 90 issues of journals and 80 issues of Unani journals, 116 periodicals and 34 Hindi magazines were added to the existing stock of the library. Under the WHO global subscription schemes 150 documents were added to the collection.

Two hundred and thirty-three documents were purchased under the centralized purchase scheme. Seven thousand one hundred and forty-one books were catalogued and 475 books classified. During the reporting period 4140 books were consulted, 792 circulated and 14 books were issued under the inter-library loan service. Over 230 non-library members visited the library from India and abroad. The library continued the institutional membership of British Council Library, Medical Library Association of India, Developing Library Network (DELNET) and American Resource Information Centre.

During the reporting period the library carried out the following services:

- Publication of Monthly Medical News Index - 10 issues
- Publication of Current Contents of Journals (Unani System of Medicine) – 03 Issues

- Catalogue/Bibliographical searches – 2438 titles
- C.D. searches – 36 CDs
- Reference Services (long and short ranges) – 778 queries
- Select Dissémination of Information (S.D.I.) Services – 480 stories/articles
- Collection of relevant news clippings – 10664 news
- Photocopying (Important articles and routine work) – 34179 Copies
- Spiral Binding – 51 Documents

The library has a collection of over 12000 books, 513 bounded volumes of journals, 33 manuscripts, 143 photocopies of rare manuscripts, nine microfilms, 30 slides and 155 CDs. The library subscribed to national/international journals in different disciplines.

COLLECTION OF M.D. (UNANI) THESES

The Council have collected and documented 400 theses submitted for award of MD degree in Unani Medicine at the postgraduate Departments at Nizamia Tibbi College, Hyderabad; Ajmal Khan Tibbia College, Aligarh Muslim University, Aligarh; and Jamia Hamdard, New Delhi. A discipline-wise database for Moalejat, Kulliyat, Ilmul Adviya, Amraz-e-Niswan-wa-Atfal and Hifzan-e-Sehat has been developed.

PUBLICATION

During the reporting period the Publication Division of the Council brought out the following publications.

- National Formulary of Unani Medicine, II
- National Formulary of Unani Medicine, IV
- Unani Pharmacopoeia of India, Part I, Volume 1
- Unani Pharmacopoeia of India, Part I, Volume 4
- Unani Pharmacopoeia of India, Part I, Volume 5
- Kitab Al-Mukhtarat, Volume 4
- Kitab Al-Fakhir Volume I, Part-II (Urdu)
- Kitab Al-Hawi, Volume 17
- Kitab Al-Hawi, Volume 19
- Kitab Al-Hawi, Volume 21(Part I & II)
- Kitab Al-Hawi, Volume 22
- Kitab Al-Hawi, Volume 23 (Part I)
- Ma'dan Al-Akseer
- Makhzan-e-Mufradat wa Murakkabat
- Proceedings of Seminar on Historical and Literary Research in Unani Medicine (Urdu)
- Manual of RTI Act, 2005



- Activities and Achievements of RRIUM, Srinagar
- Success Story on Bars (Arabic)
- Success Story on Eczema & Psoriasis (Arabic)
- Success Story on Bars (Punjabi)
- Success Story on Eczema & Psoriasis (Punjabi)
- Success Story on Waja-ul-Mafasil (Punjabi)
- Health Promoting Unani Medicinal Plants of Kashmir (Urdu)
- Health Promoting Unani Medicinal Plants of Kashmir (Kashmiri)
- Health Promoting Unani Medicinal Plants (Punjabi)
- Unani Medicine – An Introduction (Punjabi) (Folder)
- CCRUM Newsletter Volume 28, Nos. 1 & 2 (January-April 2007)
- CCRUM Newsletter Volume 28, Nos. 3 & 4 (May-August 2007)
- CCRUM Newsletter Volume 28, No. 5 (September-October 2007)
- CCRUM Newsletter Volume 28, No. 6 (November-December 2007)
- CCRUM Newsletter Volume 29, Number 1 (January-February 2008)
- Hippocratic Journal of Unani Medicine, Volume 2, No. 2
- Hippocratic Journal on Unani Medicine, Volume 3, No. 1
- Hippocratic Journal on Unani Medicine, Volume 3, No. 2
- Jahan-e-Tib, Volume 8, Issue 4
- Jahan-e-Tib, Volume 9, Issue 1
- Jahan-e-Tib, Volume 9, Issue 2

MISCELLANEOUS

ORGANIZATION OF SEMINARS/WORKSHOPS/TRAININGS/LECTURES ETC.

National Seminar on Role of Unani Medicine in Primary Health Care

The Central Council for Research in Unani Medicine (CCRUM) organized a National Seminar on Role of Unani Medicine in Primary Health Care with particular reference to National Rural Health Mission (NRHM) on 4 July in Srinagar, (Jammu & Kashmir).

Mr. Shiv Basant, Joint Secretary to Government of India, Ministry of Health & Family Welfare, Department of Ayurveda, Yoga & Naturopathy, Unani, Siddha, and Homeopathy (AYUSH) inaugurated the seminar.

In his inaugural address Mr. Shiv Basant underscored the need for further improving the quality of research in Unani Medicine to increase its acceptance internationally. He said that the NRHM laid great emphasis on the involvement of practitioners of the various AYUSH systems in the provision of essential health care services to the majority of the people. In the successful implementation of the provisions of the NRHM, he said, Unani Medicine as well as other Indian systems of medicine (ISM) had a meaningful role.

Speaking on the occasion Dr. G.N. Qazi, Director, Regional Research Laboratory (RRL), Jammu said that importance of various traditional medicines including Unani Medicine in healthcare was being realized globally. He urged the proponents of Unani Medicine and other traditional systems to join hands and share their knowledge and skill to better serve the health needs of the people. He asked the researchers of these systems to come up with empirical evidence to demonstrate the safety and efficacy of their respective system.

Presiding over the function Prof. Mehrajuddin, Registrar, University of Kashmir said that Unani Medicine had a long and respectable history in the state. He lauded the CCRUM for developing and expanding its research activities at RRIUM, Srinagar and assured that the university would continue to extend necessary facilities and help to the institute.

Mr. Ghulam Nabi Lone Secretary (Health & Medical Education), Government of Jammu & Kashmir said that the state government was trying to make maximum advantage of the various indigenous systems in providing healthcare to the people.

Earlier, welcoming the delegates and guests, Hakim Mohammed Khalid Siddiqui, Director, and CCRUM gave a brief account of the Council's activities and the leads it had attained in recent years in its various programmes. He said that the CCRUM had done some pioneering research in the area of drug standardization and had evolved standards for 277 single and 385 compound drugs. Many of these standards have been incorporated in the Unani Pharmacopoeia of India. The Council scientists have also surveyed various forests areas in different parts of the country and collected about 60,000 specimens of medicinal plants and about 9900 folk medicinal claims from these areas. Dr. Siddiqui said that the Council planned to develop RRIUM, Srinagar as a major tourist destination offering holistic health packages as well as specialty centre for such disease as are chronic in nature. During the last two decades this institute has registered about 4.85 lakh patients including research cases. The seminar had two technical sessions and a panel discussion on the health scenario of Kashmir valley and Unani Medicine. At the technical sessions 12 presentations were made on various aspects of healthy living including primary health care and research findings in different common disease.



Workshop on Wajaul Mafasil (Rheumatoid Arthritis)

The Central Council for Research in Unani Medicine (CCRUM) organized a two-day workshop on Wajaul Mafasil (rheumatoid arthritis) in New Delhi on 27 and 28 August. The workshop had participation of researchers and scholars of Unani Medicine and those of other modern as well as traditional Indian medicines coming from various parts of the country.

Dr. N.K. Chaturvedi, Medical Superintendent, Dr. Ram Manihar Lohia (R.M.L.) Hospital, New Delhi inaugurated the workshop on 27 August. He stressed the need for interdisciplinary research, and assured the Council of more space for its Unani Medical Centre at the Hospital for its better functioning. He called on the researchers of Unani Medicine to develop better and stronger linkages with the researchers of other medical systems including allopathy for healthier development of their own system. Other experts who addressed the workshop included Dr. Y.K. Gupta, Professor of Pharmacology at All India Institute of Medicine (AIIMS), New Delhi; Prof. K.M.Y. Amin, Professor of Pharmacology at Ajmal Khan Tibbiya College, A.M.U., Aligarh. Dr. Mohsin Wali, Consultant at Dr. R.M.L. Hospital; and Dr. K.S. Anand, Head, Department of Neurology, Dr. R.M.L. Hospital. Hakim Syed Khaleefathullah, Vice-President, Central Council of Indian Medicine presided over the inaugural function.

Dr. S.L. Yadav, Associate Professor of Rehabilitation at AIIMS and Hakim Jamil Ahmad, formerly Dean, Faculty of Unani Medicine, Jamia Hamdard delivered the keynote addresses to the workshop. The session was chaired by Prof. H.S. Rehan, Head, Department of Pharmacology, Lady Harding Medical College (LHMC), New Delhi and Dr. Madhu Yadav, Head, Department of Medicine at LHMC. The four technical sessions that followed had 15 presentations on various aspects of research on rheumatoid arthritis. Those who chaired the sessions included Prof. Zillur Rahman from Aligarh, Hakim M.S. Gupta, Delhi; Prof. Shakir Jameel, Delhi; Prof. Maudood Ashraf and Prof. Naeem Khan from Aligarh; Prof. Mashkoor Ahmad, Delhi; Prof. Abu Bakr Khan, Aligarh; and Prof. V.H. Talib Rishikesh (Uttarakhand). On the concluding day there was a panel discussion on the future road map for management of rheumatoid arthritis. The panel represented Unani Medicine, Ayurveda and allopathy.

Dr. Shamim Ahmad, Vice-Chancellor, Jamia Hamdard delivered the valedictory address to the workshop and emphasized that all medical research should aim to improve human health. Dr. Ahmad urged the experts of Unani Medicine to validate scientifically the strengths of their medicine and bring them before the world. He laid great emphasis on the need for using nanotechnology for developing effective and safe drugs for modern diseases. He also invited the CCRUM to collaborate with the Jamia Hamdard in this field.

Earlier, in his welcome address, Dr. Mohammed Khalid Siddiqui Director, CCRUM appealed the teachers and students of Jamia Hamdard, New Delhi, Aligarh Muslim University, Aligarh and other institutions to increase research collaborations with the Council to ensure quality research in Unani Medicine. He said that the Council is the apex organization in research in Unani Medicine today and in a position to lead in this field. During the 28 years of its research journey the CCRUM had gone a long way in developing clinical research, drug standardization, survey and cultivation of medicinal plants and literary research.

Hindi Workshop at CRIUM, Hyderabad

The Council's Central Research Institute of Unani Medicine (CRIUM), Hyderabad organized a workshop on the use of Hindi in the official work at the Institute.

At the workshop, the chief guest Prof. Shubhada Vajpayee, Head, Department of Hindi, Osmania University, Hyderabad stressed the need for setting up of a permanent committee of experts at the Institute to develop a dictionary of technical terms in Hindi. Hakim S.M.A. Usmani, Director, CRIUM presided over the function and said that the Institute had already constituted a committee for the implementation of Hindi as official

language at the Institute, and that further attempts were being made to promote the use of the language in day-to-day work. Hakim M. Ataullah Shareef, Deputy Director (Unani) and chairman of the Hindi committee at the Institute highlighted the activities and achievements of the Institute.

Guest Lecture at RRIUM, Chennai

The Council's Regional Research Institute of Unani Medicine (RRIUM), Chennai organized a guest lecture on biotechnology and bioengineering by Dr. Mohammed A. Hussain, Professor and Head, Department of Biotechnology, P.A. College of Engineering, Mangalore at the Institute premises on 11 April.

In his lecture Dr. Mohammed A. Hussain threw light on biotechnological interventions in the fields of healthcare, agriculture, industry, environment, marine biology etc. He said that application of biotechnology can help improve the quality of research and development in Unani Medicine, and that a correlation can be established between the temperaments of patients, disease and drug using the principles of biotechnology. The lecture also covered the application of biotechnology and nanotechnology and challenges in cardiovascular engineering. Earlier, Hakim M. Darakhshid Alam, Deputy Director in charge of RRIUM, Chennai welcomed and introduced Prof. Hussain to the audience. Hakim (Mrs.) Gowher Sultana, Deputy Director thanked.

Training on Medicinal Plants in Chennai

The Council's Regional Research Institute of Unani Medicine (RRIUM), Chennai organized a training programme for farmers on cultivation and marketing of medicinal plants and a free health camp at Kolathur village, Sriperumpudur Block, Kancheepuram District, Tamil Nadu on 20 December 2007.

The chief guest for the occasion, Dr. A. Ameer Jahan, Chairman, All India Medicinal Herbs Cultivators, Processors, Manufactures Research Industrial Co-operative Society highlighted the commercial value of the medicinal plants like *Aloe vera* L., *Cassia senna* L., *Withania somnifera* Dunal, and *Vinca rosea* L. etc.

Inaugurating the meeting Mr. K.P. Sankar, President of Kolathur village highlighted the importance of medicinal plants used in traditional medicines, and advised the farmers to take up cultivation of high-demand medicinal species.

Mr. R. Murugeswaran, Research Officer (Botany), RRIUM, Chennai gave a talk on good agricultural practices of important Unani medicinal plants such as Asgandh (*Withania somnifera* Dunal), Gurmarbuti (*Gymnema sylvestres* Roxb.), Gheekawar (*Aloe vera* Linn.), Khulanjan (*Alpinia galanga* Willd). Hakim Zaheer Ahmed, Research Officer (Unani) lectured on the importance of medicinal plants as described in Unani Medicine and their uses in the system.

Mr. S. Velayudam, Assistant Director of Agriculture, Sriperumpudur Block highlighted the importance of the medicinal plants' cultivation and assured the farmers of the required technical guidance. Mr. G. Kalaimani, Agricultural Development Officer, Sriperumpudur Block, Mr. Govindan, Assistant Agricultural Officer, and Mr. Chandran, Assistant Agricultural Officer also participated in the event. About 70 farmers and members of self help groups of the Kolathur and adjacent villages actively attended the programme. A free health camp was also organized by the Unani physicians of RRIUM, Chennai, and some 70 persons received free health consultancy and Unani kit medicines.

Farmers' Meet on Medicinal Plants in Aligarh (U.P.)

The Council's Regional Research Institute of Unani Medicine (RRIUM), Aligarh organized a farmers' meeting in Gangiri Development Block of Aligarh district on 24 January. The meeting aimed to create awareness about the importance of cultivation of medicinal plants for the farmers.



Presiding over the meeting Mr. Gopal Kirshna Choudhary, Block Development Officer (BDO) of Gangiri advised the participating farmers to take full advantage of the program and augment their income by utilizing technical know-how on cultivation and marketing of medicinal plants provided by the experts.

Dr. Jitender Singh Yadav, Horticulture Specialist from Krishi Vikas Kendra, Chherat, Aligarh of Chandra Shekhar Azad University of Agriculture & Technology, Kanpur encouraged farmers to take up cultivation of medicinal plants along with traditional farming. Hakim Imran Ullah Khan, Deputy Director in charge of the Institute assured the institute's full support to farmers interested in taking up cultivation of medicinal plants. Earlier, Mr. Zaheer Anwar Ali, Research Officer (Botany) and Hakim Sarfraz Ahmad, Research Officer (Unani) at RRIUM, Aligarh highlighted the importance and advantages of cultivation of medicinal plants, and also spoke on cultivation and marketing of some commercial medicinal crops such as Asgand, Gulnar Farsi and Sana. Some 20 medicinal species were recommended for cultivation in view of the climatic conditions of the area. Over 100 farmers attended the meeting.

Farmers' Meet on Medicinal Plants in Ranga Reddy District (A.P.)

The Council's Central Research Institute of Unani Medicine (CRIUM), Hyderabad, organized a farmers meeting at Yacharam Mandal of Ibrahimpatnam division of Ranga Reddy District of Andhra Pradesh on 10 September. Inaugurating the meeting, Mrs. Laxmi, Agriculture Officer, Yacharam Mandal called upon the farmers to undertake large scale cultivation of medicinal plants suitable to the agro-climatic conditions of the region. Mrs. Leena, Agriculture Officer of Ibrahimpatnam division, highlighted the importance of common medicinal plants wildly growing in the forests of Andhra Pradesh and emphasized the need for cultivation of selected medicinal plants having high demand to help farmers make additional income.

Dr. Mohammad Ataullah Shareef, Deputy Director, CRIUM, Hyderabad encouraged farmers to take up cultivation of Unani medicinal plants with the financial support of State Medicinal Plants Board headquartered at Hyderabad. Mrs. G. Varalakshmi, Social Worker at CRIUM, Hyderabad explained in local Telugu language medicinal uses of common medicinal plants. Dr.V .C. Gupta, Research Officer (Botany) mentioned the importance of common Unani medicinal plants in primary health care and advised farmers to grow at least ten Unani plants in their kitchen gardens or in agriculture farms which can be useful for stomach disorders, cough and cold, liver functions and general health.

At the meeting some important medicinal plants were also exhibited. Seedlings of Unani medicinal plants were procured from HUDA forest nursery and distributed to the farmers free of cost for plantation in their fields. Besides, the farmers were informed about the medicinal as well as commercial values of some important plants.

About 160 farmers from 15 different villages participated in the meeting.

Farmers' Meet on Medicinal Plants in Ranga Reddy District (A.P.)

The Council's Central Research Institute of Unani Medicine (CRIUM), Hyderabad organized a farmers' meeting at Shameerpet Mandal of Ranga Reddy District of Andhra Pradesh on 22 January. Inaugurating the meeting, Mrs. K. Bhagya Rekha, MPPD Officer, Shameerpet Mandal called upon the farmers to undertake large scale cultivation of medicinal plants suitable to the agro-climatic conditions of the region. Mrs. A. Vijay Laxmi, Agriculture Officer of Shameerpet Mandal highlighted the importance of common medicinal plants wildly growing in the forests of Andhra Pradesh and emphasized the need for cultivation of selected medicinal plants having high demand to help farmers make additional income.

Dr. Mohammed Ataullah Shareef, Deputy Director, CRIUM, Hyderabad encouraged farmers to take up cultivation of Unani medicinal plants with the financial support of State Medicinal Plants Board headquartered at

Hyderabad. Others who spoke during the meeting were Dr. V. C. Gupta, Research Officer (Botany), Dr. Shaik Imam, Research Officer (Botany) and Mrs. G. Varalakshmi, Social Worker at CRIUM. They explained in local Telugu language, the medicinal uses of common Unani plants in health care and advised the farmers to grow them in their kitchen gardens or in agriculture farms.

At the meeting some important medicinal plants were also exhibited. Seedlings of some important Unani medicinal plants were distributed to the farmers free of cost for plantation. About 150 farmers from 12 different villages participated in the meeting. They were provided with free literature in Telugu on cultivation practices and marketing of some high demand medicinal plants species.

PARTICIPATION IN CONFERENCES/SEMINARS/WORKSHOPS/EXHIBITIONS/FAIRS ETC.

International Conference on Phytochemistry at Cambridge, UK

Dr. (Mrs.) Seema Akbar, Research Officer (Chemistry) at the Council's Regional Research Institute of Unani Medicine (RRIUM), Srinagar visited Churchill College, Cambridge, UK during 11 and 14 April to participate in the 50 Years Celebration of the Phytochemical Society of Europe and an International Conference organized on the occasion on "Highlights in the Evolution of Phytochemistry".

At the conference, sponsored by Elsevier – the publishers of the journal *Phytochemistry*, Dr. Akbar presented her paper entitled "Scientific validation of classical detoxification process for *Nux vomica* seeds as used in the classical Unani texts" which received wide attention and applause from the attendees. Dr. Akbar's tour was sponsored by Department of AYUSH, Ministry of Health & Family Welfare, Government of India.

International Conference on Holistic Approach of Unani Medicine at Aligarh (U.P.)

Researchers of Central Council for Research in Unani Medicine from the headquarters and Literary Research Institute of Unani Medicine (LRIUM), New Delhi; Regional Research Institute of Unani Medicine (RRIUM), New Delhi; RRIUM, Aligarh; and RRIUM, Patna participated in the International Conference on the Holistic Approach of Unani Medicine in Lifestyle Disorders held at Aligarh Muslim University (AMU), Aligarh from 5 to 7 November.

Prof. P. K. Abdul Azis, Vice-Chancellor, Aligarh Muslim University, inaugurated the conference. In his inaugural address, Prof. Azis said that traditional medicine throughout the world are becoming popular and that these systems should come forward to cure the lifestyle and other diseases in a better way. Guest of Honour for the occasion Prof. Hakim Said Gill from England informed that Unani Medicine was getting increasingly popular in the UK. On this occasion a Memorandum of Understanding between the Department of Kulliyat, AMU, Aligarh and Ibn-e-Sina, Institute of Tib, South Africa was also signed for exchange of expertise for development of Unani Medicine.

The conference, organized by the AMU's Faculty of Unani Medicine, had participants from Bangladesh, Canada, Iran, Kuwait, Malaysia, Sri Lanka, South Africa, the UK and the USA, besides from various research institutions and Unani medical colleges in the country.

The Conference Director Prof. Anis Ahmad Ansari, who is Chairman of the P.G. Department of Kulliyat at the University, highlighted the theme of the conference. Dr. A.M. Taleb, Dean, Complementary and Traditional Medicine, Ministry of Health, Iran; and Director, Islamic Medicine Centre, Ministry of Health, Kuwait also addressed the conference. Earlier, Prof. Iqtidarul Hasan Zaidi, Dean, Faculty of Unani Medicine welcomed the participants.



Prof. Rashid Bhika, Head, Unani Tibb, School of Natural Medicine, University of Cape, South Africa in his presidential address informed about the progress of Unani Medicine in his country. Dr. Saud Ali Khan, Principal, Ajmal Khan Tibbiya College thanked the attendees.

The valedictory session had Dr. S. Farooq from Delhi as chief guest.

Seminar on Metabolic Diseases at Deoband (U.P.)

Dr. Mohammed Khalid Suiddiqui, Director Central Council for Research in Unani Medicine (CCRUM) inaugurated a two-day seminar on prevention and management of metabolic diseases in Unani Medicine at Deoband, District Saharanpur (U.P.) on 16 February. The seminar, sponsored by Department of AYUSH, Ministry of Health & Family Welfare, Government of India, was organized by Jamiya Tibbiya Deoband.

Dr. Siddiqui emphasized the need for popularizing Unani Medicine internationally and said that today there was a worldwide resurgence of interest in Unani Medicine as well as other traditional medicines. Therefore it is high time that the votaries of this system availed of this opportunity and marketed the strengths of their system at a global level. He said that the global acceptance of the system depended on scientific proving of these strengths for which good clinical trials and quality control of Unani drugs are a must. He urged the researchers of Unani Medicine to focus on finding out dependable solutions through Unani Medicine to modern health challenges like HIV/AIDS, cancer, TB, and cardiovascular and metabolic disorders. The *Asbab-e-Sitta Zarooriya* – six essentials – described in Unani Medicine for the prevention of disease and healthy living also need to be explored scientifically.

Hakim Syed Khaleefathullah, Vice-President (Unani), Central Council of Indian Medicine (CCIM) presided over the inaugural session. Speaking on the occasion he emphasized on standardization of Unani medical education, training and research. Earlier, the founder of Jamiya Tibbiya Deoband Prof. Shameem Ahmad Saeedi welcomed the guests and delegates and spelt out the objectives of the seminar. He also highlighted the progress of his college.

The CCRUM had the lion's share in the research papers presented during the seminar. In all 33 papers were presented from the Council.

Workshop on Herbs in Hanoi, Vietnam

Mr. Tariq Ahmad Butt, Senior Scientific Assistant (Botany) at the Council's Regional Research Institute of Unani Medicine (RRIUM), Srinagar attended an international workshop on medicinal plants and traditional herbal remedies held in Hanoi, Vietnam during 20 and 21 September. At the workshop Mr. Butt presented his research paper entitled 'present status and role and the future prospectus of some frontline medicinal plants in the folk medicine of Kashmir Himalaya'. He also gave a brief account of the Council's survey and cultivation of medicinal plants.

The workshop was organized by Centre for Science & Technology of the Non-aligned and other developing countries NAM S&T Centre, New Delhi and Institute of Natural Products Chemistry (INPC) Vietnamese Academy of Science & Technology (VAST), Hanoi, Vietnam.

Training on Medicinal and Aromatic Plants at Chennai

Mr. R. Mugeswaran, Research Officer (Botany) at the Council's Regional Research Institute of Unani Medicine (RRIUM), Chennai attended a six-day training on technological options in cultivation and processing of medicinal and aromatic plants held in Hyderabad from 11 to 16 June. Dr. S. Rajakutty, Director, Centre for Technology and Product Marketing, National Institute of Rural Development inaugurated the programme.

The training comprised lectures by experts, discussions on related issues such as GMP and visits to industrial units and herb gardens. Dr. E.V. Prakash Rao, CIMAP, Bangalore delivered his lecture on cultivation, processing and marketing of medicinal plants, whereas Dr. V. Suresh Babu, NIRD, Hyderabad gave his talk on the status of medicinal and aromatic plants in India. Dr. Rajeswara Rao, CIMAP, Hyderabad lectured on the cultural practices of cultivation and processing of aromatic plants, and Mr. Srivaski, IFS, CEO, Medicinal Plants Board, Andhra Pradesh spoke on ex-situ and in-situ conservation of medicinal and aromatic plants.

Healthcare show in Kuala Lumpur, Malaysia

Dr. Shamshad A. Khan, Assistant Director (Chemistry) at Central Council for Research in Unani Medicine (CCRUM) headquarters participated in the 12th South East Asian Health Care Show held in Kuala Lumpur, Malaysia from 12 to 14 March. His visit was sponsored by Department of AYUSH, Ministry of Health & Family Welfare, Government of India. The exhibition was supported by the Ministry of Health, Government of Malaysia, Malaysia Industrial Development Authority, Tourism Malaysia, Matrade and Malaysian Doctors Co-operatives. From India side, Dr. Manju Kalra Prakash, Senior Director, Federation of Indian Chambers of Commerce and Industry (FICCI) and Head, ASEAN Pacific Rim countries and multilateral groupings and country alliances and Ms. Santosh Nautiyal, Assistant Director, FICCI, were the organizers and contact persons. There were approximately 150 stalls of domestic and overseas exhibitors coming from 21 countries.

The CCRUM stall, which formed the main attraction at the Indian pavilion at the show, displayed the Council's progress in its various research programmes including clinical research, drug standardization, survey and cultivation of medicinal plants, literary research, and the publications brought out by the Council. The CCRUM stall also displayed exhibits and literature received from the other three research Councils - CCRAS, CCRH and CCRYN. Other Indian exhibitors at the show were High Commission of India at Kuala Lumpur, Malaysia; Federation of Indian Chamber of Commerce and Industry (FICCI), New Delhi; and 12 other organizations.

In the afternoon, the Deputy High Commissioner of Malaysia to India Ms. Norlin Othman visited the CCRUM stall and discussed in detail about the AYUSH practices being followed and practiced in India. Though the show was open to traders and professional visitors only, around 300 people visited the stall on the first day and showed keen interest in Unani Medicine. Most of them wanted to know what Unani Medicine offers for the treatment of eczema, psoriasis and leucoderma. They were provided with required information and copies of booklets narrating the CCRUM's success stories on these diseases.

On the second day, Mr. Ashok K. Kanth, High Commissioner of India to Malaysia visited the show. He saw with interest the exhibits at the CCRUM stall while going round the India pavilion. Mr. Peter R. Brokenshire, General Manager, Kuala Lumpur Convention Centre (KLCC) welcomed the High Commissioner and along with him went round the stalls of India pavilion. Mr. Brokenshire assured that he will be visiting Department of AYUSH, New Delhi while visiting India during coming months. Around 400 delegates visited the CCRUM stall and discussed about the Indian systems of medicine.

On the concluding day, Ms. Farazira Amira Bt Yousuf, Business Journalist from Malaysian National News Agency visited the CCRUM stall and discussed various issues pertaining to ISM. On the same day, Dr. S.R. Sundaramurthy, Deputy Director, Accreditation Unit, Traditional and Complementary Medicine Division (T&CMD), Ministry of Health, Malaysia also visited the Council's stall and discussed about the development of Indian and Chinese medicine in Malaysia. On the same day, one of the members of Malaysia Association of Traditional Indian Medicine [Pertubuhan Perubatan Tradisional India Malaysia (PEPTIM)] visited the stall on behalf of Dr. Dorai Raja, President PEPTIM as he could not come to the show due to some political problem in the city. Around 450 professionals visited the Council's stall on that day.



Exhibition on Indian Systems of Medicine at Chennai

The Council participated in an exhibition on Indian systems of medicine organized at the inauguration of a Special Unit of Siddha Hospital by Union Health & Family Welfare Minister Dr. Anbumani Ramadoss at the premises of Chengalvarayan Naicker Trust, Chennai on 7 October.

Justice K.M. Natarajan, President of the Trust presided over the function. Other dignitaries present on the occasion included Mr. M.A. Subramanian, Mayor, Corporation of Chennai, and Prof. Hakim Syed Khaleefathullah, Vice President, Central Council of Indian Medicine.

Dr. Ramadoss and the other dignitaries visited the CCRUM pavilion organized at the occasion and showed keen interest in the exhibits highlighting the Council's activities and achievements in its research programmes. The Council's stall, which was a major attraction of the exhibition, also offered the visitors free health check-up and consultation by Unani physicians, besides free literature on Unani Medicine and the Council's success stories.

Science Conference and Exhibition at Bhopal

The Central Council for Research in Unani Medicine (CCRUM) participated in a science conference and exhibition - the *Bhartiya Vigyan Sammelan and Expo-2007* organized at Bhopal from 21 to 26 November. Chief Minister of Madhya Pradesh Mr. Shivraj Singh Chauhan inaugurated the event on 22 November in the presence of Madhya Pradesh Minister of Science and Technology Mr. Kailash Vijayvergiya, and Bhopal's Mayor Mr. Sunil Sood and other dignitaries.

On 25 November Dr. A.P.J. Abdul Kalam, former President of India visited CCRUM stall and interacted with the Council's staff. He evinced keen interest in Unani Medicine as well as the activities and achievements of the Council. The programme that aimed at creating public awareness about science and technology showcased the country's strengths and potential and Research and Development taking place in science and technology, besides highlighting traditional practices and their unique contributions in this field.

The CCRUM pavilion displayed its progress in different research programmes and offered the visitors free health check-up and consultancy and Unani treatment by the Council's Unani physicians. The visitors were also provided with free literature on Unani Medicine and healthy living as well as the success stories of the Council. The CCRUM pavilion was adjudged the best. At the valedictory session on 26 November the Council was presented with the excellent pavilion award along with a memento by the Madhya Pradesh Minister of Science & Technology, Information Technology and PWD Mr. Kailas Vijayvergiya.

On behalf of the Department of AYUSH, Dr. Mohammed Khalid Siddiqui, Director, CCRUM coordinated the event.

CII Fair at Chandigarh

The Central Council for Research in Unani Medicine (CCRUM) participated in CII Fair 2007 organized at Chandigarh from 2 to 5 November. Mayor of Chandigarh Mrs. Harjinder Kaur inaugurated the event on 2 November.

The Council's stall at the fair exhibited the Council's leads in its research programmes and its publications. The stall offered the visitors free literature produced by the Council on Unani Medicine and the Council's progress in research. The Council's physician also offered the visitors free health check-up and consultancy besides informing them about ways of healthy living mentioned in Unani Medicine.

Exposition at Kolkata

The Central Council for Research in Unani Medicine (CCRUM) participated in 11th National Expo at Kolkata from 7 to 14 September. The exposition, which was inaugurated by Mr. Asok Bhattacharya, West Bengal Minister in charge of Municipal Affairs & Urban Development, had participants from various departments of different Ministries.

The CCRUM stall displayed research activities and achievements of the Council. It also showed research and kit medicines being used by the Council OPD/IPD patients. Live medicinal plants along with descriptions of their uses in various diseases were also displayed at the stall. The stall offered the visitors free consultancy and treatment facility through Unani system of medicine and free literature on Unani Medicine, Healthy Living and the Council's progress. The Council's physician from its Regional Research Institute of Unani Medicine (RRIUM), Kolkata attended to the visiting patients. Prof. Basudeb Barman, Member of Parliament (Lok Sabha) and Former Vice Chancellor, University of Kalyani and a number of other dignitaries visited the Council's stall and appreciated the display. They expressed keen interest in Unani Medicine as well as the activities and achievements of the CCRUM.

Training Programme at Dehradun

Mr. Tariq Ahmed Butt, Senior Scientific Assistant (Botany) at the Council's Regional Research Institute of Unani Medicine, Srinagar attended a short-term training programme on management of forest herbarium and arboretum held at Forest Research Institute, Dehradun from 7 to 11 May.

The course lectures basically comprised detailed update on botanical nomenclature of plants including principles, articles and the recommendation laid down from time to time at the International Code of Botanical Nomenclature (ICBN) meets.

Walk for Mental Health at New Delhi

The Council participated in a walk organized for creating public awareness about mental health on the occasion of World Mental Health Day in New Delhi on 10 October. The walk was jointly organized by Amity Institute of Behavioral Health and allied sciences and Department of Psychiatry, Dr. Ram Manohar Lohia (RML) Hospital, New Delhi. The walk aimed to promote mental health in various cultural settings was flagged off at Dr. RML Hospital by the Joint Secretary to Government of India, Department of AYUSH, Medical Superintendent of Ram Manohar Lohia Hospital and local Members of Legislative Assembly of Delhi, and it culminated at the India Gate.

Staff of the CCRUM took active part in the walk and distributed Unani Medicine literature relating to mental health among the people. The literature signified the importance of mental health as described in classics of Unani Medicine. Besides, the doctors and staff of Dr. RML Hospital, children from various schools and representatives of some other organizations also participated in the walk.

Swasraya Bharath-2007 Exhibition at Cochin (Kerala)

The Council's researchers from the Regional Research Institute of Unani Medicine (RRIUM), Chennai participated in the *Swasraya Bharath-2007* exhibition and National self reliance week organized at Cochin, Kerala from 9 to 15 October. Organized by the Swadeshi Science Movement, Kerala, the event was inaugurated by Dr. R. Chidambaram, Principal Scientific Adviser to Government of India in the presence of Dr. N. Bahulayan, Chairman, Exhibition Committee, Prof. Dr. V. P. N. Nampoori, President, Swadeshi Science Movement, Dr. C. V. Ananda Bose IAS, Chairman, *Swasraya Bharat 2007* and Dr. V. N. Rajasekharan Pillai, Vice-Chancellor, IGNOU.



The CCRUM pavilion at the exhibition displayed the Council's progress in its various research programmes, the Council's publications and samples of raw drugs used in Unani Medicine. The stall offered the visitors free health check-up and consultation with Unani physicians and free literature published by the Council.

Among other dignitaries, Dr. R. Chidambaram, Principal Scientific Adviser to Government of India and Dr. Anuj Sinha, Adviser & Head, National Council for Science & Technology Communication, Department of Science & Technology, Government of India visited the Council's pavilion and appreciated the show. The Department of AYUSH display at the exhibition was adjudged the best and research institutions of Unani, Ayurveda and Homeopathy were awarded with shields and certificates for the best display.

The Council's physicians attended to over 300 patients and provided them with free Unani treatment for their ailments. The patients were advised to take follow-up treatment at Clinical Research Unit, Edathala, Kerala.

Bharat Nirman Campaign at Nellore (A.P.)

The Council took part in the Bharat Nirman public information campaign organized at Gudur, Nellore (Andhra Pradesh) from 7 to 11 August. Mrs. Panabaka Lakshmi, Minister of State for Health & Family Welfare, Government of India graced the function organized on 11 August.

During the campaign the Council put up a free health and exhibition. The CCRUM pavilion highlighted the Council's progress in its research programmes in general and that of the CRIUM, Hyderabad in particular. Also, on display were the Council's publications. The Council's physicians offered the visitors free health check-up and Unani treatment and free literature on the activities and achievements of the Council as well as Unani Medicine. Over 1500 patients suffering from various diseases benefited from the Council's health camp. Free health camps were also organized by various other State and Central Health Departments.

Arogya-2008 at Indore (M.P.)

The Central Council for Research in Unani Medicine (CCRUM) participated in *Arogya-2008* – a comprehensive fair on traditional Indian systems of medicine - Ayurveda, Yoga & Naturopathy, Unani, Siddha and Homoeopathy (AYUSH) held at Indore from 4 to 7 January.

The fair was inaugurated by Dr. Gaurishankar Shejwar, Madhya Pradesh Minister of Medical Education in the presence of Mr. Himmat Singh Kothari, the State Home Minister; Mrs. Anita Das, Secretary to Government of India, Ministry of Health & Family Welfare, Department of AYUSH; Mr. Varghese Samuel, Joint Secretary, Department of AYUSH; Mrs. Umashashi Sharma, Mayor of Indore; Mr. Basant Pratap Singh, Divisional Commissioner, Indore and other dignitaries. After the inauguration the dignitaries went round the exhibition including the CCRUM pavilion.

The CCRUM pavilion at the fair highlighted the Council's progress in the areas of clinical research, drug standardization, survey and cultivation of medicinal plants and literary research. The pavilion also displayed publications brought out by the Council as well as live samples of important Unani medicinal plants. Besides arranging sale of the Council's publications the stall offered the visitors gratis literature on Unani Medicine, healthy living and the success stories of the Council. The visitors were also educated on various aspects of Unani Medicine especially its preventive and curative strengths. Digital films on these aspects and the Council's progress were also shown.

The Council's physicians also offered the visitors free health check-up and consultancy facility including facility for assessment of their temperament according to Unani Medicine parameters.

Arogya-2008 at Amritsar

The Council participated in *Arogya-2008* – a comprehensive health fair on Indian systems of medicine including Ayurveda, Yoga & Naturopathy, Unani, Siddha and Homoeopathy (AYUSH) held at Amritsar (Punjab) from 15 to 18 March 2008. The fair was organized by Department of AYUSH, Ministry of Health & Family Welfare, Government of India in collaboration with the State Government of Punjab and organizational support from FICCI. The Arogya showcased advancements in clinical practices, research and documentation, manufacturing and the processes involved in these systems of medicine including a promotional showcase from the National Medicinal Plants Board. Major Ayurveda, Siddha and Unani manufacturing units from all over the country participated in the fair.

The programme was inaugurated on 15 March 2008 by Speaker of the Punjab Legislative Assembly Mr. Nirmal Singh Kahlon. Punjab Health Minister Professor Mrs. Lakshmi Kanta Chawla presided over the function. Other dignitaries present on the occasion included Mr. Shwet Malik, Mayor, Amritsar; Mr. B.S. Sajwan, Chief Executive Officer, National Medicinal Plants Board; Mr. K.B.S. Siddhu, Secretary (AYUSH), Government of Punjab; Mr. Jai Rup Singh Vice Chancellor, G.G.S. University, Amritsar; Mr. Rajan Kohli, S.S.P.; Kunwar Vijay Pratap Singh, S.P. City-I; Mr. Babu Lal Meena, I.G.; and Mr. Praveen Mittal, Manger, Federation of Indian

Chambers of Commerce and Industry (FICCI). After the inauguration the Punjab Health Minister Professor Mrs. Lakshmi Kanta Chawla and other dignitaries went round the exhibition. They appreciated the CCRUM pavilion and evinced keen interest in the Council's research programmes.

The CCRUM pavilion at the fair displayed the Council's progress in its research programmes, besides its publications and samples of live medicinal plants. The visitors were offered free of charge literature on Unani Medicine and success stories of the Council. Free health-check up and consultancy by Unani physicians was also available.

Lucknow Mahotsava-2007

The Council's Central Research Institute of Unani Medicine (CRIUM), Lucknow participated in the *Lucknow Mahotsava-2007* – a fair held during 30 November and 10 December 2007 to highlight developments in various walks of life in the capital city of Uttar Pradesh. The State Governor Mr. T.V. Rajeshwar gave the valedictory address to the *Mahotsava*.

At the fair the Institute put up a health camp-cum-exhibition. The CCRUM pavilion highlighted the progress made by the Council as well as the Institute in different research areas. The stall displayed Unani medicinal plants as well as the Council's publications.

The Council's camp offered the visitors free health check-up and Unani treatment facility. The Council's physicians attended to 524 patients of different diseases during the fair and gave them free of charge Unani kit medicines developed by the Council for treatment. The patients attended to were found to be suffering from dysentery, fever, loose motions, indigestion, cold & cough, leucorrhoea, rheumatoid arthritis, skin disease, diabetes, piles, etc. Majority of them suffered from rheumatoid arthritis, indigestion, cold & cough) and skin diseases.

Training for AYUSH Doctors in Kancheepuram (T.N.)

The Council's Regional Research Institute of Unani Medicine (RRIUM) participated in a two-day training workshop for AYUSH doctors in the city on 19 and 20 February. The workshop was sponsored by Government of India and organized by an NGO - Association for Rural Development (ARD), Sriperumpudur, Kancheepuram District, Tamil Nadu.

Dr N. Zaheer Ahmed, Research Officer (Unani), Regional Research Institute of Unani Medicine, Chennai attended the workshop as resource person.

The workshop was inaugurated by Dr. Syed. M. M. Ameen, Managing Director, S.K.'s Herbal Medical Hospital and Research Centre, Chennai.

At the workshop Dr. Syed M. M. Ameen and Dr N. Zaheer Ahmed gave lectures on various aspects of Unani Medicine in Tamil language. The orientation covered historical background of Unani Medicine and contribution of eminent scholars in the system's development.

Twenty-five practitioners of Indian systems of medicine from Sriperumpudur, Kancheepuram District attended the workshop. They were given introductory brochures published by the CCRUM on Unani Medicine. The participants also purchased the Council's publication on common remedies in Unani Medicine.

India International Trade Fair in New Delhi

The Council participated in the 27th India International Trade Fair (IITF) organized by India Trade promotion Organization (ITPO) in New Delhi from 14 to 27 November. The main focus of the fair was on the agro industry. The fair focusing on the agro industry was inaugurated by President of India Mrs. Pratibha Patil in the presence of Mr. Kamal Nath, Union Minister for Commerce; Mr. D. D. Lapang, Chief Minister of Meghalaya and Mr. G.K. Pillai, Secretary to Government of India, Ministry of Commerce on 14 November.

Chief Minister of Meghalaya Mr. Lapang highlighted the progress of his State in food processing and agro industries that was the theme of the state pavilion.

On 19 November Dr. Anbumani Ramadoss, Minister for Health & Family Welfare, Government of India inaugurated the Health pavilion at the Fair in the presence of Mr. Naresh Dayal, Secretary to Government of India, Ministry of Health & Family Welfare, Department of Health; and Mrs. Anita Das, Secretary to Government of India, Ministry of Health & Family Welfare, Department of AYUSH.

The Health Ministry's pavilion at the fair focused on the theme of healthy lifestyles. The CCRUM stall displayed the Council's progress in its research programmes. The Unani physicians and researchers managing the stall offered the visitors free literature on Unani medicine and the Council's success stories besides useful information on healthy living through Unani Medicine. The Council's physicians also offered free health check-up and consultation. Other activities taken up by the Council, include exposition of Council's multifaceted research activities through digital posters; display of Council's publications; distribution of literature related to Unani medicine viz. folders, brochures and other relevant materials with the view to impart awareness about healthy living .

Health Fair at Raebareilly (U.P.)

The Council's Central Research Institute of Unani Medicine (CRIUM), Lucknow participated in the *Pariwar Kalyan Evam Swasthya Mela* (Family Planning and Health Fair) held at Lalganj, Raebareilly, Uttar Pradesh from 18 to 20 October. Mrs. Sonia Gandhi, Member of Parliament and Chairperson, United Progressive Alliance, inaugurated the Mela.

Mrs. Gandhi along with Dr. Anbumani Ramadoss, Union Minister of Health & Family Welfare and other dignitaries visited the CCRUM pavilion as well as other stalls at the Mela. The two dignitaries were welcomed at the CCRUM pavilion with bouquets of flowers. Besides, large number of people including patients also visited the stall. The CCRUM pavilion displayed the progress the Council has achieved in its research programmes and its publications. Dignitaries visiting the stall included Mr. Ganesh Lodhi, MLA, Dalmau.

The Unani physicians offered the visitors free health check-up and Unani medical consultation with the help of auxiliary staff. They attended to about 650 patients and Unani medicines were distributed free of cost to the people according to their complaints. The Council's literature in Hindi, Urdu and English languages was also distributed among the visitors. Live specimens of medicinal plants along with the details of their important medicinal uses were also kept on display. Audio-visual presentations on health promoting plants were also made throughout the exhibition.

Health Fair at Chennai

The Council's Regional Research Institute of Unani Medicine (RRIUM), Chennai put up a health camp and exhibition at a health fair, having different specialty clinics, organized in the city on 3 February. Mr. R. Dasarathan, Secretary, Tamil Nadu Human Rights Commission, inaugurated the event.

The CCRUM pavilion, besides displaying the Council's progress in its various research programmes, offered the visitors free Unani treatment with kit medicines developed by the council as well as health check-up and consultancy by the Council's physicians. Over 250 patients benefited from the facility. The Council's staff managing the stall also provided to over 50 visitors facility for haemoglobin estimation and urine testing for presence of sugar. Samples of raw Unani drugs were also exhibited at the stall.

Over 800 people visited the Council's show. The visitors were informed about the basic concepts of health and disease in Unani Medicine and the safety and efficacy of Unani medicines as well as the system's potential for healthy living. They were given free literature on Unani Medicine as well as the Council's successes in different areas of research in the system.

Pulse Polio Programme in Hyderabad and Chennai

The Council's Central Research Institute of Unani Medicine (CRIUM), Hyderabad and Regional Research Institute of Unani Medicine (RRIUM), Chennai took active part in the Pulse Polio Programme in the respective cities on 6 January.

The CRIUM, Hyderabad put up a polio post at the institute's premises as part of the Pulse Polio Programme on that day. The programme was organized in collaboration with the Urban Health Post Vinayak Nagar, Borabanda, Hyderabad. The vaccine, banners and other inputs were provided by the Medical Officer Urban Health Post, Dr. Swarajya Lakshmi. Thirty-one children under five years of age received the polio drops, and their parents were advised to bring the children for the next round to be conducted on 10 February.

At RRIUM, Chennai the day-long Pulse Polio Programme was conducted in co-ordination with Royapuram Health Post in Zone II of Chennai Corporation. Eight hundred and forty-six children including 817 below five years of age and 29 above that benefited from the activity. Of the beneficiaries, 186 children received the vaccine at the institute premises and the remaining 660 were covered under the door-to-door campaign.

ORGANIZATION OF HEALTH CAMPS

Health Camp at Cuttack (Orissa)

The Council's Regional Research Institute of Unani Medicine (RRIUM), Bhadrak organized a free health check-up camp at Erakana Panchyat in Nishchinta Koili, Mahanga Block, Distric Cuttack. The camp was organized on the request of Secretary, National Institute of Applied Human Research & Development (NIAHARD). At the health camp about 400 patients were checked up by the Council's Unani physicians and



received free Unani treatment. The patients were advised to visit RRIUM, Bhadrak for further consultation and treatment. They were also given tips for healthy living through Unani Medicine.

Health Camp at Sarai Meer in Azamgarh (U.P.)

The Council's Central Research Institute of Unani Medicine (CRIUM), Lucknow organized a health camp at Sarai Meer in District Azamgarh, Uttar Pradesh during 28 and 31 December 2007.

The health camp offered the visitors free health check-up by Council's Unani physicians and treatment with Unani kit medicines developed by the Council for the treatment of common ailments. A total of 1537 patients were attended to and given free Unani treatment.

INAUGURATION OF BUILDING

Inauguration of New Premises of RRIUM, Srinagar

Dr. Anbumani Ramadoss, Minister of Health and Family Welfare, Government of India inaugurated the new premises of the Council's Regional Research Institute of Unani Medicine (RRIUM) in the presence of Jammu and Kashmir Chief Minister Mr. Ghulam Nabi Azad, who presided over the function, at the University of Kashmir in Srinagar on 3 July.

On this occasion Mr. Jai Ram Ramesh, Minister of State for Commerce, Government of India; Mr. Mangat Ram Sharma, Minister of Health & Family Welfare, Government of Jammu & Kashmir, Mr. Peerzada Mohammad Hussain, Minister of State for Health & Power, Government of Jammu & Kashmir; Mr. Shiv Basant, Joint Secretary to Government of India, Ministry of Health & Family Welfare, Department of AYUSH; Prof. A. Wahid, Vice-Chancellor, University of Kashmir and several other dignitaries were also present.

Dr. Anbumani Ramadoss and Mr. Ghulam Nabi Azad accompanied by Mr. Jai Ram Ramesh, Mr. Mangat Ram Sharma and other dignitaries, escorted by Dr. Mohammed Khalid Siddiqui, Director, CCRUM, went round the new premises of the RRIUM, Srinagar. Dr. Anbumani Ramadoss and Mr. Ghulam Nabi Azad planted saplings of medicinal plants in herb garden at the premises.

At the function organized to mark the inauguration of the new premises of the Institute, Dr. Anbumani Ramadoss released two of the Council's latest publications – *Regional Research Institute of Unani Medicine, Srinagar : Activities & Achievements*, and the second volume of the first part of the *Unani of Pharmacopoeia of India*. Some other publications of the Council were released by Mr. Ghulam Nabi Azad, Mr. Jai Ram Ramesh and Mr. Mangat Ram Sharma. Mr. Ghulam Nabi Azad released the third volume of the first part of the *Unani of Pharmacopoeia of India*, and a pamphlet and CD on *Some Common Unani Medicinal Plants of Kashmir* in Urdu language. Mr. Jai Ram Ramesh released the fourth volume of *Standardization of Unani Single Drugs*, and Mr. Mangat Ram Sharma released the Kashmiri version of the pamphlet and CD on medicinal plants.

Mr. Shiv Basant, Joint Secretary to Government of India, Ministry of Health & Family Welfare, Department of AYUSH thanked the guests. Earlier, in his welcome remarks, Dr. Mohammed Khalid Siddiqui, Director, CCRUM gave a brief idea of the Council's progress in its research programmes. He thanked the University of Kashmir as well as the State government to allocate precious land at Naseem Bagh at the University of Kashmir campus for developing independent premises for the Council's Regional Research Institute of Unani Medicine at Srinagar.



ISO CERTIFICATION

CRIUM, Hyderabad gets ISO 9000: 2000 certification

The Council's Central Research Institute of Unani Medicine (CRIUM), Hyderabad has been granted ISO 9000: 2000 certification for quality management in the of establishment of clinical efficacy of Unani drugs, standardization of single and compound Unani drugs, development of Standard Operating Procedures (SOPs), and survey and cultivation of medicinal plants.

The certification has come from Bureau of Indian Standards - the Government of India's agency for quality management system certification. It is for the first time that an institution of research in Indian systems of medicine has received such a certification.

CELEBRATION OF NATIONAL AND INTERNATIONAL DAYS/WEEKS/FORTNIGHTS

World Health Day

At CCRUM Headquarters

The Central Council for Research in Unani Medicine (CCRUM) celebrated the World Health Day 2007 on 7 April at its headquarters and institutes in different parts of the country.

Celebrated every year on 7 April by all member states of World Health Organization, World Health Day aims to raise global awareness of a specific health theme to highlight a priority area of concern for the WHO. This year's theme is international health security. The aim of the Day is to urge governments, organizations and businesses to "*invest in health, build a safer future*".

Dr. Mohammed Khalid Siddiqui, Director, CCRUM in his message for the occasion, has urged the researchers working with different centres under the Council to explore the hidden treasures of Unani Medicine and come up with reliable solutions to various national and international health challenges so as to contribute their share in the national endeavours to invest in health and build safer future for the people leading to international health security. He said Unani Medicine offers time-tested and safe treatment for various common diseases, besides advocating ways and means to prevent disease and promote good health.

At CRIUM, Hyderabad

The Council's Central Research Institute of Unani Medicine (CRIUM), Hyderabad celebrated the World Health Day on 7 April at the Institute premises.

Presiding over the function the Institute's director Hakim S.M.A. Usmani highlighted the importance of the World Health Day and the concept of health as described in Unani Medicine. Dr. P.V. Goud, Assistant Director (Pathology) compeered the programme. Other staff who spoke on various aspects of health and diseases and Unani Medicine included Dr. Mushtaq Ahmad, Dr. Ataullah Shareef – both Deputy Directors (Unani); Dr. S. Mazhar-ul-Haq, Research Officer (Pathology); Dr. M.A. Waheed, Ressearch Officer (Unani); Dr. Shaik Imam, Research Officer (Botany) and Mrs. Varalakshmi, Social Worker.

At RRIUM, Mumbai

The World Health Day was also observed at the Council's Regional Research Institute of Unani Medicine (RRIUM), Mumbai on 7 April. The guests for the occasion were Dr. Ashok Rathod, Professor & Head, Department



of Paediatrics, Grant Medical College and J.J. Group of Hospitals; and Dr. Minhaj Sheikh, Associate Professor, Department of Paediatrics, Grant Medical College and J.J. Group of Hospitals. Dr. Ashok Rathod, in his address highlighted the need for investing in good health to build a safer future for all.

Hakim Giyasuddin Ahmed, Deputy Director in charge of the institute presiding over the function highlighted the importance of World Health Day and stressed on keeping the environment clean and disease-free for the good health of the individual as well as the society. Dr. (Mrs.) Nirmaladevi, Research Officer (Pathology) highlighted the theme of the day for the year 2007. Others who delivered lectures on various aspects of health included Dr. Mohammad Raza and Dr. Javed Inam Siddiqui – both Research Officers (Unani). Dr. (Mrs.) Najma A. Shaikh, Research Officer (Unani) thanked the guests.

World Diabetes Day

At CRIUM, Hyderabad and RRIUM, Chennai

The Council's Central Research Institute of Unani Medicine (CRIUM), Hyderabad and Regional Research Institute of Unani Medicine (RRIUM), Chennai celebrated World Diabetes Day at their respective premises on 14 November. The celebration aimed to enhance public awareness about the disease, its management and prevention.

At CRIUM, Hyderabad to mark the occasion a function was organized in the General Out-patient Department which was attended by the patients as well as the staff. The Institute's Deputy Director Incharge Dr. P.V. Goud gave a brief background of the World Diabetes Day. Dr. Mohd. Ataullah Shareef, Deputy Director in his talk on diabetes highlighted the importance of healthy change in lifestyle for control of diabetes. Others who spoke on the occasion included Dr. Shaik Imam, Research Officer (Botany); Mr. M.A.Bari Faruqi, and Dr. S.K.A.Waheed, Research Officer (Unani).

At RRIUM, Chennai on this occasion an exhibition and a public lecture on diabetes were organized besides free screening programme. The exhibits highlighted various aspects of the disease including its metabolic complications, preventive measures, diet, exercise, healthy living with diabetes etc. Hakim N. Zaheer Ahmed, Research Officer (Unani) gave a lecture on "Diabetes and its prevention". Hakim Mrs. Gowher Sultana and Hakim M.D. Alam, Deputy Directors (Unani) and other staff and general public were present at the lecture.

In the free diabetes testing programme urine examination of 64 people aging 40 years and above were conducted for testing glycosurea. Of them eight were found to have glycosurea. They were advised further checkup and necessary measures.

Hepatitis Day

At RRIUM, Patna

The Council's Regional Research Institute of Unani Medicine (RRIUM), Patna observed Hepatitis Awareness Day at its premises on 4 December. On this occasion a guest lecture was delivered by Dr. Parvez Hasan. The Institute's Deputy Director Dr. Latafat Ali Khan presided over the function. In his lecture Dr. Hasan highlighted the main causes and clinical features of hepatitis. Acknowledging the efficacy of Unani medicines in the treatment of the disease, he stressed the need for further clinical research in to this problem. Dr. S. Manzar Ahsan, Research Officer (Unani) thanked.

World AIDS Day

At CCRUM Headquarters

The Central Council for Research in Unani Medicine (CCRUM) observed World AIDS Day at its headquarters and other centres on 1 December. The slogan of the World AIDS Campaign in 2001–2010 remains “Stop AIDS. Keep the Promise”. As part of the campaign, World AIDS Day 2007 emphasizes the theme of leadership. The World AIDS Day, first launched in 1988 by WHO is a global campaign marked each year on 1 December.

In his message to the Council’s researchers on this occasion, Dr. Mohammed Khalid Siddiqui, Director, CCRUM urged the proponents of Unani Medicine to search their system for viable solutions to the increasing menace of HIV/AIDS. He called upon the votaries of Unani Medicine to be active partners and take leadership in national and international endeavours for enhancing public awareness about HIV/AIDS.

Dr. Siddiqui said that Unani Medicine has great potential and can play an important role in the prevention of HIV/AIDS. He said that the preventive strengths described in the system as the six essentials or *Asbab-e-Sitta Zarooriya* should be optimally explored for prevention of the deadly disease. He said that Unani Medicine offers potential regimens that enhance the body immunity and can be used for preventing AIDS as well as delaying the blooming of its virus. He said that the system also offers time-tested regimens for treating most of the secondary infections that afflict the AIDS patients and thus help improve their quality of life.

At CRIUM, Hyderabad

The Council’s Central Research Institute of Unani Medicine (CRIUM), Hyderabad actively celebrated “World AIDS Day” at its premises on 1 December. At the Institute’s general out-patient department (GOPD) an exhibition and an information centre on AIDS/HIV were put up for the staff, patients and the general public. Posters carrying messages on AIDS/ HIV were displayed, films on the challenge of AIDS/HIV were screened and information material on the deadly disease and its prevention were distributed. Besides the Institute’s staff, patients and the general public the show was witnessed by students and staff of a local nursing college namely Yashoda Nursing College and hospital.

The exhibition was inaugurated by Dr. P.V. Goud, Deputy Director in charge of the CRIUM, Hyderabad. The information material in four languages - Hindi, English, Urdu and Telugu, was collected from NACO and was distributed among patients and the general public present on the occasion. The ‘AIDS information centre’ put up on the occasion for providing counselling and information service on the deadly disease will function regularly.

At RRIUM, Chennai

The Regional Research Institute of Unani Medicine (RRIUM), Chennai with a view to creating awareness among the public on HIV/AIDS organized an exhibition and a public lecture on “HIV/AIDS and its prevention” at the Institute premises on 1 December.

The exhibition highlighted various aspects particularly the prevention of sexually transmitted diseases (STD) and HIV/AIDS. The Councils’ panels on principles of healthy living in Unani Medicine were also on display. About 375 people visited the show. The exhibition and public distribution material on AIDS was received from the Tamil Nadu AIDS Control Society, Chennai.

On this occasion a public lecture on HIV/AIDS and its prevention was delivered by Hakim N. Zaheer Ahmed, Research Officer (Unani) at the Institute. The audience comprised about 70 people. Those present on the occasion included the two Deputy Directors (Unani) at the Institute - Hakim (Mrs.) Gowher Sultana and Hakim M.D. Alam.

At RRIUM, Patna

The Regional Research Institute of Unani Medicine (RRIUM), Patna celebrated “World AIDS Day” at its premises on 1 December. On this occasion a guest lecture on various aspects of HIV/AIDS by Dr. Muzaffar Iqbal, Lecturer, Government Tibbi College & Hospital, Patna was organized at the Institute. Dr. Iqbal in his lecture gave historical background of AIDs/HIV, and discussed various types of the pathogen, causes of the disease, modes of its transmission, diagnostic tools and methods of its prevention.

Dr. Latafat Ali Khan, Deputy Director of the Institute presided over the lecture, which was attended by the staff of the Institute. Dr. S. Manzar Ahsan, Research Officer (Unani) thanked the guest and the audience.

At RRIUM, Mumbai

The Regional Research Institute of Unani Medicine (RRIUM), Mumbai observed the World AIDS Day on 1 December at its premises with Dr. Mukhta Chakma Adalti, Medical Officer, ART and AIDS Control Center, Department of Medicine, Grant Medical College, J.J. Hospital, Mumbai as the Chief Guest. Two Counsellors from A.R.T. and AIDS Control Center were also invited to the occasion.

At the occasion Dr. Adalati delivered a lecture on mode of transmission and prevention of HIV/AIDS. She stressed the need for investing in good health to build a safer future for all. Mrs. Vidya A Roakhande gave a talk on antiretroviral treatment whereas Ms. Manisha Bhutkar and Hakim Munawwar H. Kazmi spoke on the scope of Unani Medicine in the management of HIV/AIDS.

Other staff members of the Institute who spoke on the occasion included Dr. M.K. Nirmala Devi, Research Officer (Pathology), Hakim Masroor Ahmad Qureshi and Hakim Humaira Bano, both Research Officers (Unani).

Hakim Giasuddin Ahmed, Deputy Director (Unani) welcomed the guests and participants. Hakim (Mrs.) Najma A. Shaikh thanked the guests.

International Day for the Elderly

The Central Council for Research in Unani Medicine (CCRUM) celebrated International Day for the Elderly at its different Institutes and Units on 1 October. The International Day is dedicated to honor, respect and care for the world's elderly. In 1990, the United Nations General Assembly designated October 1st as the International Day for the Elderly, also known as the “International Day for Older Persons”.

The Council has launched specialty clinics for the senior citizens at all its clinical centres in different parts of the country. These clinics will function once a week on every Monday, and will provide to the elderly free of charge Unani treatment for their health problems and counselling on different psychological, health-related and social matters. Also, there would be no registration fee for the elderly visiting these clinics on Mondays.

The Council also intends to develop a data base of vital health information and the diseases prevalent among the elderly. During the Eleventh Five-Year Plan, the Council also proposes to take up projects on neurodegenerative disorders in the elderly.

The International Day for the Elderly was observed at the Council's Central Research Institutes of Unani Medicine at Hyderabad and Lucknow, Regional Research Institutes of Unani Medicine at New Delhi, Mumbai, Chennai, Patna, Aligarh, Bhadrak and Kolkata and Clinical Research Units at Allahabad and Burhanpur. At these centres, health check-up facility was extended to over 1000 older people. Besides, free Unani treatment was provided to over 750 aged persons suffering from different ailments. To mark the occasion, at these centres, special functions were organized to highlight the importance of the day and to raise awareness about healthcare of the elderly. A large number of elderly persons attended and benefited from these programmes.

International Day of Non-Violence

The Central Council for research in Unani Medicine (CCRUM) observed the First International Day of Non-Violence on 2 October 2007, the birthday of Father of the Nation and pioneer of the philosophy and strategy of non-violence Mahatma Gandhi. The day would become an annual event.

At this occasion, Dr. Mohammed Khalid Siddiqui, Director, CCRUM in his message to the employees of the Council said that the CCRUM fraternity should take active part in spreading the Mahatma's message of non-violence to a wider audience. He urged the Council's employees to adopt the path of non-violence, tolerance, and respect for others and peacefully contribute to life. "Non-violence should become the way of life", he said.

The Council's Central research Institute of Unani Medicine (CRIUM), Hyderabad; Regional Research Institute of Unani medicine (RRIUM), New Delhi; and RRIUM, Bhadrak celebrated the International Day with great fervour.

Hindi Fortnight Celebrations at CCRUM

Hindi is not merely the official language of the country but it is the nation's pride. Therefore its use in personal as well as official communication should be promoted. This was stressed at the *Hindi Pakhwada Puraskar Vitran Samaroh* (Hindi Fortnight Prize Distribution Ceremony) organized at the Central Council for Research in Unani Medicine (CCRUM) headquarters in New Delhi on 13 September.

On this occasion Mr. Krishna Narana Pandey, Joint Director (Official Language), Department of AYUSH, Ministry of Health & Family Welfare, Government of India was the Chief Guest. Dr. B.T.C. Murthy, Director, Central Council for Research in Yoga & Naturopathy (CCRYN) presided over the function. There were three guests of honor for the occasion – a poet from Allahabad Mr. Jamuna Prasad Upadhyaya, and two poetesses from Delhi Dr. Sarita Sharma and Mrs. Mamta Kiran.

In his address the Chief Guest Mr. Krishana Narayana Pandey said that Hindi is the symbol of Indianism and therefore deserves to be held in the highest esteem by every Indian. He said that well-planned and sustained efforts should be made for preserving and promoting the language. He urged the Council to hold seminars and workshops on various aspects of Hindi language as well as *Kavi Sammelans* (functions for poetry recitation) more frequently, and to participate in the multifaceted growth of the national language actively.

Earlier welcoming the guests and the attendees, Dr. Mohammed Khalid Siddiqui, Director, CCRUM said that the use of Hindi in official and interpersonal communication in the Council was on the increase. He said that the majority of the Council's employees in the northern part of the country were well-versed in the usage of Hindi language in their work. Besides, it was also being encouraged in those centres of the Council that were located in the non-Hindi speaking States.

Dr. Siddiqui informed that the Council brought out books and publicity material in Hindi as well as other regional languages to popularize Unani Medicine among a larger section of our population. He said the employees of the Council also take part in other events relating to Hindi language, besides the Council-sponsored contests. He said, "We are trying to add Unani Medicine to the treasures of Hindi while using Hindi for propagation of Unani Medicine".

Dr. B.T.C. Murthy, Director, CCRYN in his presidential remarks appreciated the CCRUM's efforts in promoting use of Hindi in their work. He said that all the four Councils including CCRAS, CCRUM, CCRYN and CCRH should also make joint ventures while making their own respective efforts for promoting the national language.



The three guest poets presented their poetry at the occasion and entertained the audience. Also, from among the Council's employees Dr. Husain Majid, Assistant Editor; Dr. Khalid Mehmood Siddiqui, Assistant Director (Unani) and Mr. Mehr-e-Alam Khan, Research Officer (Publication) recited their poems.

On this occasion the guests also gave away prizes to the Council's employees for their performance in the different contests organized by the Council at the headquarters on 11 and 12 September. Mr. Mehr-e-Alam Khan, who was Coordinator of the CCRUM Hindi fortnight celebrations, anchored the ceremony.

The centres of the Council functioning in different parts of the country also celebrated the Hindi Pakhwara and organized various contests and special functions aiming to promote the use of Hindi in official work and also in personal interactions. The Council's centres where the Hindi fortnight was celebrated with great enthusiasm included Central Research Institute of Unani Medicine, Hyderabad; Regional Research Institute of Unani Medicine, Patna; and Clinical Research Unit, Allahabad.

FOREIGN DELEGATIONS

Sri Lankan Delegation

A four-member delegation from Institute of Indigenous Medicines (IIM), University of Colombo, Rajagriya, Sri Lanka visited the headquarters of Central Council for Research in Unani Medicine (CCRUM) in New Delhi on 17 and 19 July.

Led by Dr. R.S. Jayawerdene, Director, IIM the delegation included three senior faculty members - M.C.M. Maheez, Dr. Mahudun Seinadeen and Dr. A.H. Mohammed Mawjood. During their two visits to the CCRUM headquarters the delegation had exchange of views with Dr. Mohammed Khalid Siddiqui, Director, CCRUM on different areas of collaboration between the two institutions – IIM and CCRUM – for holistic development of Unani Medicine in Sri Lanka.

Dr. Mohammed Khalid Siddiqui assured the delegation all possible efforts for developing closer links between the two countries as well as the two institutions for greater development of Unani Medicine. He told the delegation that Government of India was extending full support and increasing funds for the all round development of Unani Medicine in the country. As a result, India at present is the world leader in Unani Medicine. He briefed the delegation about the Council's progress in different fields of research - clinical research, drug standardization, survey and cultivation of medicinal plants and literary research. He said that the Council was busy developing collaborations with leading institutions of scientific and medical research in the country.

Dr. Jayawerdene invited Dr. Siddiqui to visit Sri Lanka along with other Indian experts and advise ways and means to promote Unani Medicine in that country. He said that he would like to adopt the CCRUM model at his institute. He also made a presentation on the activities of his institute in particular those related to Unani Medicine. He said that the institute was also trying to develop collaborations with the two Indian Universities namely Aligarh Muslim University, Aligarh and Jamia Hamdard, New Delhi to have for the development of education of Unani Medicine in his country.

Technical officers at the CCRUM headquarters who discussed with the delegation salient features of their respective research programmes included Dr. Shamshad Ahmad Khan, Assistant Director (Chemistry); Dr. Khalid Mahmood Siddiqui, Assistant Director (Unani) and Mr. Aminuddin, Research Officer (Botany). Earlier, Mr. Mehr-e-Alam Khan, Research Officer (Publication) made a presentation on the background and present status of Unani Medicine in India. Members of the delegation went round the museum and library at the CCRUM headquarters.

The delegation also visited the Council's Central Research Institute of Unani Medicine, Hyderabad on 19 and 20 July and the Regional Research Institute of Unani Medicine, Chennai on 21 July.

American Delegation

Professor George St. Lauren along with two of his colleagues from Department of Bio-Chemistry & Molecular Biology, George Washington University, Washington D.C., USA visited the Council's headquarters in New Delhi on 27 July and the Central Research Institute of Unani Medicine (CRIUM), Hyderabad on 28 July.

At the headquarters Dr. Mohammed Khalid Siddiqui, Director, CCRUM welcomed the guests and briefed them about the activities of the Council and the leaps it has made in clinical research, drug standardization, survey and cultivation of medicinal plants, and literary research.

Prof. George St. Lauren was in India to study the indigenous systems of medicine being practised in the country. Talking to the Director and technical officers of the CCRUM at the headquarters Prof. Lauren proposed to undertake studies on the molecular biology of Unani medicines in collaboration with the CCRUM.

At CRIUM, Hyderabad Prof. Lauren and his colleagues were received by Dr. S.M.A. Usmani, Director of the Institute. In the discussion with Dr. Usmani and the technical staff at the Institute, Prof. Lauren emphasized that there was a need to create scientific evidence for various strengths of Unani Medicine.

Japanese Delegation

A two-member delegation from Japan consisting of Prof. Hiroyuki Sakamaki and Mr. Naoya Ono was at the CCRUM headquarters in New Delhi on 21 September.

Prof. Hiroyuki Sakamaki is Professor at Department of Clinical Economics, Faculty of Pharmaceutical Science, Meijo University, Nagoya and Mr. Naoya Ono is Senior Researcher at Center for the Twenty-first Century System, The Institute for Future Technology, Koto-ku, Tokyo. The two researchers were escorted by Ms. Madhu Mundra who coordinated their visit.

The Japanese were interested in knowing about the research and development taking place on in Unani Medicine in India as well as the use of the system's potential in public healthcare. They were particularly interested in the economics of clinical services offered through Unani Medicine besides the quality, safety and efficacy of the drugs.

The two visitors met Dr. Mohammed Khalid Siddiqui, Director, CCRUM and other technical officers at the headquarters. They were briefed about the progress the Council had made in its research programmes and the linkages it had developed with leading scientific institutions, besides the background and present status of Unani Medicine in the country by Mr. Mehr-e-Alam Khan, Research Officer (Publication). They were also taken around the museum and the library at the headquarters.

Visitor from South Africa

Dr. Rashid Bhikha, Chairman, Ibn Sina Institute of Tibb, Industria, South Africa visited the CCRUM headquarters in New Delhi on 2 November and met Dr. Mohammed Khalid Siddiqui, Director, CCRUM and technical officers at the headquarters. During the meeting Dr. Bhikha said that India and South Africa should join together in developing and propagating Unani Medicine at both national and international levels and that there was an urgent need for an international association for the this purpose.

Dr. Bhikha said that his institute would like to sign Memoranda of Understanding with the CCRUM as well as the Department of AYUSH for developing Unani medical education and pharmaceutical research in his country.

Responding to Dr. Bhikha's ideas Dr. Mohammed Khalid Siddiqui said that a beginning could be made with promoting exchange of academics and researchers in the field of Unani Medicine and drug material used in the system between the two countries. He said that India, being the world-leader in Unani Medicine, had much to offer in this field to South Africa as well as other countries of the world.



Dr. Siddiqui suggested to Dr. Bhikha to take necessary steps for recognition of Indian degrees in Unani Medicine in South Africa. He said the CCRUM as well as the Department of AYUSH would extend all possible help to the Ibn Sina Institute of Tibb and other institutions in South Africa to develop research, education and healthcare in Unani Medicine.

INDIAN DELEGATIONS ABROAD

Indian Delegation to the USA

Dr. Mohammed Khalid Siddiqui, Director, Central Council for Research in Unani Medicine (CCRUM) visited the USA from 5 to 12 March 2008 as a member of a Government of India delegation led by Mr. Verghese Samuel, Joint Secretary, Department of AYUSH, Ministry of Health & Family Welfare. Other members of the delegation were Dr. S.K. Sharma, Adviser (Ayurveda), Department of AYUSH; and Dr. Y.S. Bedi, Scientist 'F', Indian Institute of Integrative Medicine (IIIM), Jammu. The visit was instrumental in setting up of a Centre for Research in Indian Systems of Medicine (CRISM) at National Center for Natural Products Research (NCNPR), University of Mississippi, USA in collaboration with Department of AYUSH.

On 6 and 7 March the delegation visited National Center for Natural Products Research (NCNPR), Department of Pharmacology and Center for Traditional Chinese Medicine Research at the University of Mississippi. The discussions at the NCNPR focused on the proposed Centre for Research in Indian Systems of Medicine (CRISM) to be established jointly with the Department of AYUSH. On 10 March the delegation met officers and scientists from National Center for Complementary and Alternative Medicine (NCCAM), Fogarty International Centre and National Institute of Health (NIH), Bethesda, Maryland. An officer from Division of International Relations presented an overview of the NIH and about current NIH collaborations with India.

This was followed by presentations by members of the Indian delegation about the strengths of Unani Medicine and Ayurveda. The NIH officials said that the proposed CRISM would help raise the profile of Indian Systems of Medicine (ISM) in the USA. The visiting delegation also briefed the scientists from Office of Dietary Supplements (ODS), NIH about the *Unani Pharmacopoeia of India* and *Ayurvedic Pharmacopoeia of India*.

On 11 March the Indian delegation had a meeting with the officials and scientists from the USFDA at Center for Food Safety and Applied Nutrition (CFSAN), College Park, Maryland, and visited the FDA analytical laboratories. On the same day, the delegation also met at the Indian Embassy in Washington, DC with the Indian allopathic doctors sympathetic to the ISM and other interested persons to discuss as to how teaching and research in the ISM could improve. The experts felt that the Department of AYUSH should collaborate with institutions rather than individuals so that work is done effectively.

Indian Delegation to Abu Dhabi, UAE

Dr. Mohammed Khalid Siddiqui, Director, Central Council for Research in Unani Medicine (CCRUM) was part of a Government of India delegation that visited Abu Dhabi, United Arab Emirates (UAE). The Indian delegation from Department of AYUSH, Ministry of Health & Family Welfare was there to participate in the *Arab Naturals* – an exposition of traditional complementary and herbal products - held there from 4 to 6 December.

The delegation, besides Dr. Siddiqui, had two other senior officers - Mr. D.D. Sharma, Director, Department of AYUSH; and Mr. P.A. Sawant, Director (I.F.), Ministry of Health & Family Welfare. The Indian delegation had a detailed discussion with Dr. Mazhar Ali Naji, Director-General, Zayed Complex for Herbal Research and Traditional Medicine (WHO Collaborating Centre) Health Authority, UAE on various issues relating to traditional medicines and herbal products. Speaking on behalf of his government Dr. Naji said that the UAE was keenly interested in the Indian efforts of licensing the drug industry, introduction of GMP, development of pharmacopoeial standards, regulation of education of Indian systems of medicine etc.

The Indian group informed the UAE authorities on some country specific drugs in which India might be interested could be procured from Arabian lands and many India specific plants which they might be interested in. The two sides also discussed scope of export and import of herbal products.

In the UAE presently a drug can be introduced only after the certification of the UAE Drug Authority'. Similarly, the Ayurvedic and Unani graduates can practice only after going through the process of examination. Dr. Naji was interested in some orientation courses in Traditional Medicine for Modern Medicine graduates. The Indian delegation informed him that the postgraduate courses in the field of Ayurveda and Unani could also be offered to the UAE graduates of Modern Medicine and allied sciences. Other areas of dialogue included recognition of designated centres in both countries for collaborative research and development, setting up of new R & D Centres on mutual basis, access to TKDL developed by the Government of India and share of experiences in the important areas of medicinal plants.

The Traditional Complementary & Herbal Products Expo and Conference was inaugurated on 4 December by Dr. Mazhar Ali Naji, Director-General, Zayed Complex for Herbal Research and Traditional Medicine (WHO Collaborating Centre) Health Authority (U.A.E). The Conference had good participation of Herbal Drug Industry and other stakeholders.

The Department of AYUSH's pavilion at the occasion had displays from the CCRUM, CCRAS, NMPB and Oushadhi from Kerala highlighting their respective progress in various fields. The visitors appreciated the Indian exposition, in particular the CCRUM exposition. They showed keen interest in the research and development taking place in the country in its native traditional systems of medicine including Unani Medicine, Ayurveda and Siddha especially the medicinal plants sector.

The visitors showed special interest in the CCRUM exhibits showing the Council's achievements in clinical research especially on Vitiligo, Eczema, Psoriasis and Bronchial Asthma; quality control of Unani drugs, literary publications particularly Kulliyat-Ibn-e-Rushed - a book on basic principles, and 'Kitab-al Abdal' - a book on drug substitutes in Arabic. Both the Council's exhibits having description in both Arabic and English, and its publications in the two languages left good impact. Many visitors inquired about the facilities for Unani treatment, consultancy, cultivation of medicinal plants, and standardization work on Unani drugs, and they were adequately informed and provided with literature.

A set of publications including copies of National Formularies and Pharmacopoeias of India were kept in the Indian Embassy along with exhibits. The sets of publications were also presented to Director-General, Zayed Complex and Health Authorities of Abu Dhabi.

Indian Delegation to Singapore

An Indian delegation from the Department of AYUSH, Ministry of Health & Family Welfare that was in Singapore during 15 and 19 August to participate in an exhibition - *Salam India Expo 2007*. The delegation observed that there were good prospects for Unani Medicine as well as other Indian systems of medicine in Singapore.

The Department of AYUSH put up its pavilion at the exhibition inaugurated on 15 August by Minister for Trade in Singapore in the presence of. Dr. S. Jaishankar, High Commissioner of India in Singapore. After inauguration High Commissioner of India in Singapore visited the AYUSH pavilion and evinced keen interest in the various Indian systems of medicine especially Unani Medicine. Earlier, the representatives of the Department of AYUSH had discussions with High Commissioner of India in the Chancery premises on Ayush systems. They also took part in the Independence Day celebration where the Indian community was present.

The AYUSH delegation felt that Unani Medicine that offers successful treatment for skin diseases may find many takers in Singapore as skin disorders are quite common in that country. Indian experts of Unani



Medicine may sent for exploring the possibility of introducing Unani Medicine in that country and some seminars can also be organized in consultation with High Commissioner of India in Singapore.

The delegation informed the Indian High Commissioner that Mrs. Anita Das, Secretary, Department of AYUSH was very keen on spreading global awareness about AYUSH systems and introducing them to Singapore and other countries. The High Commissioner of India expressed hope that greater interaction should take place between the two countries with regard to popularizing the Indian systems of medicine in Singapore.

The Department of AYUSH pavilion exhibited the progress India has made in the development of its various systems including Ayurveda, Yoga & Naturopathy, Unani, Siddha and Homoeopathy. The exhibits at the AYUSH pavilion had representation of different research councils including Central Council for Research in Unani medicine (CCRUM), National Medicinal Plants Board (NMPB) and TAMPCOL. Mr. T.S. Bhatia, Deputy Secretary, Department of AYUSH; Dr. Pawan Kumar Yadav, Research Officer (Clinical Pharmacology), CCRUM; Mr. A.K. Haqqi from NMPB, New Delhi; Mr. G. Ramanathan Marketing Manager, Tampcol; Mr. Krishan Chander Yadav, CEO, SMPB, Chattisgarh; and Managing Director, IMPCL actively participated in the event. A large number of visitors came to the AYUSH pavilion and enquired about the AYUSH systems. They made specific enquiries about Unani treatment for Eczema, Filariasis, Psoriasis, Vitiligo and skin allergies. The visitors were given free printed material and CDs on different AYUSH systems. A short film on AYUSH was also screened for the visitors.

RETIREMENTS

Dr. R.D. Girach

Dr. Razzak Daud Girach, Research Officer (Botany) at the Council's Regional Research Institute of Unani Medicine, Bhadrak retired from service on superannuation on 30 September.

Dr. Girach joined the Council on 26 December 1981. He has to his credit several scientific papers published in journals of national and international repute. He surveyed almost all the forest divisions of Orissa and parts of Bihar and Jharkhand during his stay at the Survey of Medicinal Plants Unit at RRIUM, Bhadrak. He also served as Incharge of the Institute for about six months in 2005.

Dr. Husain Majid

Dr. Husain Majid, Assistant Editor at the CCRUM headquarters retired on superannuation from the Council service on 31 December.

Mr. Majid joined the Council as Proof Reader on 24 February 1984. During the service he obtained his Ph. D. in Urdu in 1985 from Meerut University, Meerut (U.P.) and was appointed Assistant Editor in 1992.

DEATHS

Mr. Jayrasan

Mr. Jayrasan, Investigator, Regional Research Institute of Unani Medicine, Patna died on 19 November 2007.

Mr. K.P. Reddy

Mr. K.P. Reddy, Assistant Director (Administration), Central Research Institute of Unani Medicine, Hyderabad died on 14 March 2008.

Appendix-I

**LIST OF RESEARCH PAPERS PRESENTED IN
SEMINARS/WORKSHOPS/CONFERENCES**

S. No.	Title of the Paper	Name of Authour(s)	Name of the Institute/Unit	Event, Place & Date(s)
1.	Some folklore claims of medicinal plants useful in rheumatism.	R.I. Ansari, S. Ahmed & I.U. Khan	RRIUM, Aligarh	International Seminar on Global Health Scenario and Unani Medicine. All India Tibbi Conference, New Delhi, 28-30 August 2007.
2.	Iron deficiency anaemia in developing countries – it is major problem	Parvez Khan, Amir Abbas, Soofia Abbas, Mohd Naseem, Shagufta Rehman & I.U. Khan	RRIUM, Aligarh	International Seminar on Global Health Scenario and Unani Medicine. All India Tibbi Conference, New Delhi, 28-30 August 2007.
3.	A Scientific profile of the dietetic restrictions and recommendations in Humma-e-Taiphodia (Typhoid fever)	Shagufta Rehman Amir Abbas, Soofia Abbas, Mohd Naseem, Parvez Khan & I.U. Khan	RRIUM, Aligarh	International Seminar on Global Health Scenario and Unani Medicine. All India Tibbi Conference, New Delhi, 28-30 August 2007.
4.	Potent raw material in drug manufacturing.	Sarfaraz Ahmad, Z.A. Ali, R.I. Ansari & I.U. Khan	RRIUM, Aligarh	International Seminar on Global Health Scenario and Unani Medicine. All India Tibbi Conference, New Delhi, 28-30 August 2007
5.	Characterstics of raw material of plants in drug manufacturing	R.I. Ansari, S. Ahmed, Z.A. Ali & I.U. Khan	RRIUM, Aligarh	International Seminar on Global Health Scenario and Unani Medicine. All India Tibbi Conference, New Delhi, 28-30 August 2007.
6.	Natural way to get well and stay well	Amir Abbas, Soofia Abbas, Shagufta Rehman, Parvez Khan & I.U. Khan	RRIUM, Aligarh	International Seminar on Global Health Scenario and Unani Medicine. All India Tibbi Conference, New Delhi, 28-30 August 2007.
7.	Eminent Unani physicians and drugs for contraception	Soofia Abbas, Amir Abbas, Shagufta Rehman, Parvez Khan & I.U. Khan	RRIUM, Aligarh	International Seminar on Global Health Scenario and Unani Medicine. All India Tibbi Conference, New Delhi, 28-30 August 2007.
8.	Theory of temperament in system of Unani Medicine	Parvez Khan, Amir Abbas, Soofia Abbas, Mohd Naseem, Shagufta Rehman & I.U. Khan	RRIUM, Aligarh	International Seminar on Global Health Scenario and Unani Medicine. All India Tibbi Conference, New Delhi, 28-30 August 2007.



S. No.	Title of the Paper	Name of Authour(s)	Name of the Institute/Unit	Event, Place & Date(s)
9.	The Unani dietotherapeutic regimen for obesity (Siman-e-Mufrit) – A scientific appraisal	Shagufta Rehman, Amir Abbas, Soofia Abbas, Mohd. Naseem, Parvez Khan & I.U. Khan	RRIUM, Aligarh	International Seminar on Global Health Scenario and Unani Medicine. All India Tibbi Conference, New Delhi, 28-30 August 2007.
10.	Obesity and its management in Unani Medicine with special reference to <i>Al-Hawi</i> .	Sarfraz Ahmed Z.A. Ali, R.I. Ansari & I.U. Khan	RRIUM, Aligarh	International Seminar on Global Health Scenario and Unani Medicine. All India Tibbi Conference, New Delhi, 28-30 August 2007
11.	Insomnia-a lifestyle disease and its management through system of Unani Medicine.	R.I. Ansari, S. Ahmed & I.U. Khan	RRIUM, Aligarh	International Seminar on Global Health Scenario and Unani Medicine. All India Tibbi Conference, New Delhi, 28-30 August 2007
12.	Clinical efficacy of Unani kit medicines in primary health care.	Mohd. Ayub Khan	CRU, Allahabad	National Seminar on Role of Unani Medicine in Primary Health Care, Gandhi Auditorium, University of Kashmir, Srinagar, 4 July 2007
13.	Bamboo – its utilisation and global challenges.	Mohd. Ayub Khan & A. Siddiqui	CRU, Allahabad	IN BAR-Utthan Bamboo Conference, Utthan Centre, Jhalwa, Allahabad 21 August 2007
14.	Role of Safoof Ziabetes as hypoglycaemic agent in Type-II Diabetes (NIDDM)	Mohd. Ayub Khan	CRU, Allahabad	International Conference on Research Advance in Traditional Medicine Jamia Hamderd, New Delhi 30-31 October 2007
15.	Diabetes mellitus – a new trend of its prevention	Ashok Kumar Mohd. Ayub Khan	CRU, Allahabad	International conference on Research advance in Traditional medicine Jamia Hamderd, New Delhi 30-31 October 2007
16.	Stress and its management by Unani Medicine	Mohd. Ayub Khan	CRU, Allahabad	International Conference Ajmal Khan Tibbiya College 8-9 November 2007
17.	Management of NIDDM through a Unani oral glycaemic UNIM-215	Mohd Ayub Khan	CRU, Allahabad	NSP&M of Metabolic diseases in Unani, Jamia Tibbia Deoband 16-17 February 2007
18.	The use of Tibbi concept in treatment of stress and depression in our life style and management	Mohd Ayub Khan	CRU, Allahabad	National conference on Unani Medicine, Mohammadia Tibbia College and Assayer Hospital, Malegaon, 8-9 March 2008.

S. No.	Title of the Paper	Name of Authour(s)	Name of the Institute/Unit	Event, Place & Date(s)
19.	HIV/AIDS concept management and prevention	Mumtaz Ahmad & Mohd Ayub Khan	CRU, Allahabad	National conference on Unani Medicine, Mohammadia Tibbia College and Assayer Hospital, Malegao 8 th -9 th march, 2008.
20.	Role of Nutraceuticals in lifestyle disorders	Ghazala Javed, Abdul Hannan & M.K. Siddiqui	RRIUM, New Delhi	International conference on holistic approach of Unani Medicine in lifestyle disorders at A.K. Tibbia College, A.M.U., Aligarh on 5-7 November, 2007
21.	Zof-e-Dimagh in Unani System of Medicine	Abdul Hannan, Ghazala Javed & M.K. Siddiqui	RRIUM, New Delhi	International conference on holistic approach of Unani Medicine in lifestyle disorders at A.K. Tibbia College, A.M.U., Aligarh on 5-7 November, 2007
22.	Measures to prevent Diabetes Mellitus in Unani System of Medicine	Rashidullah Khan, Ghazala Javed, Abdul Hannan & M.K. Siddiqui	RRIUM, New Delhi	International conference on holistic approach of Unani Medicine in lifestyle disorders at A.K. Tibbia College, A.M.U., Aligarh on 5-7 November, 2007
23.	Applicability and effectiveness of regimental therapies in Waja-ul-Mafasil	Abdul Hannan, Ghazala Javed & M.K. Siddiqui	RRIUM, New Delhi	Workshop on Rheumatoid Arthritis at Jamia Hamdard, Hamdard Nagar New Delhi on 27-28 August, 2007
24.	Status paper on research work done on Waja-ul-Mafasil at RRIUM, New Delhi	Ghazala Javed, Abdul Hannan & M.K. Siddiqui	RRIUM, New Delhi	Workshop on Rheumatoid Arthritis at Jamia Hamdard, Hamdard Nagar New Delhi on 27-28 August, 2007
25.	Management of Post menopausal syndrome	Ghazala Javed	RRIUM, New Delhi	Workshop on Unani Medicine at Tibbi conference, Ghalib Academy on 29-30 August, 2007
26.	Tibb-e-Unani Kay Bunyadi Masail Aur Un Ka Hal	S.A. Khan	RRIUM, New Delhi	Workshop on Unani Medicine at Tibbi conference, Ghalib Academy on 29-30 August, 2007
27.	Role of cupping in Waja-ul-Mafasil	Abdul Hannan	RRIUM, New Delhi	Workshop on Musculoskeletal disorder at RRIUM, Srinagar on 3-5 July, 2007
28.	Treatment of diabetes in Unani system of medicine	Abdul Hannan	RRIUM, New Delhi	National seminar on Unani Medicine at Jamia Tibbiya, Deoband on 17 February 2008
29.	Evaluation efficacy of coded Unani drug UNIM-401+402 in treatment of psoriasis	Anwar-ul-Islam	RRIUM, New Delhi	National seminar on Unani Medicine at Jamia Tibbiya, Deoband on 17 February 2008

S. No.	Title of the Paper	Name of Authour(s)	Name of the Institute/Unit	Event, Place & Date(s)
30.	Effect of Essential oil of rose on Aggressive behavior Siamese fighting fish	Munawwar Hussain, Shariq Zafar, Hamiduddin M.A. Qureshi & Giasuddin Ahmed	RRIUM, Mumbai	National Conference on Unani Medicine, Mohammad Tibbia College, Malegaon, Maharashtra 8-9 March 2008
31.	Efficacy of Safoof Jawahar Mohra (SJM) on CD4 count and Clinical Manifestations in Cases of HIV/AIDS	Masroor Ali Qureshi, Humaira Bano, M.H. Kazmi & M. Khalid Siddiqui	RRIUM, Mumbai	National Conference on Unani Medicine, Mohammad Tibbia College, Malegaon, Maharashtra 8-9 March 2008
32.	Clinical efficacy of Unani drugs in Eczema	S.M.A. Hassan & M.K. Siddiqui	CRIUM, Lucknow	National Seminar on Unani Medicine in Primary Health Care with particular reference to National Rural Health Mission. Gandhi Bhawan auditorium University of Kashmir, Srinagar 4 July 2007
33.	Literary review on Arthritis	S.M.A. Hassan & M.K. Siddiqui	CRIUM, Lucknow	Workshop on Rheumatoid Arthritis CCRUM, New Delhi, 27 August 2007
34.	Clinical research work on Arthritis	Mohd. Aslam & Rafath Mehmooda	CRIUM, Lucknow	Workshop on Rheumatoid Arthritis CCRUM, New Delhi, 27 August 2007
35.	Wajaul Mafasil ke Mualeje Mein Munjiz Mushil ki Ifadiat – Ek Ilmi Jaiza.	Waseem Ahmad & S. Arfeen	CRIUM, Lucknow	Workshop on Rheumatoid Arthritis CCRUM, New Delhi, 27 August 2007
36.	Hindustan Mein Taleem – Mustaqbil Aur Imkanat	S.M.A. Hassan	CRIUM, Lucknow	International Conference on Global Health Scenario and Unani Medicine, All India Unani Tibbi Conference, New Delhi 28-30 August 2007
37.	Unani treatment of stress induced Type-III Diabetic mellitus	Mohd. Aslam	CRIUM, Lucknow	International Conference on Global Health Scenario and Unani Medicine, All India Unani Tibbi Conference, New Delhi 28-30 August 2007
38.	Tibbi Akhlaqiyat – Ikkiswin Sadi Iswi Ke Tanazur Mein	Waseem Ahmad & S. Arfeen	CRIUM, Lucknow	International Conference on Global Health Scenario and Unani Medicine, All India Unani Tibbi Conference, New Delhi, 28-30 August 2007
39.	Tibbi Tahqueeqe Hindustan Main	S. Arfeen & Waseem Ahmad	CRIUM, Lucknow	International Conference on Global Health Scenario and Unani Medicine, All India Unani Tibbi Conference, New Delhi, 28-30 August 2007

S. No.	Title of the Paper	Name of Authour(s)	Name of the Institute/Unit	Event, Place & Date(s)
40.	Unani Medicine – Challenges and Solution in the 21 st Century	M.A. Khan, Arifa khatoon & M.N. Khan	CRIUM, Lucknow	International Conference on Global Health Scenario and Unani Medicine, All India Unani Tibbi Conference, New Delhi 28-30 August 2007
41.	Abdul Hameed, All India Unani Tibbi Conference Aur Ikkiswi Sadi Ke Tibbi Taqazey	S. Arifa Khatoon, Waseem Ahmad & M.A. Khan	CRIUM, Lucknow	International Conference on Global Health Scenario and Unani Medicine, All India Unani Tibbi Conference, New Delhi 28-30 August 2007
42.	Irsaal-e-Alaq ki Tareekhi Hasiyat Aur Tibbi Ifadiyat.	Wahiduzaman Waseem Ahmad & Rafath Mehmooda	CRIUM, Lucknow	International Conference on Global Health Scenario and Unani Medicine, All India Unani Tibbi Conference, New Delhi 28-30 August 2007
43.	Garlic – its efficacy as an antitoxic anti microbial and anti rabies (A literary review from Unani Classics)	Mohd. Arshad-II, S.M. Usmani, S.M. Hassan & H.A. Lari	CRIUM, Lucknow	International Conference on Global Health Scenario and Unani Medicine, All India Unani Tibbi Conference, New Delhi 28-30 August 2007
44.	Therapeutic efficacy of Roghan-e-Surkh along with Arq-e-Ajeeb in cases of Wajaul Mafasil.	Z.H. Siddiqui	CRIUM, Lucknow	International Conference on Global Health Scenario and Unani Medicine, All India Unani Tibbi Conference, New Delhi 28-30 August 2007
45.	Hindustan Mein Tibbi Talim Ka Mustaqbil Aur Imkanat	S.M.A. Hassan	CRIUM, Lucknow	International Conference on Global Health Scenario and Unani Medicine, All India Unani Tibbi Conference, New Delhi 28-30 August 2007
46.	Unani Treatment of stress induced Type-II, Diabetes mellitus	Mohd. Aslam & A.B. Alvi	CRIUM, Lucknow	International Conference on Global Health Scenario and Unani Medicine, All India Unani Tibbi Conference, New Delhi 28-30 August 2007
47.	Fight of cancer with vegetables – A review	H.A. Lari & Rehan Zaheer	CRIUM, Lucknow	International Conference on Global Health Scenario and Unani Medicine, All India Unani Tibbi Conference, New Delhi 28-30 August 2007
48.	Globalization of Traditional Medicine	M.N. Khan, S. Arfeen, M.A. Khan & S.M. Hassan	CRIUM, Lucknow	International Conference on Global Health Scenario and Unani Medicine, All India Unani Tibbi Conference, New Delhi 28-30 August 2007
49.	Tibbi-e-Nabvi Aur Qust	Rafat Khanam, A.B. Alvi & M. Islahi	CRIUM, Lucknow	International Conference on Global Health Scenario and Unani Medicine, All India Unani Tibbi Conference, New Delhi 28-30 August 2007



S. No.	Title of the Paper	Name of Authour(s)	Name of the Institute/Unit	Event, Place & Date(s)
50.	Obesity – An international Health Hazard; Its management through Unani Medicine	Rehan Zaheer & H.A. Lari	CRIUM, Lucknow	International Conference on Global Health Scenario and Unani Medicine, All India Unani Tibbi Conference, New Delhi 28-30 August 2007
51.	Qarabadeen (Pharmacy) – Through the Ages	S.M.A. Hassan	CRIUM, Lucknow	International Conference on Recent Advances in Traditional Medicine: Challenges and opportunities, Jamia Hamdard, New Delhi, 30-31 October 2007
52.	Comparative Clinical efficacy of Unani coded formulae UNIM-851 & UNIM-853 in cases of gingivitis	Wahiduzaman & Waseem Ahmad	CRIUM, Lucknow	International Conference on Recent Advances in Traditional Medicine: Challenges and opportunities, Jamia Hamdard, New Delhi, 30-31 October 2007
53.	Laughter & Sex is good for Health. – A review	H.A. Lari & A.B. Alvi	CRIUM, Lucknow	International Conference on Recent Advances in Traditional Medicine: Challenges and opportunities, Jamia Hamdard, New Delhi, 30-31 October 2007
54.	Nutraceutical potential of spices & condiments in Unani System of Medicine with special reference to antioxidant activity.	M.N. Khan & S. Arfeen	CRIUM, Lucknow	International Conference on Recent Advances in Traditional Medicine: Challenges and opportunities, Jamia Hamdard, New Delhi, 30-31 October 2007
55.	Clinical Evaluation of Qurs-e-Mafasil + Habb-e-Asgandh+ Habb-e-Taskeen in cases of Wajaul Mafasil – A Preliminary Study.	S. Arfeen & Waseem Ahmad	CRIUM, Lucknow	International Conference on Recent Advances in Traditional Medicine: Challenges and opportunities, Jamia Hamdard, New Delhi, 30-31 October 2007
56.	Clinical trial of Unani kit medicine on the cases of Wajaul Mafasil	Rehan Zaheer & H.A. Lari	CRIUM, Lucknow	International Conference on Recent Advances in Traditional Medicine: Challenges and opportunities, Jamia Hamdard, New Delhi, 30-31 October 2007
57.	Ahad-e-Mughlia Mein Tibb Ka Mualijati Adab – Ek Jaiza	Waseem Ahmad & S. Arfeen	CRIUM, Lucknow	XXVIII All India Persian Teachers Conference & International Seminar Guru Nanak Dev University, Amritsar 27-29 December 2007

S. No.	Title of the Paper	Name of Authour(s)	Name of the Institute/Unit	Event, Place & Date(s)
58.	Niqras Ka Unani Elaj – Al-Qanoon Fit Tibb Ke Khusoosi Hawale Se	Waseem Ahmad & S. Arfeen	CRIUM, Lucknow	National Seminar on Prevention & Management of Metabolic Diseases in Unani System of Medicine Jamia Hamdard, New Delhi, 30-31 October 2007
59.	Concept of Diabetes in Unani and Modern Medicine	M. Rashid	CRIUM, Lucknow	National Seminar on Prevention & Management of Metabolic Diseases in Unani System of Medicine Jamia Hamdard, New Delhi, 30-31 October 2007
60.	Prevention of Type-II Diabetes mellitus by changing lifestyle.	A.B. Alvi	CRIUM, Lucknow	National Seminar on Prevention & Management of Metabolic Diseases in Unani System of Medicine Jamia Hamdard, New Delhi, 30-31 October 2007
61.	Ziabetes Qadeem Wa Jadeed Nazaryat Ki Roshni Mein	S.M. Qasim	CRIUM, Lucknow	National Seminar on Prevention & Management of Metabolic Diseases in Unani System of Medicine Jamia Hamdard, New Delhi, 30-31 October 2007
62.	Obesity and its management in Unani Medicine	H.A. Lari	CRIUM, Lucknow	National Seminar on Prevention & Management of Metabolic Diseases in Unani System of Medicine Jamia Hamdard, New Delhi, 30-31 October 2007
63.	Importance of prayer postures in the prevention of metabolic diseases	M.N. Khan & S. Arfeen	CRIUM, Lucknow	National Seminar on Prevention & Management of Metabolic Diseases in Unani System of Medicine Jamia Hamdard, New Delhi, 30-31 October 2007
64.	Aabzam ke Tibbi Fawaid Wajaul Mafasil Ke Hawale Se	M. Arshad - I	CRIUM, Lucknow	National Seminar on Prevention & Management of Metabolic Diseases in Unani System of Medicine Jamia Hamdard, New Delhi, 30-31 October 2007
65.	Importance of Fasd (Vennesection) in prevention & Management of Metabolic Diseases – A Literary Approach.	S. Arfeen, Waseem Ahmad, S.M. Hassan & M.N. Khan	CRIUM, Lucknow	National Seminar on Prevention & Management of Metabolic Diseases in Unani System of Medicine Jamia Hamdard, New Delhi, 30-31 October 2007



S. No.	Title of the Paper	Name of Authour(s)	Name of the Institute/Unit	Event, Place & Date(s)
66.	Management of Metabolic Diseases with Dietotherapy.	Arifa Khatoon	CRIUM, Lucknow	National Seminar on Prevention & Management of Metabolic Diseases in Unani System of Medicine Jamia Hamdard, New Delhi, 30-31 October 2007
67.	Diabetes mellitus Prevention and management through Unani Medicine		CRIUM, Lucknow	National Seminar on Prevention & Management of Metabolic Diseases in Unani System of Medicine Jamia Hamdard, New Delhi, 30-31 October 2007
68.	Hindustan Mein Tibbi Tahreeken: Hakeem Abdul Hameed se Hakeem Ajmal Khan Tak	Ahmad Sayeed	RRIUM, Bhadrak	Global Health Scenario & Unani Medicine Ghalib Academy, New Delhi, 28-30 August 2007
69.	Role of Unani medicinal plants in management of cardiac disorders	Ahmad Sayeed	RRIUM, Bhadrak	Research Advances in Traditional Medicine: Challenges and opportunities, Jamia Hamdard, New Delhi 30-31 October 2007
70.	Aahad-e-Mughaliya ki Faarsi Tasneef – Kuliyat-e-Tibb ke hawale se.	Ahmad Sayeed	RRIUM, Bhadrak	XXVIII All India Persian Teachers Conference; Gurunanak Dev University, Amritsar 27-29 December 2007
71.	Development of professional pharmacy in Arabic period.	Ahmad Sayeed	RRIUM, Bhadrak	National Conference on Indian Medicines, Jamia Urdu Aligarh, Aligarh 12-13 April 2007
72.	Chauthi Sadi Hijri ka Faarsi Nasri Adab Akhwaini ke Hawale se	Hm. Merajul Haque	RRIUM, Bhadrak	XXVIII all India Persian Teachers Conference; Gurunanak Dev University, Amritsar 27-29 December 2007
73.	Istifraagh ki Ahmiyat Tahreezi Nuqta-e-Nazar Se	Merajul Haque	RRIUM, Bhadrak	National Seminar on Prevention and Management of Metabolic Diseases in Unani Medicine, Jamia Tibbia, Deoband, 16-17 February 2008
74.	Tanaffusi Amraaz Mein Istemaal Honewali Unani Adviya Ka Ek Jaizah	Waseem Ahmad & Mohd Fazil	LRIUM, New Delhi	National Conference on Unani Medicine, All India Unani Tibbi Conference, Ghalib Academy, New Delhi 29-30 August 2007
75.	Stress Management in Tibb-e-Unani	Mohd Salim Siddiqui	LRIUM, New Delhi	National Conference on Unani Medicine, All India Unani Tibbi Conference Ghalib Academy, New Delhi 29-30 August 2007

S. No.	Title of the Paper	Name of Authour(s)	Name of the Institute/Unit	Event, Place & Date(s)
76.	Waja-ul-Mafasil and Ilaj-Bit-Tadbir	Waseem Ahmad & Mohd. Fazil	LRIUM, New Delhi	International Conference on Holistic Medicine in lifestyle diseases, Aligarh Muslim University 5-7 November 2007
77.	Role of Unani Formulation in Acute Bronchitis	Waseem Ahmad & Anwar Jamal	LRIUM, New Delhi	International Conference on Research Advances – Challenges and Opportunities organized, Jamia Hamdard, New Delhi 30-31 October 2007
78.	Phytochemical screening of Cardamom	Anwar Jamal & Waseem Ahmad	LRIUM, New Delhi	International Conference on Research Advances- Challenges and Opportunities organized, Jamia Hamdard, New Delhi 30-31 October 2007
79.	Obesity – the problem of our present way of life and its management by Tibb-e-Unani	Mohd. Salim Siddiqui	LRIUM, New Delhi	International Conference on Research Advances – Challenges and Opportunities organized, Jamia Hamdard, New Delhi 30-31 October 2007
80.	Role of Diuresis in the management and treatment of Nephrosis	Mohd. Fazil & Waseem Ahmad	LRIUM, New Delhi	International Conference on Holistic Medicine in Lifestyle Diseases organized, Aligarh Muslim University, Aligarh, U.P. 5-7 November 2007
81.	Holistic Approach of Unani Medicine in Alcoholic (Ethanolc) Liver Diseases.	Anwar Jamal	LRIUM, New Delhi	International Conference on Holistic Medicine in lifestyle diseases organized, Aligarh Muslim University, Aligarh, U.P. 5-7 November 2007
82.	Role of Diet and Exercise in the management of Obesity – A Lifestyle Disease	Mohd. Fazil & Waseem Ahmad	LRIUM, New Delhi	National Seminar on Prevention of Metabolic Diseases, Jamia Tibbia Deoband, U.P. 16-17 February 2008
83.	Role of single and compound Unani formulation in Fasaad-e-Shiryaani (Atherosclerosis)	Anwar Jamal & Mohd. Salim Siddiqui	LRIUM, New Delhi	National Seminar on Prevention of Metabolic Diseases, Jamia Tibbia Deoband, U.P. 16-17 February 2008
84.	Hakeem Abdul Hameed – A Versatile Genius	Mohd. Fazil & Waseem Ahmad	LRIUM, New Delhi	National Conference on Unani Medicine, All India Unani Tibbi Conference, Ghalib Academy, New Delhi 29-30 August 2008



S. No.	Title of the Paper	Name of Authour(s)	Name of the Institute/Unit	Event, Place & Date(s)
85.	Balghami Amraaz ka Usool-e-Ilaj	Anwar Jamal Mohd. Fazil & Waseem Ahmad	LRIUM, New Delhi	National Conference on Unani Medicine, All India Unani Tibbi Conference, Ghalib Academy, New Delhi 29-30 August 2008
86.	Introduction of Some rare Unani Medical Manuscripts with special reference to Salarjung Museum	Neelam Quddusi, Nighat Anjum & Azma	LRIUM, New Delhi	National Conference on Unani Medicine, All India Unani Tibbi Conference, Ghalib Academy, New Delhi 29-30 August 2008
87.	Contribution of Hakim Azam Khan in the field of Unani Adviya-e-Mufradah	Azma, Nighat Anjum & Neelam Quddusi	LRIUM, New Delhi	National Conference on Unani Medicine, All India Unani Tibbi Conference, Ghalib Academy, New Delhi 29-30 August 2008
88.	Ibn Zuhr and his Kitab al Taisir	Nighat Anjum, Neelam Quddusi & Azma	LRIUM, New Delhi	National Conference on Unani Medicine, All India Unani Tibbi Conference, Ghalib Academy, New Delhi 29-30 August 2008
89.	Nephroprotective effect of Revand Hindi " <i>Rheum emodi</i> " – a Unani drug	Misbahuddin Azhar, Shagufta Parveen, K.M. Siddiqui & M.K. Siddiqui	LRIUM, New Delhi	National Conference on Unani Medicine, All India Unani Tibbi Conference, Ghalib Academy, New Delhi 29-30 August 2008
90.	Role of meditation in the management of stress	Neelam Quddusi, Nighat Anjum & Azma	LRIUM, New Delhi	International Conference on Holistic Medicine in Lifestyle Diseases Aligarh Muslim University, Aligarh, U.P. 5-7 November 2007
91.	Exercise – Introduction and its pertinence in Unani system of medicine	Mohd Salim Siddiqui	LRIUM, New Delhi	International Conference on Holistic Medicine in Lifestyle Diseases Aligarh Muslim University, Aligarh, U.P. 5-7 November 2007
92.	Obesity and its treatment in Unani system of medicine	Azma, Nighat Anjum & Neelam Quddusi	LRIUM, New Delhi	International Conference on Holistic Medicine in Lifestyle Diseases Aligarh Muslim University, Aligarh, U.P. 5-7 November 2007
93.	Dietotherapy and its role in Unani system of medicine	Nighat Anjum, Neelam Quddusi & Azma	LRIUM, New Delhi	International Conference on Holistic Medicine in Lifestyle Diseases Aligarh Muslim University, Aligarh, U.P. 5-7 November 2007
94.	Kasrat-e-shahmuddam and role of Unani medicine	Misbahuddin Azhar, Shagufta Parveen, Neelam Quddusi, K.M. Siddiqui & M.K. Siddiqui	LRIUM, New Delhi	National Seminar on Prevention of Metabolic Diseases, Jamia Tibbia, Deoband. U.P. 16-17 February 2008

S. No.	Title of the Paper	Name of Authour(s)	Name of the Institute/Unit	Event, Place & Date(s)
95.	Correlation of obesity in Unani and modern medicine	Azma, Nighat Anjum & Neelam Quddusi	LRIUM, New Delhi	National Seminar on Prevention of Metabolic Diseases, Jamia Tibbia, Deoband. U.P. 16-17 February 2008
96.	Diabetes – Control through dietary modifications	Nighat Anjum, Misbahuddin Azhar, Neelam Quddusi & Azma	LRIUM, New Delhi	National Seminar on Prevention of Metabolic Diseases, Jamia Tibbia, Deoband. U.P. 16-17 February 2008
97.	Osteoporosis and Dietotherapy	Neelam Quddusi, Nighat Anjum, Azma & Misbahuddin Azhar	LRIUM, New Delhi	National Seminar on Prevention of Metabolic Diseases, Jamia Tibbia, Deoband. U.P. 16-17 February 2008
98.	Leeching – A Novel Therapy in Unani System of Medicine	Mohd Fazil & Shagufta Parveen	LRIUM, New Delhi	International Conference on Research Advances: Challenges and Opportunities, Jamia Hamdard New Delhi 30-31 October 2007
99.	Concept of Muqawwiyat in Unani Medicine	Shagufta Parveen & Mohd Fazil	LRIUM, New Delhi	National Seminar on Prevention of Metabolic Diseases, Jamia Tibbia, Deoband. U.P. 16-17 February 2008
100.	Intervention of Unani Medicine in Diabetes Mellitus	Waseem Ahmad & Mohd Fazil	LRIUM, New Delhi	National Seminar on Prevention of Metabolic Diseases, Jamia Tibbia, Deoband. U.P. 16-17 February 2008
101.	Cosmeto-therapeutic practices in Unani System of Medicine	Shagufta Parveen & Mohd Fazil	LRIUM, New Delhi	International Conference on Research Advances: Challenges and Opportunities, Jamia Hamdard, New Delhi 30-31 October 2007
102.	Stress Management in Tibb-e-Unani	Mohd Salim Siddiqui	LRIUM, New Delhi	International Seminar on Global Health Scenario and Unani Medicine, New Delhi, 29-30 August 2007
103.	Role of Single and Compound Unani Drugs in Fassad-e-Shiryani	Mohd Salim Siddiqui	LRIUM, New Delhi	National Seminar on Prevention and Management of Metabolic Diseases, Jamia Tibbia, Deoband, 16-17 February 2008
104.	Balghami Amraaz ka Usool-e-Ilaj	Anwar Jamal	LRIUM, New Delhi	International Seminar on Global Health Scenario and Unani Medicine, New Delhi, 28-30 August 2007

S. No.	Title of the Paper	Name of Authour(s)	Name of the Institute/Unit	Event, Place & Date(s)
105.	Phytochemical and Pharmacological activity of small cardamom	Anwar Jamal	LRIUM, New Delhi	International Conference on Research Advances in Traditional Medicine: Challenges and Opportunities, Jamia Hamdard, New Delhi 30-31 October 2007
106.	Holistic Approach of Unani Medicine in Alcoholic (Ethanollic) Liver Disease	Anwar Jamal	LRIUM, New Delhi	International Conference on Holistic Approach of Unani Medicine in life style disease, A.K. Tibbiya College, A.M.U., Aligarh, 5-7 November 2007
107.	Role of Single and Compound Unani Drugs in Fassad-e-Shiryani	Anwar Jamal	LRIUM, New Delhi	National Seminar on Prevention and Management of Metabolic Diseases, Jamia Tibbia, Deoband, 16-17 February 2008
108.	Islamic contribution to modern surgery	Amanullah	CCRUM, Headquarters	International Seminar on Global Health Scenario and Unani Medicine, New Delhi, 29-30 August 2007
109.	Unani Medicine in Egypt – a historical review	Amanullah	CCRUM, Headquarters	International Conference on Research Advances in Traditional Medicine: Challenges and Opportunities, Jamia Hamdard, New Delhi, 30-31 October 2007
110.	Obesity as viewed by great Arab physicians	Amanullah	CCRUM, Headquarters	International Conference on Holistic Approach of Unani Medicine in life style disease, A.K. Tibbiya College, A.M.U., Aligarh, 5-7 November 2007
111.	Atibba-e- Ahd-e- Mughaliyah ka Farsi she'ri zauq	Amanullah	CCRUM, Headquarters	All India Persian Teachers International Conference, Guru Nanak Dev University Amritsar, 27-29 December 2008
112.	Al-Hawi fit Tib vol. 17 mein mazkoor Kulliyati Mabahis	Amanullah	CCRUM, Headquarters	National Seminar on Prevention and Management of Metabolic Diseases, Jamia Tibbia, Deoband, 16-17 February 2008
113.	Regimental therapy (Ilaj bid Tadbeer) in Unani medicine	Jamal Akhtar	CCRUM, Headquarters	International Seminar on Global health Scenario and Unani medicine, Organized by All India Unani Tibbi Conference, New Delhi 29-30 August 2007
114.	Role of Unani Medicine in Warm-e-Sho'b Muzmin (Chronic Bronchitis)	Jamal Akhtar	CCRUM, Headquarters	International Conference on Research Advances in Traditional Medicine: Challenges and Opportunities, Jamia Hamdard, New Delhi 30-31 October 2007



S. No.	Title of the Paper	Name of Authour(s)	Name of the Institute/Unit	Event, Place & Date(s)
115.	Health management of adolescent girls through Unani Medicine	Jamal Akhtar	CCRUM, Headquarters	International Conference on Holistic Approach of Unani Medicine in Life Style Diseases, PG Department of Kulliyat, Faculty of Unani Medicine, Aligarh Muslim University, Aligarh 5-7 November 2007
116.	Role of Ghiza in Prevention of Metabolic Disorders	Jamal Akhtar	CCRUM, Headquarters	Seminar on Prevention and Management of Metabolic Diseases in Unani Medicine, Jamia Tibbiya, Deoband, 16-17 February 2008
117.	Contribution of Unani Physians in the Development of Endocrinology	K.M. Siddaqui	CCRUM, Headquarters, New Delhi	Humdard International Integrative Medicine Conference on 'Expanding the Horizon of Integrative Medicine' Hamdard University, Karachi, Pakistan 24-26 November 2008

Appendix-II

LIST OF RESEARCH PAPERS PUBLISHED IN JOURNALS

S. No.	Title of the Paper	Name of the Author(s)	Name of the Institute	Name of Journal/ Book	Vol. No. & Page	Year of Publication	Publisher/ Place of Publication
1.	Cultivation of Atrilal (<i>Ammi majus</i> L.) at Aligarh	Aminuddin & V.K. Singh	CCRUM Headquarters	Hippocratic Journal of Unani Medicine	Vol. 2 (2) : 45-49	2007	CCRUM, New Delhi
2.	Ethnomedicinal uses of <i>Vitex negundo</i> L. (Sambhalu) from south-eastern India	Aminuddin & V.K. Singh	CCRUM Headquarters	Hippocratic Journal of Unani Medicine	Vol. 2 (2) : 69-79	2007	CCRUM, New Delhi
3.	Folk medicinal plants used by forest ethics for treatment of liver disorders in India	Aminuddin & V.K. Singh	CCRUM Headquarters	Acta Horticultura	Vol. 756 57-62	2007	Macon, Georgia, USA
4.	Folk medicinal plants used for the treatment of bronchial asthma in India	V.K. Singh, Aminuddin & M.K. Siddiqui	CCRUM Headquarters	Acta Horticulturae	Vol. 756 63-71	2007	Macon, Georgia, USA
5.	A classical diagnostic approach to heart diseases	Aminuddin & V. K. Singh	CCRUM Headquarters	Hippocratic Journal of Unani Medicine	Vol. 2, No. 2	2008	CCRUM, New Delhi
6.	Reproductive Child Health and Unani Medicine	Zaki Ahmad Siddiqui, N.H. Khan, M. Iqbal, Naquibul Islam & Arjumand Shah	CCRUM Headquarters	Hippocratic Journal of Unani Medicine	Vol. 3 (3) : 23-29	2008	CCRUM, New Delhi
7.	Ethnomedicines in Srisailem Forests of Kurnool District, A.P.	V.C. Gupta, M.A. Mirza V.K. Singh, Aminuddin & M.K. Siddiqui	CRIUM Hyderabad	Hippocratic Journal of Unani Medicine	Vol.2, No.1, pp. 7-13	2007	CCRUM, New Delhi
8.	Ethnomedicines in Adilabad District of Andhra Pradesh	V.C. Gupta, V.K. Singh & Aminuddin	CRIUM Hyderabad	Hippocratic Journal of Unani Medicine	Vol.3, No.1, pp. 91-96	2008	CCRUM, New Delhi
9.	A contribution to the contraceptive herbs of Andhra Pradesh and Karnataka Forests of India	V.C. Gupta	CRIUM Hyderabad	Phytomedicines. Recent Progress in Medicinal Plants	Vol.16, pp.609 to 14	2008	Stadium Press LLC, USA,

S. No.	Title of the Paper	Name of the Author(s)	Name of the Institute	Name of Journal/ Book	Vol. No. & Page	Year of Publication	Publisher/ Place of Publication
10.	Medicinally important plants of East and West Godavari Districts of Andhra Pradesh	V.C. Gupta	CRIUM Hyderabad	Role of Biotechnology in Medicinal and Aromatic Plants	Vol. XVIII, pp. 102-134	2007	Ukaz Publications, Hyderabad
11.	Cultivation and Conservation of Genetic Diversity With Special Reference to Medicinal Plants of A.P. Forests	V.C. Gupta	CRIUM Hyderabad	Role of Biotechnology in Medicinal and Aromatic Plants	Vol. XVIII, pp. 135-141	2007	Ukaz Publications, Hyderabad
12.	Randomized placebo controlled clinical trial of Safoof Jawahar Mohra based on QOL parameters in HIV/ AIDS patients	Masroor Ali Qureshi, Sharique Zafar, Humaira Bano, Shagufta Parveen & M.H. Kazmi	Regional Research Institute of Unani Medicine, Mumbai.	Hippocratic Journal of Unani Medicine	Vol. 3, No. 1	2008	CCRUM, New Delhi
13.	Botanical and phytochemical standardization of Tukhm-e-Bagla	S. Hashmi & F. Ahmad	RRIUM, Aligarh	Hippocratic Journal of Unani Medicine	2 (i) : 59-65	2007	CCRUM, New Delhi
14.	Pharmacognostical study, cultivation techniques and Economics of <i>Stevia rebaudiana</i> (Bertoni) Hemsl – A boon for diabetics	S. Hashmi, V.K. Singh & M.K. Siddiqui	RRIUM, Aligarh	Recent progress in medicinal Plants: Phytomedicines (Book series) Eds. Govil et al.	Vol. 16, p 303-309	2007	Stadium Press LLC, U.S.A.
15.	Folk herbal remedies of Pilibhit district forests (Uttar Pradesh) India	Z.A. Ali & S. Ahmad	RRIUM, Aligarh	Hippocratic Journal of Unani Medicine	2 (2): 36-34	2007	CCRUM, New Delhi
16.	A contribution to the ethnopharmacology of Nanital forests of Kumaon region (Uttaranchal (India)	Z.A. Ali, S. Ahmad & I.U. Khan	RRIUM, Aligarh	Hippocratic Journal of Unani Medicine	3 (1): 35-45	2008	CCRUM, New Delhi
17.	A contribution to the Unani Medicinal Plants from Ganjam District, Orissa – I	R.D. Girach & Syed Abdullah Hussaini	RRIUM, Bhadrak	Hippocratic Journal of Unani Medicine	2 (2): 50-68	2007	CCRUM, New Delhi
18.	A study to correlate the concept of Temperament with Immunoglobulins (IgG & IgM)	Mahe Alam, S. Mehtab Ali, Rashidul Islam Ansari, Anis Ahmed Ansari	RRIUM, Bhadrak	Hippocratic Journal of Unani Medicine	2 (2): 1-7	2007	CCRUM, New Delhi

S. No.	Title of the Paper	Name of the Author(s)	Name of the Institute	Name of Journal/ Book	Vol. No. & Page	Year of Publication	Publisher/ Place of Publication
19.	A scientific correlation between blood groups and temperaments in Unani medicine	Mahe Alam, S. Mehtab Ali, Rashidul Islam Ansari	RRIUM, Bhadrak	Indian Journal of Traditional Knowledge, New Delhi	6 (2): 319-323	2007	CCRUM, New Delhi
20.	A contribution to the Unani Medicinal Plants from Ganjam District, Orissa – II	R.D. Girach & Syed Abdullah Hussaini	RRIUM, Bhadrak	Hippocratic Journal of Unani Medicine, New Delhi	3, (1): 69-89	2007	CCRUM, New Delhi
21.	Ethnomedicinal studies on Mendhasingi [<i>Pergularia daemia</i> (Forsk.) Chiov.] – A less known Medicinal Plant in Unani Medicine.	R.D. Girach & Mahe Alam	RRIUM, Bhadrak	Hippocratic Journal of Unani Medicine, New Delhi	3 (2): 31-38.	2008	CCRUM, New Delhi
22.	Some less known uses of Ethnomedicinal Plants from Bargarh District, Orissa.	R.D. Girach	RRIUM, Bhadrak	Hippocratic Journal of Unani Medicine	2 (1): 30-36	2007	CCRUM, New Delhi
23.	Menispermaceous Medicinal Plants from Orissa, India.	R.D. Girach & Aminuddin	RRIUM, Bhadrak	Hippocratic Journal of Unani Medicine, New Delhi	2 (1): 73-78	2007	CCRUM, New Delhi
24.	Medicinal Plants of <i>Euphorbiaceae</i> from Orissa, India	R.D. Girach	RRIUM, Bhadrak	Hippocratic Journal of Unani Medicine	3 (2): 79-92	2007	CCRUM, New Delhi
25.	Additions to Ethnomedicine of Santals from Hazaribagh District of Bihar, India.	Aminuddin, R.D. Girach, V.K. Singh & M.K. Siddiqui	RRIUM, Bhadrak	Hippocratic Journal of Unani Medicine	3 (2): 93-100	2008	CCRUM, New Delhi
27.	A study to show the correlation between blood groups and temperament in 400 individuals	Mahe Alam, S. Mahtab Ali, Saiqua, Rashidul Islam Ansari, Anees Ahmad Ansari & M.K. Siddique	RRIUM, Bhadrak	Hippocratic Journal of Unani Medicine	3 (2): 21-27	2008	CCRUM, New Delhi
28.	A study to show the correlation of the concept of temperament with immunoglobulin (IgG & IgM)	Mahe Alam, S. Mahtab Ali, Rashidul Islam Ansari, Anees & Ahmad Ansari	RRIUM, Bhadrak	Unimed, (Kulliyat), AMU, Aligarh	1, (2): 23-27	2007	Tibbia College, AMU, Aligarh

Appendix-III

LIST OF PARTICIPANTS OF TRAINING PROGRAMMES

S. No.	Name(s) of the participants	Name of the instt./units	Title of the training	Date and period	Name of the organizer/Venue
1.	Ghazala Javed	RRIUM, New Delhi	Workshop on Training & listening skills for faculty of medical colleges	3-5 October 2007	NIHFW, New Delhi
2.	Ghazala Javed	RRIUM, New Delhi	Clinical trial methodology	5-6 November 2007	AHERF, Apollo Hospital, New Delhi
3.	Abdul Hannan	RRIUM, New Delhi	Training programme in biomedical ethics	5 May 2007	CCRUM & ICMR, CCRUM Headquarters New Delhi
4.	Meena Kumari Nayak	RRIUM, New Delhi	Training programme in biomedical ethics	5 May 2007	CCRUM & ICMR, CCRUM Headquarters New Delhi
5.	Rahat Raza	RRIUM, New Delhi	Training programme in biomedical ethics	5 May 2007	CCRUM & ICMR, CCRUM Headquarters New Delhi
6.	Ghazala Javed	RRIUM, New Delhi	Training programme in biomedical ethics	5 May 2007	CCRUM & ICMR, CCRUM Headquarters New Delhi
7.	Rashidullah Khan	RRIUM, New Delhi	Training programme in biomedical ethics	5 May 2007	CCRUM & ICMR, CCRUM Headquarters New Delhi
8.	Abdul Raheem	RRIUM, New Delhi	Training programme in biomedical ethics	5 May 2007	CCRUM & ICMR, CCRUM Headquarters New Delhi
9.	Mohd. Salim siddaqui	LRIUM, New Delhi	Training programme in biomedical ethics	5 May 2007	CCRUM & ICMR, CCRUM Headquarters New Delhi
10.	Anwar Jamal	LRIUM, New Delhi	Training programme in biomedical ethics	5 May 2007	CCRUM & ICMR, CCRUM Headquarters New Delhi
11.	Jamal Akhtar	CCRUM, New Delhi	Training programme in biomedical ethics	5 May 2007	CCRUM & ICMR, CCRUM Headquarters New Delhi
12.	Abdul Hannan.	RRIUM, New Delhi	Introduction on clinical trial and practices	10-13 December 2007	Biomanttra CCRUM Headquarters New Delhi



S. No.	Name(s) of the participants	Name of the instt./units	Title of the training	Date and period	Name of the organizer/Venue
13.	Giyasuddin Ahmed, Mohd. Raza, Nirmala Devi & Masroor Ali Qureshi	RRIUM, Chennai	Training programme in biomedical Ethics	5 May 2007	CCRUM Headquarters, New Delhi
14.	Giyasuddin Ahmed	RRIUM, Chennai	Introduction of Clinical Trial and Practice	10-14 December 2007	CCRUM Headquarters, New Delhi
15.	Rafath Mahmooda	RRIUM, Lucknow	Introduction to clinical trials and practice	10-13 December 2007	CCRUM Headquarters, New Delhi
16.	V.C. Gupta & Shaik Imam	CRIUM, Hyderabad	Technological Options in Cultivation and Processing of Medicinal & Aromatic Plants	11-16 June 2007	Centre for Technology & Product Marketing, Hyderabad
17.	Parveez A. Siddiqui	CRU, Allahabad	Basic training and safety in traditional health practices	25 April 2007	CCRUM Headquarters, New Delhi
18.	Mohd. Ayub Khan, Zubair A. Khan & Mumtaz Ahmed	CRU, Allahabad	Training programme in biomedical ethics	5 May 2007	CCRUM Headquarters, New Delhi



ACKNOWLEDGEMENTS

The Directorate of the Council is grateful to the Union Minister of Health & Family Welfare and Minister of State for Health & Family Welfare for their support in fulfilling the objectives of the Council. The Directorate is also thankful to Secretary to Government of India, Ministry of Health and Family Welfare, Department of Ayurveda, Yoga & Naturopathy, Unani, Siddha and Homoeopathy (AYUSH) without whose encouragement and guidance the strides made in the various research programmes of the Council would not have been possible. We are also thankful to other officers in the Department of AYUSH, and are confident of their continued support and cooperation in future as well.

Thanks are also due to the scientists and scholars of various disciplines, government agencies and universities, who have been associated with research work of the Council either directly or indirectly and also to the Project Officers and research workers of the Council working at its different centres and the headquarters.



FINANCIAL STATEMENTS

Separate Audit Report of the Comptroller & Auditor General of India on the Accounts of Central Council for Research in Unani Medicine for the year ended 31 March 2008

We have audited the attached Balance Sheet of Central Council for Research in Unani Medicine as at 31 March 2008 and the Income & Expenditure Accounts/Receipts & Payment Account for the year ended on that date under Section 20(1) of the Comptroller and Auditor General's (Duties, Powers & Conditions of Service) Act, 1971. The audit has been entrusted upto the period 2008-09. These financial statements include the accounts of nine regional offices of the Central Council for Research in Unani Medicine. These financial statements are the responsibility of the Central Council for Research in Unani Medicine. Our responsibility is to express an opinion on these financial statements based on our audit.

2. This separate Audit Report contains the comments of the Comptroller and Auditor General of India (CAG) on the accounting treatment only with regard to classification conformity with the best accounting practices, accounting standards and disclosure norms, etc. Audit observations on financial transaction with regard to compliance with the Law, Rules & Regulations (Propriety and Regularity) and efficiency-cum-performance aspects, etc., if any are reported through Inspection Reports/CAG's Audit Reports separately.

3. We have conducted our audit in accordance with auditing standards generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatements. An audit includes examining, on a test basis, evidences supporting the amounts and disclosure in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management as well as evaluating the overall presentation of financial statements. We believe that our audit provides a reasonable basis for our opinion.

4. Based on our audit, we report that:

- i. We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our audit;
- ii. The Balance Sheet and Income & Expenditure Account/Receipts & Payment Account dealt with by this report have not been drawn up in the format prescribed by the Ministry of Finance.
- iii. In our opinion, proper books of accounts and other relevant records have been maintained by the Central Council for Research in Unani Medicine, in so far as it appears from our examination of such books.
- iv. We further report that:

A. Balance Sheet

A.1 Liabilities

No provision had been made for gratuity, pension and leave encashment resulting in understatement of expenditure and liability.



A.2 Assets

A.2.1 Investment

The investments were not made as per the pattern prescribed by the Ministry of Finance.

B. Income & Expenditure Account

B.1 Expenditure

B.1.1 Excess payment of interest in GPF/CPF

Ministry of Finance, Department of Expenditure has clarified that the budget of an organization can in no case be augmented in order to meet the shortfall between the interest liability on GPF subscription and income earned on investment of GPF accumulations.

During scrutiny of receipts and payment account (Health account) it was observed that an amount of Rs. 30.73 lakh was transferred from Health account to GPF accounts towards the GPF/CPF interest. Transfer of funds from Health account to GPF/CPF account was irregular.

C. General

(i) Lack of response

The management did not furnish reply to the audit observations during the stipulated period.

D. Grant in aid

During the year 2007-08, the Council received a total grant of Rs. 34.72 crore (Plan Rs. 18.72 crore and Non-Plan Rs. 16.00 crore) from the Ministry of Health and Family Welfare, Department of Ayush. It had its own receipts of Rs. 22.92 lakh (Plan 13.18 lakh and Non-Plan Rs. 9.74 lakh). The expenditure during the year was Rs. 35.42 crore (Plan Rs. 19.59 crore and Non-plan Rs. 15.83 crore).

The Council had also received grants of Rs. 9.74 lakhs under WHO, Rs. 9.00 lakh under National Medicinal Plant Board, Rs. 4.60 lakh under Publication of Text Books, Rs. 4.00 lakh under EMR A/c and Rs. 35.00 lakh under Digitalisation of Manuscript. Out of these, the Council utilised Rs. 11.38 lakh, Rs. 16.07 lakh, Nil, Rs. 3.63 lakh and Rs. 3695, respectively.

E. Management letter

Deficiencies which have not been included in the Audit Report have been brought to the notice of the Director, CCRUM through a management letter issued separately for remedial/corrective action.

- v. Subject to our observations in the preceding paragraphs, we report that the Balance Sheet and Income & Expenditure Account/Receipt and Payment Account dealt with by this report are in agreement with the books of accounts.



- vi. In our opinion and to the best of our information and according to the explanations given to us, the said financial statements read together with the Accounting Policies and Notes on Accounts, and subject to the significant matters stated above and other matters mentioned in Annexure to this Audit Report give a true and fair view in conformity with accounting principles generally accepted in India.
- a. In so far as it relates to the Balance Sheet, of the state of affairs of the Central Council for Research in Unani Medicine as at 31st March, 2008 and
- b. In so far as it relates to Income and Expenditure Account of the surplus for the year ended on that date.

For and on behalf of the C & AG of India

A handwritten signature in black ink, likely of the Director General of Audit, is placed over the printed name.

**Director General of Audit
Central Revenues**

Place: New Delhi

Date: 27.1.2009





CENTRAL COUNCIL FOR RESEARCH IN UNANI MEDICINE

Index of Annual Account of the Council for the Year 2007-08

S.No.	Particulars	Receipt & Payment Account (Page No.)	Income & Expenditure Account (Page No.)	Balance Sheet (Page No.)	Schedules of Balance Sheet (Page No.)	Schedules of Assets (Page No.)
1	Consolidated a/c	114-116	133-134	140-141		
	Individual a/cs :					
2	Health a/c	117-125	135	142	146-150	159-169
3	Family Welfare a/c	—	—	143	151	170
4	Re-orientation Training Programme a/c	126	136	143	151	
5	Patent a/c	—	—	143	151	
6	Herb Garden a/c	126	136	143	151	
7	Unani Pharmacopoeia a/c	126	136	143	152	
8	Seminar a/c	126	136	143	152	
9	Devpt. of Standard Operational Procedures a/c	126-127	136-137	143	152-153	
10	WHO a/c	127-128	137	144	153	
11	Group Insurance Scheme a/c	131	—	145	156-157	
12	Pension Fund a/c	132	—	145	157-158	
13	CPF/GPF a/c	130	—	145	155-156	
14	National Medicinal Plants Board a/c	128-129	137-138	144	154	
15	Manuscript a/c	129	138	144	154	
16	New Pension Scheme a/c	129	—	145	158	
17	International Conference & Silver Jubilee Celebration of the Council a/c	129	138	144	154	
18	Unani Pharmacopoeia a/c	129	139	145	155	
19	Publication of Text Books a/c	126	139	144		
20	E.M.R. a/c	127	139	144		
21	Digitisation of Manuscripts a/c	127	139	145		
22	Donation a/c	129	—	145		
23	Notes on account (P-171)					
	Sd. (D.S. Negi) Office Superintendent	Sd. (S. Asif Mian) Accountant (I/A)	Sd. (Surinder Nath) Accounts Officer	Sd. (Athar Ali) Assistant Director (Admn.)	Sd. (Dr. Mohammed Khalid Siddiqui) Director	

CENTRAL COUNCIL FOR RESEARCH IN UNANI MEDICINE

Consolidated Receipt & Payment a/c for the year ending 31st March 2008

S.No.	Receipt	Previous Year	Current Year	S.No.	Payment	Previous Year	Current Year
1. Opening balance				1. Establishment Expenses			
Cash & Bank				(i) Health a/c			
(i) Health a/c				a) Non-Plan	11,92,51,451.90	15,40,14,659.00	
a) Non-Plan	49,732.48	17,019.49		b) Plan	4,68,36,412.00	3,42,43,296.00	
b) Plan	4,36,338.99	1,71,327.11		(ii) NMPB	25,996.00	–	
(ii) ROTP a/c	582.90	1,932.90		(iii) EMR	–	1,37,883.00	
(iii) Herb garden a/c	8,43,173.00	8,60,757.00		(iv) WHO a/c	–	2,52,735.00	
(iv) UPS a/c	3,98,632.35	3,45,241.35		Total Rs.	16,61,13,859.90	18,86,48,573.00	
(v) Development of standard operational procedures a/c	1,43,889.05	20,616.05		2. Administrative Expenses			
(vi) WHO a/c	1,07,275.00	6,20,386.00		(i) Health a/c			
(vii) NMPB a/c	8,66,627.38	1,38,685.38		a) Non-Plan	18,04,703.25	74,45,880.05	
(viii) Manuscript a/c	24,829.00	6,287.00		b) Plan	3,31,26,244.50	7,07,74,429.00	
(ix) International Conference & Silver Jubilee Celebration of the Council a/c	1,43,861.00	1,48,962.00		(ii) ROTP	–	–	
(x) CPF/GPF a/c	65,63,297.79	69,83,762.66		(iii) WHO a/c	11,57,348.00	8,85,281.00	
(xi) GIS a/c	21,02,402.51	1,77,400.73		(iv) Manuscript a/c	10,21,412.00	–	
(xii) Pension fund a/c	62,01,235.25	6,68,667.12		(v) Unani Pharmacopoeia a/c	12,58,139.00	–	
(xiii) Seminar a/c	2,736.00	2,939.00		(vi) EMR a/c	–	2,25,740.00	
(xiv) New Pension Scheme	1,05,656.00	1,37,600.00		(vii) Digitisation manuscript	–	3,695.00	
(xv) Unani Pharmacopoeia a/c		861.00		(viii) NMPB	–	14,79,588.62	
Total Rs.	1,79,90,268.70	1,03,02,244.79		Total Rs.	3,83,67,846.75	8,08,14,613.67	
2. Grant-in-aid a/c				3. Material & Supplies			
(i) Health a/c				(i) Health a/c			
a) Non-Plan	12,14,50,268.00	15,99,82,980.00		a) Non-Plan	61,845.90	2,72,488.00	
b) Plan	15,95,63,661.00	18,70,28,672.00		b) Plan	3,24,19,766.50	3,25,73,938.50	
(ii) WHO a/c	14,80,500.00	14,17,390.00		(ii) DSOP a/c	–	9,153.00	
(iii) Manuscript a/c	10,00,000.00	–		Total Rs.	3,24,81,612.40	3,28,55,579.50	
(iv) UPS a/c	12,59,000.00	–					
(v) Publication of text books a/c	–	46,00,000.00					
(vi) EMR a/c	–	4,00,000.00					
(vii) Digitisation of manuscripts a/c	–	35,00,000.00					
(viii) NMPB a/c	–	9,00,000.00					
Total Rs.	28,47,53,429.00	35,78,29,042.00					
Sd.	Sd.	Sd.	Sd.	Sd.	Sd.	Sd.	Sd.
(D.S. Negi)	(S. Asif Mian)	(Surinder Nath)	(Athar Ali)	(Dr. Mohammed Khalid Siddiqui)			
Office Superintendent	Accountant (I/A)	Accounts Officer	Assistant Director (Admn.)	Director			

S.No.	Receipt	Previous Year	Current Year	S.No.	Payment	Previous Year	Current Year
3. Misc. Receipts a/c				4. Assets			
(i) Health a/c	1,32,70,484.38	1,68,21,511.03		(i) Health a/c			
(ii) ROTP a/c	1,350.00	68.00		a) Non-Plan	59,145.00	20,076.00	
(iii) Herb Garden a/c	17,584.00	17,864.00		b) Plan	2,09,30,807.50	6,49,11,178.00	
UPS a/c	14,46,383.00	11,066.00		(ii) UPS a/c	4,99,974.00	–	
(iv) DSOP a/c	9,269.00	2,13,567.00		(iii) DSOP a/c	32,647.00	21,507.00	
(v) WHO a/c	1,89,959.00	1,08,904.00		(iv) NMPB a/c	–	1,27,171.00	
(vi) NMPB a/c	4,89,054.00	57,210.00		Total Rs.	2,15,22,573.50	6,50,79,932.00	
(vii) Manuscript a/c	2,870.00	–		5. Investments			
(viii) International Conference & Silver Jubilee Celebration a/c	5,101.00	5,259.00		(i) CPF/GPF a/c	13,93,28,124.07	1,04,95,082.12	
(ix) New Pension Scheme a/c	19,65,156.61	47,55,111.00		(ii) GIS a/c	1,62,08,576.39	–	
CPF/GPF a/c	5,68,21,226.01	2,52,82,838.05		(iii) Pension fund a/c	1,39,32,676.10	–	
(x) GIS a/c	42,57,718.61	9,91,262.00		(iv) New Pension Scheme a/c	30,46,604.61	48,90,000.00	
(xi) Pension fund a/c	81,80,923.13	1,46,64,176.00		Total Rs.	16,98,11,866.57	1,53,85,082.12	
(xii) Seminar a/c	203.00	105.00		6. Advance			
(xiii) EMR a/c	–	1,499.00		(i) Health a/c			
(xiv) Donation a/c	–	31,656.75		a) Non-Plan	4,17,167.00	5,97,318.00	
Total Rs.	8,55,21,569.14	6,29,62,096.83		b) Plan	1,58,13,146.00	4,48,94,349.00	
4. By adjustment of advance pertaining to previous year				(ii) NMPB	2,81,000.00	–	
(i) Health a/c				(iii) DSOP a/c	50,000.00	–	
a) Non-Plan	2,97,834.00	2,93,357.00		Total Rs.	1,65,61,313.00	4,54,91,667.00	
b) Plan	48,22,619.00	5,90,57,447.00		7. Other Misc. payments remittances etc.			
(ii) DSOP a/c	–	50,000.00		(i) Health a/c	2,90,19,191.70	1,33,49,906.48	
(iii) NMPB a/c	–	7,12,000.00		(ii) UPS a/c	10,00,000.00	–	
Total Rs.	51,20,453.00	6,01,12,804.00		(iii) DSOP a/c	49,895.00	64,099.00	
5. T.D.S. a/c				(iv) NMPB a/c	9,10,000.00	71,610.38	
(i) Health a/c	6,92,700.00	9,13,490.00		(v) CPF/GPF a/c	1,71,46,867.00	2,02,50,107.00	
(ii) Health a/c	41,32,078.00	56,81,157.00		(vi) GIS a/c	17,65,679.00	9,12,530.00	
(iii) Health a/c	12,86,177.00	16,36,512.00		(vii) Pension fund a/c	81,14,001.80	1,14,38,866.00	
(iv) Pension fund a/c	78,604.00	2,79,953.00		(viii) New Pension Scheme	11,608.00	100.00	
(v) EMR a/c	–	5,320.00		(ix) WHO a/c	–	6,15,030.00	
(vi) WHO a/c	–	15,773.00		(x) Manuscripts a/c	–	6,287.00	
Total Rs.	61,89,559.00	85,32,205.00		Total Rs.	5,80,17,242.50	4,67,08,535.86	

Sd.
(D.S. Negi)
Office Superintendent

Sd.
(S. Asif Mian)
Accountant (I/A)

Sd.
(Surinder Nath)
Accounts Officer

Sd.
(Athar Ali)
Assistant Director (Admn.)

Sd.
(Dr. Mohammed Khalid Siddiqui)
Director

S.No.	Receipt	Previous Year	Current Year	S.No.	Payment	Previous Year	Current Year
6.	Refund of Investment			8.	TDS		
(i)	CPF/GPF a/c	10,00,74,229.93	–	(i)	Pension fund a/c	78,604.00	2,79,953.00
(ii)	GIS a/c	1,17,91,535.00	4,85,377.92	(ii)	Health a/c	6,92,400.00	9,13,890.00
(iii)	Pension fund a/c	83,51,186.64	–	(iii)	Health a/c	40,95,088.00	57,18,047.00
(iv)	New Pension Scheme a/c	11,25,000.00	–	(iv)	Health a/c	12,86,177.00	16,36,512.00
	Total Rs.	11,97,73,549.57	4,85,377.92	(v)	EMR a/c	–	5,320.00
				(vi)	WHO a/c	–	15,773.00
					Total Rs.	61,52,269.00	85,69,495.00
				9.	Closing balance		
				(i)	Health a/c		
				a)	Non-Plan	17,019.49	42,835.61
				b)	Plan	1,71,327.11	1,94,669.99
				(ii)	ROTP a/c	1,932.90	2,000.90
				(iii)	Herb garden a/c	8,60,757.00	8,78,621.00
				(iv)	UPS a/c	3,45,041.35	3,56,107.35
				(v)	Seminar a/c	2,939.00	3,044.00
				(vi)	DSOP a/c	20,616.05	1,89,424.05
				(vii)	WHO a/c	6,20,386.00	3,93,634.00
				(viii)	NMPB a/c	1,38,685.38	1,29,525.38
				(ix)	Manuscript a/c	6,287.00	–
				(x)	International Conference	1,48,962.00	1,54,221.00
				(xi)	CPF/GPF a/c	69,83,762.66	15,21,411.59
				(xii)	GIS a/c	1,77,400.73	7,41,510.65
				(xiii)	Pension fund a/c	6,86,667.12	38,93,977.12
				(xiv)	Unani Pharmacopoeia a/c	861.00	861.00
				(xv)	New Pension Scheme a/c	1,37,600.00	2,611.00
				(xvi)	Publication of text books a.c	–	46,00,000.00
				(xvii)	EMR a/c	–	37,876.00
				(xviii)	Digitisation of Manuscripts a/c	–	34,96,305.00
				(xix)	Donation a/c	–	31,656.75
					Total Rs.	1,03,20,244.79	1,66,70,292.39
Grand Total S.No. 1 to 6 Rs.		52,20,52,943.01	50,02,23,770.54	Grand Total S.No.1 to 9 Rs.		52,20,52,943.01	50,02,23,770.54
Sd. (D.S. Negi) Office Superintendent		Sd. (S. Asif Mian) Accountant (I/A)	Sd. (Surinder Nath) Accounts Officer	Sd. (Athar Ali) Assistant Director (Admn.)		Sd. (Dr. Mohammed Khalid Siddiqui) Director	



CENTRAL COUNCIL FOR RESEARCH IN UNANI MEDICINE

Receipt and Payment a/c for the year ending 31st March 2008

(Individual Receipt & Payment a/c)

(1) Health Scheme
Part-I (Receipt side)

S. No.	Receipts	Previous Year			Current Year		
		Non -Plan (Rs.)	Plan (Rs.)	Total (Rs.)	Non - Plan (Rs.)	Plan (Rs.)	Total (Rs.)
1.	Opening Balance						
i)	Cash-in-hand						
a)	Headquarters & Centralised Institutes/units	7,200.00	53,167.60		7,200.00	83,167.60	
b)	Decentralised Institutes (Imprest)	6,000.00	46,000.00		3,000.00	46,000.00	
c)	Decentralised Institutes (Other than Imprest)	—	2,247.15		—	3,994.15	
ii)	Cash-at-bank						
a)	Headquarters, New Delhi	73,653.37	30.99		—	6.99	
b)	Decentralised institutes	(-) 37,120.89	3,34,893.25		6,819.49	38,158.37	
	Total Rs.	49,732.48	4,36,338.99		17,019.49	1,71,327.11	
2.	Grant-in-aid	12,14,50,268.00	15,95,63,661.00		15,99,82,980.00	18,70,28,672.00	
3.	Miscellaneous receipts (Govt.)						
i)	LSPC	63,870.00	3,636.00		—	—	
ii)	Subscription of magazines	—	9,020.00		—	49,780.0	
iii)	Auction of condemned articles	—	1,15,790.00		—	90,740.00	
iv)	Bank interest	280.00	4,20,136.00		18,991.00	3,91,047.00	
v)	IPO	—	360.00		—	—	
vi)	Penal interest	11,898.00	—		9,731.00	1,302.00	
vii)	Interest on refundable advances	2,70,589.00	49,665.00		3,96,348.00	38,968.00	
viii)	Excess payment recovery	1,71,280.00	1,26,497.00		3,66,208.55	3,27,569.00	
ix)	Sale of tender forms	—	24,000.00		—	—	
x)	CGHS recovery	1,32,610.00	—		1,26,220.00	—	
xi)	Loss of library books	—	326.00		950.00	—	
	Sd. (D.S. Negi) Office Superintendent	Sd. (S. Asif Mian) Accountant (I/A)	Sd. (Surinder Nath) Accounts Officer	Sd. (Athar Ali) Assistant Director (Admn.)	Sd. (Dr. Mohammed Khalid Siddiqui) Director		

(Receipt side)

S. No.	Receipts	Previous Year			Current Year		
		Non -Plan (Rs.)	Plan (Rs.)	Total (Rs.)	Non - Plan (Rs.)	Plan (Rs.)	Total (Rs.)
xii)	DD/Cheque issued in previous year but not presented for payment	—	5,422.00		—	—	
xiii)	Sale of old newspapers	—	2,812.00		770.00	—	
xiv)	Amount received in excess	—	419.00		—	—	
xv)	Application fee from candidates	—	440.00		—	2,900.00	
xvi)	Fee for Right to Information	—	386.00		—	365.00	
xvii)	Refund of unutilised/undisbursed amount	—	1,43,241.00		—	2,61,670.00	
xviii)	Recovery of water charges	30,499.00	17,170.00		44,191.00	1,620.00	
xix)	Sale of Nursery Products	—	2,678.00		—	13,398.00	
xx)	PCO	—	7,554.00		—	—	
xxi)	Refund of Hony. P. O. Conveyance (Previous year)	—	6,000.00		—	—	
xxii)	Donation	—	5,000.00		—	10,000.00	
xxiii)	Govt. Contribution over & above the final payment	—	—		915.00	—	
	Total Rs.	6,83,545.00	9,40,246.00		9,64,324.55	11,89,359.00	
4.	Other receipts						
	(A) By adjustments of advances pertaining to previous years :-						
	(a) Contingent advance	35.00	47,77,119.00		1,462.00	95,97,092.00	
	(b) T.A.	1,58,589.00	15,000.00		2,05,643.00	88,640.00	
	(c) Seminar	—	22,500.00		252.00	8,92,625.00	
	(d) Swasthya Mela	—	5,000.00		5,000.00	—	
	(e) LTC advance	1,31,210.00	—		27,000.00	290.00	
	(f) Exhibition advance	—	3,000.00		—	—	
	(g) Immediate Relief	8,000.00	—		—	—	
	(h) Medical advance	—	—		54,000.00	—	
	(i) Advance for construction of building	—	—		—	4,84,78,800.00	
	Total Rs.	2,97,834.00	48,22,619.00		2,93,357.00	5,90,57,447.00	
	Sd. (D.S. Negi) Office Superintendent	Sd. (S. Asif Mian) Accountant (I/A)	Sd. (Surinder Nath) Accounts Officer	Sd. (Athar Ali) Assistant Director (Admn.)	Sd. (Dr. Mohammed Khalid Siddiqui) Director		

(Receipt side)

S. No.	Receipts	Previous Year			Current Year		
		Non -Plan (Rs.)	Plan (Rs.)	Total (Rs.)	Non - Plan (Rs.)	Plan (Rs.)	Total (Rs.)
5.	Recoveries for remittance						
(i)	TDS (Contractors)	—	6,92,700.00		—	9,13,490.00	
(ii)	LIC	3,58,848.00	—		16,37,620.00	1,62,244.00	
(iii)	CPF/GPF	75,30,813.00	4,16,710.00		84,17,092.00	4,21,649.00	
(iv)	GIS	2,62,895.00	19,600.00		2,95,980.00	28,200.00	
(v)	Income tax	41,32,078.00	12,86,177.00		56,81,157.00	16,36,512.00	
(vi)	Professional tax	4,21,831.00	69,445.00		2,83,907.00	70,393.00	
(vii)	PM's Relief Fund	—	781.00		—	—	
(viii)	ISM&H Society	2,49,435.00	—		3,24,778.00	—	
(ix)	Subscription for New Pension Scheme	4,93,561.00	71,291.00		7,65,738.00	98,069.00	
(x)	CPF subscription & advance recovery (Deputations)	8,889.00	—		6,625.00	—	
(xi)	Bank Loan by the staff	—	—		1,18,827.00	—	
	Total Rs.	1,34,58,350.00	25,56,704.00		1,75,31,724.00	33,30,557.00	
6.	Sale of Council's publications (priced)	—	1,31,629.00		9,126.00	1,29,078.00	
7.	EMD	—	2,68,000.00		—	—	
		—	3,99,629.00		9,126.00	1,29,078.00	
8.	Recoveries on a/c of refundable advances						
(i)	Scooter Advance	3,88,380.00	80,000.00		3,57,900.00	1,15,244.00	
(ii)	Car Advance	54,000.00	24,000.00		1,38,100.00	10,000.00	
(iii)	Bicycle advance	2,200.00	2,300.00		4,750.00	1,250.00	
(iv)	HBA	3,27,673.00	—		5,02,000.00	—	
(v)	Computer advance	2,31,100.00	500.00		1,71,200.00	85,000.00	
(vi)	Pay advance	1,812.00	—		16,623.00	—	
	Total Rs.	10,05,165.00	1,06,800.00		11,90,581.00	2,11,494.00	
	Sd. (D.S. Negi) Office Superintendent	Sd. (S. Asif Mian) Accountant (I/A)	Sd. (Surinder Nath) Accounts Officer	Sd. (Athar Ali) Assistant Director (Admn.)	Sd. (Dr. Mohammed Khalid Siddiqui) Director		

(Receipt side)

S. No.	Receipts	Previous Year			Current Year		
		Non -Plan (Rs.)	Plan (Rs.)	Total (Rs.)	Non - Plan (Rs.)	Plan (Rs.)	Total (Rs.)
9.	Miscellaneous receipts to be transferred to Pension Fund A/c						
(i)	Licence fee	69,214.00	9,110.00		72,522.00	10,800.00	
(ii)	I. Card	15.00	45.00		—	60.00	
(iii)	OPD Registration fee from patients	—	47,506.00		—	22,543.00	
	Total Rs.	69,229.00	56,661.00		72,522.00	33,403.00	
10.	Expenses paid in advance in previous year adjusted	—	30,335.00		—	—	
11.	Excess recovery against contingent advance to be refunded	—	600.00		—	—	
12.	Donation from decentralised Institute received taken as receipt now received there from in the year	—	5,000.00		—	—	
13.	Refund of telephone security deposit	—	1,000.00		—	—	
14.	Temporary transfer from (Plan)	46,466.38	—		—	79,767.55	
15.	Recovery made & remitted at Hqrs. N. Delhi by RRIUM, Kolkata but detailed awaited	—	16,469.00		—	—	
16.	Refund of unspent balance (CRIUM, Lucknow) Imprest	3,000.00 2,240.00	— —		— —	— —	
17.	Refund of temporary transfer from WHO (a/c no.469) (Previous year)	—	—		—	78,500.00	
18.	Receipts from Non-Plan received	—	—		—	46,466.38	
19.	EMD already taken as receipt in previous year now received from decentralised Institute (CRIUM, Hyderabad)	—	—		—	83,000.00	
20.	Temporary transfer from (Non-Plan) to (Plan) received	—	—	79,767.50(C)		—	
21.	Undisbursed CPF/GPF final withdrawal (CRIUM, Hyderabad)	—	—	23,000.00		—	
	Total (S.No. 17 to 21) Rs.	—	—	1,02,767.55	2,07,966.38		
	Total (S.No. 1 to 21) Rs.	13,70,65,829.86	16,89,36,062.99	18,01,64,401.59	25,14,39,071.04	43,16,03,472.63	
		30,60,01,892.85					

Sd.
(D.S. Negi)
Office Superintendent

Sd.
(S. Asif Mian)
Accountant (I/A)

Sd.
(Surinder Nath)
Accounts Officer

Sd.
(Athar Ali)
Assistant Director (Admn.)

Sd.
(Dr. Mohammed Khalid Siddiqui)
Director

CENTRAL COUNCIL FOR RESEARCH IN UNANI MEDICINE

Receipt and Payment a/c for the year ending 31st March 2008

(Individual Receipt & Payment a/c)

(1) Health Scheme
Part-II (Payment side)

S. No.	PAYMENTS	Previous year PLAN					Current year PLAN					Grand Total (Rs.)
		Non-Plan (Rs)	Gen. (Rs)	SCP (Rs)	TSP (Rs)	Total (Rs)	Non-Plan (Rs)	Gen. (Rs)	SCP (Rs)	TSP (Rs)	Total (Rs)	
1.	Establishment Expenses											
(i)	Pay & Allowances	11,48,93,647.90	4,02,25,560.00	27,303.00	36,32,593.00	4,38,85,456.00	13,57,42,481.00	2,97,32,792.00	1,67,094.00	22,23,430.00	3,21,23,316.00	
(ii)	Wages	72,709.00	27,16,994.00	1,02,374.00	1,31,588.00	29,50,956.00	82,104.00	20,76,661.00	14,964.00	28,355.00	21,19,980.00	
(iii)	Council's contribution for CGHS	5,35,095.00	-	-	-	-	5,53,707.00	-	-	-	-	
(iv)	Pension Fund	37,50,000.00	-	-	-	-	1,11,67,240.00	-	-	-	-	
(v)	Leave encashment	-	-	-	-	-	27,57,699.00	-	-	-	-	
(vi)	Gratuity	-	-	-	-	-	37,11,428.00	-	-	-	-	
	Total S.No. 1 Rs.	11,92,51,451.90	4,29,42,554.00	1,29,677.00	37,64,181.00	4,68,36,412.00	15,40,14,659.00	3,18,09,453.00	1,82,058.00	22,51,785.00	3,42,43,296.00	
2.	Administrative Expenses											
(i)	T.A.	17,23,958.00	19,74,586.00	17,341.00	2,54,146.00	22,46,073.00	22,30,265.00	24,48,018.00	-	66,575.00	25,14,593.00	
(ii)	Office Expenses	51,604.25	1,83,47,323.15	34,48,146.00	7,50,388.00	2,25,45,857.15	61,193.00	2,77,10,173.00	8,48,586.00	5,16,341.00	2,90,75,100.00	
(iii)	Rent & Taxes	-	22,76,558.00	4,31,090.00	3,06,505.00	30,14,153.00	-	51,04,041.00	-	3,16,876.00	54,20,917.00	
(iv)	Maintenance	23,644.00	39,39,686.35	6,04,743.00	2,46,870.00	47,91,299.35	38,268.00	50,03,924.00	11,12,145.00	1,61,239.00	62,77,308.00	
(v)	Audit fee	-	39,755.00	-	-	39,755.00	-	-	-	-	-	
(vi)	Information technology (Consumable exps.)	5,497.00	3,27,336.00	1,61,606.00	165	4,89,107.00	7,553.00	3,56,597.00	3,14,114.00	9,923.00	6,80,634.00	
	Total S.No. 2 Rs.	34,11,419.00	2,28,80,511.65	16,45,735.00	12,54,460.00	2,57,80,706.65	23,37,279.00	4,06,22,753.00	22,74,845.00	10,70,954.00	4,39,68,552.00	
3.	Material & Supplies	61,845.90	95,11,951.50	1,64,12,091.00	64,95,724.00	3,24,19,766.50	2,72,488.00	1,14,12,554.50	1,88,92,657.00	22,68,727.00	3,25,73,938.50	
	Total S.No. 3 Rs.	61,845.90	95,11,951.50	1,64,12,091.00	64,95,724.00	3,24,19,766.50	2,72,488.00	1,14,12,554.50	1,88,92,657.00	22,68,727.00	3,25,73,938.50	
4.	Publication Charges (Priced)	-	11,59,784.00	-	-	11,59,784.00	-	11,03,932.00	-	-	11,03,932.00	
	Total S.No. 4 Rs.	-	11,59,784.00	-	-	11,59,784.00	-	11,03,932.00	-	-	11,03,932.00	
5.	Assets											
(i)	Machinery & Equipment	12,571.00	1,17,21,002.50	35,055.00	1,01,417.00	1,18,57,474.50	15,081.00	45,01,052.25	18,000.00	2,73,867.00	47,92,919.25	
(ii)	Furniture & Fixture	12,505.00	31,96,137.00	21,746.00	52,580.00	32,70,463.00	4,995.00	58,10,509.75	-	48,075.00	58,58,584.75	
(iii)	Books & Journals	-	25,11,380.00	3,49,367.00	1,47,694.00	30,08,441.00	-	30,93,054.00	-	737.00	30,93,791.00	
(iv)	Information Technology (Computers)	34,069.00	20,23,901.00	7,60,278.00	7,550.00	27,91,729.00	-	17,11,234.00	37,500.00	2,05,608.00	19,54,342.00	
(v)	Vehicles	-	2,700.00	-	-	2,700.00	-	2,64,909.00	-	-	2,64,909.00	
(vi)	Building	-	-	-	-	-	-	4,78,42,700.00	-	-	4,78,42,700.00	
	Total S.No. 5 Rs.	59,145.00	1,94,55,120.50	11,66,446.00	3,09,241.00	20,93,807.50	20,076.00	6,32,23,459.00	55,500.00	5,28,287.00	6,38,07,246.00	
	Sd. (D.S. Negi) Office Superintendent	Sd. (S. Asif Mian) Accountant (I/A)	Sd. (Surinder Nath) Accounts Officer	Sd. (Athar Ali) Assistant Director (Admn.)	Sd. (Dr. Mohammed Khalid Siddiqui) Director							

(Payment side)

S. No.	PAYMENTS	Previous year PLAN					Current year PLAN					Grand Total (Rs.)
		Non-Plan (Rs)	Gen. (Rs)	SCP (Rs)	TSP (Rs)	Total (Rs)	Non-Plan (Rs)	Gen. (Rs)	SCP (Rs)	TSP (Rs)	Total (Rs)	
6.	Advances											
(i)	T.A. advances	2,19,818.00	1,32,943.00	-	-	1,32,947.00	4,07,519.00	92,500.00	-	-	92,500.00	
(ii)	Contingent advance	-	1,04,08,146.00	15,06,538.00	6,03,076.00	1,25,17,760.00	-	1,06,04,536.00	42,437.00	6,46,875.00	1,12,93,848.00	
(iii)	Seminar advances	-	11,62,312.00	-	-	11,62,312.00	-	1,32,871.00	-	-	1,32,871.00	
(iv)	Health Mela advances	-	131.00	-	-	131.00	-	-	-	-	-	
(v)	LTC advance	37,000.00	-	-	-	-	98,450.00					
(vi)	Pay advance	43,825.00	-	-	-	-	37,157.00					
(vii)	Immediate relief	8,000.00	-	-	-	-	8,000.00					
(viii)	Advance for construction of building	-	20,00,000.00	-	-	20,00,000.00	-	3,14,91,000.00	-	-	3,14,91,000.00	
(ix)	Medical advance	54,000.00	-	-	-	-	46,192.00	-	-	-		
(x)	Refund of TDS as per court orders subject to adjustment as per ITO statement head	54,524.00	-	-	-	-	-	-	-	-		
(xi)	Advance for vehicle	-	-	-	-	-	-	9,39,965.00	2,33,927.00	7,06,038.00	18,79,930.00	
(xii)	Security deposit	-	-	-	-	-	-	4,200.00	-	-	4,200.00	
	Total S.No. 6 Rs.	4,17,167.00	1,37,03,532.00	15,06,538.00	6,03,076.00	1,58,13,146.00	5,97,318.00	4,32,65,072.00	2,76,364.00	13,52,913.00	4,48,94,349.00	
7.	Other charges											
(i)	Advances to Govt. servant :-											
(a)	Bicycle advance	7,500.00					7,500.00	1,500.00	-	-	1,500.00	
(b)	Scooter Advance		2,73,000.00			2,73,000.00		9,84,000.00	-	-	9,84,000.00	
(c)	H.B.A.		2,96,250.00			2,96,250.00		11,05,050.00	-	-	11,05,050.00	
(d)	Computer adv.		5,66,500.00			5,66,500.00		15,34,000.00	-	-	15,34,000.00	
(e)	Car Advance							12,09,000.00	-	-	12,09,000.00	
	Total S.No. 7(i) Rs.	7,500.00	11,35,750.00			11,35,750.00	7,500.00	48,33,550.00	-	-	48,33,550.00	
(i)	Seminar & Workshop		20,15,961.00			20,15,961.00		42,18,521.00	-	-	42,18,521.00	
(ii)	Health Mela expenses		1,68,810.00			1,68,810.00		1,28,912.00	-	-	1,28,912.00	
(iii)	GIA for short term research project		37,14,660.00			37,14,660.00		1,17,16,832.00	-	-	1,17,16,832.00	
(iv)	Exhibition expenses							64,800.00	-	-	64,800.00	
(v)	Death linked Insurance Scheme	1,20,000.00					1,04,352.00					
(vi)	Expenses paid in advance		96,316.00			96,316.00		68,454.00	-	-	68,454.00	
	Sd. (D.S. Negi) Office Superintendent	Sd. (S. Asif Mian) Accountant (I/A)	Sd. (Surinder Nath) Accounts Officer	Sd. (Athar Ali) Assistant Director (Admn.)	Sd. (Dr. Mohammed Khalid Siddiqui) Director							

(Payment side)

S. No.	PAYMENTS	Non-Plan (Rs)	Previous year PLAN				Non-Plan (Rs)	Current year PLAN				Grand Total (Rs.)
			Gen. (Rs)	SCP (Rs)	TSP (Rs)	Total (Rs)		Gen. (Rs)	SCP (Rs)	TSP (Rs)	Total (Rs)	
(vii)	Council's contribution for CPF, interest their on & interest on CPF/GPF subscription	13,07,854.32	52,02,758.00			52,02,758.00	33,67,384.05	39,850.00	-	-	39,850.00	
(viii)	Council's contribution for New Pension Scheme	5,33,539.00	1,46,361.00			1,46,361.00	16,25,973.00	10,03,956.00	-	-	10,03,956.00	
(ix)	Medicinal Plants expenses		4,32,477.00			4,32,477.00	-	-	-	-	-	
(x)	Receivable shown amount on a/c of AYUSH/seminar from other Council's							15,07,572.00	-	-	15,07,572.00	
(xi)	Leave salary & pension contribution						3,392.00					
(xii)	Manuscript exps.							3,02,645.00	-	-	3,02,645.00	
(xiii)	Unani Pharmacopoeia Exps.							26,59,285.00	-	-	26,59,285.00	
(xiv)	Funds released but not received by the decentralised Institute during the year							2,61,500.00		-	2,61,500.00	
	Total S.No.7 (ii to xiv) Rs.						51,01,101.00	2,19,72,327.00			2,19,72,327.00	
	Total S.No. 1 to 7 Rs.	12,35,63,206.37	12,86,18,449.50	2,38,77,678.00	1,27,30,296.00	16,52,26,423.50	16,23,50,421.05	21,82,43,100.50	2,16,81,424.00	74,72,666.00	24,73,97,190.50	
8.	Miscellaneous payments/ remittance of recoveries											
(i)	TDS (Suppliers/ contractor)	-	6,92,400.00	-	-	6,92,400.00	-	9,13,890.00	-	-	9,13,890.00	
(ii)	LIC	3,58,848.00					16,37,620.00	1,62,244.00	-	-	1,62,244.00	
(iii)	CPF/GPF	75,30,813.00	4,16,710.00				84,17,092.00	4,21,649.00	-	-	4,21,649.00	
(iv)	GIS	2,63,095.00	19,600.00			19,600.00	2,95,980.00	28,200.00	-	-	28,200.00	
(v)	Income tax	40,95,088.00	12,86,177.00			12,86,177.00	57,18,047.00	16,36,512.00	-	-	16,36,512.00	
(vi)	Professional tax	4,21,831.00	69,445.00	-	-	69,445.00	2,83,907.00	70,393.00	-	-	70,393.00	
(vii)	Expenses payable paid		8,194.00	-	-	8,194.00	6,873.00	8,767.00	-	-	8,767.00	
(viii)	ISM&H Society	2,49,435.00					3,24,778.00					
(ix)	P.M.'s relief fund		794.00	-	-	794.00						
(x)	New Pension Paid Scheme	4,93,561.00	71,291.00	-	-	71,291.00	7,65,738.00	98,069.00	-	-	98,069.00	
(xi)	CPF subscription & advance	8,889.00					6,625.00	-	-	-		
(xii)	Excess deposit of Income tax to be recovered/adjusted	100.00										
	Sd. (D.S. Negi) Office Superintendent	Sd. (S. Asif Mian) Accountant (I/A)	Sd. (Surinder Nath) Accounts Officer	Sd. (Athar Ali) Assistant Director (Admn.)	Sd. (Dr. Mohammed Khalid Siddiqui) Director							

(Payment side)

S. No.	PAYMENTS	Non-Plan (Rs)	Previous year PLAN				Non-Plan (Rs)	Current year PLAN				Grand Total (Rs.)
			Gen. (Rs)	SCP (Rs)	TSP (Rs)	Total (Rs)		Gen. (Rs)	SCP (Rs)	TSP (Rs)	Total (Rs)	
(xiii)	Excess transfer of GIS to GIS a/c in r/o (Late S.K. Noor Ahmad, CRIUM, Hyderabad)	100.00										
(xiv)	Excess payment to the Party to be received/adjusted		600.00				195.00					
(xv)	Recovery of Bank loan						1,18,827.00					
	Total S.No. 8 Rs.	1,34,21,760.00	25,65,211.00				1,75,75,682.00	33,39,724.00	-	-	33,39,724.00	
9.	Miscs. receipt to be transferred to pension fund a/c:	58,604.00	91,155.00			91,155.00	69,229.00	56,661.00	-	-	56,661.00	
10.	Audit fee payable paid		40,000.00	-	-	40,000.00		26,175.00	-	-	26,175.00	
11.	Temporary transfer to (Non Plan)		46,466.38	-	-	46,466.38	-					
12.	Refund of security deposits		5,60,000.00			5,60,000.00		1,80,000.00	-	-	1,80,000.00	
13.	(i) Temporary transfer to WHO a/c No. 26084		1,50,097.00			1,50,097.00						
14.	(ii) Temporary transfer to WHO a/c no. 9/469		78,500.00			78,500.00						
15.	IPO deposited in bank in previous year but dishonoured		8.00			8.00						
16.	Deposit (CRIUM, Hyderabad)		1,875.00			1,875.00						
17.	Refund of unspent balance (CRI Lko) (Imprest) (Bank)	3,000.00 2,240.00										
18.	Amount of donation already taken as receipt in pervious year but remitted by decentralised Institute (CRIUM, Hyd.) now.		5,000.00			5,000.00						
19.	Payable amount to DSOP a/c paid (Previous year)							81,883.00	-	-	81,883.00	
20.	Refund to temporary transfer from (NP) to (Plan) (CPF)						46,466.38	79,767.55	-	-	79,767.55	
21.	Temporary transfer from (NP) to (P)						79,767.55					
22.	EMD already accounted for in previous year now remitted to Hqrs. N. Delhi by the decentralised Institute							83,000.00			83,000.00	
	Total S.No. 9 to 22 Rs.						1,95,462.93	5,07,486.55	-	-	5,07,486.55	
	Sd. (D.S. Negi) Office Superintendent	Sd. (S. Asif Mian) Accountant (I/A)	Sd. (Surinder Nath) Accounts Officer	Sd. (Athar Ali) Assistant Director (Admn.)	Sd. (Dr. Mohammed Khalid Siddiqui) Director							



		Previous Year		Current Year		Grant Total
		Non -Plan	Plan	Non - Plan	Plan	
Closing Balance						
(i)	Cash-in hand					
(a)	Headquarters & centralised Institute/Units (Imprest)	7,200.00	83,167.60	7,200.00	83,167.60	
(b)	Decentralised Institute	3,000.00	46,000.00	3,000.00	46,000.00	
(c)	Decentralised Institute (Other than Imprest)		3,994.15		5,005.15	
(ii)	Cash-at-bank					
(a)	Headquarters, New Delhi	–	6.99	3.61	670.82	
(b)	Decentralised Institute	6,819.49	38,158.37	32,632.00	59,826.92	
Total Rs.		17,019.49	1,71,327.11	42,835.61	1,94,669.99	
		13,70,65,829.86	16,89,36,062.99	18,01,64,401.59	25,14,39,071.04	C/f 43,16,03,472.63
		C/f 30,60,01,892.85				

Sd.
(D.S. Negi)
Office Superintendent

Sd.
(S. Asif Mian)
Accountant (I/A)

Sd.
(Surinder Nath)
Accounts Officer

Sd.
(Athar Ali)
Assistant Director (Admn.)

Sd.
(Dr. Mohammed Khalid Siddiqui)
Director

S. No.	Receipts			Payments		
	Previous year	Current year	Total	Previous year	Current year	Total
	Total B/F Rs. 43,16,03,472.63			Total B/F Rs. 43,16,03,472.63		
2. ROTP a/c						
(i) Opening balance	582.90	1,932.90				
(ii) Bank interest	1,350.00	68.00				
Total Rs.	1,932.90	2,000.90	2,000.90	Closing balance :-	1,932.90	2,000.90
				Total Rs.	1,932.90	2,000.90
3. Herb garden a/c						
(i) Opening balance (Bank)	8,43,173.00	8,60,757.00				
(ii) Bank interest	17,584.00	17,864.00	8,78,621.00	Closing balance (Bank) :-	8,60,757.00	8,78,621.00
Total Rs.	8,60,757.00	8,78,621.00		Total Rs.	8,60,757.00	8,78,621.00
4. Publication of Text books a/c						
Opening balance	-					
GIA	-	46,00,000.00	46,00,000.00	Closing balance (Bank) :-	46,00,000.00	
Total Rs.	-	46,00,000.00		Total Rs.	-	46,00,000.00
5. Unani Pharmacopoeia a/c						
(i) Opening balance				(i) Machinery & Equipment	4,99,974.00	
(a) Headquarters, New Delhi	3,97,711.17	3,44,120.17		(ii) Amount refunded to Manuscript a/c as credited herein	10,00,000.00	
(b) RRIUM, Aligarh	921.18	921.18		Closing balance :-		
(ii) Bank interest	34,531.00	11,066.00	3,56,107.35	(i) Headquarters, New Delhi	3,44,120.17	3,55,186.17
(iii) Amount received from Health A/c (Plan)	9,36,832.00			(ii) RRIUM, Aligarh (Stt.)	921.18	3,56,107.35
(iv) L.C. amount not debited by bank (RRIUM, Aligarh) hence credited	4,75,020.00					
Total Rs.	18,45,015.35	3,56,107.35	3,56,107.35	Total Rs.	18,45,015.35	3,56,107.35
6. Seminar a/c						
(i) Opening balance	2,736.00	2,939.00				
(ii) Bank interest	203.00	105.00	3,044.00	Closing balance :-	2,939.00	3,044.00
Total Rs.	2,939.00	3,044.00		Total Rs.	2,939.00	3,044.00
7. Devlpt. of Standard operational procedures a/c						
(i) Opening balance				(i) Honorarium	8,158.00	1,500.00
(a) Headquarters, New Delhi	1,27,528.00	17,401.00		(ii) Wages	6,000.00	-
(b) RRIUM, Chennai (Stt.)	16,361.05	3,215.05		(iii) Office Expenses	9,513.00	7,884.00
(ii) Bank interest	5,073.00	1,684.00		(iv) Consolidated exp.	13,146.00	50,373.00
(iii) Sale of newspaper	805.00	-		(v) Maintenance	1,504.00	1,135.00
(iv) Miscellaneous receipts	3,391.00	-		(vi) Material & Supplies	9,174.00	9,153.00
				(vii) Information technology	1,225.00	3,207.00
Sd.	Sd.	Sd.	Sd.	Sd.	Sd.	
(D.S. Negi)	(S. Asif Mian)	(Surinder Nath)	(Athar Ali)	(Dr. Mohammed Khalid Siddiqui)		
Office Superintendent	Accountant (I/A)	Accounts Officer	Assistant Director (Admn.)	Director		

S. No.	Receipts			Payments		
	Previous year	Current year	Total	Previous year	Current year	Total
(v) By adjustments of advances pertaining to previous years	–	50,000.00		(Consumable exp.)		
(vi) Refund from Jamia Hamdard	–	1,30,000.00		(viii) Machinery & Equipment	31,875.00	–
(vii) Receivable received from Health a/c	–	81,883.00	2,84,183.05	(ix) Books & Journals	772.00	1,138.00
				(x) T.A.	1,175.00	–
				(xi) Contingent advance	50,000.00	–
				(xii) Furniture & Fixtures	–	20,369.00
				Closing balance (Bank) :-		
				(i) RRIUM, Chennai	3,215.05	3,215.05
				(ii) Headquarters, New Delhi	17,401.00	1,86,209.00
				Total Rs.	1,53,158.05	2,84,183.05
Total Rs.	1,53,158.05	2,84,183.05				
8. EMR a/c –				(i) Salary a/c	–	1,37,883.00
(i) Opening balance	–	–		(ii) T.A.	–	2,25,590.00
(ii) GIA	–	4,00,000.00		(iii) Office Expenses	–	150.00
(iii) Bank interest	–	1,499.00		(iv) Remittance of TDS	–	5,320.00
(iv) Recovery of TDs	–	5,320.00		Closing balance :-	–	37,876.00
Total Rs.	–	4,06,819.00	4,06,819.00	Total Rs.	–	4,06,819.00
9. Digitisation of Manuscripts a/c	–					
(i) Opening balance	–	–		T.A.	–	3,695.00
(ii) GIA	–	35,00,000.00	35,00,000.00	Closing balance (Bank) :-	–	34,96,305.00
Total Rs.	–	35,00,000.00		Total Rs.	–	35,00,000.00
10. W.H.O. a/c						
(i) Grant-in-aid) :-				(i) Office Expenses		
(a) A/c No. 469	3,92,500.00	–		(a) A/c No. 469	4,71,000.00	20.00
(b) A/c No. 836	6,84,500.00	–		(b) A/c No. 836	6,16,835.00	–
(c) A/c No. 1138	4,03,500.00	4,85,500.00		(c) A/c No. 1138	–	8,85,241.00
(d) A/c No. 23352	–	–		(d) A/c No. 1244	–	20.00
(e) A/c No. 24656	–	–		Total Rs.	–	8,85,281.00
(f) A/c No. 26084	–	2,36,890.00		(ii) Refund to WHO (A/c no. 836)	69,513.00	–
(g) A/c No. 1431	–	4,43,000.00		(iii) Refund to Health a/c fund a/c	–	78,500.00
(h) A/c No. 1244	–	2,52,000.00		(iv) Balance refunded back to - WHO office a/c -no. 1138	–	6,737.00
Total Rs.		14,17,390.00		(v) Balance refunded to WHO office a/c no. 1431		4,43,000.00
(ii) Opening balance				(vi) Pay & Allowances (a/c no. 1244)	–	2,52,735.00
(a) Headquarters, New Delhi	28,241.00	44.00		(vii) Temporary transfer to WHO a/c (469) from a/c no. 26084	–	86,793.00
(b) A/c No. 26084	12,918.00	13,374.00		(viii) Remittance of TDS	–	15,773.00
(c) A/c No. 24656	66,116.00	1,73,945.00				
(d) A/c No. 23352	–	29,523.00				
(e) A/c No. 1138	–	4,03,500.00				
Total Rs.		6,20,386.00				
Sd. (D.S. Negi) Office Superintendent	Sd. (S. Asif Mian) Accountant (I/A)	Sd. (Surinder Nath) Accounts Officer	Sd. (Athar Ali) Assistant Director (Admn.)	Sd. (Dr. Mohammed Khalid Siddiqui) Director		

S. No.	Receipts			Payments		
	Previous year	Current year	Total	Previous year	Current year	Total
(iii) Bank interest				(ix) Closing balance (Bank) :-		
(a) A/c No. 24656	1,07,829.00	6,141.00		(a) A/c No. 26084	13,374.00	1,67,461.00
(b) A/c No. 23352	1,282.00	1,043.00		(b) A/c No. 24656	1,73,945.00	1,80,086.00
(c) A/c No. 26084	456.00	3,990.00		(c) A/c No. 23352	29,523.00	30,566.00
(d) A/c No. 469	44.00	195.00		(d) A/c No. 469	44.00	8,512.00
(e) A/c No. 836	1,838.00	-		(e) A/c No. 1138	4,03,500.00	-
(f) A/c No. 1138	-	2,978.00		(f) A/c No. 1244	-	678.00
(g) A/c No. 1244	-	1,433.00		(g) A/c No. 1431	-	6,331.00
(h) A/c No. 1431	-	6,331.00				
Total Rs.		22,111.00				
(iv) Temporary transfer from Health a/c (Plan)	78,500.00	-				
(v) Temporary transfer from a/c No. 26084 to a/c no. 469	-	86,793.00				
(vi) Recovery of TDS	-	15,773.00				
Total Rs.	17,77,734.00	21,62,453.00	21,62,453.00	Total Rs.	17,77,734.00	21,62,453.00
11. National Medicinal Plant Board a/c (Project no. 127/02)				(i) Administrative Expenses		
(i) Opening balance				(a) Wages	25,996.00	2,75,598.92
(a) CRIUM, Lucknow	25,996.00	-		(b) Contingent advance	2,81,000.00	-
(b) Headquarters, New Delhi				(c) Refund to CEONMP Board 126/02	9,00,000.00	-
(A) Project no. 126/02	4,45,188.00	-		since the project 126/02 has been cancelled by the Ministry		
(A) Project no. 127/02	3,95,443.38	1,38,685.38		(d) Payable to project no. 126/02	10,000.00	-
(ii) Bank interest	12,335,009,467.00	44,354.00		paid from project no. 127/02		
(iii) Sale of booklets	6,475.00	2,425.00		(e) T.A.	-	7,047.00
(iv) Receivable from project no. 127/02 to project no. 126/02 received	10,000.00			(f) Nursery development charges	-	1,18,878.50
(v) Received from Health a/c (Plan) in project no. 126/02 as the same has been cancelled by the Ministry	4,32,477.00			(g) Office Expenses	-	2,22,162.75
(vi) Refund balance by Dr. V.K. Singh (Project no. 127/02)	18,300.00			(h) Kisan Pardarshani	-	1,42,860.00
(vii) By adjustments of advances pertaining to previous years :-	-	7,12,000.00		(i) Misc. Contingent exp.	-	64,162.00
(viii) Registration fee from farmers	-	9,800.00		(j) Documentary on project activities	-	15,000.00
(ix) Refund of excess payment	-	483.00		(k) Industrial & Agricultural exhibition	-	19,968.00
(x) GIA	-	9,00,000.00		(l) Visits to villagers of medicinal seeds	-	1,00,036.00
				(m) Books	-	14,845.00
				(n) Printing charges	-	2,30,300.00
				(o) Honorarium to resource persons	-	17,600.00
				(p) Identification/ training/seminar	-	1,27,660.55
				(q) computer	-	73,200.00
				(r) Furniture	-	26,626.00
Sd. (D.S. Negi) Office Superintendent	Sd. (S. Asif Mian) Accountant (I/A)	Sd. (Surinder Nath) Accounts Officer	Sd. (Athar Ali) Assistant Director (Admn.)	Sd. (Dr. Mohammed Khalid Siddiqui) Director		

S. No.	Receipts			Payments		
	Previous year	Current year	Total	Previous year	Current year	Total
(xi) Sale of old newspapers	–	48.00		(s) Photocopier machine	–	12,500.00
(xii) Sale of seeds	–	100.00	18,07,895.38	(t) Farmers meet		1,38,314.90
				(u) Adjustment against refund by Dr. V.K. Singh (Incharge)	–	18,300.00
				(v) Amount transferred by Dr. V.K. Singh (Incharge), Headquarters, New Delhi	–	53,310.38
				Closing balance		
				(a) Headquarters, New Delhi (Project no. 127/02)	1,38,685.38	1,29,525.38
				Total Rs.	13,55,681.38	18,07,895.38
12. Manuscript a/c						
(i) Opening balance	24,829.00	6,287.00		(i) Printing of publications	10,21,412.00	–
(ii) Bank interest	2,870.00	–		(ii) Refund to Ministry of Health & F.W	–	6,287.00
(iii) Grant-in-aid	10,00,000.00	–	6,287.00	Closing balance :-	6,287.00	–
Total Rs.	10,27,699.00	6,287.00		Total Rs.	10,27,699.00	6,287.00
13. Unani Pharmacopoeia a/c				(i) T.A 69,620.00		
(i) Opening balance	–	861.00		(ii) Printing of books	11,88,519.00	
(ii) Grant-in-aid	12,59,000.00	–		Closing balance (Bank) :-	861.00	
Total Rs.	12,59,000.00	861.00	861.00	Total Rs.	12,59,000.00	861.00
14. International Conference & Silver Jubilee Celebration of the Council a/c				(i) Miscellaneous expenses	–	
(i) Opening balance	1,43,861.00	1,48,962.00		Closing balance (Bank) :-	148,962.00	1,54,221.00
(ii) Bank interest	5,101.00	5,259.00	1,54,221.00	Total Rs.	1,48,962.00	1,54,221.00
Total Rs.	1,48,962.00	1,54,221.00				
15. New Pension Scheme a/c				(i) Excess transfer in Previous Year received	11,608.00	–
(i) Opening balance (Bank)	1,05,656.00	1,37,600.00		(ii) Investments	30,46,604.61	48,90,000.00
(ii) Subscription recovered/received	12,58,875.00	21,19,475.00		(iii) Excess subscription in 06-07 now rectified	–	100.00
(iii) Bank interest	26,381.61	5,707.00		Closing balance (Bank) :-	1,37,600.00	2,611.00
(iv) Council contribution for New Pension Scheme	6,79,900.00	26,29,929.00		Total Rs.	31,95,812.61	48,92,711.00
(v) Investment received	11,25,000.00	–	48,92,711.00			
Total Rs.	31,95,812.61	48,92,711.00				
16. Donation a/c				Closing balance (Donation a/c)	–	31,656.75
(i) Opening balance	–	–				
(ii) Donation received from patients (CRIUM, Hyderabad)	–	31,656.75	31,656.75			
Total Rs.	–	31,656.75		Total Rs.	–	31,656.75
Sd. (D.S. Negi) Office Superintendent	Sd. (S. Asif Mian) Accountant (I/A)	Sd. (Surinder Nath) Accounts Officer	Sd. (Athar Ali) Assistant Director (Admn.)	Sd. (Dr. Mohammed Khalid Siddiqui) Director		

(17) R/P CPF/GPF A/c

S.No.	Previous year	Current year	Total	S.No.	Previous year	Current year	Total
12 CPF/GPF a/c				1.			
(i) Opening balance (Bank)	65,63,297.79	69,83,762.66		2. CPF/GPF advances	28,13,564.00	31,65,109.00	
(ii) Bank interest	1,33,42,789.01	12,44,195.00		3. CPF/GPF final withdrawals	1,06,95,358.00	1,27,31,050.00	
(iii) Council's contribution for CPF, interest thereon & interest on CPF/GPF subscription received from Health a/c (Tentatively)	65,10,612.32	34,07,234.05		4. CPF/GPF Final payment	35,39,281.00	43,51,423.00	
(iv) Recoveries of CPF/GPF subscription & advances :-				5. Investments	13,93,28,124.07	1,04,95,082.12	
(a) Subscription	1,64,05,910.00	1,78,49,859.00		6. Bank Charges	1,250.00	1,608.00	
(b) Advances	28,71,988.00	27,81,550.00		7. Amount left debit left in Cash Book on a/c of final withdrawal now taken into a/c	95,500.00	-	
(v) Excess subscription received from RRIUM, Patna	600.00			8. Over & above balance after meeting of Final payments transferred to Health a/c	1,914.00	917.00	
(vi) Recoverable subscription received	4,000.00			9.			
(vii) Final withdrawal excess debited in previous now rectified	40,000.00			10. Closing balance (Bank) :-	69,83,762.66	15,21,411.59	
(ix) Investments received	10,00,74,229.93						
(x) Returned T.D.S	2,22,227.00						
(xi) Accrued interest received	1,74,23,099.68						
Total Rs.	16,34,58,753.73	3,22,66,600.71	3,22,66,600.71	Total Rs.	16,34,58,753.73	3,22,66,600.71	3,22,66,600.71

Sd.
(D.S. Negi)
Office Superintendent

Sd.
(S. Asif Mian)
Accountant (I/A)

Sd.
(Surinder Nath)
Accounts Officer

Sd.
(Athar Ali)
Assistant Director (Admn.)

Sd.
(Dr. Mohammed Khalid Siddiqui)
Director

**(18) R/P GIS a/c**

S.No.	Previous year	Current year	Total	S.No.	Previous year	Current year	Total
(13) GIS a/c							
(i) Opening balance	21,02,402.51	1,77,400.73		1. Final payments	4,55,679.00	3,12,530.00	
(ii) Bank interest	3,46,648.87	11,312.00		2. L.I.C.	5,60,000.00	5,50,000.00	
(iii) Recoveries of GIS subscription	8,97,125.00	9,29,950.00		3. LIC amount from LIC office	7,50,000.00	50,000.00	
(iv) From LIC for disbursement	7,50,000.00	50,000.00		4. Investments	1,62,08,576.39	–	
(v) Accrued interest received	22,41,674.94	–		5. Closing balance (Bank)	1,77,400.73	7,41,510.65	
(vi) Investments	1,17,91,535.00	4,85,377.92					
(vii) Return of TDS	21,369.00	–					
(viii) Amount left in Cash book now taken into a/c	.80	–					
(ix) Short GIS subscription taken now	900.00	–					
Total Rs.	1,81,51,656.12	16,54,040.65	16,54,040.65	Total Rs.	1,81,51,656.12	16,54,040.65	16,54,040.65

Sd.
(D.S. Negi)
Office Superintendent

Sd.
(S. Asif Mian)
Accountant (I/A)

Sd.
(Surinder Nath)
Accounts Officer

Sd.
(Athar Ali)
Assistant Director (Admn.)

Sd.
(Dr. Mohammed Khalid Siddiqui)
Director

(19) R/P Pension Fund A/c

S.No.	Previous year	Current year	Total	S.No.	Previous year	Current year	Total
1. Opening balance (Bank)	62,01,235.25	6,68,667.12		1. Pensions payment	80,84,138.00	1,19,26,806.00	
2. Bank interest	4,04,527.19	20,238.00		2. TDS		78,604.00	2,79,953.00
3. TDS	78,604.00	2,79,953.00		3. Excess credit in Cash book (previous year) now rectified accordingly in a/cs	12,010.00		
4. Registration fee from patients	29,18,067.00	31,18,362.00		4. Amount transferred to respective Institutes on a/c of :-			
5. Pension fund received from Deptt. of AYUSH Ministry of Health & Family Welfare a/c from Health a/c	37,50,000.00	1,11,67,240.00		(i) GIS	100.00		
6. Recovery of excess payment of pension	3,70,426.00	2,07,457.00		(ii) Professional tax	2,800.00		
7. Amount receivable from Health a/c as wrongly paid from Pension fund a/c on a/c of				(iii) Electricity & water charges	1,203.00		
(i) GIS	100.00			5. Recovery of Honorarium transferred to Health a/c	13,750.00	4,000.00	
(ii) Professional tax	2,800.00			6. Amount left in previous year in cash book now taken into a/c	0.80		
(iii) Water & Electricity charges	1,203.00			7. Investments	1,39,32,676.10		
8. Recovered excess payment of Honorarium for remittance to RRIUM, Kolkata	13,750.00	4,000.00		8. Closing balance			
9. Cheque issued in previous year but cancelled in current year	9,626.00	–		(i) Bank of India	5,65,947.00	33,47,377.00	
10. Misc. receipts from Health a/c	1,49,759.00	1,25,890.00		(ii) Bank of Baroda	1,20,720.12	54,660.12	
11. Refund of TDS	1,14,743.00						
12. Accrued interest received	4,45,921.94						
13. Investment received	83,51,186.64						
14. Bank interest to be transferred to Health a/c	–	2,989.00					
Total Rs.	2,28,11,949.02	1,56,12,796.12	1,56,12,796.12	Total Rs.	2,28,11,949.02	1,56,12,796.12	1,56,12,796.12
Grand Total Rs.			50,02,23,770.54	Grand Total Rs.			50,02,23,770.54

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(Athar Ali)
Assistant Director (Admn.)

Sd.
(Dr. Mohammed Khalid Siddiqui)
Director



CENTRAL COUNCIL FOR RESEARCH IN UNANI MEDICINE
Consolidated Income & Expenditure a/c of the Council for the year ending 31st March 2008

Expenditure			Income		
	Previous Year	Current Year	Previous Year	Current Year	
1. Expenditure					1. GIA a/c
(i) Health A/c					(i) Health A/c
(a) Non-Plan	12,70,80,651.42	15,83,58,143.00	(A) (a) Non-Plan	12,14,50,268.00	16,00,00,000.00
(b) Plan	12,25,55,079.00	13,09,77,053.50	(b) Less: Capitalised	(-) 59,145.00	(-) 20,076.00
(ii) DSOP a/c	49,895.00	73,252.00	(B) (a) Plan 15,95,63,661.00	-	18,72,00,000.00
(iii) WHO a/c	10,87,835.00	11,38,016.00	(b) Less: Capitalised	(-) 2,09,30,807.50	(-) 6,38,07,246.00
(iv) NMPB a/c	25,996.00	14,79,588.62	(c) Less: Capitalised	(-) 10,28,155.00	(-) 11,03,932.00
(v) Manuscript a/c	10,21,412.00	-	2. WHO a/c	14,80,500.00	9,74,390.00
(vi) Unani Pharmacopoeia a/c	12,58,139.00	-	3. Manuscript a/c	10,00,000.00	-
(vii) EMR a/c		3,63,623.00	4. Unani Pharmacopoeia a/c	12,59,000.00	(-) 21,507.00
(viii) Digitisation of manuscripts a/c		3,695.00	5. DSOP a/c	-	9,00,000.00
			6. (i) NMPB a/c	-	(-) 1,27,171.00
			(ii) Less: Capitalised	-	46,00,000.00
			7. Publication of text book a/c	-	4,00,000.00
			8. EMR a/c	-	35,00,000.00
			9. Digitisation of manuscripts a/c	-	-
Total S.No. 1 Rs.	25,30,79,007.42	29,23,93,371.12	26,27,35,321.50	29,24,94,458.00	
2. Excess of Income over Expenditure :			3. Miscellaneous receipts		
(i) Herb Garden a/c	17,584.00	17,864.00	(i) Health A/c Non-Plan	6,83,545.00	9,73,450.55
(ii) Health A/c (Plan)	1,60,39,857.50	-	(ii) Health A/c Plan	9,90,238.00	13,18,437.00
(iv) ROTP a/c	1,350.00	68.00	(iii) Herb Garden a/c	17,584.00	17,864.00
(v) Seminar	203.00	105	(iv) UPS a/c	34,531.00	11,066.00
(vi) WHO	5,04,124.00	-	Less : Capitalised	(-) 4,99,974.00	-
(vii) NMPB	4,34,758.00	-	(vi) Seminar a/c	203.00	105.00
(viii) International Conference & Silver Jubilee Celebrations	5,101.00	5,259.00	(vii) (a) DSOP a/c	9,269.00	1,31,684.00
(ix) Unani Pharmacopoeia a/c	861.00	-	(b) Less: Capitalised	(-)32,647.00	-
(ix) Health a/c (Non-plan)	-	25,95,231.55	(viii) WHO a/c	1,11,459.00	15,780.00
(x) UPS a/c	-	11,066.00	(ix) ROTP a/c	1,350.00	68.00
(xi) DSOP a/c	-	36,925.00	(x) NMPB a/c	4,60,754.00	57,210.00
(xii) Publication of text books a/c	-	46,00,000.00	(xi) Manuscript a/c	2,870.00	-
(xiii) EMR a/c	-	37,876.00	(xii) International conference & silver Jubilee celebration of the Council a/c	5,101.00	5,259.00
(xiv) Digitisation of manuscripts a/c	-	34,96,305.00	(xiii) EMR a/c	-	1,499.00
				17,84,283.00	25,32,422.55
Sd. (D.S. Negi) Office Superintendent	Sd. (S. Asif Mian) Accountant (I/A)	Sd. (Surinder Nath) Accounts Officer	Sd. (Athar Ali) Assistant Director (Admn.)	Sd. (Dr. Mohammed Khalid Siddiqui) Director	

	Expenditure		Income	
	Previous Year	Current Year	Previous Year	Current Year
3. Excess of Expenditure over Income:-				
(i) Health A/c				
(a) Non-Plan			50,05,983.42	
(b) Plan			-	73,69,794.50
(ii) UPS a/c			4,65,443.00	-
(iii) DSOP a/c			73,273.00	-
(iv) Manuscript a/c			18,542.00	-
(v) WHO a/c			-	1,47,846.00
(vi) NMPB a/c			-	6,49,549.62
Total Rs.	1,70,03,838.50		Total Rs. S.No.3	55,63,241.42
	27,00,82,845.92	30,31,94,070.67	Total Rs.	81,67,190.12
				27,00,82,845.92
				30,31,94,070.67

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(Athar Ali)
Assistant Director (Admn.)

Sd.
(Dr. Mohammed Khalid Siddiqui)
Director



CENTRAL COUNCIL FOR RESEARCH IN UNANI MEDICINE

Income & Expenditure a/c for the year ending 31st March 2008

(Individual Income & Expenditure a/c)

EXPENDITURE					INCOME				
Previous year		(1) Health a/c	Current year		Previous year			Current year	
Non-Plan (Rs)	Plan (Rs)		Non-Plan (Rs)	Plan (Rs)	Non-Plan (Rs)	Plan (Rs)		Non-Plan (Rs)	Plan (Rs)
11,92,51,451.90	4,68,36,412.00	1) Establishment expenses	15,40,14,659.00	3,42,43,296.00	12,14,50,268.00	15,95,63,661.00	1. Grant-in-aid from M/o Health & F.W. Deptt. of AYUSH	16,00,00,000.00	18,72,00,000.00
18,04,703.25	3,31,26,244.50	2) (i) Administrative expenses	23,37,279.00	4,39,68,552.00	–	50,000.00	2. (i) Miscellaneous receipt(s)	964324.55	11,89,359.00
		(ii) –do–	–	96,316.00					
61,845.90	3,24,19,766.50	3) Material & Supplies	2,72,488.00	3,25,73,938.50	6,83,545.00	9,40,286.00	(ii) Add: Misc. receipts	–	–
6,53,539.00	85,05,439.00	4) Other charges	17,33,717.00	2,00,94,951.00	–	(-) 8.00	(iii) Less: IPO refunded back	–	–
–	–	5) Short amount of interest 02-03 on a/c of CPF/GPF			12,21,33,813.00	16,05,53,899.00	Total S. No. 1 & 2		
		6) Council's contribution for CPF, interest thereon & interest on CPF/GPF subscription					3. Less: Capitalised	(-) 20,076.00	(-) 6,38,07,246.00
23,02,238.37	10,71,408.00	(i) Per 2005-06			(-) 59,145.00	(-) 2,09,30,807.50	(i) Non Consumable item	–	(-) 11,03,932.00
30,00,000.00	5,00,000.00	(ii) Per 2006-07					(ii) Council's Publications	(+) 9,126.00	(+) 1,29,078.00
	70,000.00	7) Provision for audit fee					11, 19, 240 (a) Exps. .11,59,784.00		
							8. 194. (b) payable Rs. 11,27,434		
							(-) 1, 41, 626.(c) Less:sale		
							(-)1,31,629.00		
6,873.00	25,809.00	8) Exps payable			50,05,983.42		(4) Excess of Expenditure Over Income	–	73,69,794.50
	1,60,39,857.50	9) Excess of Income over Expenditure	25,95,231.55						
12,70,80,651.42	13,85,94,936.50	Total Rs.	16,09,53,374.55	13,09,77,053.50	12,70,80,651.42	13,85,94,936.50	Total Rs.	16,09,53,374.55	13,09,77,053.50
26,56,75,587.92		Total Non Plan & Plan Rs. C/f	29,19,30,428.05		26,56,75,587.92		Total Non Plan & Plan Rs. C/f	29,19,30,428.05	
Sd. (D.S. Negi) Office Superintendent		Sd. (S. Asif Mian) Accountant (I/A)		Sd. (Surinder Nath) Accounts Officer		Sd. (Athar Ali) Assistant Director (Admn.)		Sd. (Dr. Mohammed Khalid Siddiqui) Director	

EXPENDITURE		INCOME							
Previous year		Particulars	Current year		Previous year		Particulars	Current year	
Amount (Rs)	Total (Rs)		Amount (Rs)	Total (Rs)	Amount (Rs)	Total (Rs)		Amount (Rs)	Total (Rs)
		Total B/F	29,19,30,428.05				Total B/F	29,19,30,428.05	
		2) Re-orientation Training Programme a/c:							
1,350.00					1,350.00		1) Bank interest	68.00	68.00
		Excess of income over expenditure	68.00	68.00					
1,350.00		Total Rs.	68.00		1,350.00		Total Rs.	68.00	
		3) Herb garden a/c :-							
17,584.00		i) Formulation policy charges			17,584.00		1) Bank Interest	17,864.00	17,864.00
		Excess of Income over Expenditure	17,864.00	17,864.00					
17,584.00		Total Rs.	17,864.00		17,584.00		Total Rs.	17,584.00	
		(4) Unani Pharmacopoeia standardization a/c			34,531.00		(i) Bank interest	11,066.00	11,066.00
					(-) 4,59,974.00		(ii) Less: Capitalised	–	
–		Excess of Income over Expenditure :	11,066.00	11,066.00	4,65,443.00		Excess of Expenditure Over Income		
		Total Rs.	11,066.00				Total Rs.	11,066.00	
					203.00		Bank interest	105	105.00
		(5) Seminar a/c							
203.00		Excess of Income over Expenditure :	105.00	105.00					
203.00		Total Rs.	105.00		203.00		Total Rs.	105.00	
		(6) Development of standard operational procedures a/c							
6,000.00		(i) Wages			5,073.00		(i) Bank interest	1,684.00	
9,513.00		(ii) Office Expenses	7,884.00		4,196.00		(ii) Miscellaneous receipts	–	
13,146.00		(iii) Consolidated expenses	50,373.00		(-) 31,875.00		(iii) Less: Capitalised	(-) 1,138.00	
8,158.00		(iv) Honorarium	1,500.00		(-) 772.00		(iv) Less: Capitalised	(-) 20,369.00	
Sd. (D.S. Negi) Office Superintendent	Sd. (S. Asif Mian) Accountant (I/A)	Sd. (Surinder Nath) Accounts Officer	Sd. (Athar Ali) Assistant Director (Admn.)		Sd. (Dr. Mohammed Khalid Siddiqui) Director				



EXPENDITURE		INCOME							
Previous year		Particulars	Current year		Previous year		Particulars	Current year	
Amount (Rs)	Total (Rs)		Amount (Rs)	Total (Rs)	Amount (Rs)	Total (Rs)		Amount (Rs)	Total (Rs)
1,504.00		(v) Maintenance	1,135.00				(v) Add: Refund from Jamia Hamdard	1,30,000.00	
9,174.00		(vi) Material & Supplies	9,153.00						
1,225.00		(vii) Information Technology (Consumable)	3,207.00						
1,175.00		(viii) T.A.	–						
–		(ix) Excess of Income over Expenditure :	36,925.00	1,10,177.00	73,273.00		Excess of Expenditure Over Income	–	1,10,177.00
49,895.00	‘	Total Rs.	1,10,177.00		49,895.00	‘	Total Rs.	1,10,177.00	
(7) WHO a/c									
(i) Consolidated expenditure:-									
4,71,000.00		(a) A/c no. 26084	–		1,07,829.00		(i) Bank interest		
6,16,835.00		(b) A/c no. 469	20.00		1,282.00		(a) A/c no. 24656	6,141.00	
		(c) A/c no. 1138	8,85,241.00		456.00		(b) A/c no. 23352	1,043.00	
		(d) A/c no. 1244	20.00		44.00		(c) A/c no. 26084	3,990.00	
		(e) A/c no. 1244	2,52,735.00		1,848.00		(d) A/c no. 469	195.00	
							(e) A/c no. 836	–	
							(f) A/c no. 1138	2,978.00	
							(g) A/c no. 1244	1,433.00	
							(ii) GIA		
5,04,124.00		(ii) Excess of Income over Expenditure :	–	11,38,016.00	3,92,500.00		(a) A/c no. 469		
					6,84,500.00		(b) A/c no. 836		
					4,03,500.00		(c) A/c no. 1138	4,85,500.00	
							(d) A/c no. 26084	2,36,890.00	
							(e) A/c no. 1244	2,52,000.00	
							(iii) Excess of Expenditure Over Income	1,47,846.00	11,38,016.00
15,91,959.00		Total Rs.	11,38,016.00		15,91,959.00		Total Rs.	11,38,016.00	
(8) National Medicinal Plants Board a/c									
25,996.00		(i) Wages	2,75,598.92		21,802.00		(i) Grant-in-aid	9,00,000.00	
		(ii) T.A	7,047.00		6,475.00		(ii) Bank interest	44,354.00	
		(iii) Nursery development charges	1,18,878.50		4,32,477.00		(iii) Sale of booklet	2,425.00	
							(iv) (a) Mis. Receipts	9,800.00	
							(b) Mis. Receipts	48.00	
Sd. (D.S. Negi) Office Superintendent	Sd. (S. Asif Mian) Accountant (I/A)	Sd. (Surinder Nath) Accounts Officer	Sd. (Athar Ali) Assistant Director (Admn.)	Sd. (Dr. Mohammed Khalid Siddiqui) Director					

EXPENDITURE		INCOME							
Previous year		Particulars	Current year		Previous year		Particulars	Current year	
Amount (Rs)	Total (Rs)		Amount (Rs)	Total (Rs)	Amount (Rs)	Total (Rs)		Amount (Rs)	Total (Rs)
		(iv) Office Expenses	2,22,162.75				(c) Mis. Receipts	100.00	
		(v) Kisan Pardarshni	1,42,860.00				(d) Mis. Receipts	483.00	
		(vi) Mis. Contingent expenses	64,162.00						
		(vii) Documentary project activities	15,000.00						
		(viii) Industraial & agricultural exhibition	19,968.00				(v) Less: Capitalised		
		(ix) Visits to villages	1,00,036.00				(a) Books	(-) 14,845.00	
		(x) Printing charges	2,30,300.00				(b) Computer	(-) 73,200.00	
		(xi) Honorarium	17,600.00				(c) Furniture	(-) 26,626.00	
		(xii) Identification/ training/seminars	1,27,660.55				(d) Photocopier machine	(-) 12,500.00	
		(xiii) Farmers meet	1,38,314.90				(vi) Excess of Expenditure Over Income	6,49,549.62	14,79,588.62
4,34,758.00		(-) Excess of Income over Expenditure :	–	14,79,588.62					
4,60,754.00		Total Rs.	14,79,588.62		4,60,754.00		Total Rs.	14,79,588.62	
(9) Manuscript a/c									
10,21,412.00		(i) Printing of publication	–	–	10,00,000.00		(i) Grant-in-aid	–	–
					2,870.00		(ii) Bank interest	–	–
					18,542.00		(iii) Excess of Expenditure Over Income	–	–
10,21,412.00		Total Rs.	–	–	10,21,412.00		Total Rs.	–	–
(10) International Conference & Silver Jubilee Celebration of the Council									
5,101.00		Excess of Income over Expenditure :	5,259.00	5,259.00	5,101.00		(i) Bank interest	5,259.00	5,259.00
5,101.00		Total Rs.	5,259.00		5,101.00		Total Rs.	5,259.00	
Sd. (D.S. Negi) Office Superintendent	Sd. (S. Asif Mian) Accountant (I/A)	Sd. (Surinder Nath) Accounts Officer	Sd. (Athar Ali) Assistant Director (Admn.)	Sd. (Dr. Mohammed Khalid Siddiqui) Director					



EXPENDITURE				INCOME			
Previous year		Particulars	Current year		Particulars	Current year	
Amount (Rs)	Total (Rs)		Amount (Rs)	Total (Rs)		Amount (Rs)	Total (Rs)
		(11) Unani Pharmacopoeia (Headquarters, New Delhi a/c					
69,620.00		(i) T.A	-	-	12,59,000.00	(i) Grant-in-aid	-
11,88,519.00		(ii) Printing of books	-	-	(ii) Bank interest	-	-
861.00		Excess of Income over Expenditure :					
12,59,000.00		Total Rs.			12,59,000.00	Total Rs.	-
		(12) Publication of text books a/c					
-		Excess of Income	46,00,000.00	46,00,000.00	-	(i) Grant-in-aid	46,00,000.00
		over Expenditure :					
-		Total Rs.	46,00,000.00		-	Total Rs.	46,00,000.00
		(13) EMR a/c					
		(i) Salary	1,37,883.00			(i) Grant-in-aid	4,00,000.00
-		(ii) T.A.	2,25,590.00			(ii) Bank interest	1,499.00
-		(iii) Office Expenses	150.00				
-		(iv) Excess of Income	37,876.00	4,01,499.00			
		over Expenditure :					
		Total Rs.	4,01,499.00			Total Rs.	4,01,499.00
		(14) Digitisation of Manuscripts a/c					
		(i) T.A	3,695.00			(i) Grant-in-aid	35,00,000.00
		(ii) Excess of Income	34,96,305.00	35,00,000.00	-		
		over Expenditure :					
		Total Rs.	35,00,000.00			Total Rs.	35,00,000.00
		Grand Total (S.No. 1 to 14)	30,31,94,070.67		-	Grand Total (S.No. 1 to 14)	30,31,94,070.67

Sd.
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Office Superintendent

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Assistant Director (Admn.)

Sd.
(Dr. Mohammed Khalid Siddiqui)
Director

CENTRAL COUNCIL FOR RESEARCH IN UNANI MEDICINE

Consolidated Balance Sheet as on 31st March 2008

Liabilities	Schedule No.	Previous year	Current year	Assets	Schedule No.	Previous year	Current year
1. Capital Fund a/c	(S/1)			1. Fixed assets	(S/3)		
(i) Health A/c		11,38,61,642.68	15,74,58,395.28	(i) Health A/c		11,38,61,642.68	15,74,58,395.28
(ii) Family Welfare a/c		65,415.71	53,111.71	(ii) Family Welfare a/c		65,415.71	53,111.71
(iii) Patent a/c		10,493.00	10,493.00	(iii) Patent a/c		10,493.00	10,493.00
(iv) Herb Garden a/c		5,40,836.00	4,86,752.00	(iv) Herb Garden a/c		5,40,836.00	4,86,752.00
(v) UPS a/c		10,37,800.00	7,82,600.00	(v) UPS a/c		10,37,800.00	7,82,600.00
(vi) DSOP a/c		96,166.00	94,821.00	(vi) DSOP a/c		96,166.00	94,821.00
(vii) NMPB a/c		–	30,963.00	(vii) NMPB a/c		–	30,963.00
Total Rs. S.No		11,56,12,353.39	15,89,17,135.99	Total S.No.1		11,56,12,353.39	15,89,17,135.99
2. Current Liabilities	(S/2)			2. Current assets	(S/5A)		
				(Cash & Bank balances)			
(i) Health A/c		41,88,375.28	7,96,821.85	(i) Health a/c		1,88,346.60	2,37,505.60
(ii) F.W. a/c		17,090.00	17,090.00	(ii) ROTP a/c		1,932.90	2,000.90
(iii) ROTP a/c		3,750.00	3,750.00	(iii) Herb Garden a/c		8,60,757.00	8,78,621.00
(iv) UPS a/c		10,500.00	10,500.00	(iv) UPS a/c		3,45,041.35	3,56,107.35
(v) WHO a/c		2,28,597.00	2,43,221.00	(v) Seminar a/c		2,939.00	3,044.00
(vi) NMPB a/c		71,610.38	–	(vi) DSOP a/c		20,616.05	1,89,424.05
(vii) New Pension Scheme a/c		20,59,204.61	68,43,622.61	(vii) WHO a/c		6,20,386.00	3,93,634.00
(viii) CPF/GPF a/c		14,20,67,887.86	14,44,76,943.86	(viii) NMPB a/c		1,38,685.38	1,29,525.38
(ix) GIS a/c		1,10,96,805.12	1,11,75,537.12	(ix) Manuscript a/c		6,287.00	–
(x) Pension Fund a/c		83,36,613.58	1,11,04,573.58	(x) International Conference		1,48,962.00	1,54,221.00
(xi) Donation a/c		–	31,656.75	(xi) New Pension Scheme		1,37,600.00	2,611.00
Total Rs.		16,80,80,433.83	17,47,03,716.77	(xii) CPF/GPF a/c		69,83,762.66	15,21,411.59
				(xiii) GIS a/c		1,77,400.73	7,41,510.65
				(xiv) Pension fund a/c		6,86,667.12	34,02,037.12
				(xv) Unani Pharmacopoeia		861.00	861.00
				(xvi) Publication of text books a/c		–	46,00,000.00
				(xvii) EMR a/c	(S/5A)	–	37,876.00
				(xviii) Digitisation of manuscripts a/c		–	34,96,305.00
				(xix) Donation a/c		–	31,656.75
				Total S.No.(2) Rs.		1,03,20,244.79	1,61,78,352.39
Sd.	Sd.	Sd.	Sd.	Sd.	Sd.		
(D.S. Negi)	(S. Asif Mian)	(Surinder Nath)	(Athar Ali)	(Dr. Mohammed Khalid Siddiqui)			
Office Superintendent	Accountant (I/A)	Accounts Officer	Assistant Director (Admn.)	Director			



Liabilities	Schedule No.	Previous year	Current year	Assets	Schedule No.	Previous year	Current year
3. Excess of Income over Expenditure	(S/4)			3. Current assets (Loans & advances)	(S/5B)		
(i) Health A/c		6,28,40,198.35	5,78,77,156.40	(i) Health A/c		6,68,40,227.03	5,84,36,472.65
(ii) Herb Garden a/c		10,60,757.00	10,78,621.00	(ii) F.W. a/c		2,047.94	2,047.94
(iii) UPS a/c		3,54,541.35	3,65,607.35	(iii) ROTP a/c		2.00	2.00
(iv) Seminar a/c		2,939.00	3,044.00	(iv) Herb Garden a/c		2,00,000.00	2,00,000.00
(v) DSOP a/c		1,57,499.05	1,94,424.05	(v) UPS a/c		20,000.00	20,000.00
(vi) WHO a/c		4,05,789.00	2,51,206.00	(vi) DSOP a/c		1,36,883.00	5,000.00
(vii) NMPB a/c		9,04,075.00	1,29,525.38	(vii) WHO a/c		14,000.00	1,00,793.00
(viii) Manuscript a/c		6,287.00	—	(viii) NMPB a/c		8,37,000.00	—
(ix) International conference & silver Jubilee celebration of the Council		1,48,962.00	1,54,221.00	(ix) CPF/GPF a/c		74,24,792.03	48,01,116.98
(x) Unani Pharmacopoeia		861.00	861.00	(x) GIS a/c		180.00	180.00
(xi) Publication of text book a/c			46,00,000.00	(xi) Pension Fund a/c		18,457.00	71,047.00
(xii) EMR a/c			37,876.00	(xiii) New Pension scheme a/c		—	29,407.00
(xiii) Digitisation of Manuscript a/c			34,96,305.00				
Total S.No. 2 Rs.		6,58,81,908.75	6,81,88,847.18	Total S.No. 3 Rs.		7,54,93,589.00	6,36,66,066.57
				4. Current assets (Investments)	(S/5C)		
				(i) CPF/GPF a/c		12,76,59,333.17	13,81,54,415.29
				(ii) GIS a/c		1,09,19,224.39	1,04,33,846.47
				(iii) Pension Fund a/c		76,31,489.46	76,31,489.46
				(iv) New Pension scheme a/c		19,21,604.61	68,11,604.61
				Total S.No. 4 Rs.		14,81,31,651.63	16,30,31,355.83
				5. Excess of Expenditure over Income :-	(S/4)		
				(i) F.W. a/c		15,042.06	15,042.06
				(ii) R.O.T.P. a/c		1,815.10	1,747.10
				Total Rs.		16,857.16	16,789.16
Grand Total Rs.		34,95,74,695.97	40,18,09,699.94	Grand Total Rs.		34,95,74,695.97	40,18,09,699.94

Sd.
(D.S. Negi)
Office Superintendent

Sd.
(S. Asif Mian)
Accountant (I/A)

Sd.
(Surinder Nath)
Accounts Officer

Sd.
(Athar Ali)
Assistant Director (Admn.)

Sd.
(Dr. Mohammed Khalid Siddiqui)
Director

CENTRAL COUNCIL FOR RESEARCH IN UNANI MEDICINE

Balance Sheet as on 31st March 2008

(Individual Balance Sheet)

(1) Health Scheme:-

Liabilities					Assets				
S. Particular No.	Schedule No.	Previous year	Current years	Total	S. Particular No.	Schedule No.	Previous year	Current years	Total
1. Capital fund	(S/1)	11,38,61,642.68	15,74,58,395.28		1 Fixed assets	((S/3)	11,38,61,642.68	15,74,58,395.28	
2. Current liabilities	(S/2)	41,88,375.28	7,96,821.85		2 Current assets :-	(S/5)			
3. Excess of Income over Expenditure (S/4)	(S/4)	6,28,40,198.35	5,78,77,156.40		i) Cash & Bank balance	(S/5A)	1,88,346.60	2,37,505.60	
					ii) Loans & advances	(S/5B)	6,68,40,227.03	5,84,36,472.65	
Total Rs.		18,08,90,216.31	21,61,32,373.53	C/f 21,61,32,373.53	Total Rs.		18,08,90,216.31	21,61,32,373.53	C/f 21,61,32,373.53

Sd.
(D.S. Negi)
Office Superintendent

Sd.
(S. Asif Mian)
Accountant (I/A)

Sd.
(Surinder Nath)
Accounts Officer

Sd.
(Athar Ali)
Assistant Director (Admn.)

Sd.
(Dr. Mohammed Khalid Siddiqui)
Director



S. Liabilities No.	Schedule No.	Previous year	Current years	Total	S. Assets No.	Schedule No.	Previous year	Current years	Total
Total B/F				21,61,32,373.53	Total B/F				21,61,32,373.53
2. Family Welfare a/c					1. Fixed assets	(S/3)	65,415.71	53,111.71	
(i) Capital fund	(S/1)	65,415.71	53,111.71		2. Current assets	(S/5B)	2,047.94	2,047.94	
(ii) Current Liabilities	(S/2)	17,090.00	17,090.00		3. Excess of Expenditure over Income	(S/4)	15,042.06	15,042.06	
Total Rs.		82,505.71	70,201.71	70,201.71	Total Rs.		82,505.71	70,201.71	70,201.71
3. Reorientation training programme a/c					(i) Current assets :				
(i) Current Liabilities	(S/2)	3,750.00	3,750.00		(a) Bank balance	(S/5A)	1,932.90	2,000.90	
Total Rs.		3,750.00	3,750.00	3,750.00	(b) Loan & advances	(S/5B)	2.00	2.00	
4. Patent a/c:					Excess of Expenditure over Income	(S/4)	1,815.10	1,747.10	
(i) Capital Fund a/c	(S/1)	10,493.00	10,493.00	10,493.00	Total Rs.		3,750.00	3,750.00	3,750.00
Total Rs.		10,493.00	10,493.00		1. Fixed assets	(S/3)	10,493.00	10,493.00	10,493.00
5. Herb Garden a/c :-					Total Rs.		10,493.00	10,493.00	
(i) Capital Fund a/c	(S/1)	5,40,836.00	4,86,752.00		1. Fixed assets	(S/3)	5,40,836.00	4,86,752.00	
(ii) Excess of Income over Expenditure	(S/4)	10,60,757.00	10,78,621.00		2. Current assets	(S/5A)	8,60,757.00	8,78,621.00	
Total Rs.		16,01,593.00	15,65,373.00	15,65,373.00	3. Current assets	(S/5B)	2,00,000.00	2,00,000.00	
6. Unani Pharmacopoeia a/c					Total Rs.		16,01,593.00	15,65,373.00	15,65,373.00
(i) Capital Fund a/c	(S/1)	10,37,800.00	7,82,600.00		1. Fixed assets	(S/3)	10,37,800.00	7,82,600.00	
(ii) Current Liabilities	(S/2)	10,500.00	10,500.00		2. Current assets	(S/5A)	3,45,041.35	3,56,107.35	
(iii) Excess of Income over Expenditure	(S/4)	3,54,541.35	3,65,607.35	11,58,707.35	(Bank balance)				
Total Rs.		14,02,841.35	11,58,707.35		3. Current assets	(S/5B)	20,000.00	20,000.00	11,58,707.35
7. Seminar a/c					(Loan & advances)				
(i) Excess of Income over Expenditure	(S/4)	2,939.00	3,044.00	3,044.00	Total Rs.		14,02,841.35	11,58,707.35	
Total Rs.		2,939.00	3,044.00		(i) Current assets :				
8. Development of standard operational procedures a/c					1. Bank balance	(S/5A)	2,939.00	3,044.00	3,044.00
(i) Capital Fund a/c	(S/1)	96,166.00	94,821.00		1. Fixed assets	(S/3)	96,166.00	94,821.00	
(ii) Excess of Income over Expenditure	(S/4)	1,57,499.05	1,94,424.05		2. Current assets				
Total Rs.		2,53,665.05	2,89,245.05	2,89,245.05	(a) Bank balance	(S/5A)	20,616.05	1,89,424.05	
					(b) Loan & advances	(S/5B)	1,36,883.00	5,000.00	2,89,245.05
					Total Rs.		2,53,665.05	2,89,245.05	
Total Rs.		2,53,665.05	2,89,245.05	2,89,245.05					
Sd. (D.S. Negi) Office Superintendent	Sd. (S. Asif Mian) Accountant (I/A)	Sd. (Surinder Nath) Accounts Officer	Sd. (Athar Ali) Assistant Director (Admn.)	Sd. (Dr. Mohammed Khalid Siddiqui) Director					

S. Liabilities No.	Schedule No.	Previous year	Current years	Total	S. Assets No.	Schedule No.	Previous year	Current years	Total
9. W.H.O. a/c					1. Current assets:-				
(i) Excess of Income over Expenditure	(S/4)	4,05,789.00	2,51,206.00		(a) Bank balance	(S/5A)			
(ii) Current Liabilities	(S/2)	2,28,597.00	2,43,221.00	4,94,427.00	(i) A/c no. 24656		1,73,945.00	1,80,086.00	
					(ii) A/c no. 23352		29,523.00	30,566.00	
					(iii) A/c no. 26084		13,374.00	1,67,461.00	
					(iv) A/c no. 469		44.00	8,512.00	
					(v) A/c no. 1138		4,03,500.00	-	
					(vi) A/c no. 1244		-	678.00	
					(vii) A/c no. 1431		-	6,331.00	
					(b) Loan & advance	(S/5B)			
					(a) A/c no. 24656		14,000.00	1,00,793.00	4,94,427.00
Total Rs.		6,34,386.00	4,94,427.00		Total Rs.		6,34,386.00	4,94,427.00	
10. National Medicinal Plants Board a/c					(i) Current assets:-				
(i) Excess of Income over Expenditure	(S/4)	9,04,075.00	1,29,525.38		(a) Bank balance	(S/5A)	1,38,685.38	1,29,525.38	
(ii) Current Liabilities	(S/2)	71,610.38	-		(b) Loan & advances	(S/5B)	8,37,000.00	-	
(iii) Capital fund	(S/1)	-	30,963.00	1,60,488.38	(ii) Fixed assets	(S/3)	-	30,963.00	1,60,488.38
Total Rs.		9,75,685.38	1,60,488.38		Total Rs.		9,75,685.38	1,60,488.38	
11. Manuscript a/c					Current assets :				
(i) Excess of Income over Expenditure	(S/4)	6,287.00	-	-	1. Bank balance	(S/5A)	6,287.00		
Total Rs.		6,287.00	-	-	Total Rs.		6,287.00	-	-
12. International Conference & Silver Jubilee Celebration of the Council					1. Current assets	(S/5A)	1,48,962.00	1,54,221.00	1,54,221.00
(i) Excess of Income over Expenditure	(S/4)	1,48,962.00	1,54,221.00	1,54,221.00	(Bank balance)				
Total Rs.		1,48,962.00	1,54,221.00		Total Rs.		1,48,962.00	1,54,221.00	
13. Publication of text books a/c					(i) Current assets :				
(i) Excess of Income over Expenditure :	(S/4)		46,00,000.00	46,00,000.00	Bank balance	(S/5A)	-	46,00,000.00	
Total Rs.			46,00,000.00		Total Rs.			46,00,000.00	46,00,000.00
14. EMR a/c					(i) Current assets :				
(i) Excess of Income over Expenditure :	(S/4)		37,876.00	37,876.00	Bank balance	(S/5A)	-	37,876.00	
Total Rs.			37,876.00		Total Rs.			37,876.00	37,876.00
Sd. (D.S. Negi) Office Superintendent	Sd. (S. Asif Mian) Accountant (I/A)	Sd. (Surinder Nath) Accounts Officer	Sd. (Athar Ali) Assistant Director (Admn.)	Sd. (Dr. Mohammed Khalid Siddiqui) Director					

S. Liabilities No.	Schedule No.	Previous year	Current years	Total	S. Assets No.	Schedule No.	Previous year	Current years	Total
15. Digitization of manuscripts a/c					(i) Current assets				
(i) Excess of Income over Expenditure :	(S/4)		34,96,305.00	34,96,305.00	Bank balance	(S/5A)	–	34,96,305.00	
Total Rs.			34,96,305.00		Total Rs.			34,96,305.00	34,96,305.00
16. Unani Pharmacopoeia a/c					(i) Current assets				
(i) Excess of Income over Expenditure :	(S/4)	861.00	861.00	861.00	Bank balance	(S/5A)	861.00	861.00	
Total Rs.		861.00	861.00		Total Rs.		861.00	861.00	861.00
17. Donation a/c					(i) Current assets				
Current liabilities	(S/2)	–	31,656.75	31,656.75	(a) Bank balance	(S/5A)	–	31,656.75	31,656.75
Total Rs.			31,656.75		Total Rs.			31,656.75	
18. New Pension Scheme a/c					1. Investments	(S/5c)	19,21,604.61	68,11,604.61	
(i) Current liabilities	(S/2)	20,59,204.61	68,43,622.61	68,43,622.61	2. Current assets				
					(i) Bank balance	(S/5A)	1,37,600.00	2,611.00	
Total Rs.		20,59,204.61	68,43,622.61		(ii) Accrued bank interest	(S/5B)	–	29,407.00	68,43,622.61
					Total Rs.		20,59,204.61	68,43,622.61	
19. B/S – CPF/GPF					1. Current assets				
1. Current Liabilities	(S/2)	14,20,67,887.86	14,44,76,943.86		(i) Investments	(S/5C)	12,76,59,333.17	13,81,54,415.29	
					(ii) Loans & advances	(S/5B)	74,24,792.03	48,01,116.98	
Total Rs.		14,20,67,887.86	14,44,76,943.86	14,44,76,943.86	(iii) Bank balances	(S/5A)	69,83,762.66	15,21,411.59	
							14,20,67,887.86	14,44,76,943.86	14,44,76,943.86
20. B/S – GIS 2007-08					1. Current assets				
15. GIS a/c					(a) Loans & advances	(S/5B)	180.00	180.00	
1. Current Liabilities	(S/2)	1,10,96,805.12	1,11,75,537.12		(b) Investments	(S/5C)	1,09,19,224.39	1,04,33,846.47	
					(c) Bank balances	(S/5A)	1,77,400.73	7,41,510.65	
Total Rs.		1,10,96,805.12	1,11,75,537.12	1,11,75,537.12			1,10,96,805.12	1,11,75,537.12	1,11,75,537.12
21. Balance sheet (Pension fund a/c) (2007-08)					2. Current assets				
1. Current Liabilities	(S/2)	83,36,613.58	1,11,04,573.58		(i) Loans & advances	(S/5B)	18,457.00	71,047.00	
					(ii) Investments	(S/5C)	76,31,489.46	76,31,489.46	
					(iii) Bank balances	(S/5A)	6,86,667.12	34,02,037.12	
Total Rs.		83,36,613.58	1,11,04,573.58	1,11,04,573.58	Total Rs.		83,36,613.58	1,11,04,573.58	1,11,04,573.58
Grand Total Rs.				40,18,09,699.94	Grand Total Rs.				40,18,09,699.94
Sd. (D.S. Negi) Office Superintendent	Sd. (S. Asif Mian) Accountant (I/A)	Sd. (Surinder Nath) Accounts Officer	Sd. (Athar Ali) Assistant Director (Admn.)	Sd. (Dr. Mohammed Khalid Siddiqui) Director					

CENTRAL COUNCIL FOR RESEARCH IN UNANI MEDICINE

Capital Fund (S/1) (H) (2007-08)

			Previous Year	Current Year
1.	Machinery & equipment cost above Rs.1000/-	(Plan)	1,89,14,724.00	1,75,15,272.00
2.	Machinery & equipment cost above Rs.1000/-	(Non-Plan)	7,35,117.00	5,62,649.00
3.	Machinery & equipment cost upto Rs.1000/-	(Plan)	5,22,795.00	4,18,755.00
4.	Machinery & equipment cost upto Rs.1000/-	(Non-Plan)	63,370.00	47,527.00
5.	Machinery & equipment cost upto Rs.1000/-	(Gifted)	270.00	162.00
6.	Machinery & equipment cost above Rs.1000/-	(Gifted)	28,471.00	21,353.00
7.	Book Journals	(Gifted)	7,719.75	7,719.75
8.	Land	(Gifted)	27,85,336.00	27,85,336.00
9.	Vehicles	(Plan)	21,26,180.00	19,10,608.00
10.	Vehicle	(Non-Plan)	292.00	234.00
11.	Furniture & Fixtures	(Plan)	1,70,31,078.00	2,04,76,076.00
12.	Furniture & Fixtures	(Non-Plan)	5,85,958.00	5,31,858.00
13.	Books & Journals	(Plan)	1,19,85,263.83	1,50,77,868.43
14.	Books & Journals	(Non-Plan)	6,86,694.28	6,86,694.28
15.	Building	(Plan)	4,76,32,740.00	8,59,27,896.00
16.	Council's publications (Priced)	(Plan)	90,64,449.82	1,00,30,177.82
17.	Computers	(Plan)	16,77,557.00	14,52,760.00
18.	Computer	(Non-Plan)	13,627.00	5,449.00
Total Rs.			11,38,61,642.68	15,74,58,395.28

Sd.
(D.S. Negi)
Office Superintendent

Sd.
(S. Asif Mian)
Accountant (I/A)

Sd.
(Surinder Nath)
Accounts Officer

Sd.
(Athar Ali)
Assistant Director (Admn.)

Sd.
(Dr. Mohammed Khalid Siddiqui)
Director

CENTRAL COUNCIL FOR RESEARCH IN UNANI MEDICINE

Current Liabilities S/2 (H) (2007-08)

		Previous Year	Current Year	
1.	Recovery of CPF/GPF subscription & Advance(s)	10,121.00	10,121.00	
2.	Recovery of Income Tax	43,247.00	6,357.00	
3.	Recovery of Professional Tax	843.00	843.00	
4.	Recovery of GIS	783.00	783.00	
5.	PM's Relief Fund	—	—	
6.	Security deposits	6,26,635.00	4,46,635.00	
7.	Balance amount lying with CRIUM, Lucknow at the time of merging of DSRU, LKO & CHGM – Lucknow	2,046.99	2,046.99	
8.	Amount paid short	48.00	48.00	
9.	Undisbursed amount	42,758.95	65,758.95	
10.	Excess recovery of Scooter advance	500.00	500.00	
11.	Bank interest to be remitted to RRIUM, Mumbai	260.00	260.00	
12.	Excess amount received from decentralized Institutes	6,002.50	6,002.50	
13.	Withheld/undisbused amount	12,622.25	12,622.25	
14.	Payable to CRIUM, Hyderabad	300.00	300.00	
15.	Excess receipt of by RRIUM, Chennai of TA/DA to be paid to RRIUM, Bhadrak	37.00	37.00	
16.	Recoveries received but schedules awaited	2,288.75	2,288.75	
17.	Audit fee payable	70,000.00	43,825.00	
18.	Bank balance with CRIUM, Lucknow in respect of DSRU & CHGM, Lucknow at the time of their merger with CRIUM, Luckonw	4,063.91	4,063.91	
19.	Excess amount to be refunded	13,100.00	13,100.00	
20.	Excess recovery from RRIUM, Aligarh	42.00	42.00	
21.	Excess recovery to TA advanced to fe refunded.	2,193.00	2,193.00	
22.	Misc. receipts to be transferred to pension fund a/c	1,25,890.00	1,05,925.00	
23.	Excess contingent advance recovery Sh. Ramzan Khan	135.00	135.00	
24.	Expenses Payable	69,549.00	53,909.00	
25.	Excess recovery of Cycle advance	2,188.50	2,188.50	
26.	Excess recovery of LTC advance	368.00	368.00	
27.	Payable to SOP a/c	81,883.00	—	
28.	Council's contribution for CPF, interest thereon & interest on CPF/GPF subscription for the year 2005-06 payable to CPF/GPF a/c	30,07,234.05	—	
29.	TDS (Contactor/supplier)	300.00	—	
30.	Amount Payable to (Plan) from (Non-Plan)	46,466.38	—	
31.	Amount recovered from employee (Details awaited) RRIUM, Kolkata)	16,469.00	16,469.00	
Total Rs.		41,88,375.28	7,96,821.85	
Sd. (D.S. Negi) Office Superintendent	Sd. (S. Asif Mian) Accountant (I/A)	Sd. (Surinder Nath) Accounts Officer	Sd. (Athar Ali) Assistant Director (Admn.)	Sd. (Dr. Mohammed Khalid Siddiqui) Director

CENTRAL COUNCIL FOR RESEARCH IN UNANI MEDICINE

Fixed Assets (H) (2007-08)

Schedule (S/3)

			Previous Year	Current Year
1.	Machinery & equipment cost above Rs.1000/-	(Plan)	1,89,14,724.00	1,75,15,272.00
2.	Machinery & equipment cost above Rs.1000/-	(Non-Plan)	7,35,117.00	5,62,649.00
3.	Machinery & equipment cost upto Rs.1000/-	(Plan)	5,22,795.00	4,18,755.00
4.	Machinery & equipment cost upto Rs.1000/-	(Non-Plan)	63,370.00	47,527.00
5.	Machinery & equipment cost upto Rs.1000/-	(Gifted)	270.00	162.00
6.	Machinery & equipment cost above Rs.1000/-	(Gifted)	28,471.00	21,353.00
7.	Books & Journals	(Gifted)	7,719.75	7,719.75
8.	Land	(Gifted)	27,85,336.00	27,85,336.00
9.	Vehicles	(Plan)	21,26,180.00	19,10,608.00
10.	Vehicle	(Non-Plan)	292.00	234.00
11.	Furniture & Fixtures	(Plan)	1,70,31,078.00	2,04,76,076.00
12.	Furniture & Fixtures	(Non-Plan)	5,85,958.00	5,31,858.00
13.	Books & Journals	(Plan)	1,19,85,263.83	1,50,77,868.43
14.	Books & Journals	(Non-Plan)	6,86,694.28	6,86,694.28
15.	Building	(Plan)	4,76,32,740.00	8,59,27,896.00
16.	Council's Publications (Priced)	(Plan)	90,64,449.82	1,00,30,177.82
17.	Computers	(Plan)	16,77,557.00	14,52,760.00
18.	Computers	(Non-Plan)	13,627.00	5,449.00
Total Rs.			11,38,61,642.68	15,74,58,395.28

Sd.
(D.S. Negi)
Office Superintendent

Sd.
(S. Asif Mian)
Accountant (I/A)

Sd.
(Surinder Nath)
Accounts Officer

Sd.
(Athar Ali)
Assistant Director (Admn.)

Sd.
(Dr. Mohammed Khalid Siddiqui)
Director

CENTRAL COUNCIL FOR RESEARCH IN UNANI MEDICINE

Excess of Income over Expenditure (H) (2007-08) (S/4)

	Previous Year	Current Year
(a) Excess of Income over Expenditure	6,23,90,062.12	5,76,39,650.80
(b) Unspent balance to be refunded/adjusted to/by the Govt.	17,019.49	42,835.61
(c) Unspent balance to be refunded/adjusted to/by the Govt.	1,71,327.11	1,94,669.99
Total Rs.	6,25,78,408.72	5,78,77,156.40

Current assets (H) S/5(A) Cash & Bank balance :-

(i) Non-Plan	17,019.49	42,835.61
(ii) Plan	1,71,327.11	1,94,669.99
Total Rs.	1,88,346.60	2,37,505.60

Sd.
(D.S. Negi)
Office Superintendent

Sd.
(S. Asif Mian)
Accountant (I/A)

Sd.
(Surinder Nath)
Accounts Officer

Sd.
(Athar Ali)
Assistant Director (Admn.)

Sd.
(Dr. Mohammed Khalid Siddiqui)
Director

CENTRAL COUNCIL FOR RESEARCH IN UNANI MEDICINE

Current Assets (S/5 (B) 2007-08

		Previous Year	Current Year	
1.	Excess remittance of recovery subscription to ISM & H Society to be received from GIS a/c as credited therein	5,833.00	5,833.00	
2.	Work in progress	4,59,78,064.00	3,17,90,264.00	
3.	Contingent advance	1,40,37,546.00	1,29,32,840.00	
4.	Exhibition advance	1,23,000.00	1,23,000.00	
5.	T.A advance	3,79,990.00	5,85,726.00	
6.	Health Mela advance	5,131.00	—	
7.	LTC advance	96,990.00	1,68,150.00	
8.	Advance for Seminar	11,74,312.00	4,14,306.00	
9.	Pay advance	69,013.00	89,547.00	
10.	Scooter advance	11,77,750.00	16,88,606.00	
11.	Fan advance	768.00	768.00	
12.	Car advance	2,78,320.00	13,39,220.00	
13.	Computer advance	6,97,800.00	19,75,600.00	
14.	House building advance	16,63,759.00	22,66,801.00	
15.	In transit amount	23,454.15	23,454.15	
16.	Security deposits	3,96,111.00	4,00,311.00	
17.	Receivable from CPF/GPF a/c	1,105.00	1,105.00	
18.	Expenses paid in advance	96,316.00	68,454.00	
19.	Receivable from LIC	1351.50	1,351.50	
20.	Excess TDS to be recovered/adjusted	3,229.00	3,229.00	
21.	Short receipts to be received	839.00	839.00	
22.	Immediate relief to the diseased family	16,000.00	24,000.00	
23.	Share amount receivable from CCRYN, N. Delhi	2,62,992.00	17,70,564.00	
24.	Bicycle advance	3,700.00	6,700.00	
25.	Excess payment to be received	600.00	795.00	
26.	Receivable from F.W. a/c	17,090.00	17,090.00	
27.	Medicinal advance	54,000.00	46,192.00	
28.	Amount receivable from GIS a/c	100.00	100.00	
29.	Amount receivable from (Non-Plan)	46,466.38	—	
30.	Amount receivable from WHO (a/c No.26084)	1,50,097.00	1,50,097.00	
31.	Amount receivable from WHO (a/c No. I/469))	78,500.00		
32.	Council's contribution for CPF interest thereon & interest on CPF/GPF subscription		4,00,000.00	
33.	Advance for purchase of vehicles		18,79,930.00	
34.	Funds released by Hqrs. N. Delhi but not received by decentralised Institute during the year		2,61,500.00	
35.	TDS from contractors		100.00	
Total Rs.		6,68,40,227.03	5,84,36,472.65	
Sd. (D.S. Negi) Office Superintendent	Sd. (S. Asif Mian) Accountant (I/A)	Sd. (Surinder Nath) Accounts Officer	Sd. (Athar Ali) Assistant Director (Admn.)	Sd. (Dr. Mohammed Khalid Siddiqui) Director

CENTRAL COUNCIL FOR RESEARCH IN UNANI MEDICINE

Schedule (B/S) 2007-2008

F.W. a/c				Schedules ROTP a/c			
S. No.	Schedule No.	Previous year	Current year	S. No.	Schedule No.	Previous year	Current year
S/1				S/2			
(i) Capital fund	(S/1)	65,415.71	53,111.71	1. Current liability		3,750.00	3,750.00
(ii) Current Liabilities	(S/2)	17,090.00	17,090.00				
(iii) Fixed assets	(S/3)	65,415.71	53,111.71				
(iv) Excess of Expenditure over Income	(S/4)	15,042.06	15,042.06	2. Excess of expenditure over Income	(S/4)	1,815.10	1,747.10
(b) Add: wrongly shown as advance instead of expense advance a/c		–	–	3. Current assets Bank Balance	(S/5 A)	1,932.90	2,000.90
(v) Current assets	(S/5 (B)			4. Current assets (Loan & advance)	(S/5(B)	2.00	2.00
Balance of Imprest advance receivable from the Units							
(a) Hyderabad							
(b) Mumbai		2,047.94	2,047.94				

CENTRAL COUNCIL FOR RESEARCH IN UNANI MEDICINE

Schedules (B/S) (2007-08)

Herb Garden a/c				Patent a/c			
S. No.	Schedule No.	Previous year	Current year	S. No.	Schedule No.	Previous year	Current year
(1) Excess of Income over Expenditure	(S/4)	10,60,757.00	10,78,621.00	1. Capital fund	(S/1)	10,493.00	10,493.00
(2) Fixed assets	(S/3)	5,40,836.00	4,86,752.00	2. Excess of Income over expenditure	(S/4)		
(3) Current assets	(S/5A)	8,60,757.00	8,78,621.00	3. Fixed assets	(S/3)	10,493.00	10,493.00
(4) Capital Fund a/c	(S/1)	5,40,836.00	4,86,752.00	4. Current assets	(S/(B)	–	–
(5) Current assets	(S/5B)	2,00,000.00	2,00,000.00	(loan & advances)			
Sd. (D.S. Negi) Office Superintendent	Sd. (S. Asif Mian) Accountant (I/A)	Sd. (Surinder Nath) Accounts Officer	Sd. (Athar Ali) Assistant Director (Admn.)	Sd. (Dr. Mohammed Khalid Siddiqui) Director			

CENTRAL COUNCIL FOR RESEARCH IN UNANI MEDICINE

Unani Pharmacopoeia a/c (Schedules B/S) (2007-08)				Schedules B/S (2007-08) Unani Pharmacopoeia			
S. No.	Schedule No.	Previous year	Current year	S. No.	Schedule No.	Previous year	Current year
(1) Current Liabilities				(4) Current assets	(S/5A)		
Opening balance	(S/2)	10,500.00	10,500.00	Bank Balance		3,45,041.35	3,56,107.35
(2) Excess of Income over Expenditure	(S/4)	3,54,541.35	3,65,607.35	(5) Current assets (Loan & advances)	(S/5B)	20,000.00	20,000.00
(3) Fixed assets				(6) Capital Fund	(S/1)	10,37,800.00	7,82,600.00
(i) Opening balance	(S/3)	9,84,866.00	7,38,650.00				
(ii) Vehicles	(S/3)	459.00	367.00				
(iii) Furniture & Fixtures	(S/3)	9,775.00	8,797.00				
(iv) Computer	(S/3)	13,190.00	5,276.00				
(v) Books	(S/3)	29,510.00	29,510.00				

CENTRAL COUNCIL FOR RESEARCH IN UNANI MEDICINE

Schedules (B/S) 2007-07 Seminar a/c				DSOP a/c Schedules (B/S) (2007-08)			
S. No.	Schedule No.	Previous year	Current year	S. No.	Schedule No.	Previous year	Current year
(1) (i) Excess of Income over Expenditure				1. Fixed assets	(S/3)		
Opening balance	(S/4)	2,939.00	3,044.00	(i) Machinery & equipment		49,684.00	37,263.00
(2) Current assets	(S/5A)			(ii) Furniture & fixture		30,297.00	45,599.00
Bank balance	(S/5A)	2,939.00	3,044.00	(iii) Books & Journals		7,245.00	8,383.00
				(iv) Computer		8,940.00	3,576.00
				2 Capital fund	(S/1)	96,166.00	94,821.00
Sd. (D.S. Negi) Office Superintendent				Sd. (Athar Ali) Assistant Director (Admn.)			
Sd. (S. Asif Mian) Accountant (I/A)		Sd. (Surinder Nath) Accounts Officer		Sd. (Dr. Mohammed Khalid Siddiqui) Director			

