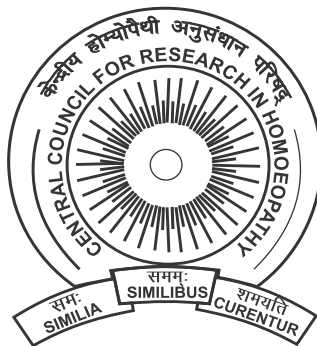


ANNUAL REPORT

2018 - 2019



CENTRAL COUNCIL FOR RESEARCH IN HOMOEOPATHY

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EXECUTIVE SUMMARY

Central Council for Research in Homoeopathy, an apex autonomous research organization under Ministry of AYUSH, Govt. of India conducts scientific research in the field of Homoeopathy through its centres spread all over India. Besides providing health care in the rural and urban areas, it is also actively engaged in collaborating with institutes of excellence both in India and abroad to formulate aims and patterns of research on scientific lines.

The activities of the Council are reported broadly as administrative and technical. The administrative part focusses on the organisational set up, core committees that regulate research activities of the Council in different spheres. The Council is supported by Ministry of AYUSH for strengthening its research capabilities by developing a remarkable infrastructure and creating an environment conducive for scientific research. The Council has its own buildings housing National Homoeopathy Research Institute (NHRIMH) at Kottayam, Dr DP Rastogi Central Research Institute (DDPRCRIH), NOIDA, Regional Research Institutes (RRI) at Agartala, Gudivada, Kolkata and Puri, Central Research Institute (CRI), Jaipur (erstwhile RRI upgraded to CRI). The building for RRI (H), Mumbai is under construction and land has been acquired for Siliguri, Lucknow, Imphal, Guwahati and Shimla. NHRIMH has started PG programmes in Practice of Medicine and Psychiatry. The Council is undertaking research activities through a network of 24 institutes/units; three extension centres and six OPDs.

The technical part of the report encompasses the scientific endeavours of the Council in the area of drug development, vigorous research strategy adopted to select thrust areas of research as per the national needs, undertaking studies to broaden the scientific basis of homoeopathy both as preventive medicine as well as a therapeutic option, its use for health promotion as a cost effective tool, establishment of close alliances with other systems of medicine and national and international collaborations. Special efforts have been made for Public Health Research in the area of dengue, AES, Childhood health and NPCDCS program. The Centre for Medicinal Plants Research in Homoeopathy (CMPRH) located at Emerald, Ooty is engaged in cultivating and supply of raw drugs to Drug Standardisation Units of the Council at NOIDA and Hyderabad besides Homoeopathic Pharmacopeia Laboratory for revision of drug monographs.

During the reporting period the Council has laid down standards for 19 drugs on Pharmacognostic and Physico-chemical parameters. The revision of 27 drugs of plant origin, 11 drugs of chemical origin and 2 drugs of animal origin in Homoeopathic Pharmacopeia of India was undertaken to bring it at par with International Pharmacopeias. Chromatographic parameters of 17 drugs have been added in HPTLC Atlas. Under Drug Proving Programme, five coded drugs were given at 8 centres involving 256 provers. In the area of Clinical Verification, we have tried to focus our energy on stretching our mandate of verification of symptoms produced in drug proving by including scales like MYMOP2 (Measure Yourself Medical Outcome Profile) and ORIDL (Outcome in Relation to Impact on Daily Living), Homoeopathic Questionnaire for assessing the important changes caused by illness and Modified Naranjo Criteria to assess patient and remedy reactions. The Clinical verification of 16 drugs was continued at 13 centres. In the area of Clinical Research, 16 studies continued from previous years while two multicentric studies were initiated and two studies on Acute Otitis Media & Breast Fibroadenoma concluded. For the furtherance of scientific endeavours the Council initiated a preclinical study on Malaria with homoeopathic formulation of nano-curcumin in collaboration with NCCS, Pune. Ten studies from previous years continued while four studies were concluded.

Collaboration with other countries in the areas of research and education is of critical importance. We have tried to forge alliance with institutes of international and national repute. Consequent upon signing of MoU with Shaare Zedek Medical Centre, Israel, the protocol of the first identified project 'Comparison of conventional & homoeopathic paradigms in treating children aged 0-18 months; A pragmatic randomised clinical trial' was finalised. The scientists from the Council were

deputed to UK, Russia and Canada to present and showcase the activities of the Council at various international fora. At the National level, as an initiative of Linking Research with Education, MoU was signed with five more Homoeopathic Colleges to strengthen these areas, bringing the total number of collaborations with colleges to 28.

Homoeopathy for Healthy Child, an aspiring public health initiative started in February 2015 on pilot basis was implemented through 7 institutes/units of CCRH in 10 blocks of 05 states. During the period April 18 to March 19, 6043 children have been enrolled and are being provided health care through homeopathic medicines.

Sanitation and Hygiene are critical to health, survival and development. The Council has taken up Swasthya Rakshan Programme and linked it with Swachh Bharat Abhiyan and Poshan Abhiyaan (National Nutrition Mission) which is India's flagship programme to improve nutritional outcomes for children, pregnant women and lactating mothers. While Swasthya Rakshan Programme has benefitted 101006 patients through 2128 Swasthya Rakshan Camps organised in 55 identified villages/colonies, Poshan Abhiyan has benefitted 11055 patients in the OPD and specialty clinics, schools, villages during health camps.

Integration of AYUSH (Homeopathy along with Yoga) in the National Programme for Prevention and Control of Cancer, Diabetes, Cardiovascular Diseases & Stroke (NPCDCS) was implemented on pilot basis in Sept. 2015 at Krishna district (AP) and February 2016 in Darjeeling district (WB). This programme is functional at 22 identified Life Style Disorder Clinics. A total of 152764 patients have been benefitted from this integrative arrangement.

On the international front, CCRH successfully organized a scientific convention on World Homoeopathy Day to commemorate 263rd Birth Anniversary of Dr. Samuel Hahnemann, the founder of Homoeopathy. The theme of the convention was 'Innovate, Evolve, Progress: Exploring science for 40 years. A three day World Integrated Medicine Forum was also organized by CCRH on 'Advancing Global Collaborations' to bring homoeopathic industry and regulatory sector on a common platform.

The Council brings out quality periodical and non periodical publications for disseminating the outcomes of research to academicians, researchers and common man. In the reporting year, Council has published 04 issues of Indian Journal of Research in Homoeopathy and 04 volumes of CCRH Newsletter in addition to Standard Treatment Guidelines, Study of Homoeopathic Medicines through Clinical Verification Vol 4 and two drug monographs apart from 4th Edition of Dossier on Homoeopathy: Science of Gentle Healing. The Council also produced 4 Audio Video spots, 2 Radio Jingles and a Documentary film in its effort to popularise Homoeopathy among the public.

The Council's Professional outreach and promotional activities are also reported inside. The number of patients in the OPD of the Council reached 1039257 comprising of 58.86% women. Under the Short Term Studentship in Homoeopathy (STSH) programme, 456 students registered themselves, 269 have submitted their proposals and 108 candidates have been shortlisted for the scholarship.

The Separate Audit Report is appended along with Annual Accounts. During the last financial year, we have tried to achieve most of our performance targets. All these achievements are only possible through hard work of our scientists, other support staff, and particularly strong support of Ministry of AYUSH.



Dr. Raj K. Manchanda

ABBREVIATIONS

ADL	Acute adenolymphangitis
AES	Acute Encephalitis Syndrome
A-HIMS	AYUSH - Hospital Management Information System
AIIMS	All India Institute of Medical Sciences
AIDS	Acquired Immuno Deficiency Syndrome
ANM	Auxiliary Nursing Midwifery
AOM	Acute Otitis Media
ASHA	Accredited Social Health Activist
AYUSH	Ayurveda, Yoga, Unani, Siddha & Homoeopathy
BCOM	Both Constitutional and Organopathic Medicines
BPHC	Blocked Primary Health Centre
CAC	Community Awareness Camps
CCRH	Central Council for Research in Homoeopathy
CCRUM	Central Council for Research in Unani Medicine
CCRYN	Central Council for Research in Yoga & Naturopathy
CDRI	Central Drug Research Institute
CGI-SCH	Clinical Global Impression-Schizophrenia
CHC	Community Health Centre
CHNC	Community Health Nutritional Center
CIP	Central Institute of Psychiatry
CME	Continuing Medical Education
CMPRH	Centre for Medicinal Plants Research in Homoeopathy
COLL	Collaborative studies
CR	Clinical Research
CRI (H)	Central Research Institute for Homoeopathy
CRU (H)	Clinical Research Unit for Homoeopathy
CSIR	Council of Scientific and Industrial Research
CV	Clinical Verification
CVU	Clinical Verification Unit
DACRRI	Dr. Anjali Chatterjee Regional Research Institute for Homoeopathy
DGDGHS	Director General, Directorate General of Health Services
DOC	Documentation & Publication
DP	Drug Proving
DPU	Drug Proving Unit
DPRU	Drug Proving Research Unit
DS	Drug Standardization
DSU	Drug Standardization Unit
EC	Extension Centers
EMEA	European Medicines Evaluation Agency
EMR	Extra Mural Research
ESRS	Extra-pyramidal Symptoms Rating Scale
FR	Fundamental Research
GAF	Global Assessment of Functioning
H+ IMP	Homoeopathy + Institutional Management Protocol
HDRI	Homoeopathic Drug Research Institute
HIV	Human Immuno deficiency Virus

HOPD	Homoeopathic Out Patient Department
HPL	Homoeopathic Pharmacopoeia of Laboratory
HPT	Homoeopathic Pathogenetic Trial
HPTLC	High Performance Thin Layer Chromatography
HRID	Homeopathic Research Institute for Disabilities
HTC	Homoeopathic Treatment Centre
IA	Internal Audit
ICMR	Indian Council for Medical Research
IDRS	Indian Diabetic Risk Score
IEC	Information Education & Communication
IHBAS	Institute of Human Behaviour & Allied Sciences
IMP	Institutional Management Protocol
ISM&H	Indian Systems of Medicine and Homoeopathy
JIPMER	Jawaharlal Institute of Postgraduate Medical Education and Research
LSM	Life style modification
MCH	Mother & Child Health
MDNIY	Morarji Desai National Institute of Yoga
MH&FW	Ministry of Health & Family Welfare
MMRDA	Mumbai Metropolitan Region Development Authority
NACO	National AIDS Control Organisation
NCD	Non Communicable Diseases
NE	North East
NEGERD	Non Erosive Gastro Esophageal Reflux Disease
NIV	National Institute of Virology
NHMC	Nehru Homoeopathic Medical College
NPCDCS	National Programme for prevention in control of Cancer, Diabetes, Cardiovascular diseases and Stroke
NSIC	National Small Industries Corporation
OPD	Out Patient Department
PANSS	Positive and Negative Syndrome Scale (schizophrenia)
PEC	Project Evaluation Committee
RAV	Rashtriya Ayurveda Vidyapeeth
RO (H)	Research Officer (Homoeopathy)
RO (P)	Research Officer (Pharmacognosy)
RRI (H)	Regional Research Institute for Homoeopathy
SAC	Scientific Advisory Committee
SADQ	Severity of Alcohol Dependence Questionnaire
SCH	Sub Clinical Hypothyroidism
SCCMP	Survey, Collection and Cultivation of Medicinal Plants
SMPCU	Survey of Medicinal Plants & Collection Unit
SMPRGH	Survey of Medicinal Plants Research Garden & Herbarium
STSH	Short Term Studentship in Homoeopathy
SUBI	Subjective Well-Being Inventory
TME	Terminal Medical Examination
TLC	Therapeutic Lifestyle Changes
WHO	World Health Organisation
WHOQOL	World Health Organization Quality of Life



***OBJECTIVES, VISION
AND MISSION***

OBJECTIVES, VISION AND MISSION

OBJECTIVES

The Central Council for Research in Homoeopathy (CCRH) was established on 30th March, 1978 under the Societies Registration Act XXI of 1860 with the following main objectives:-

- To undertake research programs in Homoeopathy on scientific lines
- To propagate knowledge and disseminate information pertaining to research in Homoeopathy
- To undertake experimental studies in connection with causation, mode of spread, prevention and treatment of diseases
- To initiate, aid, develop and co-ordinate scientific research in different aspects of Homoeopathy: fundamental and applied
- To exchange information with other institutions, associations and societies interested in the objectives similar to those of CCRH

VISION

To promote research that contributes towards the development of Homoeopathic System of Medicine globally.

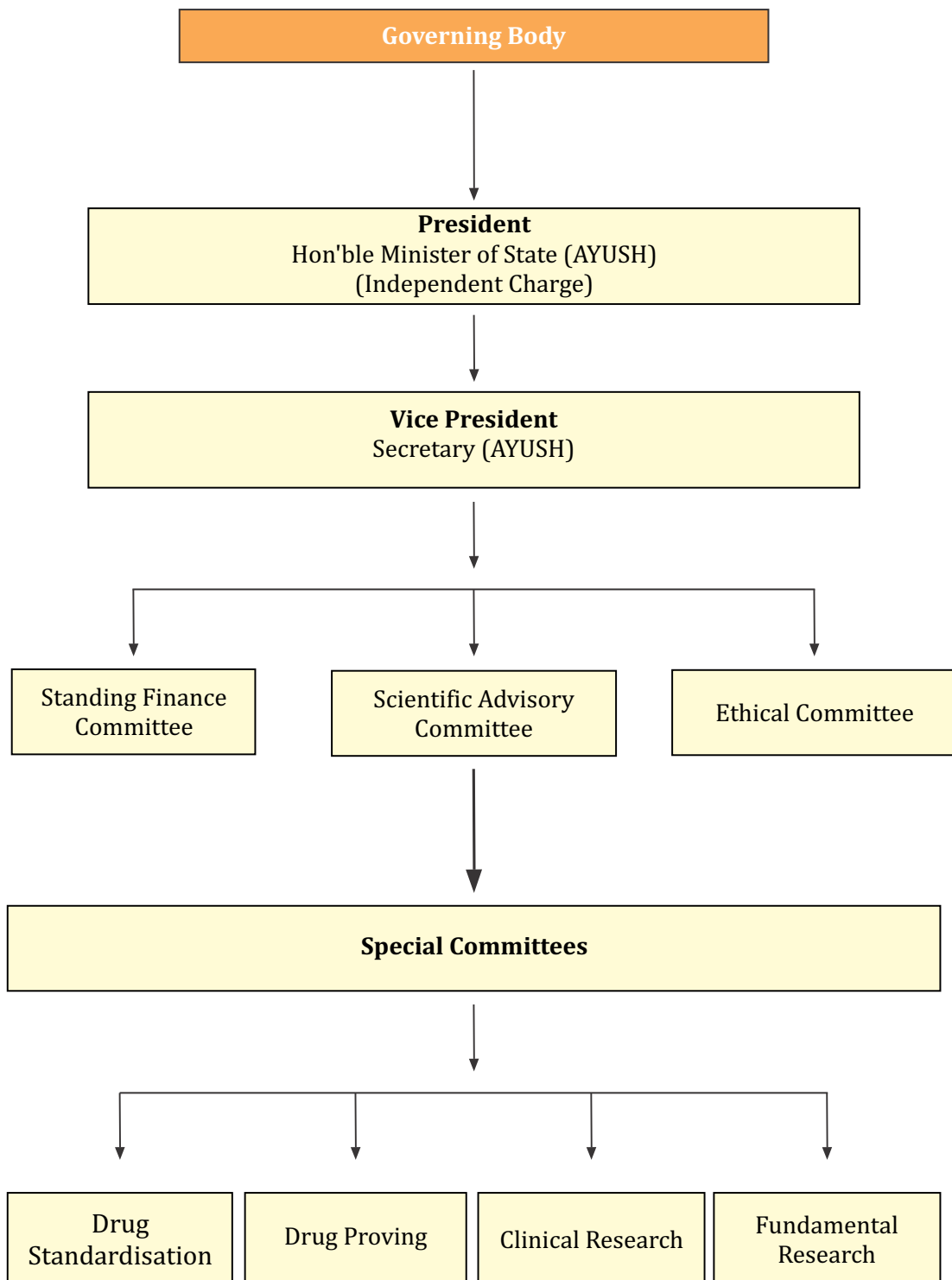
MISSION

Conducting scientific and ethical research thereby enhancing success rate of clinical practice, promotion of safe, efficient and effective treatment in health care delivery and ensuring global acceptance of Homoeopathy.

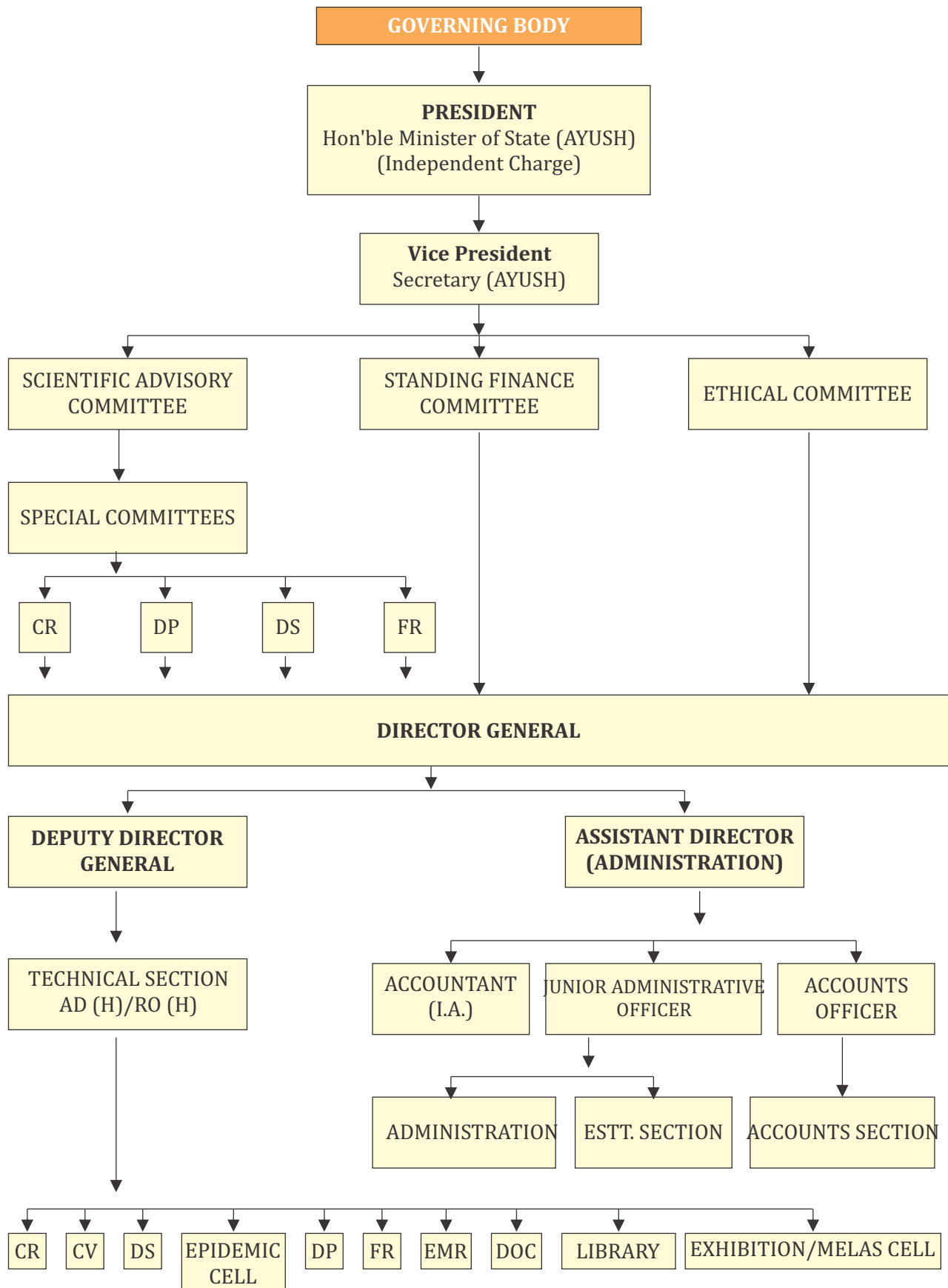


ADMINISTRATIVE REPORT

MANAGEMENT OF THE COUNCIL



ORGANIZATION SETUP



GOVERNING BODY

The management of the affairs of the Council is entrusted to a regulatory body which is entitled, the 'Governing Body' of the Central Council for Research in Homoeopathy. Members are as follows:

Member of the Governing Body Re-constituted on w.e.f. 26.03.2018

1. **President:** Minister of AYUSH (Independent Charge), Ministry of AYUSH
2. **Vice-President:** Secretary, Ministry of AYUSH

Official Members:

3. Additional Secretary (Financial Adviser), Ministry of Health & Family Welfare.
Nirman Bhavan, New Delhi
4. Joint Secretary, Ministry of AYUSH.

Non Official Members of Governing Body of CCRH

1. **Padamshree Dr. V.K. Gupta**
C-3/29, Rajouri Garden,
New Delhi-110027
2. **Prof. (Dr.) Chaturbhujaya Nayak**
House No. 55B, C-4D Block,
Janakpuri, New Delhi - 110058
3. **Dr. Rathin Chakravarty**
5-Subal Koley Lane, P.S. Shibpur, Howrah
(West Bengal) 711101
4. **Dr. Nandini Sharma**
E-14, Geetanjali Enclave,
New Delhi-110017
5. **Dr. Eswara Das**
A2/23, Hahnemann Enclave,
Plot No. 40, Sector-6, Dwarka, New Delhi
6. **Dr. A.K. Bhatnagar**
Head of Deptt.
Deptt. of Botany,
Delhi University, Delhi.
7. **Dr. Surender Singh**
All India Institute of Medical Science,
Ansari Nagar, New Delhi-110029
8. **Prof. (Dr.) Kanjaksha Ghosh**
C-403/404, Valentine Apartments,
A2 Block, Film City Road Junction,
Malad (E), Mumbai-400097

New Members of Governing Body of CCRH w.e.f. 31.01.2019

1. **President:** Minister of AYUSH (Independent Charge), Ministry of AYUSH
2. **Vice President:** Secretary, Ministry of AYUSH.

Members:

1. Additional Secretary (Financial Adviser), Ministry of Health & Family Welfare.
2. Joint Secretary, Ministry of AYUSH.

Non-official members:

- | | |
|---|-------------------------|
| 1. Padamshree Dr. V. K. Gupta
C-3/29, Rajouri Garden,
New Delhi-110027 | Member |
| 2. Prof. (Dr.) Chaturbhuj Nayak
H.No. 55B, C-4D,
Janakpuri, New Delhi-110058 | Member |
| 3. Dr. Rathin Chakravarty
5-Subal Koley Lane, P.S. Shibpur,
Howrah, West Bengal-711101 | Member |
| 4. Dr. Nandini Sharma
E-14, Geetanjali Enclave,
New Delhi-110017 | Member |
| 5. Dr. Eswara Das
A-2/23, Hahnemann Enclave,
Plot No. 40, Sector 6, Dwarka,
New Delhi | Member |
| 6. Dr. A.K. Bhatnagar
Head of Deptt. Deptt. of Botany,
Delhi University, Delhi | Member |
| 7. Dr. Surender Singh
All India Institute of Medical Science,
Ansari Nagar, New Delhi-110029 | Member |
| 8. Prof. (Dr.) Kanjaksha Ghosh
C-403/404, Valentine Apartments,
A2 Block, Film City Road Junction,
Malad (E), Mumbai-400097 | Member |
| 9. Director
National Institute of Homoeopathy,
Kolkata | Member |
| 10. Director General
Central Council for Research in Homoeopathy | Member Secretary |

SCIENTIFIC ADVISORY COMMITTEE

Members of the Scientific Advisory Committee constituted w.e.f. 26.03.2018

1. **Dr. V. K. Gupta** **Chairman**
Former Principal, NHMC and Hospital, Delhi
C-3/29, Rajouri Garden,
New Delhi-110027
2. **Dr. Eswara Das** **Member**
Former Director National Institute of Homoeopathy, Kolkata
& Deputy Advisor, Ministry of AYUSH,
A2/23, Hahnemann Enclave, Plot No. 40,
Sector 6, Dwarka, New Delhi-110075
3. **Prof. L. K. Nanda** **Member**
Former Principal cum Superintendent of
Dr. A.C. Homoeopathic Medical
College & Hospital, Bhubaneswar
Plot No. 409-B, Paika Nagar, Delta Square,
Post Baramunda, Bhubaneshwar-751003
4. **Dr. K. M. Dhawale** **Member**
Dr. M.L. Dhawle Memorial Trust's BMC's Mother and Child
Care Centre, 3rd Floor, Harishankar Joshi Marg,
Dahisar East, Mumbai-400068
5. **Dr. V. K. Chauhan** **Member**
Former Principal,
Dr. B.R. Sur Homoeopathic Medical College,
Hospital and Research Centre,
B6/8, Safdarjung Enclave
New Delhi-110029
6. **Dr. Rathin Chakravarty** **Member**
Homoeopathic Consultant,
5, Subal Koley Lane,
P.S. Shibpur, Howrah-711 101
West Bengal
7. **Prof. (Dr.) Kanjaksha Ghosh** **Member**
C-403/404, Valentine Apartments,
A2 Block, Film City Road Junction,
Malad (E), Mumbai-400097
8. **Dr. Juhi Gupta** **Member**
Assistant Prof. Govt. Homoeopathic Medical College and
Hospital, MACT HILLS, AYUSH Campus, Beside Kaliasot Dam,
Chuna Bhatti, Bhopal - 462003

- 9. Dr. Ashvini Kumar Dwivedi** **Member**
Professor & HOD (Physiology & Biochemistry) SKRP, Gujarati
Homoeopathic Medical College, Hospital & Research Centre,
Sch. No. 54, A.B. Road, Indore (M.P.)-452010
- 10. Dr. Raj K. Manchanda** **Member Secretary**
Director General
Central Council for Research in Homoeopathy,
61-65, Institutional Area, D-Block,
Janakpuri, New Delhi-110058

Newly constituted Scientific Advisory Board of CCRH w.e.f. 31.01.2019

- 1. Dr. V.K. Gupta** **Chairman**
Former Principal,
Nehru Homoeopathic Medical College & Hospital,
C-3/29, Rajouri Garden,
New Delhi-110027
- 2. Dr. N. Radha** **Member**
Former Advisor (Homeopathy)
Ministry of AYUSH, Govt. of India
Souparnika, KRWA 47, Kattachal Road, Thirumala,
Thiruvananthapuram, Kerala-675006
- 3. Dr. M.P. Arya** **Member**
Homoeopathic Consultant
Oberoi House, 1st Floor, Nal Stop, Karve Road,
Pune (Maharashtra)- 411004
- 4. Advisor (Homoeopathy)** **Member**
Ministry of AYUSH, Govt. of India, B-Block,
GPO Complex, INA, New Delhi-110023
- 5. Dr. K.M. Dhawale** **Member**
Dr. M.L. Dhawle Memorial Trust's
BMC's Mother and Child Care Centre, 801, Horizon Apartment,
285, Fifth road, Chembur, Mumbai 400071
- 6. Dr. Alok Pareek** **Member**
Consultant Homoeopath
4/11, Bagh Farzana, Civil Lines, Agra, Uttar Pradesh -282002
- 7. Dr. Rathin Chakravarty** **Member**
Consultant Homoeopath
5-Subal Koley Lane, P.S. Shibpur, Howrah – 711 101

- | | |
|---|-------------------------|
| 8. Dr. Nandini Sharma
E-14, Gitanjali Enclave-Malviya Nagar,
Delhi – 110017 | Member |
| 9. Dr. Ashvini Kumar Dwivedi
Professor & HOD (Physiology & Biochemistry)
22A, Sector-B, Bakhtawar Ram Nagar,
In front of Tilak Nagar Post Office, Indore-452018 | Member |
| 10. Prof (Dr.) Kanjaksha Ghosh
C-403/404, Valentine Apartments,
A2 Block, Film City Road Junction,
Malad (E), Mumbai-400097 | Member |
| 11. Director General
CCRH,
61-65, Institutional Area, D-Block,
Janakpuri, New Delhi-110058 | Member Secretary |

STANDING FINANCE COMMITTEE

The Council has a Finance Committee with the following members:

Members of the Standing Finance Committee constituted w.e.f. 26.03.2018

- | | |
|--|--------------------------------|
| <p>1. The Joint Secretary
Ministry of AYUSH, AYUSH Bhavan,
B-Block, GPO Complex, I.N.A, New Delhi - 110023</p> | <p>Chairman</p> |
| <p>2 Additional Secretary-cum-FA
MH&FW, Nirman Bhavan
New Delhi or his nominee not below the
rank of Deputy Secretary</p> | <p>Member</p> |
| <p>3 Dr. Eswara Das
Souparnika, KRWA 47,
Kattachal Road,
Thirumala PO,
Trivandrum 695006.</p> | <p>Member</p> |
| <p>4 Dr. Nandini Sharma
E-14, Geetanjali Enclave
New Delhi- 110017</p> | <p>Member</p> |
| <p>5 Director General, CCRH
CCRH, 61-65, Institutional Area,
D-Block, Janakpuri, New Delhi-110058</p> | <p>Member Secretary</p> |
| <p>6 Sh. Yashveer Singh
Under Secretary,
Ministry of AYUSH, INA, New Delhi</p> | <p>Special Invitee</p> |

Newly constituted Standing Finance Committee of CCRH w.e.f. 31.01.2019

- | | |
|---|--------------------------------|
| <p>1. The Joint Secretary
Ministry of AYUSH, AYUSH Bhavan,
B-Block, GPO Complex, I.N.A, New Delhi - 110023</p> | <p>Chairman</p> |
| <p>2. Additional Secretary-cum-FA
MH&FW, Nirman Bhavan New Delhi or
his nominee not below the rank of Deputy Secretary</p> | <p>Member</p> |
| <p>3. Dr. Eswara Das
Souparnika, KRWA 47, Kattachal Road,
Thirumala PO, Trivandrum - 695006</p> | <p>Member</p> |
| <p>4. Dr. Nandini Sharma
E-14, Geetanjali Enclave, New Delhi- 110017</p> | <p>Member</p> |
| <p>5. Director General
CCRH, 61-65, Institutional Area,
D-Block, Janakpuri, New Delhi-110058</p> | <p>Member Secretary</p> |

ETHICAL COMMITTEE

Members of the Ethical Committee constituted w.e.f. 26.03.2018

- | | |
|---|------------------------|
| <p>1. Prof. (Dr.) Kanjaksha Ghosh
 Director
 C-403/404, Valentine Apartments,
 A2 Block, Film City Road Junction,
 Malad (E), Mumbai-400097</p> | <p>Chairman</p> |
| <p>2. Dr. Rajesh Sagar
 Additional Professor,
 Deptt. of Psychiatry,
 All India Institute of Medical Sciences (AIIMS),
 Ansari Nagar,
 New Delhi-110029</p> | <p>Member</p> |
| <p>3. Dr. Surender Singh
 Assistant Prof.,
 Deptt. of Pharmacology,
 All India Institute of Medical Sciences (AIIMS),
 Ansari Nagar, New Delhi-110029</p> | <p>Member</p> |
| <p>4. Dr. Tulika Seth
 Additional Professor,
 Department of Hematology,
 AIIMS, Ansari Nagar, New Delhi-110029</p> | <p>Member</p> |
| <p>5. Dr. V.K. Chauhan
 Former Principal,
 Dr B.R. Sur Homoeopathic Medical College,
 Hospital and Research Centre,
 B6/8, Safdarjung Enclave
 New Delhi-110029</p> | <p>Member</p> |
| <p>6. Dr. Purnima Shukla
 CMO, Purte Priya Memorial
 Sri Ram Medical & Homoeo Research Centre,
 26-Nkasia Road, Near Cant Thana Crossing
 Gorakhpur-273001</p> | <p>Member</p> |
| <p>7. Dr. Tapasaya Srivastava
 Assistant Professor, Department of Genetics
 Room No. 257, Biotechnology centre,
 University of Delhi, South Campus
 Benito Jaurez Road, New Delhi - 110021</p> | <p>Member</p> |

- | | |
|---|-------------------------|
| 8. Sh. Shailendra Babbar
Advocate, I-8, Jangpura Extension
New Delhi-110014 | Member |
| 9. Mr. Kuldeep Jain
B. Jain Publisher (P) Ltd.,
1921, Street No. 10, Chuna Mandi, Paharganj
New Delhi-110055 | Member |
| 10. Mr. Anuj Arora
D-56, Sector-55, Noida-201301 | Member |
| 11. Dr. Raj. K. Manchanda
Director General,
Central Council for Research in Homoeopathy,
61-65, Institutional Area, D-Block, Janakpuri,
New Delhi-110058 | Member Secretary |

Newly constituted Ethical Committee of CCRH w.e.f. 31.01.2019

- | | |
|--|-----------------|
| 1. Prof. (Dr.) Kanjaksha Ghosh
Director
C-403/404, Valentine Apartments,
A2 Block, Film City Road Junction,
Malad (E), Mumbai-400097 | Chairman |
| 2. Dr. Rajesh Sagar
Additional Professor,
Deptt. of Psychiatry,
All India Institute of Medical Sciences (AIIMS),
Ansari Nagar, New Delhi-110029 | Member |
| 3. Dr. Surender Singh
Assistant Prof.,
Deptt. of Pharmacology,
All India Institute of Medical Sciences (AIIMS),
Ansari Nagar, New Delhi-110029 | Member |
| 4. Dr. Tulika Seth
Additional Professor,
Department of Hematology,
AIIMS, Ansari Nagar, New Delhi-110029 | Member |
| 5. Dr. V. K. Chauhan
Former Principal,
Dr B.R. Sur Homoeopathic Medical College,
Hospital and Research Centre,
B6/8, Safdarjung Enclave
New Delhi-110029 | |

- 6. Dr. Purnima Shukla** **Member**
CMO, Purte Priya Memorial
Sri Ram Medical & Homoeo Research Centre,
26-N, Kasia Road, Near Cant Thana Crossing
Gorakhpur-273001
- 7. Dr. Tapasaya Srivastava** **Member**
Assistant Professor, Department of Genetics
Room No. 257, Biotechnology centre,
University of Delhi, South Campus
Benito Jaurez Road, New Delhi - 110021
- 8. Sh. Shailendra Babbar** **Member**
Advocate, I-8, Jangpura Extension
New Delhi-110014
- 9. Mr. Kuldeep Jain** **Member**
B. Jain Publisher (P) Ltd.,
1921, Street No. 10, Chuna Mandi, Paharganj
New Delhi-110055
- 10. Mr. Anuj Arora** **Member**
D-56, Sector-55, Noida-201301
- 11. Dr. Raj. K. Manchanda** **Member Secretary**
Director General,
Central Council for Research in Homoeopathy,
61-65, Institutional Area, D-Block, Janakpuri,
New Delhi-110058

SPECIAL COMMITTEE FOR CLINICAL RESEARCH

Members of the Special Committee for Clinical Reseach constituted w.e.f. 26.03.2018

- | | | |
|-----------|---|-------------------------|
| 1. | <p>Dr. K.M. Dhawale
Principal and HOD,
Department of Psychiatry,
Dr. M.L. Dhawle Memorial Trust's
BMC's Mother & Child Care Centre, 3rd Floor,
Harishankar Joshi Marg, Dahisar East,
Mumbai-400068 (Maharashtra)</p> | Chairman |
| 2. | <p>Dr. V.K. Gupta
Former Principal,
Nehru Homoeopathic Medical College & Hospital
C-3/29, Rajouri Garden,
New Delhi-110027</p> | Member |
| 3. | <p>Prof. (Dr.) C. Nayak
Former Director General CCRH
House No. 55B, C-4D Block, Janakpuri
New Delhi-110058</p> | Member |
| 4. | <p>Dr. Ravi M. Nair
Former Advisor (H) to Govt. of India
HRSA-E-25, Aramam, Kaldy
Karamana, Thiruvananthapuram-695002, Kerala</p> | Member |
| 5. | <p>Prof. (Dr.) Somen Adhikari
Former Director In-charge at NIH Kolkata
10/13, Atal Bihari Sarkar Road, Post-Naihati
Kolkata-743165</p> | Member |
| 6. | <p>Dr. M. Nara Singh
Former Project Officer RR(H), Imphal
Tentha Village, P.O. Wangjing Bazar
Thoubal District, Manipur-795001</p> | Member |
| 7. | <p>Dr. N. Srinivasa Rao
Managing Director
Ramakrishna Homoeo Stores Pvt. Ltd.,
4-1-434, Bank Street, Hyderabad-500001</p> | Member |
| 8. | <p>Dr. Raj K. Manchanda
Director General,
Central Council for Research in Homoeopathy,
61-65, Institutional Area, D-Block, Janakpuri, New Delhi-110058</p> | Member Secretary |

Newly constituted Special Committee for Clinical Research of CCRH w.e.f. 31.01.2019

- | | |
|---|--------------------------------|
| <p>1. Dr. L.K. Nanda
Former Principal at
Dr. A.C. Homoeopathic Medical College and Hospital,
Plot no. 409-B, Paika Nagar, Delta Square,
Post Baramunda, Bhubaneswar-751003</p> | <p>Chairman</p> |
| <p>2. Dr. Kalyan Banerjee
Homoeopathic Physician
1691, Block 1, Chittaranjan Park,
New Delhi - 110019</p> | <p>Member</p> |
| <p>3. Advisor (Homoeopathy)
Ministry of AYUSH, Govt. of India, B-Block,
GPO Complex, INA, New Delhi-110023</p> | <p>Member</p> |
| <p>4. Director In-charge
National Institute of Homoeopathy
Block - GE, Sector - III, Salt Lake, Kolkata - 700 106, West Bengal</p> | |
| <p>5. Dr. Arvind Kothe
Director
JIMS Homoeopathic Medical College & Hospital
Sriramnagar, Muchintala Village, Palamakula,
Shamshabad Mandal, Ranga Reddy District, Telangana State- 509325</p> | <p>Member</p> |
| <p>6. Dr. Naval Kumar Verma
Homoeopath
Hon Advisor to MOS (I/C) AYUSH, Ministry of AYUSH
J,13/34 Patel Market, Landmark: Near IDBI Bank,
Rajouri Garden, Delhi-110027</p> | <p>Member</p> |
| <p>7. Dr. Sangeeta Duggal
Joint Director AYUSH,
CGHS HQ, Sector 12, R.K. Puram, New Delhi-110022</p> | <p>Member</p> |
| <p>8. Prof. (Dr.) Niranjan Mohanty
Former: Principal -cum- Superintendent,
Dr. ACHMC&H, Bhubaneswar, Odisha
Plot No.92, Dharma Vihar, (Behind Khandagiri Square police Station),
Bhubaneswar - 751030 (Orissa)</p> | <p>Member</p> |
| <p>9. Director General
CCRH, 61-65, Institutional Area,
D-Block, Janakpuri, New Delhi-110058</p> | <p>Member Secretary</p> |

SPECIAL COMMITTEE FOR DRUG STANDARDIZATION

Members of the Special Committee for Drug Standardization constituted w.e.f. 26.03.2018

- | | |
|--|------------------------|
| <p>1. Dr. P.N. Varma
 Technical Advisor,
 Dr William Schwabe India Pvt. Ltd. (WSI),
 A-36, Sector-60, Phase-III,
 Noida-201304, Uttar Pradesh</p> | <p>Chairman</p> |
| <p>2. Dr. S.P. Singh
 SRB 68/C, Shipra Rivira,
 Sucheta Kriplani Marg,
 Indrapura, NCR,
 Dist. Ghaziabad</p> | <p>Member</p> |
| <p>3. Dr. D.R. Lohar
 A-501, Vrajdharm-2,
 Near Janta Nagar Railway Crossing
 Chanakyapuri, Ghatlodia
 Ahmedabad-380061, Gujarat</p> | <p>Member</p> |
| <p>4. Dr. Karuna Shankar
 Central Institute of Medicinal and Aromatic Plants
 P.O. CIMAP, Near Kukrail
 Picnic Spot, Lucknow-226015</p> | <p>Member</p> |
| <p>5. Dr. Rajeev Kr. Sharma
 Director
 PCIM & H, PLIM Campus
 Kamla Nehru Nagar
 Kavinagar Post
 Ghaziabad-201002 (U.P.)</p> | <p>Member</p> |
| <p>6. Dr. Rakesh Shukla
 Senior Scientist
 Central Drug Research Institute
 Sector-10, Janakipuram Extension
 Sitapur Road, Lucknow-226031</p> | <p>Member</p> |
| <p>7. Dr. Shailendra K. Saxena
 Senior Scientist & Leader (Infectious Diseases)
 CSIR-Centre for Cellular and Molecular Biology (CCMB)
 W110, Uppal Road, Hyderabad-500007 (TS)</p> | <p>Member</p> |
| <p>8. Dr. Shivang Swami Narayan
 402, Surya Mandir, Near Sambhav Press
 Bodakdev, Ahmedabad-380015</p> | <p>Member</p> |

- 9. Dr. Rajesh Shah** **Member**
41, Krushal Commercial Complex
Amare Mehal, Chembur
Mumbai-400089
- 10. Dr. C.D. Tripathy** **Member**
HOD, Deptt. of Pharmacology
Vardhman Mahavir Medical College
Safdarjung Hospital, New Delhi-110029
- 11. Dr. Raj K. Manchanda** **Member Secretary**
Director General,
Central Council for Research in Homoeopathy,
61-65, Institutional Area, D-Block, Janakpuri,
New Delhi-110058

Newly constituted Special Committee for Drug Standardization of CCRH w.e.f. 31.01.2019

- 1. Dr. S. P. Singh** **Chairman**
Former Director CCRH & Advisor (Hom.),
Govt. of India, Ministry of AYUSH,
68/C, Shipra Rivira, Sucheta Kriplani Marg,
Indrapuram, NCR, Dist. Ghaziabad- 201001
- 2. Dr. P.V. Venkataraman**
Visiting Professor,
Hahnemann Homoeopathy Medical College,
No.33, 1st Main Road, Lake Area, Nungambakkam.
Near Valluvar Kottam., Chennai-600034
- 3. Dr. D. S. Bhar** **Member**
Managing Director,
Hahnemann Publishing Company Pvt. Ltd., Kolkata
165, Bipin Behary Ganguly Street, Kolkata-700012
- 4. Dr. Rajesh Shah** **Member**
Director, Life Force Homeopathy
411 Krushal Commercial Complex,
GM Rd, Chembur, Mumbai-400089
- 5. Dr. Govind Singh** **Member**
Assistant Professor (Pharm.)
Department of Pharmaceutical Sciences, M.D.U,
Rohtak-124001
- 6. Dr. Suman Lakhnupal** **Member**
Professor, Delhi University
EG 119, UGF, Inderpuri, New Delhi-110012

- | | |
|---|-------------------------|
| 7. Dr. Surender Singh
Professor, Department of Pharmacology,
A.I.I.M.S. Ansari Nagar, New Delhi - 110029 | Member |
| 8. Dr. Rakesh Shukla
Professor of Pharmacology in AcSIR
Former Chief Scientist & Head Division of Pharmacology
CSIR-Central Drug Research Institute, Lucknow-226001 | Member |
| 9. Dr. M.M. Gore
Scientist G, National Institute of Virology
5/1B, Krutika Complex, Tejas Nagar, Kothrud, Pune-411038 | Member |
| 10. Prof. Rajamani Nagarajan
Professor
Department of Chemistry, B007,
University of Delhi - 110007 | Member |
| 11. Director General
CCRH, 61-65, Institutional Area,
D-Block, Janakpuri, New Delhi-110058 | Member Secretary |

SPECIAL COMMITTEE FOR HUMAN PATHOGENETIC TRIAL (DRUG PROVING)

Members of the Special Committee for Human Pathogenetic Trial (Drug Proving) constituted w.e.f. 26.03.2018

- | | |
|---|------------------------|
| <p>1. Dr. J.D. Daryani
Former Principal
Dr. MPK Homoeopathic Medical College, Hospital &
Research Center, C-VI-101, Kamal Apartments No.2
Bani Park, Jaipur-302006</p> | <p>Chairman</p> |
| <p>2. Dr. S.K. Tiwari
Homoeopathic Consultant & Former Principal
Fr. Muller Homoeopathic Medical College
Kankanady, Dev Plaza, 105, Kadri Temple Road
Mangalore-575002</p> | <p>Member</p> |
| <p>3. Dr. B.N. Prakash
Former Director (Hom.)
Govt. of Karnataka
Principal
Government Homoeopathic Medical College & Hospital
Bangalore, Karnataka</p> | <p>Member</p> |
| <p>4. Dr. S.K. Bhattacharya
Former HOD
National Institute of Homoeopathy
139, Swami Vivekananda Road,
P.O. Birati, Kolkata-700051</p> | <p>Member</p> |
| <p>5. Dr. Alok Kumar
Former Advisor (H)
Ministry of AYUSH
217, Karishma Apartment,
IT Extension, Patparganj
Delhi</p> | <p>Member</p> |
| <p>6. Dr. Kishore Mehta
Consulting Homoeopath
Nirmal Polyclinic
B-6, Majhithia Apartment
Irla, Villa Parley (West), Mumbai-56</p> | <p>Member</p> |
| <p>7. Dr. Rajesh Shah
Life Force Homoeopathy
411 Krushal Commercial Complex
GM Road, Chembur, Mumbai-400059</p> | <p>Member</p> |

- 8. Dr. Raj K. Manchanda** **Member Secretary**
Director General,
Central Council for Research in Homoeopathy,
61-65, Institutional Area, D-Block, Janakpuri,
New Delhi-110058

Newly constituted Special Committee for Human Pathogenetic Trial (Drug Proving) of CCRH w.e.f. 31.01.2019

- 1. Dr. J.D. Daryani** **Chairman**
Former Principal at
Dr. MPK Homoeopathic Medical College,
Hospital & Research Center;
C-VI-101, Kamal Apartments No.2, Bani Park, Jaipur- 302 006
- 2. Dr. Anil Kumari Malhotra** **Member**
Director Professor & Principal NHMC (Retd.)
J-27, Lajpat Nagar III, New Delhi – 110024
- 3. Prof. (Dr.) Neeraj Gupta** **Member**
Assistant Prof., Department of Organon of Medicine,
NHMC & H, B Block, Defence Colony, New Delhi-110024
- 4. Dr. Rajesh Shah** **Member**
Director, Life Force Homeopathy,
411, Krushal Commercial Complex,
GM Rd, Chembur, Mumbai 400089
- 5. Prof. V.K.Vimal** **Member**
Director Homoeopathy, UP Govt.
8th Floor, Indira Bhavan, Ashok Marg, Lucknow-226001
- 6. Dr. R. Gnanasambandam** **Member**
Homoeopathy Expert and Editor Homeo Times, Tamil Nadu
Lloyds IInd Lane, Royapettah, Chennai-600014
- 7. Dr. S.K. Bhattacharya** **Member**
Former HOD at NIH Kolkata,
139 Swami Vivekananda Road, P.O. Birati, Kolkata-700 051
- 8. Dr. S. K. Tiwari** **Member**
Homoeopathic Consultant & Former Principal
Fr. Muller Homoeopathic Medical College, Kankanady,
Dev Plaza, 105, Kadri Temple Road,
Mangalore – 575 002
- 9. Director General** **Member Secretary**
Central Council for Research in Homoeopathy,
61-65, Institutional Area, D-Block, Janakpuri,
New Delhi-110058

SPECIAL COMMITTEE ON FUNDAMENTAL & BASIC RESEARCH

Member of the Special Committee on Fundamental & Basic Research constituted on 26.03.2018

- | | |
|---|------------------------|
| <p>1. Prof. (Dr.) C. Nayak
Former Director General CCRH
House No. 55B, C-4D Block,
Janakpuri, New Delhi-110058</p> | <p>Chairman</p> |
| <p>2. Dr. Jayesh Billare
Institute Chair Professor
Department of Chemical Engineering
IIT, Bombay, Mumbai-400076</p> | <p>Member</p> |
| <p>3. Dr. Parimal C. Sen
Senior Professor
Division of Molecular Medicine
Bose Institute, Kolkata - 700054</p> | <p>Member</p> |
| <p>4. Prof. Papiya Nandy
Principal Investigator
Centre for Interdisciplinary Research and Education
404, Jodhpur Park, Kolkata-700068</p> | <p>Member</p> |
| <p>5. Dr. M.M Gore
Scientist G
National Institute of Virology
Gorakhpur Unit, BRD Medical College
Gorakhpur, UP-273013</p> | <p>Member</p> |
| <p>6. Dr. Suresh Bhambhani
Chief, Division of Cytopathology
Institute of Cytology and Preventive Oncology
Plot No. 2012, City View Apartments
Sector-35, Near Sumitra Hospital, Noida-201301</p> | <p>Member</p> |
| <p>7. Dr. J.P. Varshney
Former Prof. & Head
Department of Medicine
IVRI, Izzat Nagar-Nandini Vety.
Veterinary Consultant Hospital Opp. (Medicine & Research)
Children Traffic Training Park Ghod dod Road
Surat-359007</p> | <p>Member</p> |
| <p>8. Dr. Alok Chandra Bharti
Scientist-D & Head
Division of Molecular Oncology
Institute of Cytology & Preventive Oncology (ICMR)
I-7, Sector 39, Noida, Distt. Gautam Buddha Nagar-201301</p> | <p>Member</p> |

- 9. Dr. R.K. Sarkar**
Principal Scientist
Central Rice Research Institute, ICAR
Cuttack (Orissa)
- 10. Dr. D.S. Nauriyal** **Member**
Professor & Head
Department of Veterinary Medicine
College of Veterinary Science & A.H.,
Anand Agricultural University, Anand-388011
Gujarat
- 11. Dr. Raj K. Manchanda** **Member Secretary**
Director General,
Central Council for Research in Homoeopathy,
61-65, Institutional Area, D-Block, Janakpuri,
New Delhi-110058

Newly constituted Special Committee on Fundamental & Basic Research of CCRH w.e.f. 31.01.2019

- 1. Prof. (Dr.) C. Nayak** **Chairman**
President,
Homoeopathy University Saipura,
Sanganer, Jaipur - 302029
- 2. Dr. Renu Pandey** **Member**
Principal Scientist, Mineral Nutrition Laboratory,
Division of Plant Physiology, Indian Agriculture
Research Institute, Pusa New Delhi-110 012
- 3. Dr. Alok Chandra Bharti** **Member**
Professor, Department of Zoology,
University of Delhi (North Campus), Delhi - 110 007
- 4. Prof. (Dr.) Subhendu Ghosh** **Member**
Professor & Head, Department of Biophysics,
University of Delhi South Campus, Benito Juarez Road
New Delhi - 110021
- 5. Prof. Shantaram G Kane** **Member**
Former Adjunct Professor,
Department of Chemical Engineering,
Indian Institute of Technology Bombay, Mumbai
- 6. Dr. Satadal Das** **Member**
Consultant Pathologist, DACRRI(H), Kolkata
76, Satyen Roy Road, Kolkata – 700 034

- 7. Dr. Sandeep R. Mathur** **Member**
Associate Professor, Department of Pathology,
AIIMS - 110029
- 8. Dr. Y.K. Gupta** **Member**
Former Professor & Head, Department of Pharmacology
House no. 116, Sector 37, Arun Vihar,
Opp. Botanical Garden Metro Station, Noida- 201301
- 9. Dr. D.S. Nauriyal** **Member**
Professor & Head, Department of Veterinary Medicine,
College of Veterinary Science &
A.H., Anand Agricultural University,
ANAND-388001 (Gujarat)
- 10. Prof (Dr.) Kanjaksha Ghosh** **Member**
C-403/404, Valentine Apartments,
A2 Block, Film City Road Junction,
Malad (E), Mumbai-400097
- 11. Director General** **Member Secretary**
Central Council for Research in Homoeopathy,
61-65, Institutional Area,
D-Block, Janakpuri, New Delhi-110058

REPRESENTATION OF SCHEDULED CASTES / SCHEDULED TRIBES IN THE COUNCIL SERVICES

The Council is following the orders and guidelines, issued from time to time by the Government of India in respect of reservation and representation of SC / ST in the services of the Council. The number of sanctioned posts, filled up posts during the last financial year, SC/ ST and OBC employees working in the Council as on 31.03.2018 were as under :-

Table 1

Group	No. of Sanctioned Posts	Posts filled	Categories			
			SC	ST	OBC	General
A	127	118	21	8	26	63
B	52	51	7	2	9	33
C	279	187	46	15	39	87
Total	458	356	74	25	74	183

* 40 persons have been engaged on contract basis against regular post of MTS.

BUDGET

The following table shows the budget of the Council for the year 2018-19:

Table 1 (Rupees in lakhs)

Allotted Budget Estimate	PLAN								TOTAL PLAN
	2018-19 Budget Estimate	General Area Plan	SAP	Salary	Capital Assets	Special Component Plan for Schedule caste	Tribal Area Plan	Medical Education, Training & Research (NER)	
B.E.	3990.00	10.00	5400.00	1450.00	100.00	-	-		10950.00
F.E.	3720.00	10.00	5796.00	1287.00	100.00	-	-		10913.00
Total Amount Received	3720.00	10.00	5796.00	1287.00	100.00	-	-		10913.50

Budget

Table 2 (Rupees in Crore)

Year	Budget Estimate	Total
2019-20	118.53	118.53
Expenditure up to May, 2019		

RIGHT TO INFORMATION ACT

The Right to Information Act (RTI) is an Act of the Parliament of India "to provide for setting out the practical regime of right to information for citizens". The Act also requires every public authority to computerize their records for wide dissemination and to pro-actively publish certain categories of information so that the citizens need minimum recourse to request for information formally. This law was passed by Parliament on 15th June 2005 and came fully into force on 13th October 2005. The Indian Parliament gave a powerful tool to the citizens to get information from the Government as a matter of right.

The basic object of the Right to Information Act is to empower the citizens, promote transparency and accountability in the working of the Government contain corruption, and make our democracy work for the people in real sense. It goes without saying that an informed citizen is better equipped to keep necessary vigil on the instruments of governance and make the government more accountable to the governed. The Act is a big step towards making the citizens informed about the activities of the Government.

The Council has been providing the requisite information to the citizens by following the essence of the Act. During 2018-19, the queries received from the citizens are complied as under:

• Opening balance of queries as on 01.04.2018	: 0
• Number of applications received as transferred from Other PSU u/s 6(1)	: 06
• Received applications (including cases transferred to other Public Authorities)	: 99
• Number of Cases transferred to other Public Authorities	: 9
• Decision where requests/ appeals rejected	: Nil

INFRASTRUCTURE

INFRASTRUCTURE DEVELOPMENT OF CCRH

In 1969, the Govt. of India established Central Council for Research in Indian medicines and Homoeopathy for conducting systematic research in respective fields and in 1978, the CCRIMH was dissolved to pave way for the constitution of four separate research Councils, one each for Homoeopathy (CCRH), Ayurveda and Siddha Medicine (CCRAS), Unani Medicine (CCRUM) and Yoga & Naturopathy (CCRYN). Such independent set-up of the Councils facilitated the promotion of research in the respective disciplines, on their own strengths.

The Central Council for Research in Homoeopathy (CCRH) was formally constituted on 30th March 1978, as an autonomous organization and was registered under the Societies Registration Act XXI of 1860. It was, however, in January 1979, that the Council started functioning as an independent organization.

The Council had been running a network of 51 Institutes/Units functioning in different parts of the country prior to the reorganization and re-structuring of the Council. Twenty nine (29) units (including 3 Units in NE Region viz., Aizawl, Dimapur and Shillong) have since been merged with major Institutes reducing the number to 22 Units/Institutes. However, the Unit at Aizawl has since been reopened by appointing contractual staff and the Units at Dimapur and Shillong are also likely to be reopened soon. Thus, at present, apart from 1 Research-cum-PG Institute and 23 Research Centres, Council has set up 03 Extension Centres and 06 Homoeopathic Medical OPDs. The Institutes/Units of the Council currently functioning are:

Table 1

S. No.	Institute/Unit	No. of Units	Place
1.	Head Quarters	1	• New Delhi
2.	National Homoeopathy Research Institute for Mental Health (NHRIMH)		• Kottayam (Kerala)
3.	Dr. DP Rastogi Central Research Institute (H)	1	• Noida (Uttar Pradesh)
4.	Central Research Institute (H)	1	• Jaipur (Rajasthan)
5.	Homoeopathic Drug Research Institute	1	• Lucknow (Uttar Pradesh)
6.	Regional Research Institutes	8	<ul style="list-style-type: none"> • Guwahati (Assam) • Gudivada (Andhra Pradesh) • Imphal (Manipur) • Mumbai (Maharashtra) • Puri (Orissa)

S. No.	Institute/Unit	No. of Units	Place
			<ul style="list-style-type: none"> Shimla (Himachal Pradesh) Kolkata (West Bengal) Agartala (Tripura)
7.	Clinical Research Units	09 + 03 Extension Centers	<ul style="list-style-type: none"> Aizawl (Mizoram) Chennai (Tamilnadu) Dimapur (Nagaland) Gangtok (Sikkim) Port Blair (A&N Islands) Puducherry Ranchi (Jharkhand) Siliguri (West Bengal) Tirupathi (Andhra Pradesh) Ex. Centre of Drug Standardization Unit, Hyderabad (Andhra Pradesh) Ext. Centre of H.D.R.I. Lucknow at Gorakhpur (Uttar Pradesh) Drug Proving Unit Ext. Centre of RRI(H), Puri at Bhubaneshwar (Orissa)
8.	Clinical Verification Unit	1	<ul style="list-style-type: none"> Patna (Bihar)
9.	Drug Standardization Unit	1	<ul style="list-style-type: none"> Hyderabad (Andhra Pradesh)
10.	Centre for Medicinal Plants Research in Homoeopathy (CMPRH)	1	<ul style="list-style-type: none"> Ooty (Tamil Nadu)
11.	Homoeopathy Treatment Centres	6	<ul style="list-style-type: none"> Safdarjung Hospital Lady Harding Medical College & Hospital & Delhi Cantonment Hospital, New Delhi AYUSH Wellness Clinic, Rashtrapati Bhawan, New Delhi Delhi State Cancer Institute, Delhi Integrated AYUSH Clinic, All India Institute of Ayurveda, New Delhi

Until 2005, all the Institutes/Units of the Council were functioning in rented buildings/accommodation provided free of cost by the concerned State Govts., when the Council shifted its focus to have its own buildings for the development of the Institutes. In the year 2007, CRI(H), Noida shifted to its own building constructed on the land provided by the State Govt. free of cost. Now, the Council has its own buildings for CRI(H), Kottayam (now upgraded as NHRIMH), CRI (H), Jaipur, RRI(H), Gudivada, Kolkata, Agartala and Puri. The building for RRI(H) Mumbai is under construction and land has been acquired for Siliguri, Lucknow, Imphal, Guwahati and Shimla.



Central Council for Research in Homoeopathy, New Delhi



National Research Institute of Homoeopathy in Mental Health, Kottayam



Dr. DP Rastogi Central Research Institute for Homoeopathy, Noida



Regional Research Institute, Gudivada



Regional Research Institute (H), Agartala



Central Research Institute (H), Jaipur

The Council has also developed an impressive Virology Lab at Dr. Anjali Chatterjee Regional Research Insitute for Homoeopathy, Kolkata, West Bengal, India.



Real time PCR for the detection of viral copy number in JE infected embryo



Detection of Dengue NS1 antigen level in patient sera and cell supernatant by ELISA reader



Cryo-storage of tissue samples in -800C freezer



A view of Chemistry Laboratory at Drug Standardization Unit



Monitoring Zebrafish (Danio rerio) ovulation



Preparing culture media

State of the Art Zebra Fish, Chemistry, Pharmacology, Micorobiology and Molecular Lab have been developed at DDPCRRIH, Noida. The Council has proposed to develop DDPCRRI(H), Noida as National Homoeopathic Drug Research Institute (NHDRRI).



Laboratory Instruments at DACRRI (H), Kolkata



Pharmacology lab



Pharmacology lab 2



Zebrafish lab



Botany lab



Chemistry lab



In house pharmacy

The details of institutes/units with their status of accommodation and assignments being carried out are given in table 5

Table 2

Sl. No.	Name of the Institute	Contact Person	Accommodation	Assignment
			Rented/Owned (with area covered)	
1.	Regional Research Institute (H) Joy Krishna Kobra Para Road, Khumulwng, Agartala-799045. Tripura	Dr. Ratan Chandra Shil R.O(H)/S-1 0381-253-0077 crut_agartala@yahoo.com	Own Building in an Area 2.05 Acre	<p>a) Clinical Research</p> <ol style="list-style-type: none"> 1. Adenotonsillar Hypertrophy 2. Psoriasis (Follow up) 3. Muriatic Family study 4. Patient Reported Outcome Measure Study (MYMOP) 5. Warts 6. Cough Validation <p>b) Validation study on Acne</p> <p>c) Clinical Verification Research on 08 drugs</p> <p>d) Validation of Homoeopathic drugs of EDL prescribed in OPD cases of CCRH institutes/Units with aid of Vithoulkas Compass Software: A pragmatic, data collection study</p> <p>e) Specialty clinic:</p> <ul style="list-style-type: none"> - Rheumatology clinic <p>f) Public Health Activities:</p> <ul style="list-style-type: none"> - Mother & Child Health Care - Swasthya Rakshan Program - SC Health Camps
2.	Homoeopathy Research Institute for Disabilities, Room No.136, N.I.E.P.M.D Campus, ECR Road, Muttukadu, Chennai-603112, Tamil Nadu	Dr. Kolli Raju R.O(H)/S-4 044-27472016 cruchennai@gmail.com	Rented accommodation at NIEPMD, Chennai	<p>a) Clinical Research</p> <ol style="list-style-type: none"> 1. Vitiligo (Follow up) <p>b) Validation study on Dyspepsia</p> <p>c) Public Health Activities:</p> <ul style="list-style-type: none"> - Mother & Child Health Care - SC Health Camps
3.	Clinical Research Unit (T) Development Area, Near Sangram Bhawan, Gangtok - 737101 Sikkim	Dr. Santosh Kumar Tamang R.O(H)/S-1 03592-220250 crugangtok@gmail.com	Rented accommodation with covered area 2200 sq.ft approx	<p>a) Clinical Research:</p> <ol style="list-style-type: none"> 1. Adjustment Disorder 2. Patient Reported Outcome Measure Study (MYMOP) <p>b) Validation of Homoeopathic drugs of EDL prescribed in OPD cases of CCRH institutes/Units with aid of Vithoulkas Compass Software: A pragmatic, data collection study</p> <p>c) Public Health Activities:</p> <ul style="list-style-type: none"> - Mother & Child Health Care

4.	Regional Research Institute (H), Dr GGH Medical College Campus, Eluru Road, Gudivada-521301 Andhra Pradesh	Dr. Ch. Raveendar Assistant Director (H) 08674-243491 rrigudivada@gmail.com	Own building with covered area of 3300 sq.ft approx	<p>a) Clinical Research</p> <ol style="list-style-type: none"> Vitiligo (Follow up) Psoriasis (Follow up) Cough Validation Rheumatoid Arthritis Post Chikungunya Arthritis Muriatic Family study Chronic Non-Specific Low Back Pain Warts <p>b) Validation study on Haemorrhoids</p> <p>c) Drug Proving Research Program</p> <p>d) Clinical Verification Research on 08 drugs</p> <p>e) Specialty clinics:</p> <ul style="list-style-type: none"> Dermatology Clinic Lifestyle Disorder Clinic ENT Clinic Rheumatology Clinic <p>f) Public Health Activities</p> <ul style="list-style-type: none"> Integrated NPCDCS Program Swasthya Rakshan Program SC Health Camps Mother & Child Health Care
5.	Regional Research Institute(H), Ground Floor, Old Building NEIARI (Ayurvedic Campus) Barsojai, Bhetapara, Beltola, Guwahati-781028 Assam	Dr. Ranjit Sonny R.O(H)/S-1 0361-2306202 rrihgua@gmail.com	Accommodated in Ground Floor of old building of NEIARI, Guwahati	<p>a) Clinical Research</p> <ol style="list-style-type: none"> Vitiligo (Follow up) Psoriasis (Follow up) Patient Reported Outcome Measure Study (MYMOP) <p>b) Validation study on Migraine</p> <p>c) Clinical Verification Research on 08 drugs</p> <p>d) Validation of Homoeopathic drugs of EDL prescribed in OPD cases of CCRH institutes/Units with aid of Vithoukas Compass Software: A pragmatic, data collection study</p> <p>e) Specialty clinic</p> <ul style="list-style-type: none"> Dermatology Clinic <p>f) Public Health Activities</p> <ul style="list-style-type: none"> Homoeopathy for Healthy Child Swasthya Rakshan Program SC Health Camps Mother & Child Health Care
6.	Drug Standardisation Unit(H), Osmania University Building 32, Road No. 4, Vikram Puri, Habsiguda, Hyderabad-500007 Telangana	Dr. E. N. Sundaram R.O (Endocrinology) 040-27178188 dsuchhyd@gmail.com	Rented accommodation in the premises of Osmania University.	<p>a) Clinical Research</p> <ol style="list-style-type: none"> Patient Reported Outcome Measure Study (MYMOP) Cough Validation <p>b) Drug Standardization Research</p> <p>c) Specialty clinic:</p> <ul style="list-style-type: none"> ENT Clinic Lifestyle Disorder Clinic <p>d) Public Health Activities:</p>

				<ul style="list-style-type: none"> - SC Health Camps - Mother & Child Health Care
7.	D.S.U. Extension Unit Princess Durra Shehvar Children Hospital, Purani Haveli, Hyderabad-500002	Dr. P. Hima Bindu R.O(H)/S-2 040-24567754 extncruhyd@gmail.com	Rent free Accommodation in Princess Durru Shehvar Children & Gen. Hospital, Puranihaveli, Hyderabad-500002	<p>a) Clinical Research</p> <ol style="list-style-type: none"> 1. Adenotonsillar Hypertrophy 2. Patient Reported Outcome Measure Study (MYMOP) <p>b) Validation study on Asthma</p> <p>c) Children Paradigm Study (MoU with Israel) at JIMS Homoeopathic Medical College & Hospital through Extn. Unit DSU Telangana.</p>
8.	Regional Research Institute (H), New Checkon, Bazar Road, Opp. Tribal Colony, Imphal East District-795001 Manipur	Dr.Th.Ojit Singh R.O(H)/S-4 0385 - 2457417 rriimphal@gmail.com	Rented building	<p>a) Clinical Research</p> <ol style="list-style-type: none"> 1. Patient Reported Outcome Measure Study (MYMOP) <p>b) Validation study on Haemorrhoids</p> <p>c) Clinical Verification Research on 08 drugs</p> <p>d) Validation of Homoeopathic drugs of EDL prescribed in OPD cases of CCRH institutes/Units with aid of Vithoulkas Compass Software: A pragmatic, data collection study</p> <p>e) Public Health Activities:</p> <ul style="list-style-type: none"> - Swasthya Rakshan Program - Lifestyle Disorder Clinic - SC Health Camps
9.	Dr. Anjali Chatterjee Regional Research Institute (H), 50, Rajendra Chatterjee Road, Kolkata - 700035 West Bengal	Dr. D. B. Sarkar Asst. Director(H) 033-25100868 anjaliirrikolkata@gmail.com	Own building with covered area of 6000 sq.ft. approx.	<p>a) Clinical Research</p> <ol style="list-style-type: none"> 1. Vitiligo (Follow up) 2. Psoriasis (Follow up) 3. Muratic Family study 4. Urinary Tract Infection 5. Adjustment Disorder 6. Patient Reported Outcome Measure Study (MYMOP) 7. Warts 8. Cough Validation <p>b) Validation study on Migraine</p> <p>c) Drug Proving Research Program</p> <p>d) Clinical Verification Research on 08 drugs</p> <p>e) Validation of Homoeopathic drugs of EDL prescribed in OPD cases of CCRH institutes/Units with aid of Vithoulkas Compass Software: A pragmatic, data collection study</p> <p>f) Specialty clinic:</p> <ul style="list-style-type: none"> - Lifestyle Disorder Clinic <p>g) Public Health Activities:</p> <ul style="list-style-type: none"> - Swasthya Rakshan Program - SC Health Camps - Mother & Child Health Care

10.	National Homoeopathy Research Institute in Mental Health Sachivothama-puram, Kottayam-686532 Kerala	Dr. K. R. Janardhanan Nair Principal 0481-2436322, crihktm@gmail.com	Own double storey building in an area of 1.78 Acres. Another 7.5 Acres have been allotted by State Govt. free of cost	<p>a) Clinical Research</p> <ol style="list-style-type: none"> 1. Post Chikungunya Arthritis 2. Vitiligo (Follow up) 3. Psoriasis (Follow up) 4. Rheumatoid Arthritis 5. Adenotonsillar Hypertrophy 6. Urinary Tract Infection 7. Adjustment Disorder 8. Patient Reported Outcome Measure Study (MYMOP) 9. Cough Validation 10. Warts <p>b) Validation study on Acne</p> <p>c) Validation study on Asthma</p> <p>d) Clinical Verification Research on 08 drugs</p> <p>e) Drug Proving Research Program</p> <p>f) Validation of Homoeopathic drugs of EDL prescribed in OPD cases of CCRH institutes/Units with aid of Vithoulkas Compass Software: A pragmatic, data collection study</p> <p>g) Specialty clinic:</p> <ul style="list-style-type: none"> - Dermatology Clinic - Lifestyle Disorder Clinic - ENT Clinic <p>h) Public Health Activities:</p> <ul style="list-style-type: none"> - Swasthya Rakshan Program - SC Health Camps - Mother & Child Health Care
11.	Homoeopathic Drug Research Institute (H), Campus of National Homoeopathic Medical College & Hospital, 1, Viraj Khand, Gomti Nagar, Lucknow- 226010 Uttar Pradesh	Dr. A. K. Gupta Asst. Director(H) 0522-2301030 hdri_lko@yahoo.com	Rent free accommodation provided by Govt. of U.P. in the campus of National Homoeopathic Medical College, Acquired 4429.56 Sq.m of land acquired @ Rs. 8 crore	<p>a) Clinical Research:</p> <ol style="list-style-type: none"> 1. Patient Reported Outcome Measure Study (MYMOP) 2. Vitiligo (Follow up) <p>b) Validation study on Acne</p> <p>c) Drug Proving Research Program</p> <p>d) Clinical Verification Research on 08 drugs</p> <p>e) Public Health Activities:</p> <ul style="list-style-type: none"> - Swasthya Rakshan Program (upto Sept. 2018) - SC Health Camps - Lifestyle Disorder Clinic - Mother & Child Health Care
12.	Ext. Centre of HDRI, Lucknow at B.R.D. Medical College, Room no. 9/10, Private ward, Gorakhpur-283013	Dr. Ramesh Prasad RO(H)/S-2 0551-2500473 ctuhgkp2012@gmail.com		<p>a) Clinical research</p> <ol style="list-style-type: none"> 1. Patient Reported Outcome Measure Study (MYMOP)

<p>13.</p>	<p>Regional Research Institute (H), MTNL Hall No.-4, Sector- 9, Shopping Centre, CBD, Belapur, Navi Mumbai-400614 Maharashtra</p>	<p>Dr. Ramesh S. Bawaskar R.O(H)/S-3 022-27573154 rrihmumbai@gmail.com</p>	<p>Rented Accommodation Own building being constructed in an area of 2000 sq.m.</p>	<p>a) Clinical Research 1. Rheumatoid Arthritis 2. Vitiligo (Follow up) 3. Psoriasis (Follow up) 4. Cough Validation 5. Warts b) Drug Proving Research Program c) Validation study on Acne d) Validation of Homoeopathic drugs of EDL prescribed in OPD cases of CCRH institutes/Units with aid of Vithoulkas Compass Software: A pragmatic, data collection study e) Clinical Verification Research on 08 drugs e) Specialty clinic: - Dermatology Clinic - Rheumatology Clinic f) Public Health Activities: - Homoeopathy for Healthy Child - Integrated NPCDCS Program at Nasik - Lifestyle Disorder Clinic - Swasthya Rakshan Program (upto April, 2019) - Mother & Child Health Care - SC Health Camps</p>
<p>14.</p>	<p>Dr. D. P. Rastogi Central Research Institute (H), A-1/1, Sector 24, Noida, Gautambudh Nagar -201301 Uttar Pradesh</p>	<p>Dr. B. S. Arya Asst. Director (H) 0120-2411323 crihnoida@gmail.com</p>	<p>Own building with covered area of 3800 Sq. Meters.</p>	<p>a) Clinical Research 1. Vitiligo (Follow up) 2. Psoriasis (Follow up) 3. Adenotonsillar Hypertrophy 4. Post Chikungunya Arthritis 5. Rheumatoid Arthritis 6. Muriatic Family study 7. Chronic Non Specific Low Back Pain 8. Patient Reported Outcome Measure Study (MYMOP) 9. Warts 10. Cough Validation b) Validation study on Asthma c) Drug Proving Research Program d) Clinical Verification Research on 08 drugs e) "Validation of Homoeopathic drugs of EDL prescribed in OPD cases of CCRH institutes/Units with aid of Vithoulkas Compass Software: A pragmatic, data collection study" f) Drug Standardization Research - HPI revision work ongoing g) In-vitro studies on fungal and bacterial cultures</p>

				<p>h) Specialty clinic:</p> <ul style="list-style-type: none"> - Dermatology Clinic - Rheumatology Clinic - Lifestyle Disorder Clinic <p>I) Public Health Activities:</p> <ul style="list-style-type: none"> - Homoeopathy for Healthy Child - Swasthya Rakshan Program - SC Health Camps - Mother & Child Health Care
15.	Clinical Research Unit (H), M.B. 31, Middle Point, Mahatma Gandhi Road, Port-Blair-744101 Andaman and Nicobar Islands.	Dr. Uttam Singh R.O(H)/S-1 03192-233073 cruhportblair@gmail.com	Rented building with an area of 912 Sq.ft approx.	<p>a) Clinical Research</p> <ol style="list-style-type: none"> 1. Vitiligo (Follow up) 2. Muriatic Family study 3. Patient Reported Outcome Measure Study (MYMOP) <p>b) Validation study on Dyspepsia</p> <p>c) Clinical Verification Research on 08 drugs</p> <p>d) Specialty clinics:</p> <ul style="list-style-type: none"> - Rheumatology clinic - Lifestyle Disorder Clinic <p>e) Public Health Activities:</p> <ul style="list-style-type: none"> - Mother & Child Health Care - Swasthya Rakshan Program (upto July 2018)
16.	Clinical Research Unit (H) No. 13, 1st Cross, Mangalakshmi Nagar, (Behind New Bus Stand), Seram Post, Puducherry-605013	Dr. Ravi Kumar Sardarla R.O(H)/S-4 0413-2206879 cruhpuuducherry@gmail.com	Rented building with area of 167.17 sq.mtr. approx.	<p>a) Clinical Research</p> <ol style="list-style-type: none"> 1. Patient Reported Outcome Measure Study (MYMOP) 2. Psoriasis (Follow up) <p>b) Validation study on Migraine</p> <p>c) Specialty clinic:</p> <ul style="list-style-type: none"> - SC Health Camps
17.	Regional Research Institute (H), CCRH Building, Marchikote Lane, Near Labanikhia Chaak,Puri-752001 Odisha	Dr. Gautam Rakshit Asst. Director(H) 06752-223371 rripuri@gmail.com	Functioning in two donated buildings of 1680 sq. ft. and 1757 sq. ft.	<p>a) Clinical Research</p> <ol style="list-style-type: none"> 1. Vitiligo (Follow up) 2. Psoriasis (Follow up) 3. Adjustment Disorder 4. Patient Reported Outcome Measure Study (MYMOP) 5. Lymphatic filariasis 6. Warts 7. Cough Validation <p>b) Validation study on Dyspepsia</p> <p>c) Validation of Homoeopathic drugs of EDL prescribed in OPD cases of CCRH institutes/Units with aid of Vithoulkas Compass Software: A pragmatic, data collection study</p> <p>d) Clinical Verification Research on 08 drugs</p> <p>e) Specialty clinic:</p> <ul style="list-style-type: none"> - Dermatology Clinic <p>f) Public Health Activities:</p>

				<ul style="list-style-type: none"> - Integrated NPCDCS Program at Sambalpur - Swasthya Rakshan Program - Lifestyle Disorder Clinic - SC Health Camps - Mother & Child Health Care
18.	Extension Centre(H), Dr Abhin Chandra Homoeopathic Medical College & Hospital, Unit - III, Kharavela Nagar, Bhubaneswar – 751001 Odisha	Dr. Amulya Ratna Sahoo R.O(H)/S-2	Rent free accommodation provided by Dr. A. C. Homoeopathic Medical College & Hospital, Bhubaneswar. Five acres of land has been given by State Govt.	a) Clinical Research <ol style="list-style-type: none"> 1. Chronic Non Specific Low Back Pain 2. Patient Reported Outcome Measure Study (MYMOP) 3. Cough Validation b) Drug Proving Research Program c) Clinical Verification Research on 08 drugs d) Public Health Activities: <ul style="list-style-type: none"> - Homoeopathy for Healthy Child
19.	Clinical Research Institute(H) C-26,Pratap Nagar, Jaipur-302033 Rajasthan	Dr. Nidhi Mahajan R.O(H)/S-1 0141-2371763 rrihjaipur@gmail.com	Own building with an area of 4051 sq. m	a) Clinical Research <ol style="list-style-type: none"> 1. Patient Reported Outcome Measure Study (MYMOP) 2. Vitiligo (Follow up) 3. Psoriasis (Follow up) 4. Warts 5. Cough Validation b) Drug proving Research Program c) Validation of Homoeopathic drugs of EDL prescribed in OPD cases of CCRH institutes/Units with aid of Vithoulkas Compass Software: A pragmatic, data collection study d) Specialty clinic: <ul style="list-style-type: none"> - Rheumatology Clinic - Dermatology Clinic e) Public Health Activities: <ul style="list-style-type: none"> - Homoeopathy for Healthy Child - Swasthya Rakshan Program - SC Health Camps - Mother & Child Health Care
20.	Clinical Research Unit (H) Arsunday, Boreya Road, Opp. SBI Bank P.O. Boreya, Ranchi – 835240 Jharkhand	Dr. Sunil Prasad, R.O(H)/S-3 0651-2450986 crutranchi@rediffmail.com	Rented building with an area of 779sq ft.	a) Clinical Research <ol style="list-style-type: none"> 1. Adjustment Disorder 2. Patient Reported Outcome Measure Study (MYMOP) b) Validation of Haemorrhoids c) Validation of Homoeopathic drugs of EDL prescribed in OPD cases of CCRH institutes/Units with aid of Vithoulkas Compass Software: A pragmatic, data collection study d) Public Health Activities: <ul style="list-style-type: none"> - Mother & Child Health Care - SC Health Camps

21.	Regional Research Institute (H), C-5, Lane-1, Sector-2, Below B.C.S. New Shimla-171009 Himachal Pradesh	Dr. Sunil Ramteke R.O(H)/S-4 0177-2670450 rrishimla@gmail.com	Rented building with covered area of 1224.25 + 300 Sq.ft open space Purchased land area 3809.02 sq.m. fencing done. Proposed to construct own building with covered area of 1730.84 sq. m.	a) Clinical Research 1. Chronic Non Specific Low Back Pain 2. Adenotonsillar Hypertrophy 3. Patient Reported Outcome Measure Study (MYMOP) b) Clinical Verification Research on 08 drugs c) Validation of Homoeopathic drugs of EDL prescribed in OPD cases of CCRH institutes/Units with aid of Vithoulkas Compass Software: A pragmatic, data collection study d) Public Health Activities: - Swasthya Rakshan Program (upto Sept. 2018) - SC Health Camps - Mother & Child Health Care
22.	Clinical Research Unit (T) Gokhel Road, Arabindopally (Near Matrimandir) Darjeeling, Siliguri - 734006, West Bengal	Dr. Jogendra Singh Arya RO (H)/S-4 0353-2596065 cruslg@gmail.com	Rented building with Area : 2700 Sq.ft. 0.33 acres of land acquired from state govt.	a) Clinical Research 1. Psoriasis (Follow up) 2. Adjustment Disorder 3. Patient Reported Outcome Measure Study (MYMOP) b) Validation study on Haemorrhoids c) "Validation of Homoeopathic drugs of EDL prescribed in OPD cases of CCRH institutes/Units with aid of Vithoulkas Compass Software: A pragmatic, data collection study" d) Specialty clinic: - Rheumatology Clinic e) Public Health Activities: - SC Health Camps - Integrated NPCDCS Program
23.	Centre for Medicinal Plants Research in Homoeopathy 3/126, Indira Nagar, Emerald, The Nilgiri Distt., Tamil Nadu-643209	Dr. S. Rajan (Field Botanist) 0423-2595184 smpcuemerald@gmail.com	Two building on 12.5 acres of land provided by State Govt. on lease basis.	a) Survey, Collection & cultivation of medicinal plants: 1. Supply of assigned drugs to various Drug Standardization units of the Council for regular assignment and for HPI revision work 2. Cultivation of medicinal plants in Homoeopathy specially exotic and not easily available
24.	Clinical Research Unit (H), Old Maternity Hospital Campus, Tirupati - 517507 Andhra Pradesh	Dr. R. V. R. Prasad R.O(H)/S-4 0877-2230466 crutpt@gmail.com	Rented building providing by Tirumala Tirupati Devasthanam in an Area : 1150 Sq.ft	a) Clinical Research 1. Chronic Non-Specific Low Back Pain 2. Patient Reported Outcome Measure Study (MYMOP) b) Specialty clinics - Lifestyle Disorder Clinic c) Public Health Activities: - SC Health Camps

25.	Clinical Research Unit (H) 3rd floor AYUSH Building, Block-D Civil Hospital, Dawrpui, Aizawl-796001 Mizoram	Dr. Baidurjya Bhattacharjee R.O(H)/S-1 (0389) 2312557 aizawl.cru@gmail.com	Rented free accommodation provided by State Government (1000 Sq.ft. approx..)	"Validation of Homoeopathic drugs of EDL prescribed in OPD cases of CCRH institutes/Units with aid of Vithoukass Compass Software: A pragmatic, data collection study"
26.	Clinical Research Unit(H) AYUSH Building, Opposite Office of Chief Medical Officer, Medical Colony Dimapur-797112 Nagaland	Dr. Prabin Kumar Shaw R.O(H)/S-1 9804852958 crudimapur1@gmail.com	Rented free accommodation provided by State Government (650 Sq.ft. approx..)	"Validation of Homoeopathic drugs of EDL prescribed in OPD cases of CCRH institutes/Units with aid of Vithoukass Compass Software: A pragmatic, data collection study"
27.	Clinical Verification Unit (H), 2nd Floor, S. Guru Govind Singh Hospital, Patna – 800008 Bihar	Dr. K. K .Avinash R.O(H)/S-1 0612-2631952 cvu02patna@gmail.com	Rented free accommodation provided by State Government (1500 Sq. ft. approx..)	<p>a) Clinical Research</p> <ol style="list-style-type: none"> Adjustment Disorder Patient Reported Outcome Measure Study (MYMOP) <p>b) Clinical Verification Research on 08 drugs</p> <p>c) "Validation of Homoeopathic drugs of EDL prescribed in OPD cases of CCRH institutes/Units with aid of Vithoukass Compass Software: A pragmatic, data collection study"</p> <p>d) Public Health Activities:</p> <ul style="list-style-type: none"> Mother & Child Health Care SC Health Camps

Table 3

Homoeopathic Treatment Centres		
1.	Room No. 139 & 140, 1st Floor, C Wing New OPD Building, Safdarjung Hospital, New Delhi -110029	011-26197986,011-26163072 htc_sjh@yahoo.co.in
2.	Lady Hardinge Medical College & Hospital, Near Sivaji Stadium, Panchkuian Road, Connaught Place, New Delhi-110001	011-25144144
3.	Delhi Cantonment Hospital, Sadar Bazaar, Delhi Cantt., New Delhi-110010	
4.	AYUSH Wellness Clinic Rashtrapati Bhawan	dr.rayccrh@gmail.com
5.	Delhi State Cancer Institute, Dilshad Garden, Delhi-110095	011-22110606 011-22110505
6.	Integrated AYUSH Clinic All India Institute of Ayurveda, Gautam Puri, Sarita Vihar, New Delhi-110076	

GENDER BUDGET

Most of the research studies conducted by the Council are gender neutral. There are two specific clinical research studies 'Breast Fibroadenoma ' & 'Polycystic Ovarian Syndrome' for women. In all the other clinical verification and Drug proving studies, the gender distribution is random.

Council has also constituted a Gender Budgeting Cell as per direction from Ministry of AYUSH to monitor gender specific issues.

Council has been conducting Mother and child Health Clinics since 2009- 10 at various Institutes/Units after National Campaign on Homoeopathy for Mother & Child care in the year 2007.

Details of the number of patients came for treatment in general/ special OPDs/IPD at Institutes of the Council, Swasthya Rakshan Programme, National Programme for Prevention and Control of Cancer, Diabetes, Cardiovascular Diseases & Stroke (NPCDCS) and Homoeopathy for Healthy child and percentage of female patients is given below:

Table 1

GENDER BUDGET 2018-19			
Programme	Total	No. of female patient	Women%
OPD/IPD	632203	366173	57.92
Swasthya Rakshan Programme	101006	61524	60.91
Homoeopathy for Healthy Child	6043	3202	52.98
Health camp under SCSP	104355	58672	56.22
NPCDCS	195650	117046	59.82
Total	1039257	606617	58.37



TECHNICAL REPORT

The Council has undertaken following research activities during the year (2018- 2019)

1. Survey, Collection and Cultivation of Medicinal Plants
2. Drug Standardization Research
3. Drug Proving Research
4. Clinical Verification Research
5. Clinical Research
6. Fundamental Research
7. Extra Mural Research

SURVEY, COLLECTION & CULTIVATION OF MEDICINAL PLANTS

CMPRH is the only center of Survey, Collection and Cultivation of Homoeopathic medicinal plants in India under CCRH, Ministry of AYUSH, Government of India, New Delhi. At present this center is cultivating about 75 plant species as the genome. In this center the cultivated plant materials are sent to various Drug Standardization Research centers under the Council for the preparation of mother tinctures.

The Nilgiri district is bestowed with a wide range of agro-climatic conditions that form a cradle land for the cultivation and maintenance of several exotic and indigenous medicinal plants. Most of the Homoeopathic medicinal plants are imported from various countries, if we introduce and cultivate the same we will get authentic raw drug and genuine medicines. Moreover, the excess raw drug can be supplied to the various Homoeopathic pharmaceutical industries for the preparation of medicines.

1. Raw Drug amples supplied to the Drug Standardization Centres at-

i) Dr. D.P. Rastogi Central Research Institute for Homoeopathy, Noida

Table 1: List of raw drugs supplied:

Sl. No.	Drug Name	Sl. No.	Drug Name
1.	<i>Achillea millefolium L.</i>	11.	<i>Iris florentina L.</i>
2.	<i>Adhatoda vasica Nees</i>	12.	<i>Jatropha curcas L.</i>
3.	<i>Anamirta cocculus (L.) Wt.&Arn.</i>	13.	<i>Lycopersicon esculantum L.</i>
4.	<i>Armoracia rusticana Gaert.</i>	14.	<i>Lycopodium clavatum L.</i>
5.	<i>Andrographis paniculata (Burm.f.) Nees</i>	15.	<i>Nyctanthus arbortristis L.</i>
6.	<i>Erigeron canadensis L.</i>	16.	<i>Ocimum sanctum L.</i>
7.	<i>Strychnos nux-vomica L.</i>	17.	<i>Sambucus nigra L.</i>
8.	<i>Vitex negundo L</i>	18.	<i>Taraxacum officinale (L.) Weber</i>
9.	<i>Malus pumila mill.</i>	19.	<i>Ficus carica L.</i>
10.	<i>Rumex crispus L</i>	20.	<i>Syzigium jambos (L.) Alston</i>
		21.	<i>Plectranthus fruticosus</i>

ii) DSU-Hyderabad: -

Table 2 : List of Raw drug supplied:

Sl. No.	Drug Name	Sl. No.	Drug Name
1.	<i>Apium graveolens L.</i>	2.	<i>Iris Florentina L.</i>

(iii) HPL Ghaziabad: -

Table 3: List of raw drug supplied:

Sl. No.	Drug Name	Sl. No.	Drug Name
1.	<i>Chamaecyparis lawsoniana</i>	6.	<i>Juniperus virginiana L.</i>
2.	<i>Cuscuta reflexa Roxb.</i>	7.	<i>Malus pumila Mill.</i>
3.	<i>Ficus Carica L.</i>	8.	<i>Plectranthus decanicus Briq.</i>
4.	<i>Galinsago parviflora cav.</i>	9.	<i>Prunus persica (L.) Batch.</i>
5.	<i>Heliotropium arborescens L.</i>		

2 Cultivation of Medicinal Plants in the experimental garden of CMPRH:

The Council is having its own research garden spreading over an area of 12.7 acres of land for the cultivation and maintenance of exclusively of Homoeopathic plant based raw material. Currently 75 plant species (61 Exotic and 14 Indigenous) are being cultivated under large scale and experimental cultivation.



Bird eye view of CMPRH

The different species are under conservation cum germplasm collection at demonstration plots for preservation, multiplication, seed production as continue process to promote plantation. These species are being maintained as reference species useful in Homoeopathy.

Table 4 : EXOTIC Homoeopathic Medicinal plants cultivated/ maintained as germplasm collection at CMPRH, Ooty

Sl. No.	Name of Plants	Sl. No.	Name of Plants
1.	<i>Achillea millefolium</i>	14.	<i>Beta vulgaris</i>
2.	<i>Agave americana</i>	15.	<i>Chrysanthemum leucanthemum</i>
3.	<i>Agropyron repens</i>	16.	<i>Chrysanthemum parthenium</i>
4.	<i>Ammi visnaga</i>	17.	<i>Cinchona officinalis</i>
5.	<i>Anagalis arvensis</i>	18.	<i>Cineraria maritima</i>
6.	<i>Apium graveolens</i>	19.	<i>Datura arborea</i>
7.	<i>Argemone ochroleuca</i>	20.	<i>Digitalis purpurea</i>
8.	<i>Armoracia rusticana</i>	21.	<i>Erigeron canadensiss</i>
9.	<i>Artemisia annua</i>	22.	<i>Eschscholtzia californica</i>
10.	<i>Artemisia dracunculus</i>	23.	<i>Exogonium purga</i>
11.	<i>Asclepias curassavica</i>	24.	<i>Fagopyrum esculentum</i>
12.	<i>Asparagus officinalis</i>	25.	<i>Fragaria vesca</i>
13.	<i>Bryophyllum calycinum</i>	26.	<i>Fumaria officinalis</i>

Sl. No.	Name of Plants	Sl. No.	Name of Plants
27.	<i>Ginkgo biloba</i>	45.	<i>Sarothamnus scoparius</i>
28.	<i>Hedera helix</i>	46.	<i>Saccharum officinarum</i>
29.	<i>Heliotropium peruvianum</i>	47.	<i>Salvia officinalis</i>
30.	<i>Iris germanica</i>	48.	<i>Sambucus nigra</i>
31.	<i>Iris florentina</i>	49.	<i>Santolina chamaecyparissus</i>
32.	<i>Lycopersicum esculentum</i>	50.	<i>Silybum marianum</i>
33.	<i>Magnolia grandiflora</i>	51.	<i>Solanum nigrum</i>
34.	<i>Melissa officinalis</i>	52.	<i>Symphytum officinale</i>
35.	<i>Mentha piperita</i>	53.	<i>Taraxacumofficinale</i>
36.	<i>Mentha spicata</i>	54.	<i>Thymus vulgaris</i>
37.	<i>Oenothera biennis</i>	55.	<i>Trifolium pretense</i>
38.	<i>Origanum majorana</i>	56.	<i>Trifolium repens</i>
39.	<i>Pastinaca sativa</i>	57.	<i>Tropaeolum majus</i>
40.	<i>Petroselinum crispum</i>	58.	<i>Verbascum thapsus</i>
41.	<i>Prunus persica</i>	59.	<i>Viola odorata</i>
42.	<i>Raphanus sativa var. nigra</i>	60.	<i>Viola tricolor</i>
43.	<i>Rosmarinus officinalis</i>	61.	<i>Yucca filamentosa</i>
44.	<i>Rumex acetosella</i>		



Eschscholtzia californica



Tropaeolum majus



Rosmarinus officinalis



Fragaria vesca



Chrysanthemum leucanthemum



Oenothera biennis



Mentha spicata



Thymus sepyllum



Santolina chamaecyparissus

Table 5: INDIGENOUS Homoeopathic medicinal plants cultivated at the Research garden.

Sl. No.	Name of Plants	Sl. No.	Name of Plants
1.	<i>Acorus calamus</i>	8.	<i>Datura metel</i>
2.	<i>Adhatoda vasica</i>	9.	<i>Datura stramonium</i>
3.	<i>Andrographis paniculata</i>	10.	<i>Gymnema sylvestre</i>
4.	<i>Centella asiatica</i>	11.	<i>Plectranthus fruticosus</i>
5.	<i>Citrus aurantium</i>	12.	<i>Polygonum punctatum</i>
6.	<i>Coleus forskohlii</i>	13.	<i>Syzygium cumini</i>
7.	<i>Curcuma longa</i>	14.	<i>Vetiveria zizanioides</i>



Coleus forskohlii



Plectranthus fruticosus



Datura metel



Datura stramonium

3. Nursery Development:-

- I. Nursery for 2000 Nos. of vegetative propagation of *Rosmarinus officinalis* (V.P. clones) and 1000 Nos. of *Cineraria maritima* (V.P. clones) cuttings has been developed.
- II. The rigid poly house has been used for the raising seedlings of various homoeopathic medicinal plants for further extension of areas as cultivable and the maintenance of germplasm. The seeds of *Apium graveolens*, *Geranium graveolens*, *Petroselinum crispum*, *Digitalis purpurea* and cutting of *Rosmarinus officinalis* and *Pyrus malus* have been sown in nursery bed on 12.02.2019. All seeds are germinated, and cuttings are rooted well. The date of germination/rooting and growth condition are being recorded.

4. Transplanting of Seedlings to Field:-

To develop more areas as cultivable field, the 500 seedlings of *Achillea millefolium*, 1000 rooted cuttings of *Cineraria maritima* and 1000 rooted saplings of *Rosmarinus officinalis* have been transplanted in the area.

The raised seedling of *Digitalis purpurea* and *Apium graveolens* have been transplanted from nursery to field. All the germinated seeds are healthy and ready to transfer to field.

5. Herbarium work:

- Total 112 herbarium sheets containing 52 plants have been identified, mounted, stitched and labelled.
- Total 164 herbarium sheets have been accessioned bringing the total number of herbarium specimens present in accession register to 9885.



6. Sale of Raw Drug Plant Materials:

Total the raw drug plant materials in fresh and dry form were sold for amount of 1,10,600/- (One lakh ten thousand and six hundred only) during the reporting period.

7. Visitors to Research Garden: -

Various academicians, research scholars and students from different disciplines and homoeopathic medical college students have visited the Research garden.

1. Mr. Sathis Kumar, Assistant Professor, Department of Medical Anatomy, Adhiparasakthi Medical College, Melmaruvathur, Visited this office and herbal garden on 11.05.2018.
2. Dr. B.B. Balaji Praksh, Professor and Head, Government Homoeopathic Medical College, Kadappa, (A.P) and 1st BHMS students visited our herbal garden on 11.08.2018.
3. Mr. K. Rajendran, Assistant Director of Horticulture, Coonoor, visited the herbal garden on 16.05.2018 and appreciated the cultivation of various exotic medicinal plants.
4. Mr. Abhishek Singhania, Indian Institute of technology (IIT), Chennai visited the research garden on 20.06.2018.
5. Ms. Anusha, Research scholar, Emerald Heights College, Udhagamandalam, visited this office on 23.06.2018 for her project work reference.
6. Mr. B.R. Narayana Swamy, Chief Executive Officer (CEO), Agro forestry from, Coimbatore visited CMPRH on 01.07.2018 to see the cultivation and maintenance of various medicinal plants and germplasm collections.
7. Head Master and Students of government Athidravider Middle School, Thakkar Baba Nagar, Emerald visited this herbal garden on 15.05.2018.
8. B. pharm AIMST University Malaysia Batch II, Staff, along with 22 Students visited this office and herbal garden on 05.08.2018.
9. Dr. Stuffu, Dr. Senthil, Dr. N. Preethi, Assistant Professor, Department of Matura Medica along with 1st BHMS students of R.V.S. Homoeopathy Medical College and Hospital, Suler, Coimbatore visited this herbal garden on 14.08.2018.
10. Dr. P. Suresh kumar, Professor, Department of Biotechnology (IT), Anna University, Tiruchirapalli visited this office and herbal garden on 04.09.2018.
11. Dr. Richard Summers, GATROBE University, Bendigo, Australia along with 5 Pharmacy students visited this office and herbal garden on 14.08.2018.
12. Mrs. Shubashru Dasikan & Peer Mohamad (The Hindu) Editors, visited this office and herbal garden on 26.09.2018.
13. Mr. Vanaprastha, Mr. Lakshmi Naryanpathy, Mr. Vivek Lajapathie, Coimbatore visited this office and herbal garden on 03.10.2018.
14. Mr. S. Venkatesh and Mr. H.B. Sivakumar, Traders from Mettupalayam visited this office and herbal garden on 12.10.2018.
15. Mr. D. Prabakaran, Mr. Gopinath Joghee, Gandhipuram, Coimbatore visited this office and herbal garden on 14.11.2018.
16. Miss. Asha Jose Ph.D Scholar along with family, JSS college of Pharmacy, Udhagamandalam visited this office and herbal garden on 26.11.2018.
17. Dr. Paulraj, IFS (Ret.) Former G.M. Tampococ. E.. Secretary, CSPT, Chennai visited this office and herbal garden on 01.02.2019.

18. Dr. M. Arumugam Emeritus fellow, Department of Zoology, University of Madras, Gundy Campus Chennai visited this office and herbal garden on 01.02.2019.

8. National Seminar on Medicinal Plants used in Homoeopathic System (NSMPH-2019)

Centre of Medicinal Plants Research in Homoeopathy (Central Council for Research in Homoeopathy, Ministry of AYUSH, Govt. of India), the Nilgiris District, Tamilnadu, CMPRH, Emerald organized two days National Seminar on “**Medicinal Plants used in Homoeopathic System: Cultivation, Standardization and Quality Control in India**” on dated 23rd-24th March 2019 at Hotel Kluney Manor, Ooty. The seminar was sponsored with financial support by National Medicinal Plants Board (NMPB).

A total of 26 oral presentation and 46 poster presentation were made in the seminar. There were 14 technical sessions on the following themes

- ❖ Plant Drug Sources - An Essentiality for Holistic System of Medicine
- ❖ Standardization, Safety and Quality Control of medicinal plants used in homoeopathic
- ❖ Conservation, Germplasm, development of agrotechniques of medicinal plants
- ❖ Medicinal Plants, Germplasm Quality Control
- ❖ Pharmacognosy, Phytochemistry and Pharmacology
- ❖ Indian regulatory standards of medicinal plants used in homoeopathy

The seminar was organized to sensitize, educate and deliberations on the advances in current trends in taxonomy, identification, quality control and standardization of homoeopathic medicines.



Releasing of Souvenir in National Seminar on Medicinal Plants used in Homoeopathic System (NSMPH-2019)



Attendees at the National Seminar

DRUG STANDARDISATION

Drug Standardization Studies

Drug Standardization ensures quality, safety and efficacy of a drug. Pharmacognostical and Physico-chemical studies are conducted to study the diagnostic, qualitative and quantitative characteristics of drugs.

The Pharmacognostic studies include the macro and microscopically characteristics of raw drugs of vegetative origin. The physico-chemical analysis helps to determine the physical and chemical constituents of the drug.

The studies are being carried out at the Dr. D.P Rastogi Central Research Institute (H), Noida and Drug Standardisation Unit (H), Hyderabad for Pharmacognostical and Physico-chemical evaluation of Homoeopathic drugs. The Council has so far established pharmacognostical standards on 317 drugs, physico-chemical standards on 336 drugs and pharmacological standards on 151 drugs which include plants, chemicals, minerals and animal sources. One hundred forty-nine (149) drugs have been studied in all the three aspects. The details of work done during the reporting period is as follows:

A.) Standardization work undertaken: -

The Council has undertaken studies on laying down the standards for following 19 drugs under Drug Standardization program of Council for the year 2018-19 for standardization parameters i.e. Pharmacognostic, Physico-chemical and (Finished Product Standards) FPS studies: -

Table 1

S. No.	Drug Name	Studies undertaken	
		Pharmacognostic study	Physico-chemical study
1.	<i>Staphysagria (Delphinium staphisagria)</i>	√	√
2.	<i>Robinia pseudoacacia</i>	√	√
3.	<i>Sarsaparilla</i>	√	√
4.	<i>Secale cornatum</i>	√	√
5.	<i>Strophanthus hispidus</i>	√	√
6.	<i>Viburnum prunifolium</i>	√	√
7.	<i>Passiflora incarnata</i>	√	√
8.	<i>Myrica cerifera</i>	√	√
9.	<i>Scutellaria lateriflora</i>	√	√
10.	<i>Viscum album</i>	√	√
11.	<i>Sabal Serrulata</i>	-	√
12.	<i>Sterculia accuminata</i>	-	√
13.	<i>Ratanhia</i>	-	√
14.	<i>Salix nigra</i>	-	√
15.	<i>Phytolacca</i>	-	√
16.	<i>Sabina</i>	-	√
17.	<i>Scrophularia nodosa</i>	-	√
18.	<i>Veratrum album</i>	-	√
19.	<i>Glycosmis pentaphylla</i>	-	√
20.	<i>Iris florentina</i>	-	√

B.) Homoeopathic Pharmacopoeia of India- Revision/Up-gradation:-

- The revision and up-gradation of the Homoeopathic Pharmacopoeia of India (Vol. I to X) have been initiated to bring it at par with other international pharmacopoeias as per Essential Drug List (EDL), since 2014. The drugs which are used by the profession have been taken up first for revision of their profile at:
 1. Drug Standardization Unit (H), Hyderabad, Telangana
 2. Dr. D.P Rastogi Central Research Institute (H), Noida, U.P.
 3. Homoeopathic Pharmacopoeia Laboratory, Ghaziabad, U.P.
- During the reporting period, the revision work on 27 drugs of plant origin, 11 Chemical Origin and 02 of animal origin have been undertaken with respect to Pharmacognostic and Physico- chemical aspect and FPS studies: -

Table 2: Drugs of Plant origin

S. No.	Drug Name	Studies undertaken	
		Pharmacognostic study	Physico-chemical study
1.	<i>Carbo vegetabilis</i>	√	√
2.	<i>Cephalandra indica</i>	√	√
3.	<i>Cinchona officinalis</i>	√	√
4.	<i>Citrullus colocynthis</i>	√	√
5.	<i>Cochlearia armoracia</i>	√	-
6.	<i>Coffea cruda</i>	√	√
7.	<i>Cretaegus oxycantha</i>	√	-
8.	<i>Curcuma longa</i>	√	√
9.	<i>Digitalis purpurea</i>	√	√
10.	<i>Eucalyptus globulus</i>	-	√
11.	<i>Ficus religiosa</i>	-	√
12.	<i>Fraxinus americanus</i>	√	-
13.	<i>Gaultheria procumbens</i>	√	-
14.	<i>Ginkgo biloba</i>	√	-
15.	<i>Gossypium herbaceum</i>	√	√
16.	<i>Gymnema sylvestre</i>	√	√
17.	<i>Holarrhena antidysenterica</i>	√	√
18.	<i>Hydrocotyle asiatica</i>	√	√
19.	<i>Hygrophila spinosa</i>	√	√
20.	<i>Hyoscyamus niger</i>	√	-
21.	<i>Hypericum perforatum</i>	√	-
22.	<i>Ipecacuanha</i>	√	√
23.	<i>Janosia ashoka</i>	√	√
24.	<i>Justicia adhatoda</i>	√	√
25.	<i>Ledum palustre</i>	√	-
26.	<i>Mangifera indica</i>	√	√
27.	<i>Mentha piperita</i>	√	√

√ - Complete

-- under process

Table 3: Drugs of Chemical Origin:

S. No.	Drug Name	Status
1.	<i>Chininum arsenicosum</i>	√
2.	<i>Chininum sulphuricum</i>	√
3.	<i>Cholesterinum</i>	√
4.	<i>Colchicinum</i>	√
5.	<i>Cuprum arsenicosum</i>	√
6.	<i>Ferrum metallicum</i>	√
7.	<i>Ferrum phosphoricum</i>	-
8.	<i>Graphites</i>	√
9.	<i>Hepar sulphur</i>	√
10.	<i>Iodium</i>	√
11.	<i>Kali bichromicum</i>	√

Table 4: Drugs of Animal origin

S. No.	Drug Name
1.	<i>Formica rufa (Red ant)</i>
2.	<i>Carbo animalis</i>

C.) Studies undertaken for XIth Volume of Homoeopathic Pharmacopoeia of India (HPI):-

There are ten volumes of HPI consisting of 1111 drugs till date. Council has undertaken the work (11 drugs of plant origin and 06 drugs of chemical origin) for XIth Volume with all the standardization parameters i.e. Pharmacognostic, Physico-chemical and (Finished Product Standards) FPS studies and the monographs have been prepared as per new template of PCIM&H for inclusion in XIth Volume of HPI.

All 17 Monographs have been vetted during the monographs review meetings with respect to pharmacognosy and physico-chemical aspects and corrected as per suggestions of subject experts.

Table 5: Monographs on drugs of Plant & Chemical origin vetted:

S. No.	Drugs of plant origin	S. No.	Drugs of Chemical origin
1.	<i>Brynopsis laciniosa</i>	1.	<i>Mentholum</i>
2.	<i>Bryophyllum calycinum</i>	2.	<i>Chlorpromazinum</i>
3.	<i>Datura ferox</i>	3.	<i>Urea pura</i>
4.	<i>Ephedra vulgaris</i>	4.	<i>Methylene blue</i>
5.	<i>Ficus carica</i>	5.	<i>Plumbum iodatum</i>
6.	<i>Lobelia erinus</i>	6.	<i>Mercurius sulphuricum</i>
7.	<i>Plectranthus fruticosus</i>		
8.	<i>Pyrus malus</i>		
9.	<i>Quassia amara</i>		
10.	<i>Rosa damascena</i>		
11.	<i>Syzygium jambolanum</i>		
Total =17			

D.) Studies undertaken for HPTLC ATLAS work of Homoeopathic drugs:

The chemo-profiling work of homoeopathic medicinal plants have been initiated in 2018 with the aim to create a database of homoeopathic plants with respect to marker compounds and other phytoconstituents present in the plants. Using modern analytical techniques including chromatographic

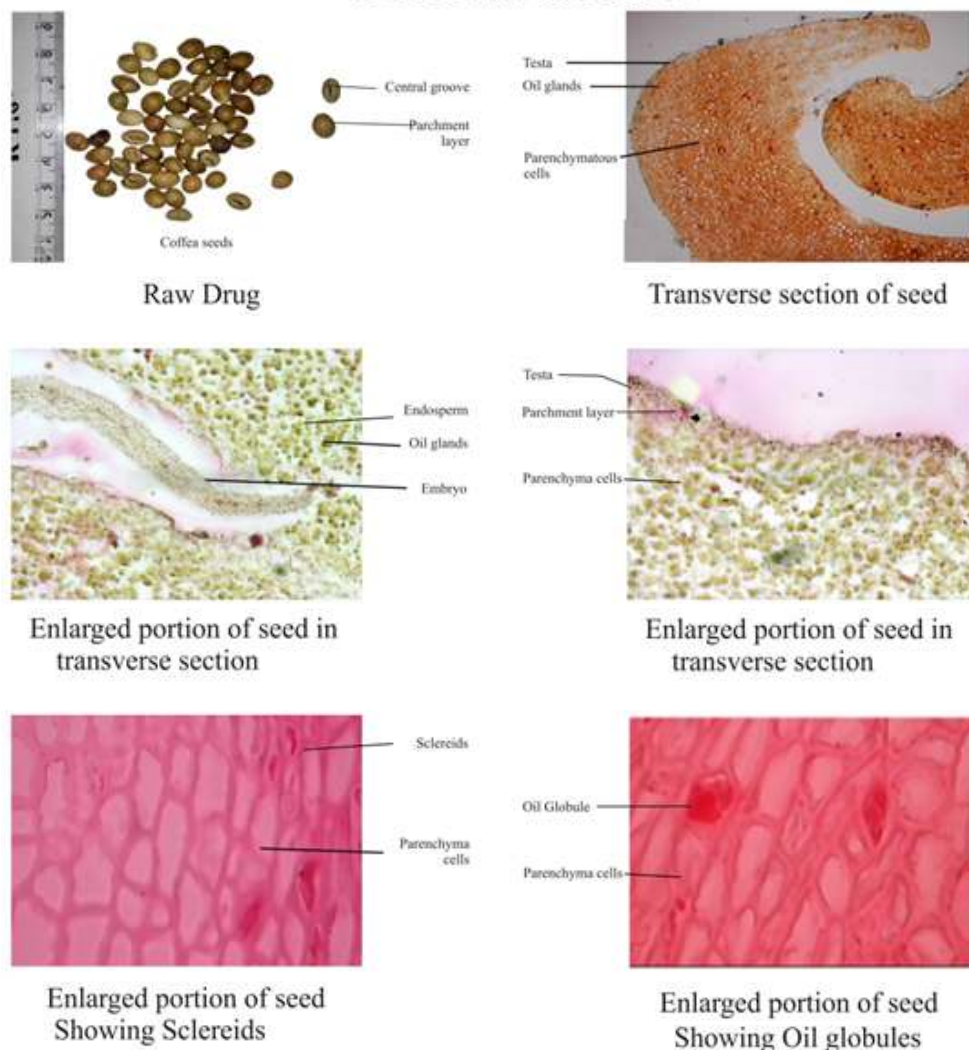
ones, the well-developed quality standards will be achieved through systematic evaluation of the plant material. Preparation of HPTLC ATLAS with the chromatographic parameters have been completed for 17 homoeopathic medicinal plants.

Table 6: HPTLC ATLAS for Homoeopathic Medicinal Plants

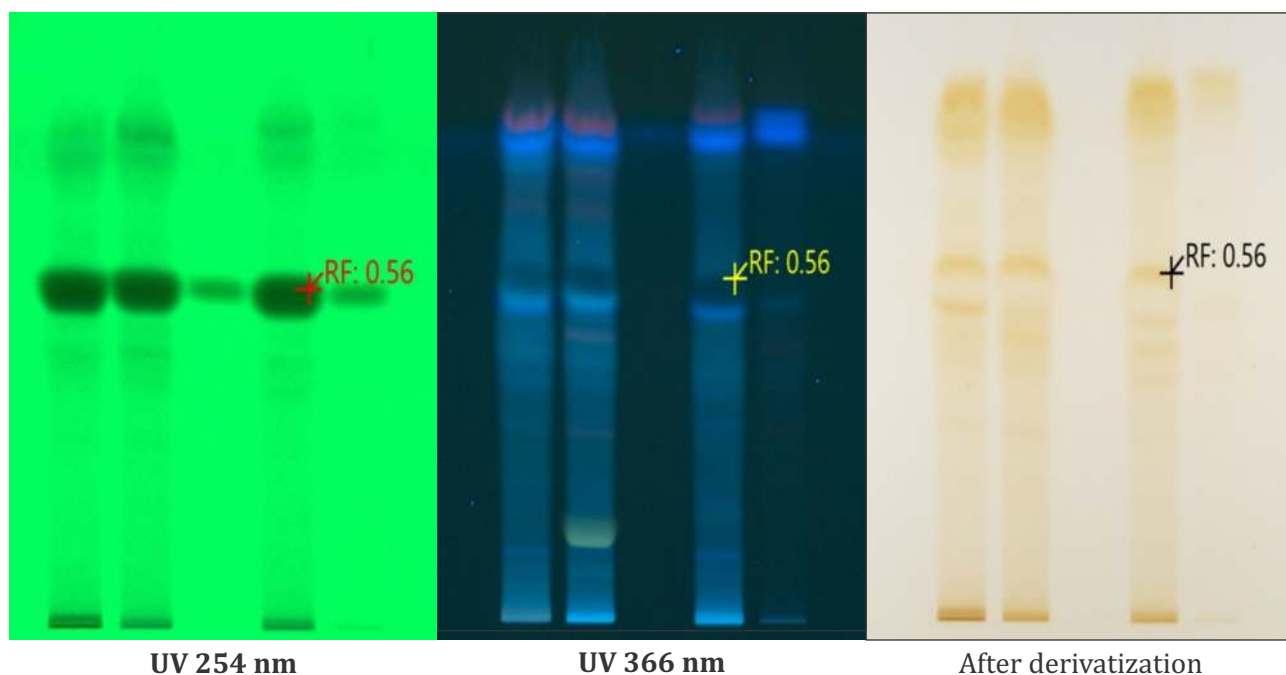
S. No.	Drugs of plant origin	S. No.	Drugs of Chemical origin
1.	<i>Bryonopsis laciniosa</i>	10.	<i>Leucas aspera</i>
2.	<i>Bryophyllum calycinum</i>	11.	<i>Lobelia erinus</i>
3.	<i>Cinchona officinalis</i>	12.	<i>Mangifera indica</i>
4.	<i>Curcuma longa</i>	13.	<i>Plectranthus fruticosus</i>
5.	<i>Datura ferox</i>	14.	<i>Pyrus malus</i>
6.	<i>Digitalis purpurea</i>	15.	<i>Quassia amara</i>
7.	<i>Ephedra vulgaris</i>	16.	<i>Rosa damascena</i>
8.	<i>Ficus carica</i>	17.	<i>Syzygium jambolanum</i>
9.	<i>Ipecacuanha</i>		

Annexure II B

COFFEA CRUDA



Pharmacognostical and Physico-chemical studies carried out for *Coffea cruda*



HPTLC of *Coffea cruda*

Pharmacological work:

- Standardization models for the studies to be undertaken in respect of pharmacological activity of homoeopathic medicines on Zebrafish have also been initiated. And embryo toxicity in Zebra- fish- 7 medicine.
- Antimicrobial study “Evaluation of antifungal activity of 15 Homoeopathic medicines on the growth of human pathogenic strain *Candida albicans*, *Microsporium canis* and *Aspergillus niger* in SDA media” and “Evaluation of antibacterial activity of 04 homoeopathic medicines on the growth of human pathogenic Bacteria *E. coli*”, *Proteus mirabilis* and 03 homoeopathic medicine on *K. pneumonia* has been completed.

HOMOEOPATHIC PATHOGENETIC TRIAL (DRUG PROVING)

The challenge of finding a simple drug substance to treat complex diseases in a dynamic living system is incredible. The very foundation of Homœopathy is based on the action of drug substances on healthy human beings and therefore, the earliest experiments conducted in Homœopathy were those of Drug Proving. Experiments of drugs on healthy human beings (provings), elicit the finer symptoms of the drug as compared to the gross toxicological symptoms evident from animal studies, is a unique contribution of Homœopathy to the science of pharmacology in general and Homœopathic Materia Medica in particular.

In 1963, the Homœopathic Research Committee was constituted which initiated the process of organized homœopathic research and identified priority research areas, wherein drug proving was considered one of the important areas of research. The Central Council for Research in Homœopathy (CCRH) was formed in 1978 and has undertaken it as a continuing research programme since its inception with its focus on proving of fragmentarily proved drugs and indigenous drugs whose standardization studies (physico-chemical and pharmacognostic parameters) has been completed. Recently it has been proposed that homoeopathic dilutions of commonly used allopathic drugs whose toxicological studies have been done and have known side effects should be taken up for drug proving research trials.

The first drug proving protocol was developed in 1987, based on double blind, randomized, multicenter design and has been revised taking into consideration positive leads from protocols followed by different international homoeopathic organizations. Till date proving of 114 drugs have been completed which includes 85 of plant source, 09 animal source, 18 chemical source, 01 sarcode and 01 nosode.

The Drug Proving Research programme is being conducted at following eight centres of the Councils involving homoeopathic medical colleges:

1. Dr. D. P. Rastogi Central Research Institute (H), NOIDA (Uttar Pradesh)
2. National Homoeopathy Research in Institute Mental Health Kottayam (Kerala)
3. Homoeopathic Drug Research Institute, Lucknow (Uttar Pradesh)
4. Dr. Anjali Chatterjee Regional Research Institute (H), Kolkata (West Bengal)
5. Regional Research Institute (H), Gudivada (Andhra Pradesh)
6. Regional Research Institute (H), Navi Mumbai (Maharashtra)
7. Extension Unit of Regional Research Institute (H), Puri at Dr. A. C. Homoeopathic Medical College & Hospital, Bhubaneswar (Odisha)
8. Regional Research Institute (H), Jaipur (Rajasthan)

Apart from this the Council has extended Technical support in form of sharing the Drug Proving Research protocol, conducting orientation lectures/workshops, providing coded investigational drug substance to the Homoeopathic medical colleges for conducting Homoeopathic Pathogenetic Trials independently at their respective institutes.

WORK DONE DURING THE REPORTING YEAR

In the year 2018-19, five coded drugs (133, 134, 135, 136 and 137) were assigned at eight (08) drug proving centers involving 256 provers. In the reporting year the homoeopathic pathogenetic trial for these coded drugs is on-going at different stages at various drug proving centers. Status of the homoeopathic pathogenetic trials for the coded drugs assigned in reporting year and previous years is mentioned in Table 1.

One meeting i.e. 9th meeting of the Special Committee of Homoeopathic Pathogenetic Trial (SC HPT or SCDP) and one meeting i.e. 61st meeting of Scientific Advisory Committee (SAC) was held during the reporting period. The important recommendations and decisions are mentioned in Table 2.

Drug proving trials of ten (10) coded drugs (assigned in 2016-17 and 2017-18) was carried forward in the reporting year and out of these ten, trials of eight (08) coded drugs were completed in the reporting period. The proving data of three (03) drugs namely *Cucurbita pepo*, *Oenothera biennis* and *Coleus forskohlii* were approved by SC HPT during the reporting period and one (01) drug was recommended for re-proving due to paucity of symptoms. The recommendations made in the 9th meeting of SC HPT were submitted to be placed in the forthcoming meeting (63rd) of Scientific Advisory Board (SAB). The information about the name of the drug, code number, names of drug proving centers, number of provers and number of pathogenetic symptoms produced during proving are given in Table 3.

The SAC in its 61st meeting approved the recommendations of SC HPT made in its 8th meeting for the proving data of two drugs, namely *Mimosa pudica* and *Solanum xanthocarpum*. The details of the outcome will be published in the form of research articles/monographs etc.

During the reporting year “Susceptibility Assessment questionnaire” for provers was introduced from October 2018. This questionnaire is filled for 77 provers in the reporting year.

Table 1: Assignments for the year 2018-19

Sl. No.	Drug code	Fresh assignment/ Reproving/Carried forward	year of Completion	Status
1.	107	2016-17 (re-proving) Initiated 21.04.16 Completed 28.07.18	2018-19	Proving data under compilation
2.	109	2016-17 (re-proving) Initiated 07.01.17 Completed 09.01.18	2017-18	Compiled proving data was approved in the 9 th meeting of SC HPT and placed for approval in the 63rd meeting of SAB
3.	112	2016-17 (re-proving) Initiated 17.11.16 Completed 30.09.18	2018-19	Proving data under compilation
4.	120	2017-18 (re-proving) (Initiated 24.07.17 Completed 21.12.18	2018-19	Proving data under compilation
5.	124	2017-18 (re-proving) Initiated 05.08.17 Completed 31.01.19	2018-19	Proving data under compilation
6.	127	2016-17 Initiated 30.03.16 Completed 03.01.18	2017-18	Compiled proving data was approved in the 9 th meeting of SC HPT and placed for approval in the 63 rd meeting of SAB
7.	129	2016-17 & 2017-18 Initiated 10.08.16 Completed 28.07.18	2018-19	Compiled proving data was approved in the 9 th meeting of SC HPT and placed for approval in the 63 rd meeting of SAB
8.	130	2017-18 Initiated 12.04.17 Completed 15.10.18	2018-19	Compiled proving data was approved in the 9 th meeting of SC HPT and placed for approval in the 63 rd meeting of SAB
9.	131	2017-18 Initiated 16.08.17	On-going	Noida, Lucknow –completed. On-going at 2 centers.
10.	132	2017-18 Initiated 16.08.17	On-going	Bhubaneswar, Noida –completed. On-going at 2 centers.
11.	133	Fresh assignment (2018-19)	On-going	On-going at 3 centers.
12.	134	Fresh assignment (2018-19)	On-going	On-going at 3 centers.
13.	135	Fresh assignment (2018-19)	On-going	On-going at 3 centers.
14.	136	Fresh assignment (2018-19)	On-going	On-going at 3 centers.
15.	137	Fresh assignment (2018-19)	On-going	On-going at 3 centers.

Table 2: Important meetings held in reporting year

Meeting	Salient outcome
<p>9th meeting of Special Committee of Homoeopathic Pathogenetic Trial (Drug Proving), held on 28th March 2019 at CCRH Hqrs.</p>	<ul style="list-style-type: none"> • The committee assessed the effect of increased number of doses to '28' and increased number of pills to '12' for 2 drugs under gone reproving. • The committee recommended that drug proving software may be developed through software developing firm. • The committee appreciated the efforts made by the Council for involving few more Homoeopathic Medical Colleges in conducting Drug Proving research. • Committee recommended that a rationale must be given whenever the drugs are suggested to be taken up for proving. • The committee appreciated efforts of the Council in developing such assessment tools like susceptibility assessment questionnaire which is useful in Homoeopathy. The committee also recommended for a pilot study on sensitivity of provers to be conducted at a time in all 8 drug proving centers. • The committee suggested that Naranjo criteria for ADR may be modified to establish the causality relation of homoeopathic drugs in drug proving. • The committee discussed the concerns raised by the various committees (Special Committee of Drug Standardisation, Scientific Advisory Committee, Special Committee of Drug Proving, HPC and few other expert groups meetings) for the safety aspects of the Mycobacterium tuberculosisnososde, First safe dose, possible effects of immunological profile in its potentised form has not been taken up. • Certain issues were raised regarding Authoritative literature, Survey of Proving information, monitoring of drug sources, non-reproducibility of proving symptoms etc. and it was suggested that there should be a regulation regarding the starting source and preparation of the drug substance. <p>Few other suggestions made by the committee:</p> <ol style="list-style-type: none"> 1. During proving if any prover is given an antidote that prover should be dropped from the trial. 2. Students of 3rd and 4th year should be involved in drug proving research trials. 3. Each proving should have provers of different age groups as far as possible.
<p>61st meeting of Scientific Advisory Committee, held on 11th – 12th April 2018 at CCRH Hqrs.</p>	<ul style="list-style-type: none"> • The committee approved the recommendations as mentioned in the minutes of the 8th meeting of SC HPT. • The Committee desired that for the development of Software for Drug Proving a functional model should be prepared and tested before the application of the software for Drug Proving Research Programme. • The Committee approved the recommendation that Serum of the volunteers/provers will be preserved before and after the trial. The serum may be collected during the trial in case the prover develops symptoms at any stage during the trial. This serum may be used for carrying out any relevant investigation, if required. • The Committee approved the recommendation that an advice may be sought from Pharmacological advisor before taking up for Drug proving of EMTACT nosode.

Table 3: Details of drugs whose proving data has been approved during reporting period

S. No.	Name of the Drug (Drug code)	Name of centres and year of assignment	Number of provers (Male and Female)	Pathogenetic symptoms
1.	<i>Cucurbita pepo</i> (109)	HDRI, Lucknow DPU, Bhubaneswar DAC RRI, Kolkata (2016-17)	46 (M=25, F=21)	177
2.	<i>Oenothera biennis</i> (127)	DAC RRI (H), Kolkata DDPRCRI (H), Noida DPU, BhubaneswarRRI(H), Gudivada (2016-17)	65 (M=31, F=34)	199
3.	<i>Coleus forskohlii</i> (129)	RRI (H),Navi Mumbai (2017-18) HDRI, Lucknow DDPRCRI (H), Noida DPU, Bhubaneswar RRI (H) Jaipur (2016-17)	83 (M=40, F=43)	46
4.	130*	DPU, Bhubaneswar HDRI, Lucknow RRI (H), Gudivada RRI (H) Jaipur (2017-18)	60 (M=37, F=23)	22 (Due to paucity of symptoms, recommended for reproving)

*Drugs yet to be unblinded

CLINICAL VERIFICATION RESEARCH

Verification of drug symptoms give more reliability and helps us in creating an authentic Materia Medica. Central Council for Research in Homoeopathy has been conducting clinical verification studies of indigenous, rare and fragmentarily proved drugs since its inception in 1975. Some of these drugs are first proved by CCRH. The programme is multicentric, as per open clinical trial design in which patients are enrolled from O.P.D. as and when they come, on confirmation of inclusion criteria in accordance with the protocol. The primary objective of the study is to clinically verify the symptomatology of the drug as observed during proving or as mentioned in source literature. The secondary objective is to ascertain the clinical symptoms that did not appear during the proving but were improved in the patients after its administration, either completely or partially. The homoeopathic medicines are prescribed on the basis of symptom similarity. The individualistic symptoms of each case are evaluated as per the Materia Medica & Repertorial index especially devised for the programme from the proving data.

Clinical Verification of symptomatic data of 118 drugs have been conducted so far. It includes 78 remedies of plant origin, 27 remedies of chemical origin, 10 remedies of animal origin, 02 nosodes and 01 sarcode.

Thousands of proving symptoms have been verified multicentrically in atleast 09 to 16 centres in over 20,000 study participants in this flagship programme of the Council. Currently 8 more drugs proved by the Council are being verified.

Recent advances in clinical verification programme

The Council has revised its Clinical Verification protocol in 2018 by including scales to assess patient and remedy reactions. The notable inclusions were MYMOP2 (Measure yourself medical outcome profile) for assessing clinical changes among literate homoeopathic patients who present with a variety of symptoms and clinical conditions, ORIDL (Outcome in Relation to Impact On Daily Living) to measure patient's views of the outcome of their medical care by asking about changes and relating this to impact on daily life, homoeopathic general questionnaire for assessing the important changes caused by illness and revised Modified Naranjo Criteria as proposed by the HPCUS Clinical Data Working Group (status December 2015) for assessing the causal attribution of change (i.e., attribution of observed changes to a particular remedy) after homoeopathic prescriptions in conformation with international standards. The classification of result following the above scale will be done if a causal relationship is likely. The ongoing study of 8 drugs from 2018 is following this improvised protocol.

ONGOING STUDIES

Title- 'A multicentric clinical verification study on 08 drugs proved by the Council with Prognostic Factor Research'.

The primary objective of the study is to verify the proving symptoms of new 08 drugs (Drug proving conducted by the Council) listed in Table 4 and the secondary objective is to ascertain the clinical symptoms, if found in response to these respective drugs.

Concluded studies of the 23 drugs from the previously concluded clinical verification projects, the data on 22 drugs have been collected.

Table 1: Patients enrolled between April 2018 –November 2018

Institute/Unit	Drug list	No. of patients enrolled for the reporting period	Cumulative target achieved since inception of the project in 2014 till November 2018
1. RRI (H), Agartala	1. <i>Allium sativum</i>	09	206
2. DDPRCRI (H), Noida	2. <i>Amoora rohituka</i>	05	616
3. RRI (H), Gudivada	3. <i>Asclepias curassavica</i>	07	459
4. RRI (H), Guwahati	4. <i>Avena sativa</i>	31	170
5. RRI (H), Imphal	5. <i>Azathioprine</i>	01	337
6. RRI (H), Puri	6. <i>Buxus sempervirens</i>	06	432
7. RRI (H), Shimla	7. <i>Caesalpinia bonducella</i>	01	156
8. CRU (H), Chennai	8. <i>Cardiospermum halicacabum</i>	22	119
9. DACRRI(H), Kolkata	9. <i>Cyclosporine</i>	02	278
10. HDRI, Lucknow	10. <i>Cynara scolymus</i>	12	493
11. CVU (H), Patna	11. <i>Foeniculum vulgare</i>	07	347
12. CRU(H), Portblair	12. <i>Gymnema sylvestre</i>	02	231
13. Ext. Unit, RRI(H), Puri (Bhubaneswar)	13. <i>Hygrophilla spinosa</i>	06	645
	14. <i>Magnolia grandiflora</i>	07	413
	15. <i>Persea americana</i>	03	206
	16. <i>Psoralia corylifolia</i>	29	156
	Total	150	5264

Drug wise data of the symptoms and clinical conditions verified of the ongoing 16 drugs during the reporting period is given below in Table 2:-

Table 2: Characteristic symptoms and clinical conditions verified by clinical verification

Sl. No.	Name of Medicines	Characteristic symptoms and clinical conditions verified (in italics)
1.	<i>Allium sativum</i>	<ul style="list-style-type: none"> • Heaviness of head >rest. • Pain in forehead <noises, midnight >tight bandage, sleep. • Dry cough with expectoration <morning, night. • Fever with body pain & weakness <evening >rest, sleep. <p><i>Chronic headache, URTI, Fever.</i></p>
2.	<i>Amoora rohituka</i>	<ul style="list-style-type: none"> • <i>Itching scalp without eruptions <daytime, bathing.</i> • <i>Itching and redness of eyes >cold water application.</i> • <i>Coryza expectoration in morning on waking <evening, night, getting rest after, > by heat of sun.</i> • <i>Nose obstruction with breathing difficulty <morning, night.</i> • <i>Sneezing <morning, cold exposure, bathing after, from rest, fanning, >washing face.</i> • <i>Cough with expectoration <morning, night.</i> <p><i>Tonsillitis, URTI, Chronic allergic rhinitis, Conjunctivitis, Pharyngitis.</i></p>
3.	<i>Asclepias curassavica</i>	<ul style="list-style-type: none"> • <i>Sneezing <morning, night.</i> • <i>Obstruction of nose <morning, night, cold.</i>

Sl. No.	Name of Medicines	Characteristic symptoms and clinical conditions verified (in <i>italics</i>)
		<ul style="list-style-type: none"> • <i>Pustular eruption on face with itching.</i> • <i>Appetite decreased and desire for ice-creams.</i> • <i>Heartburn with dyspepsia acidity & sour eruption <day time, morning, eating, breakfast after >drinking cold water, after passing stool.</i> <p><i>Acne, Gastritis, Acute and chronic allergic rhinitis, Dyspepsia, URTI.</i></p>
4.	<i>Avena sativa</i>	<ul style="list-style-type: none"> • <i>Anxiety, irritable and forgetful.</i> • <i>Pain in forehead <cold, exertion >warmth.</i> • <i>Dryness of mouth & throat.</i> • <i>Increased thirst with dryness of mouth & throat.</i> • <i>Constipation with unsatisfactory stools.</i> <p><i>Gastritis, Constipation, Headache, Acute peptic disease</i></p>
5.	<i>Azathioprine</i>	<ul style="list-style-type: none"> • <i>Obstruction of nose <night.</i> • <i>Appetite decreased and desire sweets.</i> • <i>Flatulence <empty stomach.</i> • <i>Heaviness in abdomen with flatulence <evening, >fanning flatus.</i> • <i>Constipation with stool hard, dry, unsatisfactory.</i> <p><i>Gastritis, Constipation.</i></p>
6.	<i>Buxus sempervirens</i>	<ul style="list-style-type: none"> • <i>Sneezing <morning, evening, dust, cold water.</i> • <i>Obstruction of nose <morning, night, fanning, >afternoon.</i> • <i>Thin watery discharge from nose <evening.</i> • <i>Thirst increased for cold water.</i> • <i>Constipation, stool hard with frequent urging.</i> • <i>Dry cough <morning, daytime, lying on bed with tickling in throat.</i> • <i>Aching pain in knees < morning, night> sitting over knees.</i> <p><i>Osteoarthritis, URTI, Constipation.</i></p>
7.	<i>Caesalpinia bonducella</i>	<ul style="list-style-type: none"> • <i>Aphthae in mouth <eating while.</i> • <i>Bad taste in mouth.</i> • <i>Throat pain <morning, tea.</i> • <i>Nausea after eating <morning.</i> • <i>Feverish feeling in evening.</i>
8.	<i>Cardiospermum halicacabum</i>	<ul style="list-style-type: none"> • <i>Heaviness of head <morning.</i> • <i>Throbbing pain in temporal region <morning.</i> • <i>Pain & thick discharge from eye.</i> • <i>Hoarseness of voice due to overuse>warm water gargle, drinking warm water.</i> <p><i>Headache, Tonsillitis, Conjunctivitis</i></p>
9.	<i>Cyclosporin</i>	<ul style="list-style-type: none"> • <i>Headache with nausea as if head would burst<lying down >pressure.</i> • <i>Obstruction of nose <night, lying while.</i> • <i>Burning pain in throat <night, cold things, swallowing.</i>

Sl. No.	Name of Medicines	Characteristic symptoms and clinical conditions verified (in <i>italics</i>)
		<ul style="list-style-type: none"> • <i>Dry cough <evening, morning.</i> • <i>Aching pain in calf muscles<walking while >rest, pressure, tight bandaging.</i> <p><i>Allergic rhinitis, Osteoarthritis, Headache, Chronic sinusitis.</i></p>
10.	<i>Cynara scolymus</i>	<ul style="list-style-type: none"> • <i>Headache expectoration in forehead region <morning.</i> • <i>Burning pain in eyes <sunlight>closing the eyes.</i> • <i>Copious watery discharge from nose <morning.</i> • <i>Painful aphthae in mouth <eating while.</i> • <i>Bitter taste in mouth <morning.</i> • <i>Desire spicy, seasoned food.</i> • <i>Thirstlessness and sleeplessness.</i> <p><i>Aphthae, URTI, Pharyngitis, Constipation, Chronic allergic rhinitis, Chronic headache, Gastritis.</i></p>
11.	<i>Foeniculum vulgare</i>	<ul style="list-style-type: none"> • <i>Pain in ear <washing head, evening>warmth.</i> • <i>Coryza with profuse nasal discharge.</i> • <i>Thick nasal discharge <morning.</i> • <i>Nasal obstruction <night.</i> • <i>Throat pain <swallowing, evening, cold drink >hot water.</i> • <i>Redness and swelling of tonsils.</i> • <i>Appetite & thirst decreased.</i> • <i>Aching pain in left knee < ascending stairs, pain in calf > rest.</i> <p><i>Anorexia, Chronic allergic rhinitis, Arthralgia, Tonsillitis.</i></p>
12.	<i>Gymnema sylvestre</i>	<ul style="list-style-type: none"> • <i>Reeling sensation < morning, evening, looking up>rest.</i> • <i>Headache with heaviness <morning, bending head forehead.</i> • <i>Coryza <morning, cold.</i> • <i>Itching and irritation in throat.</i> • <i>Pain in throat <swallowing.</i> • <i>Constipation with irregular stools.</i> • <i>Dry cough <night, lying down.</i> <p><i>URTI, Constipation.</i></p>
13.	<i>Hygrophilla spinosa</i>	<ul style="list-style-type: none"> • <i>Eruptions on face < by touching.</i> • <i>Burning pain throat <swallowing>warmth.</i> • <i>Appetite decreased with thirstlessness.</i> • <i>Desire spicy foods.</i> • <i>Constipation, stool hard unsatisfactory, irregular, no desire or ineffectual urging, straining.</i> • <i>Pain in abdomen with flatulence & decreased appetite.</i> <p><i>Acne, Gastritis, Constipation, Chronic allergic rhinitis, Gastroenteritis, Anorexia.</i></p>

Sl. No.	Name of Medicines	Characteristic symptoms and clinical conditions verified (in <i>italics</i>)
14.	<i>Magnolia grandiflora</i>	<ul style="list-style-type: none"> • <i>Coryza with sneezing <morning.</i> • <i>Nasal obstruction with cough <night.</i> • <i>Sour eructations< eating after.</i> • <i>Abdominal distention & flatulence <after eating.</i> • <i>Sensation of fullness in abdomen after eating >belching after.</i> • <i>Burning pain in epigastrium after eating.</i> • <i>Bleeding from piles during and after stool.</i> <p><i>Acute rhinitis, URTI, Haemorrhoids, Anal fissures, Constipation, GERD.</i></p>
15.	<i>Persea americana</i>	<ul style="list-style-type: none"> • <i>Swelling in gums & bad taste in mouth.</i> • <i>Loss of appetite, no desire to eat, nausea after eating.</i> • <i>Pain in abdomen with flatulence.</i> • <i>Stitching pain in epigastrium with loose stools.</i> • <i>Pain in urethra during micturition.</i> <p><i>Gingivitis, Gastritis, UTI.</i></p>
16.	<i>Psoralea corylifolia</i>	<ul style="list-style-type: none"> • <i>Painful pimples in face especially forehead with itching.</i> • <i>Tickling & pain in throat <morning.</i> • <i>Abdominal distention and pain in umbilical region.</i> • <i>Loose stool, distension and pain in abdomen.</i> • <i>Constipation & burning pain in umbilical region.</i> • <i>Sleepiness & drowsiness.</i> <p><i>Acne, Acute pharyngitis, Diarrhoea, IBD.</i></p>

Table 3: Patients enrolled between November 2018–March 2019

Institute/Unit	Drug list	No. of patients enrolled for the reporting period
1. CRU (H), Agartala	1. <i>Acorus calamus</i>	73
2. DDPRCRI (H), Noida	2. <i>Apium graveolens</i>	31
3. RRI (H), Gudivada	3. <i>Brassica oleracia</i>	34
4. RRI (H), Guwahati	4. <i>Cochleria armoracia</i>	11
5. RRI (H), Imphal	5. <i>Datura arborea</i>	14
6. RRI (H), Puri	6. <i>Datura metel</i>	27
7. RRI (H), Shimla	7. <i>Leucas aspera</i>	16
8. DACRRI(H), Kolkata	8. <i>Withania somnifera</i>	30
9. HDRI, Lucknow	Total	236
10. CVU (H), Patna		
11. CRU(H), Portblair		
12. Ext. Unit, RRI(H), Puri (Bhubaneswar)		
13. RRI (H), Mumbai		
14. NHRIMH, Kottayam		

Table 4: Characteristic symptoms and clinical conditions verified (new ongoing 08 drugs).

Sl. No.	Name of Medicines	Characteristic symptoms
1.	<i>Acorus calamus</i>	<ul style="list-style-type: none"> • Throbbing pain in frontal region of head <noise > sleep. • Pain in occipital region <exposure to sun. • Pain in cervical region extending to shoulders & right hand. • Aching pain in legs <motion >lying down. • Headache and heaviness of the head. • Thick, yellow, white nasal discharge from nose with heaviness of head. • Cough with yellow expectoration with stuffed nose.
2.	<i>Apium graveolens</i>	<ul style="list-style-type: none"> • Bursting headache <night. • Fluent coryza with sneezing <morning. • Itching in both nostrils. • Dry cough <night, cold things. • Pain in elbow joint & ankle <motion, night >rest.
3.	<i>Brassica oleracia</i>	<ul style="list-style-type: none"> • Pustular eruptions with itching <at night. • Small vesicular eruptions on hands, back, abdomen, become pustular, appears one after another. • Dry cough <night, cold >warmth. • Fever with bodyache<evening. • Fever with increased thirst.
4.	<i>Cochlearea armoracia</i>	<ul style="list-style-type: none"> • Pain & soreness of both heels <rising from seat >walking, hard pressure & rubbing. • Burning pain in abdomen with burning in throat with eruptions <after eating. • Cramping pain in calf >rubbing or hard pressure. • Flatulence with tastelessness of food & nausea.
5.	<i>Datura arborea</i>	<ul style="list-style-type: none"> • Pain in lumbo sacral region & in all joints of body. • Stitching constricting pain in throat <swallowing, night, on taking food >warm drinks. • Coryza with nasal obstruction.
6.	<i>Datura metel</i>	<ul style="list-style-type: none"> • Dry cough <night. • Pain in knee joint especially left, <cold, at night, walking >rest, warm application, massage. • Pain in both extremities <first motion, cold >warm application. • Headache with sneezing. • Fever with chill & throat pain.
7.	<i>Leucas aspera</i>	<ul style="list-style-type: none"> • Dry cough with sore throat <night. • Vertigo <walking, rest with light headedness. • Pain in throat. • Coryza throat excoriating, watery, thick <morning, evening. • Headache with heaviness of head.

Sl. No.	Name of Medicines	Characteristic symptoms
8.	<i>Withania somnifera</i>	<ul style="list-style-type: none"> • Burning in stomach <empty stomach, increased thirst. • Pain tearing pain in knees <walking, rising from seat, bending knees >warmth, rest. • Cough with difficult expectoration. • Pain in all joints >upper limb & aching pain in shoulders <movement, lifting heavy objects, cold.

CLINICAL RESEARCH

Clinical Research in Homoeopathy helps in generating, validating and consolidating scientific evidences (in terms of safety, efficacy and effectiveness) of homoeopathic medications, procedures and treatment regimes. These researches are useful in prevention, treatment of various diseases, decision making for stake holders and thus help in improving clinical care. The aim is to carry out evidence based trials based on modern scientific parameters (double blinding; objective assessment criteria, statistical analysis, etc.) without conflicting with the doctrines of Homoeopathy. By taking part in clinical trials, participants not only play a more active role in their own health care free of cost, but they also can access experimental treatments and help others by contributing to medical research.

During the reporting year, 16 clinical research studies were continued from previous years, out of which 02 studies were concluded. Further two new studies were initiated. The screening/follow up of all the studies continued during the reporting year at the Institutes/units.

The details of on-going, concluded and newly initiated studies are as follows:

I. STUDIES FROM PREVIOUS YEARS

A. Ongoing studies:

1. **Management of Chronic Non Specific Low Back Pain (NSLBP) with homoeopathic intervention versus placebo along with directional preference exercise -A parallel arm randomized controlled pilot study.**

A parallel arm Randomized Controlled trial for subjects in age group 18- 60 yrs suffering from chronic non-specific low back pain for ≥ 4 weeks was initiated at six centres under the Council. Primary objective is to compare the changes in intensity of chronic non-specific low back pain using Numeric Pain Rating Scale (NRS). Secondary objective is to compare the changes in disability using Revised Oswestry Low Back Pain Disability Questionnaire; assess global improvement using SF-20 and effect of homoeopathic treatment using Outcome Related to Impact on Daily Living (ORIDL).

The CTRI registration of the study has been initiated and in pre-trial phase, total 892 cases have been screened and 146 cases enrolled. During the reporting year (2018-19) total 643 cases have been screened and 70 cases enrolled in the study.

2. **Validation of commonly used homoeopathic drugs for acne: A prospective observational study.**

This study is a multi-center, prospective, open label, observational trial to validate frequently used homoeopathic drugs for acne through pre-identified set of symptoms and replies to a questionnaire designed especially for homoeopathic effect of personalized treatment to the subjects. Patients of either sex, aged between 12-25 years, attending the outpatient clinic in the selected four institutes of the Central Council for Research in Homoeopathy, India with complaint of acne are screened for enrollment. The primary outcome is to observe the change in severity of acne on Global Acne Grading System (GAGS) at the end of 6 months of treatment. The secondary outcome is to observe the change in Quality of Life (QOL) at the end of 6 months of treatment.

Since inception of the study in April 2016, 326 cases have been screened, 261 cases were enrolled, and 107 cases have completed follow-up as per the protocol. During the reporting year, 118 cases were screened, 97 cases were enrolled; and 32 cases have completed follow-up as per the protocol. The medicines found effective so far are *Sulphur*, *Natrum-mur*, *Calcarea-carb*, *Pulsatilla*.

3. Validation of commonly used homoeopathic drugs for bronchial asthma: A prospective observational study

This study is a multi-center, prospective, open label, observational trial to validate frequently used homoeopathic drugs for bronchial asthma through pre-identified set of symptoms and replies to a questionnaire designed especially for homoeopathic effect of personalized treatment to the subjects. Patients of either sex, aged between 5-65 years, attending the outpatient clinic in the selected three institutes of the Central Council for Research in Homoeopathy, India diagnosed with bronchial asthma are screened for enrollment.

During the reporting year, 33 cases were screened, 13 cases were enrolled; and 17 cases have completed follow-up as per the protocol.

4. Validation of commonly used homoeopathic drugs for functional dyspepsia: A prospective observational study

This study is a multi-center, prospective, open label, observational trial to validate frequently used homoeopathic drugs for functional dyspepsia through pre-identified set of symptoms and replies to a questionnaire designed especially for homoeopathic effect of personalized treatment to the subjects. Patients of either sex, aged between 18-55 years, attending the outpatient clinic in the selected three institutes of the Central Council for Research in Homoeopathy, with the complaint of functional dyspepsia are screened for enrollment. The primary outcomes are to observe the changes in Global Overall Symptom (GOS) score and Severity of Dyspepsia Assessment (SODA) score at the end of 8 weeks of treatment. The secondary outcome is to observe the change in Quality of Life (WHO-QoL) at the end of 8 weeks of treatment.

During the reporting year, 175 cases were screened, 72 cases were enrolled; and 31 cases have completed follow-up.

5. Validation of commonly used homoeopathic drugs for haemorrhoids: A prospective observational study

This study is a multi-center, prospective, open label, observational trial to validate frequently used homoeopathic drugs for haemorrhoids through pre-identified set of symptoms and replies to a questionnaire designed especially for homoeopathic effect of personalized treatment to the subjects. Patients of either sex, aged between 30-65 years, attending the outpatient clinic in the selected five institutes of the Central Council for Research in Homoeopathy, India with the complaint of internal haemorrhoids are screened for enrollment. The primary outcome is to observe the change in sodergren score at the end of 6 months of treatment. The secondary outcome is to observe the change in Quality of Life (QOL) at the end of 6 months of treatment.

During the reporting year, 228 cases were screened out of which 74 cases have been enrolled and 21 cases have completed follow-up as per the protocol.

6. Validation of commonly used homoeopathic drugs for migraine: A prospective observational study

This study is a multi-center, prospective, open label, observational trial to validate frequently used homoeopathic drugs for migraine through pre-identified set of symptoms and replies to a questionnaire designed especially for homoeopathic effect of personalized treatment to the subjects. Patients of either sex, aged between 18-65 years, attending the outpatient clinic in the selected three institutes of the Central Council for Research in Homoeopathy, India with complaint of migraine are screened for enrollment. The primary outcome is to observe the change in Headache Impact Test (Hit-6) score at the end of 1 year of treatment. The secondary outcome is to observe the change in Quality of Life (WHO-QoL) at the end of 1 year of treatment.

During the reporting year, total 110 cases were screened out of which 23 cases have been enrolled; and 11 cases have completed follow-up as per the protocol.

7. Efficacy of Homoeopathic treatment in Sub- Clinical Hypothyroidism in school going children: A randomized double blind placebo controlled parallel arm trial.

A randomized double blind placebo controlled parallel arm trial was initiated in June 2015 to assess the efficacy of homoeopathy in children with Sub clinical hypothyroidism. The study is being conducted at DR. B. R. Sur Homoeopathic Medical College, Hospital & Research Centre, Delhi. During the reporting period, 27 children are enrolled and are under follow up.

8. Homoeopathic management of symptomatic Adenotonsillar hypertrophy in children: A Prospective observational study.

An Observational study to evaluate the response of homoeopathic treatment in Adenotonsillar hypertrophy was started in September 2017 at 5 centers under the Council. The children in the age group of 3 to 10 years presenting with enlarged adenoids in radiography are enrolled after obtaining written informed consent. Homoeopathic medicine is prescribed on the basis of totality of symptoms. Assessment is made every month for a period of 12 months.

During the reporting year, 202 cases have been screened and 123 cases have been enrolled.

9. Follow up of Observational study to evaluate the response of Homoeopathic treatment in Psoriasis.

The study was initiated in September 2014 at 11 centers under the Council with the objective to identify the change in disease severity and in quality of life of the patient. The patients in the age group of 18 to 60 years presenting with plaque type Psoriasis were enrolled after obtaining written informed consent. Homoeopathic medicine was prescribed on the basis of totality of symptoms. Assessment was made every month for a period of 12 months. The study concluded in March 2018 as per protocol. However a 5 year follow up study is still continuing.

Under the study, 2106 cases were screened; 570 were enrolled and 215 cases completed their 12 month follow up. The data verification and analysis of cases is ongoing for preparation of manuscript.

10. Follow up of Observational study to evaluate response to Homoeopathic treatment in Vitiligo

The study was initiated in December 2014 at 11 centers namely, DDPRCRI(H), Noida; NHRIMH, Kottayam; RRI (H), Gudivada; DACRRI (H), Kolkata; RRI (H), Mumbai; RRI (H), Guwahati; CRI (H), Jaipur; RRI (H), Puri; HDRI, Lucknow; CRU (H), Chennai and CRU (H), Port Blair. The objective was to identify the change in VASI score (Vitiligo Area Scoring Index) and Quality of life of the patients. Patients in the age group of 18 to 60 years with at least one (01) vitiligo skin lesion measuring at least 2× 2cm in size of duration 03 months to 10 years were enrolled after taking written informed consent. Homoeopathic medicine is prescribed on the basis of totality of symptoms. The assessment is made every month for a period of 12 months. The enrollment was completed in March 2018 as per protocol. However, a 5 year follow up study is still continuing.

Under the study, 1179 cases were screened and 472 cases were enrolled and 246 cases have completed 12 months follow up. The data verification and analysis of cases is ongoing for preparation of manuscript.

11. Evaluation of Homoeopathic treatment in the Out Patient Department – A patient reported outcome study

The patient reported outcome study was initiated in August 2017 to evaluate the type of chronic patients being treated in OPD of Institute/Units under the Council and to assess the overall outcomes through patient reported outcome measures and overall quality of life.

During the reporting period 16 institutes/units participated in the study and data of 2113 OPD patients was captured.

12. A Multicentric randomized, double blind, placebo controlled study to evaluate efficacy of predefined homoeopathic medicines in treatment of Warts.

A randomized, control trial on warts is being undertaken at eight centres with the objective to evaluate response of 09 pre-defined homoeopathic medicines in treatment of warts and to validate the symptoms. The trial has been registered at Clinical Trial Registry of India. In the study individuals in the age group of 18-65 years, of both sexes with all type of cutaneous warts (excluding plantar warts) will be included in the sample size of 480 (60 patients per centre).

Since inception, 130 cases have been enrolled; 30 cases have been cured and 21 cases have shown improvement in term of number and size of warts.

13. Usefulness of individualized Homoeopathy versus standard allopathic treatment in acute uncomplicated Urinary Tract Infection (UTI): A randomized comparative trial.

This Multi-centre, open-label, randomised, comparative study is being undertaken to assess and compare clinical outcome of treatment with homoeopathic medicine and allopathic medicine in uncomplicated UTI (symptom severity and duration using UTISA) and to compare the changes in quality of life and urine culture in response to both treatment groups.

The protocol has been approved in the 60th meeting of scientific advisory committee held on 17th & 18th July 2017 and in the 21st Ethical Committee meeting held on 14th August 2017. National

Homoeopathy Research Institute in Mental Health, Kottayam; Dr. Anjali Chatterjee Regional Research Institute (H), Kolkata, have been identified as study sites. The sample size of the study will be 40 cases in each arm i.e. total 80 cases and will be followed up on day 3, 7, 10 with monthly recall till 06 months. In pretrial phase, 36 cases were screened out of which 13 cases have been enrolled under homoeopathic arm.

14. Management of Rheumatoid Arthritis with individualized Homoeopathy- An observational study”

To evaluate the effect of homoeopathic medicines in the management of Rheumatoid Arthritis using DAS 28 score, activity profile & QOL of patients using ACR 20 response criteria. The target sample size is 160 cases (40 patients /centre). The study was initiated in Jan 2018. Since inception of study 190 cases are screened and 56 cases are enrolled.

15. Effect of Homoeopathic medicines in the management of morbidity associated with grade III and grade IV lower limb lymphoedema due to lymphatic filariasis – A prospective clinical trial

This study aims to evaluate the role of homoeopathy in improving the quality of life (QOL) of Lymphatic Filariasis associated lymphoedema patients after homoeopathic intervention. The study is being conducted at RRI (H), Puri, which is proposed to develop as a 'Centre for Filariasis'. During the reporting period, 302 cases were screened and 18 cases were enrolled.

16. Study on clinical application of susceptibility assessment questionnaire

Questionnaire initially developed based on literature review and expert review for face validity was tested further statistically. Based on its application by 05 physicians, content validity ratio was calculated and exploratory factor analysis. The analysis identified 09 factors, which includes emotional factors, intellect, symptoms, reaction to environment, pathology, treatments undertaken, age and consumption of alcohol, thereby validating the construct defined. Questionnaire with total 17 questions (Range: 17-85) was developed. The clinical application of Susceptibility Assessment questionnaire is being undertaken at 05 centres, with the questionare being applied on 30 acute cases (with a maximum follow up of 15 days) and 30 chronic cases (with a maximum follow up of 3 months) at each centre. The questionnaire will also be used in the drug proving program for assessment of susceptibility in healthy provers. 193 cases have been enrolled under the study.

B. Concluded studies:

1. A Comparative Randomized Controlled Trial of Homoeopathy & Allopathy in Acute Otitis Media (AOM) & its recurrence in Children.

An open label, non-inferiority, randomized controlled (parallel arm) trial in children in the age group of 02 to 12 years, suffering from acute otitis media was initiated in November 2014 at four institutes to compare the efficacy of Homoeopathic treatment with Allopathic treatment through changes in AOM –SOS and Tympanic membrane examination scale, 'Time to improvement' in pain and 'Recurrence' of AOM in both treatment groups. The enrollment period of the study has been extended upto December 2017 due to non -achievement of targeted sample size.

Since inception in November 2014, a total of 396 cases were screened and 235 were enrolled. The study has been concluded in November 2018 and the data is under the process acquisition, and verification.

2. A multi-centric single blind randomized placebo controlled trial to evaluate the efficacy of individualized homeopathic intervention in Breast Fibroadenoma.

This study was initiated in January 2014 at four institutes of the Council to evaluate the effectiveness of homeopathic medicines in reduction of size or resolution of breast fibroadenoma through sonomammographic assessment. Female patients between 18-35 years with breast fibroadenoma fulfilling the inclusion criteria were enrolled after taking written informed consent. Since inception, 594 patients were screened and 171 enrolled. The study has been concluded in June 2018. Data verification and analysis is in process.

C. New studies initiated:

1. Prognostic factor assessment of homeopathic medicines for chronic cough: An exploratory prospective study

The trial phase of a multi-centre, explorative, prospective, observational study in patients in the age group of 7-65 years suffering from chronic cough was initiated in May 2018 at 10 institutes under the Council.

The aim of this study is to find out most useful group of homeopathic medicines for cough, most useful indications for that group of medicines, and preparing an algorithm for prescribing in cough cases. Patients with chronic cough are being screened by site investigators and those meeting the inclusion criteria were enrolled after. Validated scales are being used to assess the improvement of cough, as well as Homoeopathy-based questionnaires are being used for assessment of the effect of prescribed medicine on general and particular symptoms, with homoeopathy perspective.

Since inception in May 2018, a total of 547 cases have been screened, and 123 cases enrolled.

2. Assessment of most frequently used rubrics and medicines in the homeopathic treatment of acute conditions by Indian homeopathic practitioners / researchers (CCRH) with the aid of Vithoulkas Compass (VC).

CCRH has a considerable footfall of patients reporting in the OPDs of its 29 research centers all over India. Researchers in these centers are already treating them sometimes on totality, and at other times on keynote basis.

As an initial step, Vithoulkas Compass (VC) has been offered to 30 researchers shortlisted for the study. The investigators are using the program for analyzing and treating their cases; in turn, the symptoms used in the remedy selection and treatment outcomes are assessed by VC and is provided to the CCRH for further analysis in required data formats. This Project was initiated in May 2018 in collaboration with the VC software team on preliminary basis. Further for effective and productive working of Vithoulkas compass software, a webinar on VC project was organized by CCRH on 19 Dec.2018 which was attended by 124 research officials.

During the reporting period, 2153 cases have been enrolled and 456 cases out of these have regular follow ups.

D. Details of onsite monitoring and con call are as follows:

Table 1

S. No.	Project	Monitoring/ Con call /Meeting	Venue	Date
1.	61 st Scientific Advisory Committee meeting	Meeting	CCRH Headquarters	12 th April, 2018
2.	62 nd meeting of Scientific Advisory Committee	Meeting	CCRH Headquarters	7 th May, 2018
3.	Cough validation project	Con call	CCRH Headquarters	8 th June 2018
4.	For discussing on SOP and CRF of LSD project	Con call	CCRH Headquarters	16 th July, 2018
5.	Meeting to discuss role of Homoeopathy in Sports Medicine	Meeting	CCRH Headquarters	18 th Sept., 2018
6.	Adenotonsillar Hypertrophy study	Con call	CCRH Headquarters	5 th October 2018 & 12 th February 2019
7.	NIEPMD meeting	Meeting	HRID Chennai	23 rd Oct., 2018
8.	Training program for the study of Adjustment Disorder	Meeting	CCRH Headquarters	26 th and 27 th November 2018
9.	VC training Webinar	Meeting	CCRH Headquarters	19 th December 2018
10.	15 th meeting of Special Committee for Clinical Research	Meeting	CCRH Headquarters	18 th March, 2019

EPIDEMIC RESEARCH STUDIES

There is increasing incidence of various emerging and re-emerging infectious diseases during past decade. In majority of these diseases there are no therapeutic or preventive measures available. To worsen the situation, there is increase in resistance strains to existing antibiotics. Further due to changes in biodiversity, international human movement, urbanization, this situation escalates disease spread. India is worst affected from all categories of emerging infectious diseases. Currently, Dengue, Ebola and Influenza are included in top ten global treat disease list by World Health Organization. Government of India also had given emphasis to control AIDS, tuberculosis, malaria and neglected tropical diseases etc. by 2030.

Homoeopathy historically has been used successfully in prevention of infectious diseases. There are anecdotal evidences of use of homoeopathy in prevention of epidemic diseases since its inception; these need further exploration on scientific grounds. Keeping in view the current state of epidemic disease management, Council took a step forward and initiated various preventive studies for control of diseases like Dengue, Chikungunya, Japanese Encephalitis (JE) and Malaria etc. during recent years.

Council has further planned to utilize preclinical evidence for undertaking field trials both in public health and clinical settings for efficacy of the homoeopathic interventions as preventive as well as curative in epidemic diseases respectively. The activities undertaken during this period is given below.

PUBLIC AWARENESS

1. Public Health Advisory for prevention of dengue and chikungunya

Based on research findings Council gives health advisory during dengue and chikungunya outbreak for use of homeopathic medicines for prevention of dengue and chikungunya by the public. Council through advisory recommends use of *Eupatorium perfoliatum* as preventive for dengue and chikungunya. Details of public health advisory published by the Council.

Newspaper	Date
Times of India (English)	9 th Sept. 2018
Dianik Jagron (Hindi)	9 th Sept. 2018



ONGOING STUDIES

1. Effectiveness of *Eupatorium perfoliatum* vis-avis health awareness in preventing dengue & chikungunya fever during outbreak – An open cluster level study-2018

This was open cluster level preventive study. *Eupatorium perfoliatum* 30 was administered along with Information, Education and Communication (IEC) among the approximately 25,000 healthy populations in medicine cohort and only IEC was provided to approx. 10,000 populations in non-intervention cohort. For data collection, Council developed data collection software and data is being compiled in same using tablets. Data sinking from tablets is in progress.



Record checking by study team in the field



Training of health workers at DACRRI (H), Kolkata in dengue study

2. Effect of add on *Eupatorium perfoliatum* 30 with health awareness in preventing dengue and chikungunya fever during outbreak- A comparative cohort study

This was a comparative cohort study conducted at Baranagar Municipal Corporation, Kolkata in ward No. 1, 4, 8, & 27 from September 2018 - December 2018. Total 20,434 healthy individuals enrolled in medicine group and 10,144 healthy individuals are enrolled in IEC group. Study is data compilation is in progress.

3. Effectiveness of *Influenzinum* in prevention of Influenza like Illness (ILI) – A comparative cohort study-2018

The study participants were enrolled from the community of Mayapuri, Piragadi and Zakhira. Enrolled individuals received *Influenzinum* 30 once in a week for 10 weeks and further were under observation till the epidemic period is over. Sample size of appr. 30,000 healthy individuals are enrolled in the study. Study is ongoing, data collection is in progress.



Training of health workers in Influenza like Illness study

4. **Efficacy of *Influenzinum* in Influenza like Illness (ILI) as a function of illness severity- A prospective double-blind placebo control trial**

The study was randomized, double blind placebo-controlled trial. The study participants were screened from the Homoeopathy University, Jaipur. Total 310 participants were screened and 283 enrolled in study after fulfillment of inclusion criteria and written informed consent. They were randomized to receive the assigned group of intervention. Data compilation is in progress.

5. **To assess the effectiveness of homoeopathy in management of HIV through routine treatment data collection**

Council has signed MoU dated 4.10.18 with JSPS homoeopathy medical college Hyderabad to undertake data collection study on homoeopathy management of HIV cases. Study initiated in December 2018. Till 31st March 2019, total 16557 cases of HIV were registered & provided homoeopathy consultation at JSPS HIV clinic; which includes 1701 new cases and 14,796 old cases. Study is ongoing.

CONCLUDED STUDIES

1. **Effectiveness of *Eupatorium perfoliatum* vis-à-vis health awareness in preventing dengue & chikungunya fever during outbreak – an open cluster level study.**

This was open cluster level study. Apparently healthy participants were enrolled from JJ colonies of Mayapuri, Peeragadi, Zakira, Chunna Bhatti and Keshav Vihar July 2017-October 2017. Total 28,664 individuals enrolled in medicine cohort and 12615 individuals were enrolled in non-intervention cohort. Individuals enrolled in medicine cohort received *Eupatorium perfoliatum* 30 once in a week for 10 weeks and those in non-intervention cohort received education and communication for prevention of dengue and chikungunya. Data analysis is in progress.

2. **Effectiveness of *Influenzinum* in prevention of Influenza like Illness (ILI) – A comparative cohort study.**

To prevent influenza like illness (ILI), Council conducted comparative study in 03 JJ colonies, New Delhi during December 2017- April 2018. *Influenzinum* 30 was administered among 22,130 healthy individuals in medicine group and awareness education was provided to 7,765 healthy individuals in control group using IEC material. Data compilation is in progress.

FUNDAMENTAL & COLLABORATIVE RESEARCH

The council has collaborated with eminent scientists and institutes of excellence both in india and abroad to carry out quality research for productive outputs in the field of Homeopathy. These include CSIR institutes like Central Institute of Medicinal and Aromatic Plants, (CIMAP) Lucknow, CDRI, Lucknow, Institute of Minerals and Materials Technology, Bhubaneswar, ICMR institutes like National Institute of Cholera and Enteric Diseases (NICED) etc., Jawahar Lal Institute of Post-Graduate Medical Education & Research (JIPMER) Puducherry, IIT Delhi, Bhabha Atomic Research Centre (BARC), All India Institute of Medical Sciences (AIIMS), Delhi University, Panjab University and University of California, Los Angles (UCLA).

During reporting period, 01 new study was initiated, 3 collaborative studies were concluded and 13 studies are ongoing. A brief account of the work done on fundamental & collaborative studies during year 2018-19 is as follows:

INITIATED STUDIES (01)

1. Pre-clinical study on malaria with homoeopathic formulation of nano-curcumin, NCCS, Pune. (2018)

CONCLUDED STUDIES (04)

1. Prophylactic effect of Homeopathic anti-malaria drugs on malaria - A prevention effectiveness study.
2. To study the effect of homeopathic drugs on ultra-structure of mid-gut cells derived from *Aedes albopictus*.
3. Effects of Potentized Homoeopathic medicines in Agriculture (Agro-Homoeopathy): An eco-friendly alternative solution for synthetic fertilizers and pesticides.
4. Understanding the Mechanism of action of homoeopathic medicine at molecular level in nano domains in-vivo and in-vitro systems.

ONGOING STUDIES (10)

1. Effect of homoeopathic medicines on dengue virus infection on mosquito cell line and in suckling mice.
2. Estimation of viral load and immune response in JE virus infected adult and suckling mice treated with *Belladonna*.
3. Elucidation of molecular mechanism of action of *Belladonna* - *Calcarea carbonica* - *Tuberculinum bovinum* (BCT) during Japanese Encephalitis Infection, .
4. To evaluate the anti-leishmanial potential of some homoeopathic drugs in experimental visceral leishmaniasis.
5. Evaluation of antimalarial efficacy of some homeopathic drugs against *Plasmodium falciparum* in vitro and against *Plasmodium berghei* in vivo.
6. Pharmacological screening of Homeopathic drugs used in rheumatoid arthritis.

7. Physicochemical studies of homoeopathic drug formulations by using volumetric, acoustic, viscometric, optical and conductometric measurements.
8. In vitro approaches to investigate the efficacy and mechanism of action of homoeopathic medicines against hormone dependent and independent Breast and Prostate Cancer.
9. Preparation of NOSODE from *Escherichia coli* and *Vibrio cholerae*: their preclinical effectiveness and safety evaluation.
10. A pilot research proposal to explore the mechanism of action by anti-dengue homeopathic medicine, *Eupatorium perfoliatum*.

PROGRESS OF RESEARCH WORK CARRIED OUT IN THE VIROLOGY LAB OF DACRRI, KOLKATA

DENGUE PRECLINICAL STUDIES:

1. **To find out whether the homoeopathic medicines, a.) *Eupatorium perfoliatum* 6C, b.) *Crotalus horridus* 6C can diminish the infectivity of dengue virus on Vero cell line**

It was found that the *Eupatorium perfoliatum* having preventive action clinically also has significant role in ameliorating dengue virus pathogenesis in invitro cell line culture. A cytopathic change in cell line has been observed as well as cytokine analysis also showed its strong action. Moreover, among the bioactive components of *Eupatorium perfoliatum*, the action of flavanoid quercetin has been studied against dengue virus infection in both cytopathic as well as cytokine level and it was found that quercetin has strong role in regulating the proinflammatory cytokine IL1beta which is highly enhanced during severe Dengue hemorrhagic cases. Such that regulating IL1 beta also controls the expression of TNF alpha and IFN gamma, therefore decreasing the progression of dengue virus infection. The Study is ongoing.

2. **To study the action of *Eupatorium perfoliatum* 6C on dengue virus infected Chorioallantoic membrane of embryonated chicken eggs, an *in vivo* model**

It was found that dengue virus infected CAM model does not shows any cytopathic changes like pock count or vascular congestion as during infection in other flaviv virus diseases like Japanese encephalitis, but during histopathological observation a unique pattern of fibrogenetic lesion was observed. Moreover, the cytokine level TGF beta factor expression was also found to be enhanced during dengue virus infection. In *Eupatorium perfoliatum* treated samples the lesions were found to be decreased. Therefore further experiments will be conducted. Study is ongoing.

3. **To find out whether homoeopathic medicines can diminish the infectivity of dengue virus on primary culture of midgut cells.**

Maintenance of primary culture of mosquito midgut cells was done. Adaptation of dengue virus on primary culture of midgut cells has been done by studying the cytopathic effect. Action of *Eupatorium perfoliatum* 6c was studied on primary culture of mosquito midgut cells and found that *Eupatorium perfoliatum* has significant role in decreasing the dengue virus pathogenesis in primary culture of midgut cells. Further works are going on to study its role in cytokine level. The study is ongoing.

JE PRECLINICAL STUDIES:

1. Estimation of viral load and immune response in JE virus infected CAM model treated with Belladonna

The effect of *Belladonna* 200C in the alteration of TLR signalling as well as limiting the viral replication in JEV infected CAM model. Lower viral load in the *Belladonna* 200C treated chicks showed higher TLR3, TLR7 and TLR8 and lower TLR4 expressions ultimately reflecting in the interferon expression (Figure 6). This finding may be a lead for immune therapy against JEV by targeting specific molecules of TLR signalling pathway in future other than use of this medicine for prevention and treatment of JE. Study is concluded.

2. To study the effect of phosphorus 6c in Japanese encephalitis virus infected CAM model

Administration of phosphorus 6c in *Japanese encephalitis* virus infected CAM model was done followed by qRT PCR of gene expression studies (IFN- α , IFN- β , IFN- γ , IRF-3, IRF-7, TLR-3, TLR-4, TLR-7, TLR-8, iNOS, IL- β , IL-4, IL-8, IL-10) from different tissues of chick embryo. It was found that Phosphorus has significant action in regulating the cytokines such that preventing JE virus propagation. Study is ongoing.

3. To study the effect of *Calcareo carb* 6C, 30C, 200C, and *Tuberculinum* 30C, 200C in Japanese encephalitis virus infected suckling mice.

The effect of *Calcareo carb* 6C, 30C, 200C, and *Tuberculinum* 30c, 200c has been studied on JE virus infected suckling mice followed by the semi qRT-PCR analysis of genes (GAPDH, iNOS, IL- β , IL-4, IL-8, IL-10, TLR-4 and IFN- γ). Significant action of both *Calcareo carb* and *Tuberculinum* has been found in regulation of cytokine expression in suckling mice. Study is ongoing.

4. To study the efficacy of atropine and atropine sulphate in Japanese encephalitis virus infected CAM model.

The efficacy of atropine and atropine sulphate in *Japanese encephalitis* virus infected CAM model has been studied, followed by the semi qRT-PCR analysis of genes (GAPDH, iNOS, IL- β , IL-4, IL-8, IL-10, TLR-4, IFN- α , IFN- β , IFN- γ , IRF-3, IRF-7, TLR-3, TLR-7, TLR-8, and TGF- β). The present study indicates the role of atropine and atropine sulfate against JEV by inducing innate immunity which reflected in limiting the severity of the disease in chick embryo. Study is ongoing.

EXTRA MURAL RESEARCH

Council is coordinating the Extra Mural Research Scheme of Ministry of AYUSH, to encourage R&D in AYUSH system. It aims to utilize the vast research infrastructure available within the country for standardization and validation of classical drugs along with the following parameters to fulfill:

- ❖ To support Research and development in Extra Mural mode for treatment of prioritized diseases.
- ❖ To make scientific exploration of AYUSH system with interdisciplinary approaches.
- ❖ To develop the potential of Human Resource in AYUSH system specially to inculcate aptitude and expertise to AYUSH systems.

The scheme is also aimed at developing the opportunity for scientific scrutiny of AYUSH systems for the benefit of users, researchers, practitioners, industries & common people at large. The outcomes of the scheme are expected to harness the potential of AYUSH in the interest of public health delivery. The evidences thus generated will help in propagating rational use, clinical application & mainstreaming of AYUSH.

Details of EMR studies related to Homoeopathy, during reporting period are as follows:

1. New studies initiated: 04

Table 1

S. no.	Name of the Principal Investigator & Institute	Name of the study
1.	Dr Prerna Raina IRSHA, Bharati Vidyapeeth Deemed University, Pune	Evaluating the anticancer activity of homeopathic preparation of Linum usitatissimum in breast cancer cell lines.
2.	Dr. P. Kalaiselvi Dr. ALM Post Graduate Institute of Basic Medical Sciences University of Madras, Taramani Campus Chennai	Stratifying the efficacy of homeopathic preparation of allium sativum in alleviating different forms of dyslipidemia – a comparative study using hyperlipidemic models.
3.	Dr. Partha Roy Indian Institute of Technology Roorkee, Uttarakhand	Assessment of the mechanism of actions of some selected Homeopathic preparations for their role in the prevention/ cure of hormone related cancer with special emphasis on prostate cancer.
4.	Dr. Ashutosh Shrivastava King George's Medical University Uttar Pradesh, Lucknow	To investigate the mechanism of anti-cancer activity of homeopathic preparation Arsenicum Iodatatum and Arsenicum album in Glioblastoma multiforme.

2. Ongoing studies: 06

Table 2

S. no.	Name of the Principal Investigator & Institute	Name of the study
1.	Dr Sudip Sen Department of Biochemistry, AIIMS, New Delhi	Elucidating the mechanism behind documented osteogenic activity of <i>Symphytum officinale</i> in human bone marrow derived mesenchymal stem cells in - vitro.
2.	Dr S Prakash Dr. ALM Post graduate Institute of Basic Medical Sciences, University of Madras, Chennai	Analyzing the effect of potentised homoeopathic medicine <i>Lycopodium clavatum</i> on male reproductive function in aged rat
3.	Dr. Dhruva Chakraborty Society for Welfare of the Handicapped Persons, Durgapur.	Studies on the efficacy of homoeopathic medicine in the treatment of osteomyelitis in neuropathic feet in leprosy.
4.	Dr R Suresh Kumar Institute of Cytology and Preventive Oncology (ICMR), Noida	Molecular evaluation of Anti-cancer and Anti-viral properties of <i>Thuja Occidentalis</i>
5.	Dr Ruchika Kaul Ghanekar Integrative Research School for Health Affairs, Bharati Vidyapeeth University, Pune	Evaluating the anti-cancer activity of homoeopathic potencies of <i>Terminalia chebula</i> in breast cancer cell lines and analyzing the best potency for activity in breast cancer mouse model.
6.	Dr Kumar M Dhawale Dr M L Dhawale Memorial Trust BMC'S Holistic Mother & Child Care Centre, 3 rd Floor, Hari Shankar Joshi Marg, Dahisar (E), Mumbai	Efficacy of homoeopathic intervention in influencing the academic outcome in children with scholastic difficulties from the vernacular medium – a multicentric study.

3. Concluded study : 01

Table 3

S. no.	Name of the Principal Investigator & Institute	Name of the study
1.	Dr R P Agarwal S. P. Medical College, Bikaner Postal address: Diabetes Care & Research Centre, Bikaner, Rajasthan	Effect of Homoeopathic medicine <i>Cephalandra indica</i> on glucose metabolism, β cell function and insulin resistance in adults of type 2 diabetes.

4. Publications made: 03

Table 4

S. no.	Article title & PI	Journal	Outcome
1.	<p>Efficacy of Homoeopathic medicine in cerebral infarct.</p> <p>Dr Aslam Abbas</p>	<p>Indian Journal of Research in Homoeopathy; 12(4) 2018;194-201</p>	<p>The result shows that, out of 50 patients, 10 patients had stroke more than 01 year and suffering with sequelae, 27 patients had stroke episode between 01 month and 01 year and 13 patients had a stroke episode within 04 weeks. The reduction in NIHSS score after 06 months of treatment was statistically significant in all three groups. The useful medicines found were Causticum (n=11), Arnica montana (n=7), Nux vomica (n=6), Lycopodium (n=6) and Lachesis (n=3). Neither patient had worsening signs nor any new infarcts during the study.</p>
2.	<p>Anti-inflammatory and Anti-arthritic Homeopathic drugs: Standardization through Pharmacological Evaluation and Establishment of Mechanisms of Action.</p> <p>Dr C R Patil</p>	<p>Indian Journal of Research in Homoeopathy; 12(4) 2018; 202-211</p>	<p>Arthritis was induced (n = 28) by subplantar injection of 0.1 ml CFA in the right hind paw of rats. The mother tincture, 6cH, 30cH and 200cH dilutions of Thuja occidentalis significantly reduced the CFA-induced rise in paw volume, reduced the mechanical allodynia and also reduced the levels of interleukin (IL) IL-1, IL-6 and tumour necrosis factor alpha in paw tissue. CFA-induced articular changes, oedema, cellular infiltrations and cartilage damage were reduced by Thuja occidentalis dilutions. The radiological images indicated that Thuja occidentalis treatment reduced the CFA-induced joint swelling, bone erosion and joint space narrowing. Conclusion: Our findings substantiate the anti-arthritic effects of Thuja occidentalis Homoeopathic dilutions against CFA-induced arthritis. Also, indicate that Homoeopathic dilutions of Thuja occidentalis, particularly 6cH dilution, exert more potent anti-arthritic effects than its crude form.</p>

S. no.	Article title & PI	Journal	Outcome
3.	Effect of Homoeopathic medicine <i>Cephalandra indica</i> on glucose metabolism, β cell function and insulin resistance in adults of type 2 diabetes.	Advancements in Homeopathic Research 2018; Aug – Oct 2018, 3(3); 52-57	100 patients were enrolled in the study and categorized into 2 groups. Group –I were given <i>Cephalandra indica</i> and group –II with placebo followed by one month washout period. An improving trend was observed in both the groups. In freshly diagnosed type-2 diabetes <i>Cephalandra indica</i> reduced FBS, HbA1c, insulin resistance and also significantly increased the beta cell functioning. It shows hypoglycemic effect of <i>Cephalandra indica</i> .

5. Meetings held at the Ministry of AYUSH: 04

Table 5

S. no.	Meeting	Date
1.	Project Screening Committee meeting under the chairmanship of Joint Secretary, Ministry of AYUSH	29 th - 30 th May 2018
2.	Project Approval Committee meeting under the chairmanship of Secretary, Ministry of AYUSH	31 st July 2018
3.	Project Screening Committee meeting under the chairmanship of Joint Secretary, Ministry of AYUSH	23 rd - 24 th Oct 2018
4.	Project Approval Committee meeting under the chairmanship of Secretary, Ministry of AYUSH	28 th Jan 2019

COLLABORATION INTERNATIONAL AND NATIONAL

INTERNATIONAL CO-OPERATION

Council is committed to enhance international cooperation for global promotion of evidence-based Homoeopathy through more international interactions, exchange of MoUs and organising international conferences. During the reporting year, the status of activities in the global arena are as under:



Dr. Issac Golden presenting MoU to Director, NIIM, Australia

Table 1

S.No.	Name of the foreign University/Institution with which MOU has been exchanged		Brief title/ subject of the project	Contact person for MOU	Date signing of MOU	Present status
1.	Australia	National Institute of Integrative Medicine (NIIM)	MoU has been signed for cooperation in the field of research in homeopathy.	Int'l: Dr. Issac Golden Council: Dr. Deepti Singh, RO, S-I	10 th May 2018	<ul style="list-style-type: none"> Given his expertise in epidemics and public health, Dr. Isaac Golden is providing his expertise to the Council in the research projects and protocols related to epidemics.
2.	Israel	Centre for Integrative Complementary Medicine, Shaare Zedek Medical Center, Jerusalem	a) Participation in joint research projects: International projects; meta-analysis, randomized,	Int'l: Dr Menachem Oberbaum Council: Dr. Anupriya, RO, S-I	15 th January 2018	<ul style="list-style-type: none"> The first project: A unique pilot study in the field of paediatric medicine is titled 'Comparison of Conventional &

S.No.	Name of the foreign University/Institution with which MOU has been exchanged		Brief title/ subject of the project	Contact person for MOU	Date signing of MOU	Present status
			<p>pragmatic multi centric and basic research studies, in areas of mutual interest;</p> <p>b) Exchange of research materials, publications, educational literature, teaching aids, information, documentation and scientific publications;</p> <p>c) Joint organization of conferences, seminars, educational opportunities, workshops and symposia;</p> <p>d) Exchanging experts for training of practitioners, scientists, teaching professionals and students;</p> <p>e) Cooperating with interested scientists, practitioners and students in institutions for research, educational and training programmes;</p>			<p>Homoeopathic paradigms in treating children aged 0-18 months: a pragmatic Randomized clinical trial'.</p> <ul style="list-style-type: none"> The study has been initiated at JIMS Homoeopathy Medical College, Telangana (where CCRH has opened its research unit in Sept'18). The children paradigm study was initiated in September 2018, following recruitment and training of the complete study team. Achieving the target by January 2019, 108 (Homoeopathy group-54 and Conventional group-54) participants have been enrolled after screening 218 participants.
3.	Brazil	Federal University of Rio De Janerio (FURJ)	Basic research projects that will be developed in partnership between Universities and Research Centers belonging to both countries (Brazil and India);	<p>Int'l: Prof. Roberto Leher</p> <p>Council: Dr. Debadatta Nayak, RO, S-II</p>	14th July 2017	CCRH has developed a dengue nosode and conducted its first level safety evaluation study at AIIMS, Delhi. Similarly, FURJ has also developed a nosode and conducted its safety

S.No.	Name of the foreign University/Institution with which MOU has been exchanged	Brief title/ subject of the project	Contact person for MOU	Date signing of MOU	Present status	
		Exchanging of students and researchers of Brazil and India; Exchange of technical and scientific knowledge between Brazilian and Indian Homeopathic Pharmacopoeia; Clinical research with biotherapies (nosodes) and homeopathic medicines; - Development of specific projects that characterizing priority subjects for both countries, such as dengue; Chikungunya; Zika; malaria; HIV; hepatitis;			study. The data from both the parties will be exchanged once Council has conducted its second level study too. Subsequently, a joint study in dengue will be carried out.	
4.	Germany	Scientific Society for Homoeopathy (WissHom)	To encourage and promote co-operation in joint research projects, Exchange of information, documentation and scientific publications, Joint organization of conferences, seminars, workshops and symposia, Exchanging experts for training of practitioners, scientists, teaching professionals and students	Int'l: 1. Dr. Michaela Geiger, Vice President, WissHom, Germany 2. Dr. Stephan Baumgartner, Member, WissHom, Germany Council: Dr. Ritika Hassija Narula, RO, S-I	15th June 2017	Following Joint research projects have been identified: <ul style="list-style-type: none"> • Systemic review of meta-analysis of controlled homoeopathic studies (All Indian/ English was reviewed by CCRH; Non-English database was reviewed partly by Council (through translation into English) and mostly by German side. • Replication of model of Basic research (nano-medicine), as reflected in the Indian studies is being explored

S.No.	Name of the foreign University/Institution with which MOU has been exchanged	Brief title/ subject of the project	Contact person for MOU	Date signing of MOU	Present status
5.					<p>from the German side.</p> <ul style="list-style-type: none"> Replication of model of Dichromat Other clinical research projects of mutual interest
	Institute for the history of medicine, Robert Bosch foundation	Development of Museum on AYUSH system in India, archives on Homoeopathy in India, on similar lines as of Institute for History of Medicine, Stuttgart, Germany, Exchange of information, documentation and scientific publications; Joint organization of conferences, seminars etc., Fellowship programme for research scientists of CCRH	<p>Int'l: Dr. Martin Dinges, Deputy Director, Institute for History of Medicine, Stuttgart, Germany</p> <p>Council: Dr. Renu Mittal, RO, S-III</p>	15 th June 2017	<ul style="list-style-type: none"> A bilateral meeting was held on 7th February 2017 at CCRH Hqrs, New Delhi with Dr. Martin Dinges, Deputy Director, Institute for History of Medicine, Stuttgart, Germany, an Archivist, in which it was decided that training on archives may be imparted to Council official(s) for the museum work. In turn, two non-technical officials of CCRH Library have completed a "Certificate course in Records management" organized by National Archives of India, New Delhi for a period of 4 weeks in September, 2017. One official has also attended an extended course for this. Council has launched its archive in April 2019. Updates on same are being done.

S.No.	Name of the foreign University/Institution with which MOU has been exchanged		Brief title/ subject of the project	Contact person for MOU	Date signing of MOU	Present status
6.	USA	Homoeopathic Pharmacopoeia of the United States	Tri-party MOU of CCRH with HPUS & PCIM &H. Revision & harmonisation of pharmacopeias of drug proving, drug validation, standardization, regulation of homoeopathic drugs, exchange of drug monographs	Int'l: Dr. Jay Borneman Council: Ms. Renu Arya, RO	23 rd Feb 2017	<ul style="list-style-type: none"> 03 Skype discussions have taken place on various issues under Monograph Harmonization: Mapping, Sharing/ exchange the data and raw material for Harmonization. Third meeting of HPCUS & CCRH was held on 23rd&25th January 2019 on the sidelines of International Forum 'Regulation of Homoeopathy Medicinal Products'.
7.	Argentina	Universidad Maimonides	Encourage & promote co-operation in joint research projects, exchange of documentation & scientific publication, organization of conferences, workshop etc., exchange of experts for training programmes, co-operation in education activity, courses, seminars etc.	Int'l: Dr. Jose Eizayaga Council: Dr. Anupriya, RO, S-I	26 th Aug 2016	Under the MoU, a multi-country study: "Prevalence of selected objective signs of the muriatic family of homeopathic medicines" was designed and initiated in India in 05 institutes/units of Council (Noida, Kolkata, Port Blair, Agartala and Gudivada). The data has been recorded in a uniform spreadsheet and skype meetings have been held with the international investigators to share the progress of the study at all the centres. In India, 6293 patients from general population have been screened as per protocol and

S.No.	Name of the foreign University/Institution with which MOU has been exchanged		Brief title/ subject of the project	Contact person for MOU	Date signing of MOU	Present status
						188 patients have been prescribed a Muriatic remedy since inception. The data obtained so far is under analysis and discussion with the international investigators.
8.	Armenia	Yerevan State Medical University, Government of Armenia	Establishment of an "Academic Chair" in Homoeopathy in institute to undertake academic & research activities, design academic standard, improvement in curriculum development, provide academic leadership to the institute, explore feasibility of collaborative research, conduct workshops, seminars & advocate safe use of Homoeopathy in Armenia	Council: Dr. Suhana Aziz, RO, S-I	09 th April 2016	As per the MoU, a Chair of Homoeopathy was to be developed and accordingly, Ministry of AYUSH was deputed to the University, Prof. Dr. Alok Kumar, Former Advisor, Ministry of AYUSH, Govt. of India. <i>However, the seat is now lying vacant after Dr. Saxena returned to India.</i>
9.	Canada	College of Homeopaths of Ontario (CHO)	Co-operation in the field of Research & Education in Homoeopathic Medicine	Int'l: Dr. Bhupinder Sharma Council: Dr. Deepti Singh, RO, S-I	09 th April 2016	<ul style="list-style-type: none"> Joint Working group has been constituted. In November 2018, Dr. Anil Khurana, Deputy Director General visited the Canadian Homoeopathic Conference at Niagra Falls, Ontario, where he took the opportunity to interact with the CHO representatives. The Council has sent a set of

S.No.	Name of the foreign University/Institution with which MOU has been exchanged	Brief title/ subject of the project	Contact person for MOU	Date signing of MOU	Present status	
					publications to CHO.	
10.	UK	Royal London Hospital for Integrated Medicine	<p>To strengthen co-operation in the field of Research and Education in Homoeopathic Medicine.</p> <ul style="list-style-type: none"> • Joint Research may include: randomized, double-blind control trial in AOM. • Systemic review & meta-analysis of HPT • Prospective, observational study to validate prescribing indications for commonly used Homoeopathic medicines. 	<p>Int'l:</p> <p>Council: Dr. Harleen Kaur, RO, S-I</p>	11 th Nov 2015	<p>In order to give international visibility to Council's work, following activities are being undertaken:</p> <ul style="list-style-type: none"> • A Systematic review of provings published during 1995-2015 is being undertaken. • Four (04) manuscripts to project Homoeopathy in Public Health with Indian Perspective are being prepared. Of these, one article on 'Effectiveness of homeopathic medicines as add-on to institutional management protocol for acute encephalitis syndrome in children: an open-label randomized placebo-controlled trial' has been published. Other papers Homoeopathy in Dengue and Situation of Homoeopathy in Public Health in India have been accepted for publication. • In October 2018, a representative from CCRH, Dr. Harleen Kaur, Research Officer, CCRH, presented a talk on the role of

S.No.	Name of the foreign University/Institution with which MOU has been exchanged		Brief title/ subject of the project	Contact person for MOU	Date signing of MOU	Present status
						<p>India in global collaborations in Homoeopathy during 98th Faculty of Homoeopathy (FoH) Congress.</p> <ul style="list-style-type: none"> • FoH has proposed lot of scope for joint work on Homoeopathy between India and UK, and the talks are in progress for drafting further action plan.
11.	Mexico	Instituto Politecnico Nacional through the Escuela Nacional De Medicina Y Homeopatia	Setting up of an Academic Chair in Homoeopathy in the National School of Medicine and Homoeopathy of the IPN, joint research projects, organization of studies, seminars, conferences, courses, exchange of information, documentation and scientific publication	Council: Dr. Varanasi Roja, RO, S-II	17 th Oct. 2012	<ul style="list-style-type: none"> • MOU has not been signed with Mexico yet; only letter of Intent was signed. • A dossier on 'Homoeopathy for Gentle Healing' has been translated in Spanish • Communication with IPN has been revived after a letter from Director General, was sent dated 23rd April 2019. The Director, National Polytechnic Institute, National School of Medicine and Homeopathy has shown interest for the cooperation between the Mexico- India in the strengthening of traditional medicine and homoeopathy and would like to contribute in:

S.No.	Name of the foreign University/Institution with which MOU has been exchanged		Brief title/ subject of the project	Contact person for MOU	Date signing of MOU	Present status
						<ul style="list-style-type: none"> a) Participation in research projects b) Common participation in international project for international cooperation c) Organization of seminars courses and studies in common interest areas d) Exchange of information, documentation and scientific publications e) Common organization of conferences, seminars, workshops and symposia f) Participation in drug proving program

Visits of foreign resource persons/ delegations

CCRH has been host to several guests and delegations in the reporting year for international dialogue and/or exchange of information.

Visit of Dr. Philippa Fibert and Dr. Beverley Nickolls from Queen Mary University, London

Dr. Philippa Fibert, a post-doctoral researcher and Dr. Beverley Nickolls, a PhD. student from Queen Mary University, London (QMUL), a renowned London university, visited Council on 26-27 February 2019. Dr. Fibert's presented her work on Attention Deficit Hyperactivity Disorder (ADHD) and Trials within Cohorts (TwiCs) whereas Dr. Nickolls, pursuing her P.h.d with specialisation on homoeopathic treatment of psoriasis, visited for some first-hand experience psoriasis cases and their treatment in the OPD units of Council, and to understand the functioning of Council.



International seat

- Dr. Raj K. Manchanda, Director General, CCRH is Secretary for Research of renowned international body Liga Medicorum Homoeopathica Internationalis since June 2012.
- Dr. Bindu Sharma, Research Officer, (Scientist - IV) CCRH, is the Editor-in-Chief of the international journal, Homoeopathic Links, since July 2018.

NATIONAL COLLABORATIONS WITH HOMOEOPATHIC MEDICAL COLLEGES

Under the initiative of - Linking research with education few years back, the Council launched the Short Term Studentship in Homoeopathy Scheme (STSH) for undergraduate Students (<http://ccrhscholarship.in/STSH2016/>) and CCRH Scholarship Scheme for MD/ PhD Students (<http://ccrhindia.org/pdf/MDScheme.PDF>) as a step towards capacity building and encouraging research aptitude among undergraduate, post graduate & PhD students. Since inception of program in 2014, many students have been awarded scholarship with a continuous increase in number of awardees each year.

In a step forward, the Council has signed Memorandum of Understanding (MoU) with 28 interested PG Homoeopathic medical colleges for collaboration in training & research in identified areas of interest since 2016 till date. The vision behind the agreement is to inculcate research aptitude amongst students & faculties by providing technical support for capacity building through training workshops, webinar setc; provide impetus to research infrastructure in the college; establish joint/ collaborative research OPDs in the premises of homoeopathic colleges/institutes; tap the clinical data in research mode in a methodical manner and further take up specific projects as/where feasible.

In year 2016-17, MoU was signed with Homoeopathy University, Jaipur for Dr. MP Khunteta Homoeopathic Medical College while in year 2017-2018 MoUs were signed with Govt. Homoeopathic Medical College, Bhopal, R.B.T.S Homoeopathic Medical College, Bihar and Motiwala Homoeopathic Medical College, Nashik and Dr. M. L. Dhawale Trust, Maharashtra.

During the reporting year, CCRH exchanged MoUs with 23 interested homoeopathic colleges during the Scientific convention on the auspicious occasion of World Homeopathic Day 2018 to guide them in the area of research & training.

Table 1

S. No.	Name of the Colleges	State
1.	Ahmedabad Homoeopathic Medical College	Gujarat
2.	A.M Shaikh Homoeopathic Medical College & Hospital	Karnataka
3.	Anand Homoeopathic Medical College & Research Institute	Gujarat
4.	Bakson Homoeopathic Medical College	Uttar Pradesh
5.	Baroda Homoeopathic Medical College	Gujarat
6.	BharatiVidyapeeth Homoeopathic Medical College & Hospital	Maharashtra
7.	Calcutta Homoeopathic Medical College & Hospital	West Bengal
8.	D.N.De Homoeopathic Medical College & Hospital	West Bengal
9.	Dhondumama Sathé Homoeopathic Medical College & Hospital	Maharashtra
10.	Dr.V.H Dave Homoeopathic Medical College	Gujarat
11.	Father Muller Homoeopathic Medical College	Karnataka
12.	Foster Development Homoeopathic Medical	Maharashtra
13.	Dr.Gururaju Govt. Homoeopathic Medical College	Andhra Pradesh
14.	SNJB's Smt. Kanchanbai Babulalji Abad Homoeopathic Medical College	Maharashtra
15.	Panchsheel Homoeopathic Medical College & Hospital	Maharashtra
16.	Sonajirao K shirsagar Homoeopathic Medical College	Maharashtra
17.	Shri Ganga Nagar Homeopathic Medical College	Rajasthan

S. No.	Name of the Colleges	State
18.	Sarada Krishna Homeopathic Medical College	Tamil Nadu
19.	Vinayaka Mission's Homoeopathic Medical College & Hospital	Tamil Nadu
20.	Naiminath Homeopathy Medical College	Uttar Pradesh
21.	JIMS Homoeopathic Medical College and Hospital	Andhra Pradesh
22.	G.D. Memorial Homoeopathic Medical College and Hospital	Bihar
23.	Smt. A.J. Savla Homoeopathic Medical College and Research Institute	Gujarat

Activities in the reporting year:

Orientation cum training programme was organized at AYUSH Auditorium, J.L.N.A.A.B on the 27th Sept 2018 for nominated nodal officers/faculties from the colleges to orient them about the research needs and ways to create a research conducive environment in the colleges. 46 participants from 28 colleges all across India attended the programme wherein lectures were taken by field experts in various areas like biostatistics, reforms in ethical guidelines, documentation & publication ethics etc. To further understand about the available infrastructure the needs of the colleges, information about available research infrastructure was also sought to understand the requirements of the colleges.

In addition to this, specific research activities have been taken up with the following colleges:

Table 2

Colleges	Activities during reporting year
Govt. Homoeopathic Medical College, Bhopal	CCRH collaborative O.P.Ds: Dermatology, Ophthalmology, Rheumatology and Paediatrics have been established in the college since July 2017. 1756, 340, 535 and 955 patients have been attended in these OPDs respectively and cases have been recorded as per predefined format in research mode. A collaborative research study titled: "A clinical and molecular study to explore the effect of Homoeopathy in Psoriasis" with the aim to assess the serum levels and expression of cytokines in Psoriasis patients being treated with Homoeopathic drugs has been identified to be taken up at the collaborative OPD. Two national level training workshops on Research Methodology & Biostatistics have been conducted by CCRH scientists at GHMC, Bhopal in July 2017 and May 2018 for 02 batches of PG students (Approx 150 students) and faculty.
Motiwala Homoeopathic Medical College, Nashik	Pre-trial preparations to undertake a clinical research study in Haemophilia at Motiwala HMC, Nashik are underway.
JIMS Homoeopathic Medical College, Telangana	A research study titled: 'A study of conventional and homoeopathic paradigms in treating children aged 0-18 months' has been initiated in Sept 2018.
R.B.T.S Homoeopathic Medical College, Muzzafarpur, Bihar	02 collaborative research OPDs in areas of Dermatology & Respiratory conditions have been opened at RBTS college in November 2018. 222 and 255 patients respectively have been reported in these OPDs and cases have been recorded as per predefined format in research mode.
Dr. MP Khunteta Homoeopathic Medical College, Jaipur	01 Dermatology Collaborative Research OPD is functioning at the college since inception and data is being captured in research mode. In the year 2018-19, around 2669 patients visited the OPD for various conditions like Allergic dermatitis, Warts, Alopecia, Acne, Tinea etc.

HOMOEOPATHY FOR HEALTHY CHILD

Central Council for Research in Homoeopathy under directions from Ministry of AYUSH developed a pilot program on “Homoeopathy for Healthy Child “with a targeted approach to promote healthy dentition in children, treating the associated ailments like diarrhoea, fever/URTI etc. with other identified conditions and to sensitize audience about the benefits of homoeopathic medicines.

The program was initiated in 2015. Presently the program is being implemented through 07 institutes/units of CCRH in 07 districts in 10 pre-identified blocks.

ANM/ASHA have been trained to identify dentition related problems in teething children and are being provided home based care for common diseases like diarrhea and URTI in coordination with homoeopathic physicians who have been sensitized about the program. A training manual in local language has been developed which details the dentition pattern in children, the requirement and importance of oral hygiene and home based care of common dentition related problems. A kit comprising of six most frequently used medicines for dentition and related complaints viz. Calcarea Phosphoricum 6X, Ferrum Phosphoricum 3x, Magnesium Phosphoricum 6X, Belladonna 30, Chamomilla 30, and Podophyllum 30 was made to be used by ANM/ASHA. Data of these children is maintained through proper documentation and regular follow ups. Monthly review meetings and open interactions are held with the ANMs/ASHAs and with the parents of children who may have any concerns about their child.

During the reporting year, the enrollment was stopped at 05 centres except Jaipur & Ranchi. The enrolled children were followed up in quarterly held review meeting for their dentition patterns diseases related to dentition. The date is as follows:

Table 1: Program coverage

S. no.	State	Institutes	Districts	Identified Blocks
1.	Assam	RRI(H), Guwahati	Kamrup	Dhirenpara, Central Zone block
2.	Delhi	CCRH(Hq), New Delhi	New Delhi	Delhi Cantonment
3.	Maharashtra	RRI(H), Mumbai	Palghar	Vikramgad
4.	Odisha	DPU, BBSR, Bhubneshwar	Cuttack	Niali, Kantapada
5.	Uttar Pradesh	DDPRCRI(H), Noida	Gautam Budh Nagar	Bisrakh, Dadri
			Gorakhpur	Bhatahat, Chargawan
6.	Rajasthan	RRI(H), Jaipur	Jaipur	Amber
7.	Jharkhand	CRU(T), Ranchi	Ranchi	Kanke

Table 2: Achievements:

Achievements	Since Inception till 31 st March 2019	During 2018-2019
Training Programs	42	00
Review meeting conducted	636	110
ASHA/ANM are trained	2128	00
AWW sensitized	1752	00
Children enrolled	79891	6043
Diarrhea Reporting (Responding)	11367(10558)	2460(2410)
URTI/Fever Reporting (Responding)	17428(16299)	2884(2834)

Table 3 : State/Blocks wise detail from 1st April 2018 to 31st March 2019 are as follows:

Sl. no.	State/Blocks	No. of review meetings held	No. of children enrolled (6 Months - 12 Months)	No. of children enrolled(13 Months -36 Months)
1.	Delhi (Cantonment)	-	-	-
2.	Guwahati (Capital & Dhirenpara)	31	425	70
3.	Mumbai (Vikramgad)	12	38	00
4.	Bhubaneshwar (Niali & Kantapada)	17	187	13
5.	Noida (Bisrakh & Dadri)	16	282	148
6.	Ranchi (Kanke)	20	1799	2798
7.	Jaipur (Amber)	14	177	106
Total		110	2908	3135

Table 4 : Diarrhoea and URTI/FEVER from 1st April 2018 to 31st March 2019

Sl. no.	State/Blocks	From 1 st April 2016 to 31 March 2018			
		Diarrhoea Reported (Responded)	Diarrhoea Reported (Responded)	URTI/FEVER Reported (Responded)	URTI/FEVER Reported (Responded)
		6 months - 12 months children	13 months- 36 months children	6 months- 12 months children	13 months- 36 months children
1.	Delhi (Cantonment)	-	-	-	-
2.	Guwahati (Capital & Dhirenpara)	319(299)	441(426)	466(453)	706(687)
3.	Bhubaneshwar (Niali & Kantapada)	40(38)	55(48)	99(97)	76(71)
4.	Mumbai (Vikramgad)	11(8)	15(12)	25(19)	20(15)
5.	Gautumbudh nagar (Bisrakh & Dadri)	3(3)	3(3)	2(2)	0(0)
6.	Ranchi(Kanke)	901(901)	616(616)	992(992)	456(456)
7.	Jaipur(Amber)	34(34)	22(22)	11(11)	31(31)
Total		1308(1283)	1152(1127)	1595(1574)	1289(1260)

Table 5: Other complaint associated with dentition From 1st April 2018 to 31st March 2019

Sl. no.	State/Blocks	Children reported with Anaemia		Children reported with Colic		Children reported with Irritability	
		6 - 12 months children	13 - 36 months children	6 - 12 months children	13 - 36 months children	6 - 12 months children	13 - 36 months children
1.	Delhi (Cantonment)	-		-	-	-	-
2.	Guwahati (Capital & Dhirenpara)	2	13	26	56	-	-
3.	Bhubaneshwar (Niali & Kantapada)	0	0	0	0	0	0
4.	Mumbai (Vikramgad)	0	0	0	0	0	0
5.	Gautum Budh Nagar (Bisrakh & Dadri)	0	0	0	0	0	0
6.	Ranchi (Kanke)	0	0	90	156	00	17
7.	Jaipur (Amber)	2	19	1	8	55	15
	Total	4	32	117	220	55	32

SWASTHYA RAKSHAN PROGRAMME

Swasthya Rakshan Programme is ongoing in 55 identified villages/colonies by 11 Institutes of the Council. The objective is to provide homoeopathic treatment, screening, identification of risk factors and early diagnosis of diseases, Health promotion, assessment of health status and creating awareness about Homoeopathic system of the medicine.

ACTIVITIES UNDERTAKEN

A. Health Survey:

Family and Individual Health Surveys were initiated in April 2016 to assess hygiene measures adopted by the people in the households as a routine activity and to educate them in this regard. Under the survey the data of post family survey shows that there is change in behaviour of the people in adopting hygiene measures especially washing of hands, covering of food articles, use of toilets and use of clean water to drink. 38517 families have been covered and health screening of 50389 persons have been conducted.



Doctors and paramedic staff communicating with the people during Swasthya Rakshan Survey conducted at household level

B. Medicare services:

During the reporting year, 2128 Swasthya Rakshan Camps/OPDs have been organized and 101006 patients have been benefitted with homoeopathic treatment.

C. SRP Awareness Campaigns/ Rallies

Mass campaigning through rallies for promotion of healthy lifestyles and hygiene were organized in school of identified villages. Nukkad Nataks and public lectures were also organised focussing on personal, environmental & social hygiene in the villages involving school children. Under Poshan Abhiyan in September 2018 special lectures on diet, iron deficiency anemia, deworming, hygiene, menstrual hygiene, maternal health were delivered. Public awareness lecture on importance of nutrition during pregnancy, post natal period, childhood and adolescence were also delivered. More than 1500 people were sensitized. Under Swachhata Pakhwada in October 2018 special lectures on benefits of cleanliness and hygiene were delivered. Awareness lectures on Swachhta and waste management, safe disposal were also delivered.

Outcome:

- A substantial impact has been noted in all 5 adopted villages. Higher numbers of population were

benefitted in the prevention of common ailments arising due to unhygienic living conditions.

- No. of beneficiaries: 101006 people have been provided treatment.
- No. of camps conducted: 2128 Parikshan camps have been conducted in the adopted villages. Mass campaigning through rallies, nukkad natak and public lectures are also conducted in identified villages.
- Common prevalent diseases in the identified villages are upper respiratory tract infections, cough, dermatitis, myalgia, headache, cervical and lumbar spondylosis, gastritis, diabetes mellitus and osteoarthritis.
- Increased awareness is noticed among the population coming in the screening camps by adoption of healthy lifestyle and hygienic measures owing to massive health promotion campaigns done before and during conducting camps and OPDs.
- Concept of using homeopathic medicines has been popularized in a massive way and a significant number of people are opting to homoeopathy and were benefitted.

Homoeopathic treatment being provided at Swasthya Rakshan Camps / OPDs



RRI(H) Gudivada



RRI(H) Mumbai

Swasthya Rakshan Awareness Campaigns/ Rallies held by the staff of the SRP Programme.



Poshan Abhiyaan (National Nutrition Mission) is India's flagship programme to improve nutritional outcomes for children, pregnant women and lactating mothers. Launched in March 2018, the programme, through use of technology, a targeted approach and convergence, strives to reduce the level of stunting, under-nutrition, anemia and low birth weight in children, as also, focus on adolescent girls, pregnant women and lactating mothers, thus holistically addressing malnutrition.

As desired by Ministry of AYUSH, Council through its 23 institutes has undertaken activities under the abhiyan for promoting health and nutrition. The activities have been undertaken for patients in the OPD and speciality clinics, schools, villages during health camps. The participants were patient at OPD of the institutes and health camps in villages, mainly women, adolescents, school going children.

Table 1

S. No.	Areas Covered	Numbers	Participants
1.	Villages	79	1755
2.	OPD and specialty clinics	47	3775
3.	SC dominated areas	28	2038
4.	Schools	27	3062
5.	Homoeopathy for Healthy Child,	5	295
6.	Child friendly clinics, anganwadi and ICDCS Poshan Rally	2	130
7.	Total	188	11055

Activities undertaken under the program

- Display of posters, charts in the OPD related to nutrition, healthy food and diet
- Development of IEC material [banners, posters] related to poshan abhiyan in regional languages.
- Organization of rallies for creating awareness
- Health talks delivered in OPD and during health camps in villages.

Table 2

S. No.	Name of activity	Numbers	Participants
1.	Awareness lectures on Poshan Abhiyan, diet, aneamia, deworming, hygiene, malnutrition, recipe demonstration and role of Homoeopathy, non-communicable diseases and lifestyle disorders, menstrual Hygiene, girl's education, right marriage age and adolescence period, antenatal Care, breast feeding and nutrition during pregnancy, Child Health, yoga and exercise and herbal plants.	182	10995

Integration of AYUSH (Homeopathy along with Yoga) in the National Programme for Prevention and Control of Cancer, Diabetes, Cardiovascular Diseases & Stroke (NPCDCS)

Central Council for Research in Homoeopathy under Ministry of AYUSH has integrated Homoeopathy with Yoga on a pilot basis and implemented and executed the Integration of AYUSH (Homoeopathy with Yoga) in the National Programme for Prevention and Control of Cancer, Diabetes, Cardiovascular Diseases & Stroke with AYUSH (Homoeopathy along with Yoga) project on pilot basis at two identified districts i.e., Krishna (AP) since September 2015 and at Darjeeling district (WB) since February 2016 with 9 and 7 Lifestyle disorder clinics (AYUSH LSD) respectively, in the premises of respective State Government health facilities i.e., CHC and above.

Further, the program has been extended to two more tribal districts since May 2017 i.e., at Sambalpur (Odisha) and at Nashik (Maharashtra) with 03 Lifestyle disorder clinics (AYUSH LSD) at each district, in the premises of respective State Government health facilities i.e., CHC and above.

Objectives of Integration of Homoeopathy/Yoga in NPCDCS Program

- Health promotion of masses through behavior change
- Disease prevention through early diagnosis of NCDs (prevention and control of Diabetes, Cardiovascular Diseases, Cancer, chronic obstructive pulmonary diseases and Stroke during the first phase)
- Reduction in NCD burden and their risk factors
- Early management of NCDs through homoeopathic treatment alone or as add on to standard care

Strategies of Integrated NPCDCS Programme

- Outreach activities: Screening for timely detection of various NCDs at the level of PHC and CHCs/CHNCs/BPHC on regular basis.
- Yoga classes for the general masses
- Advise on diet and lifestyle management
- Treatment cum follow up of population under homoeopathic treatment alone or as add on to standard care along with therapeutic lifestyle changes.

Expected outcomes

Integration of homoeopathy along with Yoga would enable in prevention and control of NCDs through health education, promotion, behavioral change, early detection and to avoid complications.

Achievements:

The foresaid programme is functional at 22 identified LSD clinics. The overall achievements so far since inception and the reporting year from 1st April 2018 to 31st March 2019 are as follows:

Table 1: Overall achievements

Benefits extended	Achievements since inception till 31st March 2019	Achievements from 1st April 2018 to 31st March 2019
Patients given homoeopathic treatment in the LSD clinic and benefitted	432959	152764
Patients screened for NCDs (as per screening criteria)	163814	60364
Patients treated for NCDs	54368	15161
Patients data documented on structured format	14726	6523
Yoga Classes conducted	20738	7853
Number of persons who attended yoga classes	273765	75132
Outreach camps conducted	1132	309
Provisional/known diagnosis of NCDs	85573	34064
Pre-Hypertension	14074	7000
Hypertension	33007	10922
Pre-Diabetes	4055	2497
Diabetes Mellitus	11033	3230
Dyslipidemia	578	49
Chronic Obstructive Pulmonary disease	1472	410
Coronary artery disease/CVD/Stroke	313	113
Cancer	57	14
Multi Morbidity (patients suffering from more than one NCD mentioned above)	20912	8740

The aforesaid program is functional at 22 identified LSD Clinics. The overall achievements during the reporting period (1st April 2018 to 31st March 2019) are as follows: 60,364 have been screened for selected non-communicable diseases and 309 out-reach camps were conducted at the four identified districts out of which 15,161 patients with NCDs were being enrolled and treated. A total of 7,853 classes have been conducted and 75,132 persons attended the yoga classes. Overall including follow ups a total of 1,52,764 patients have been benefitted from Integrative Homoeopathic treatment and Yoga. The district wise details for the reporting period (1st April 2018 to 31st March 2019) is given below:

Table 2:

Benefits extended	Krishna	Darjeeling	Sambalpur	Nashik	Total
Patients given homoeopathic treatment in the OPD of LSD clinic and benefitted	87657	26435	20056	18616	152764
Persons screened for NCDs (as per screening criteria)	23457	8617	13498	14792	60364
Patients treated for NCDs	8756	3718	888	1799	15161
Patients treated with documentation	1963	1873	888	1799	6523
Yoga classes conducted	1408	2435	1181	2829	7853
Persons who attended yoga classes	25099	25592	13533	10908	75132
Outreach camps conducted	201	0	42	66	309

Benefits extended	Krishna	Darjeeling	Sambalpur	Nashik	Total
Provisional/known diagnosis of NCDs	11966	5703	8244	8151	34064
Pre-Hypertension	1195	817	2078	2910	7000
Hypertension	4051	3175	2096	1600	10922
Pre-Diabetes	455	161	1505	376	2497
Diabetes Mellitus	1952	199	732	347	3230
Dyslipidemia	47	0	1	1	49
Chronic Obstructive Pulmonary disease	315	48	1	46	410
Coronary artery disease	55	3	22	33	113
Cancer	7	1	1	5	14
Multi Morbidity (patients suffering from more than one NCD mentioned above)	3889	1297	1808	1746	8740

Research Achievements:

A life style disorder case recording format has been developed for capturing data of the cases that are enrolled and documented in this integrated pilot project. During the reporting period (1st April 2018 to 31st March 2019) 6,523 cases have been documented. The break-up of cases districts wise are as follows:

Table 3: No. of patients benefitted district wise

Name of the CHC/LSD clinic	Krishna	Darjeeling	Sambalpur	Nashik	Total
Pre-HTN	38	200	66	286	590
Stage 1 HTN	218	252	349	310	1129
Stage 2 HTN	469	729	81	301	1580
Pre-Diabetes	41	27	34	61	163
DM	551	77	183	181	992
Dyslipidemia	20	0	2	0	22
COPD	56	10	1	31	98
CAD/CVD/Stroke	5	0	3	17	25
Cancer	3	0	1	1	5
Multi Morbidity	562	578	168	611	1919
Total cases documented as per the LSD format	1963	1873	888	1799	6523

Monitoring visit to Krishna district

A Central Monitoring Team comprising of Dr. L. Swasticharan, CMO (NPCDCS-AYUSH), Dte.GHS; Dr. Ch. Raveender, Asst. Director (H), Scientist-4, Officer-In-charge, Regional Research Institute of Homoeopathy, Gudivada; Dr. Varanasi Roja, Research Officer (H), Scientist – 2, CCRH, New Delhi; Dr. Tippe Swamy, Principal, Dr. GGH Medical College, Gudivada as an External Expert were participated in the monitoring visit of all 9 NPCDCS AYUSH project LSD clinics in Krishna District to analyse the implementation of the Program in the district from 8th & 9th January, 2019. The team visited all the LSD clinics under 9 NPCDCS AYUSH project located in District Head Quarter Hospital-Area Hospitals Community Health Centers at Avanigadda, Challapalli, Gudiviada, Machilipatnam, Nandigama, Nuzvidu, Tiruvuru, Vissannapeta & Vuyyuru and interacted with AP State Health Authorities and patients at LSD clinics. During the two day monitoring/review visit, the team oversaw all the records, results, spreadsheet related to the project. The team interacted with state authorities for feedback about the project and to extend support for smooth continuation of the program.

Thereafter, on 9th January, 2019, the team interacted with all the Research Associates, Yoga Instructors and other staff members involved in the NPCDCS AYUSH project at RRI (H), Gudivada and monitored them for doing the work and record all the data efficiently.

SC HEALTH CAMPS UNDER SCHEDULE CASTE SUBPLAN COMPONENT

For the benefit of the SC population, Council has undertaken a programme to conduct health camps in the villages having more than 40% SC population. Under this programme, 53 villages have been adopted by the 19 institutes/Units to undertake the activity. The objective of the programme is to provide free medical facilities to the people at their doorstep and create awareness/educate people about the healthy lifestyle through health promotion activities

Activities undertaken:

- Providing free Medicare health services to the SC population.
- Identification of common prevalent disease in the villages.
- Health promotion & health education.

SC Awareness Campaigns/Rallies:

Under Swacchta Pakhwada in Oct 2018, special lectures on residential environment cleanliness and hygiene were delivered. Mass campaigning through rallies, seminars, workshops, pamphlet distribution and street plays for promotion of healthy lifestyles and hygiene were organized in schools of identified Villages of SC health camp. Activities like tree plantation, hand washing technique and use of sanitizers were promoted. Under Poshan Abhiyan in September 2018, special lectures on diet, iron deficiency anemia, deworming, hygiene, menstrual hygiene, maternal health were delivered at 28 SC dominated areas in which 2038 participants were sensitized.

Achievements:

- No. of camps held : 3364
- No. of total patients benefited : 104355
- Common diseases identified: Osteoarthritis, Dermatitis, Acute Upper Respiratory Tract Infection, Cervical/Lumbar Spondylosis, Gastritis/APD/GERD, Diabetes Mellitus Type 1, Hypertension, Common Cold/ Rhinitis, Polyarthrititis, Myalgia.

Institute wise details are placed below.

Table 1

Institute	Name of Village	No. of Camps held	No. of Patients benefitted	Common diseases identified
RRI(H) Guwahati	Uzanbazar , Hajo	169	3194	Common Cold/ Rhinitis , Polyarthrititis, Arthralgia, Sciatica/ LBP/ Calcaneal Spur
RRI(H) Jaipur	Shri Ram ki Nangal, Goner	195	3272	Arthralgia Dermatitis/ Eczema/ Backache Acute Upper Respiratory Tract Infection Cough, Asthma

Institute	Name of Village	No. of Camps held	No. of Patients benefitted	Common diseases identified
RRI(H) Shimla	Junga, Janedghat, Baldeya, Naldehra	255	1690	Gastritis (APD), Hypertension Rhinitis, Polyarthrititis, CS/L Spondylosis
RRI(H) Gudivada	Addada(panjendra hamlet), Manikonda, Hanumaan Junction, Jonnapadu	173	7724	Diabetes Mellitus Osteoarthritis Pain in Joints Cervical/Lumbar Spondylosis Neuralgia/Neuritis
CRU(T), Tirupati	Puttur, Srilalahasti, Narayanavanam, Karvetinagar	145	6870	Osteoarthritis Polyarthrititis Sciatica/LBP/Backache Myalgia Gastritis/Acid Peptic Disease
RRI(H) Puri	Gadishagoda, Pirijipur	189	6257	Myalgia Arthralgia Dermatitis Lumbago Osteoarthritis
CRI, Noida	Aamka, Salarpur, Thapkhara, Hajipur	180	4309	Dermatitis Upper Respiratory Tract Infection Acne Myalgia Dyspepsia
CRI(H) Kottayam	Kellara, Kaduthuruty, Vadavathoor	95	4242	Osteoarthritis, Acute Upper Respiract, Infection-Allergic Rhintis, Cervical Spondylosis, Polyarthrititis
HDRI Lucknow	Ahmamau	72	869	Gastritis/Acid Peptic Disease /GERD Dermatitis Fever of unknown origin Myalgia Acne
CRU (H) Chennai	Jyothiammal Nagar, Saidapet Thaiyur	135	2890	Osteoarthritis of Knee Diabetes Mellitus Hypertension Acute Bronchitis Injury
CRU(H)Siliguri	Gossainpur, Champasari,	159	17447	Common Cold Dermatitis

Institute	Name of Village	No. of Camps held	No. of Patients benefitted	Common diseases identified
	Matigara, chhota Pathuramjote			Ringworm/TineaCorporis/ Cruris Sciatica Gastritis Headache
RRI(H) Mumbai	Asalpha, Ghatkopar , Govandi, Chembur	183	4794	Osteoarthritis Arthralgia Common cold Backache Gastritis
Agartala	SN Colony, Jirania	129	1901	Dermatitis & Eczema Dyspepsia/ GERD Upper Respiratory Tract Infection Sciatica/ LBP/ Backache Anorexia
Hyderabad	Shankar nagar (Uppal), Rajeev Nagar Lalaguda, Nehru Nagar	99	2756	Osteoarthritis Sciatica / Low Back Pain/ Backache Arthralgia Spondylosis (Cervical / Lumbar) Dermatitis
RRI(H) Imphal	Tairenpokpi, Sikmai 1, sikmai 2, Khurkhul	147	4483	Cervical/Lumbar Spondylosis Osteoarthritis Sciatica/ LBP/ Backache Anxiety disorder Hypertensive disorder
RRI(H) Kolkata	Tangra Narayanpur Belgachia Kona Road Howrah	161	11415	Acute Upper Respiratory tract infection Sciatica/Low Back Pain/ Backache Ringworm/ Tinea Corporis Gastritis/Acid Peptic Disease/ GERD Dermatitis and Eczema
CRU (H) Puducherry	JJ Nagar, Vennila Nagar, Uthiravaganipet	167	4961	Osteoarthritis Diabetes Mellitus Type 1 Cervical/ Lumbar Spondylosis Arthralgia Common Cold/ Rhinitis

Institute	Name of Village	No. of Camps held	No. of Patients benefitted	Common diseases identified
CVU(H) Patna	Rohantola, Jagmalbigha	118	6151	Pityriasis Alba/Versicolor Cervical/ Lumbar Spondylosis Neuralgia and Neuritis Polyarthritits Tinnitus
CRU (H) Ranchi	Jaipur	171	4411	Injury/Insect bite Cough Fever Common Cold Abdominal Pain
CRU (H) Portblair	Manpur Herpetabad	56	931	Dermatitis Myalgia Allergic Dermatitis Lumbago Arthralgia



PUBLICATIONS & LIBRARY

PUBLICATIONS

Research in different arenas of homoeopathy conducted by CCRH is propagated and disseminated worldwide through apt documentation. Documentation and Publication section play a major role in aiding the publishing and release of all research publications thereby enriching the knowledge pool for homoeopaths.

The periodicals published by the Council include CCRH newsletter and IJRH. CCRH newsletter is published quarterly giving a glimpse of the activities carried out in all the units/Institutes of the Council in that particular quarter. IJRH, an open access peer reviewed journal of the Council publishes the research outcomes of the practitioners, researchers and students. Authors world over submit their manuscript on www.journalonweb.com/ijrh which undergoes a double blind peer review process to get its place in IJRH.

This year, portraying homoeopathic research has been exhibited in the form of coffee table book entitled "Homoeopathy-forging ahead", a prestigious publication developed by the Documentation and Publication Section of CCRH. The book exemplifies the journey of homoeopathic science of gentle healing. It is an illustration about Homoeopathy in India with a focus on the homoeopathic research conducted by the Council since its inception. World Homoeopathy Day'2019 marked the release of this publication.

Periodical publications

1. CCRH Newsletter

CCRH Newsletter, a quarterly publication that provides up-to-date information about the conducted activities of Council in various areas of research, about the meetings and conferences, participation in Arogya Melas, seminars, medical conferences, workshops, new research publications of the Council and national and international recognition of the scientists. During the last one year, volumes 86, 87, 88 and 89 were published by the section.



2. IJRH (Indian Journal of Research in Homeopathy)

In its endeavour to reach out globally, the council has already made its journal IJRH, an open access online journal. It focuses on original research and is an important platform for publishing the research outcomes of various studies conducted by council and outside. During the reporting period, the section has published IJRH Vol 12 No.2, Vol 12 No.3, Vol 12 No. 4 and Vol 13 No.1.

The papers published in different volumes are as under

Volume 12, No. 2 (April-June 2018)

Original Articles

- A randomised comparative study to evaluate the efficacy of homoeopathic treatment -vs- standard allopathy treatment for acute adenolymphangitis due to lymphatic filariasis
- Changes in viral load in different organs of Japanese Encephalitis virus-infected chick embryo under the influence of Belladonna 200C
- Impact of forbidden foodstuffs on the efficacy of homoeopathic medicines: An in vitro evaluation



REVIEW

- Immunomodulatory effects of homoeopathic medicines: A review of pre-clinical studies

CASE REPORTS

- Management of PCOS through Homoeopathy-A case report
- Benign prostatic hyperplasia: An evidence-based case report treated with homoeopathy

BOOK REVIEW

- Book review on “Handbook of recent trends in Homoeopathy for infectious diseases in India and abroad”

Volume 12, No. 3 (July-September 2018)

Original Articles

- Homoeopathic treatment for lower urinary tract symptoms in men with benign prostatic hyperplasia: An open label randomised multicentric placebo-controlled clinical trial
- Physicochemical study of the homoeopathic drug, *Blatta orientalis*
- A clinical study on effect of *Plantago* in gingivitis by assessing bleeding and plaque index
- Assessment of the effectiveness of homoeopathic remedies in improving quality of life of chronic urticaria patients in a typical clinical setting
- An open observational trial evaluating the role of individualised homoeopathic medicines in the management of nocturnal enuresis



REVIEW ARTICLES

- Homoeopathic approach for the treatment of cancer
- Pre-clinical pharmacology: An important aspect in homoeopathic research

CASE REPORT

- Integrative management of diabetic foot ulcer with Homoeopathy and standard care

BOOK REVIEW

- Book review: 'Politics of Prescribing'

OBITUARY:

Dr. Peter Fisher

Volume 12, No. 4 (October-December 2018)**Original Articles**

- An open-label pilot study to identify the usefulness of adjuvant homoeopathic medicines in the treatment of cerebral stroke patients
- Homoeopathic drug dilutions of Thuja occidentalis attenuate complete Freund's adjuvant-induced arthritis in Wistar rats
- Chemoprofiling of homoeopathic drug Holarrhena antidysenterica L.

FEEDBACK SURVEY REPORT

- World Integrated Medicine Forum 2017: A feedback survey analysis

CASE REPORT

- Effect of individualised Homoeopathy in the treatment of infertility

REVIEW ARTICLE

- Republication-predatory journals: A downside on research and hampering the impact and relevance of scientific outcome

OBITUARY: Obituary of Dr. Upma Bagai

Volume 13 No. 1 (January-March 2019)**Original Articles**

- Exploring the predictive value of specific symptom as prognostic factor: Assessment of group-confined likelihood ratio for symptom 'Headache' in 20 lesser-known drugs
- A survey regarding awareness and beliefs about Homoeopathy among general population during Magh Mela at Allahabad, Uttar Pradesh, India
- Homoeopathic drug proving of Magnolia grandiflora: A randomised double blind placebo-controlled trial
- Evaluation of qualitative phytochemical analysis of water extract of Achyranthes aspera and Achyranthes aspera 30

RESEARCH PROTOCOL

- Efficacy of predefined homoeopathic medicines in the treatment of warts: Study protocol of double blind randomised placebo controlled trial

CASE REPORTS

- Resolution of lacrimal gland tumour by Homoeopathic medicines - A case report
- Role of homoeopathic medicine in the treatment of infantile haemangioma

RESEARCH UPDATES:

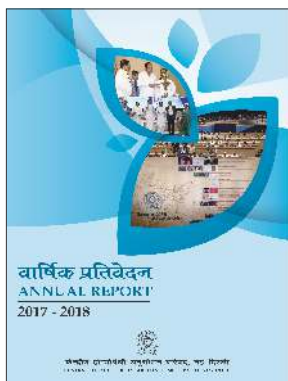
Research Highlights (January–March 2019)

OBITUARY:

Dr. Paras Nath Varma



3. ANNUAL REPORT (2017-18)



Annual report highlights major achievements, success stories, new initiatives undertaken during the year 2017-18. It also shows cases, human resource development activities, important scientific and academic programmes and IEC activities during the year.

4. BOOKS/MAGAZINES

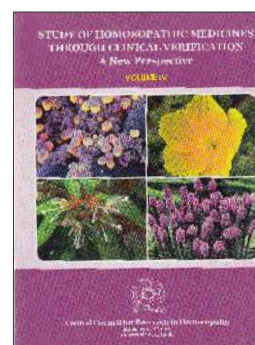
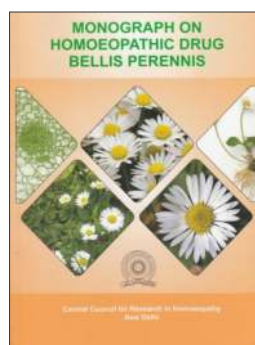
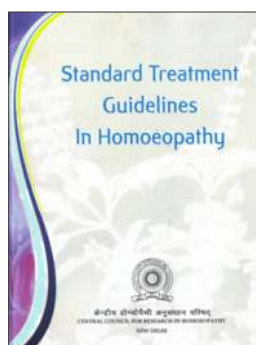
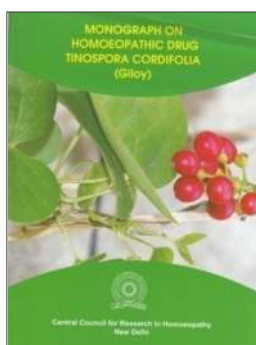
The Council disseminates its research outcomes to researchers and medical /homeopathic fraternity in the form of books, monographs, etc. During the reporting period the section has published 03 books and 02 monographs.

PRICED PUBLICATIONS:

- | | | |
|----|--|------|
| 1. | Standard Treatment Guidelines In Homoeopathy Vol. - 1 | 2018 |
| 2. | Study of Homoeopathic Medicines through clinical verification- A new perspective Vol. IV | 2018 |

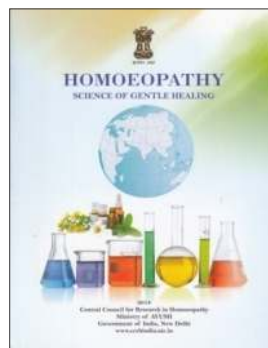
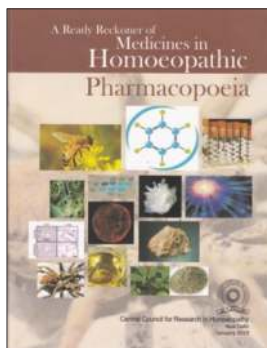
DRUG MONOGRAPH:

- | | | |
|----|---|------|
| 1. | Monograph on Homoeopathic Drug Bellis Perennis | 2018 |
| 2. | Monograph On Homoeopathic Drug Tinospora Cordifolia (Giloy) | 2018 |



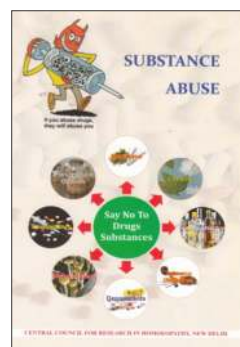
NON PRICED PUBLICATIONS:

- | | | |
|----|---|------|
| 1. | A Ready Reckoner of Medicines in Homoeopathic Pharmacopoeia | 2018 |
| 2. | Dossier: Homeopathy: Science of Gentle Healing | 2018 |
| 3. | Hindi Magazine- Swara | 2018 |



5. HANDOUTS

To create awareness among masses about the current health related issues and scope of homeopathy as a treatment method, following handout was published in this year.



6. ADVERTISEMENT

Designed and printed advertisement on World Homeopathy Day held at Dr. Ambedkar International Centre, Janpath, New Delhi and published advisory in newspaper.



7. Research Publications during the reporting period

Table 1

S. No.	Title	Published in	Outcome
1.	Quercetin Alters Pro-Inflammatory Cytokine changes in Wild Dengue Virus Challenged HEPG2 Cell Line.	World Journal of Pharmaceutical Research, Volume 7, Issue 15, 1137-1149, July 2018	In this study, the effect and role of Quercetin on pro-inflammatory cytokines in HepG2 cells infected with wild virulent dengue viruses of NS1 antigen positive patients' sera was explored and their regulation with respect to the housekeeping gene Beta-

S. No.	Title	Published in	Outcome
			Actin was compared. With quercetin cell aggregates were less, although there were no statistically significant change of TNF- α and IFN- γ , but there was significant down regulation of IL-1 β in quercetin treated virus challenged HepG2 cells.
2.	Homoeopathic treatment of Japanese encephalitis in the light of recent scientific progress.	International Journal of Recent Advances in Multidisciplinary Research, Vol. 05, Issue 07, p.3991-3996, July, 2018	Three homoeopathic medicines-- <i>Belladonna</i> , <i>Helleborus</i> and <i>Phosphorus</i> were found specifically effective in three different stages according to severity and complications of the disease. <i>Belladonna</i> is useful in first stage of encephalitis without effusion. <i>Helleborus</i> is effective in the second stage of the disease with effusion, stupor, dragging of legs and developing paralysis. <i>Phosphorus</i> is indicated when complete paralysis appears due to inflammation and degeneration of brain cells.
3.	Effect of Homeopathic Dilutions of Cuprum Arsenicosum on the Electrical Properties of Poly Vinylidene Fluoride-Co-Hexafluoropropylene	Homeopathy. 2018 May;107(2):130-136. doi: 10.1055/s-0038-1626733	At 10 kHz frequency, both dielectric constant and AC conductivity increased approximately 18 times for the polymer film when incorporated with 2 ml <i>Cuprum ars.</i> in 200C potency. FTIR indicated the increase in conducting phase, while FESEM and EDX confirmed the presence of spherical <i>Cuprum ars.</i> particles.
4.	Changes in viral load in different organs of Japanese Encephalitis virus-infected chick embryo under the influence of <i>Belladonna</i> 200C.	Indian Journal of Research in Homoeopathy: Volume 12 : Issue 2: April-June 2018	The control group showed visible pocks over the CAM; brains were liquefied due to hemorrhagic liquefactive necrosis and white patches were found over the liver. However, the medicine treated group was apparently normal; there were no visible changes in the brain and the liver was healthy like control.
5.	Suppression of viral load by <i>Belladonna</i> 200C through modulation of TLR and type-I IFN signalling pathways	Int J Biol Med Res.2019; 10(1):6635-6640. International Journal of Biological & Medical Research	<i>Belladonna</i> 200C exerts antiviral effect by influencing the TLR signalling pathway which is one of the contributing factors in the immunopathogenicity of JE virus infection. The present study may help in development of targeted immunotherapy by

S. No.	Title	Published in	Outcome
			Belladonna 200C against JE virus in future by altering innate immune signalling.
6.	Effect of pure atropine and atropine sulfate on Japanese encephalitis virus infection in chick chorio-allantoic membrane	Asian Jr. Of Microbiol. Biotech. Env. Sc. Vol. 21, No. (2) : 2019 : 293-299	It was found that there was no pock on atropine and atropine sulfate treated CAM, while they were present in significant numbers in virus challenged CAM without atropine or atropine sulfate. IFN- α and IFN- γ were markedly up regulated in atropine and atropine sulfate added virus challenged CAM respectively. Atropine mainly up regulates type II interferon and atropine sulfate mainly up regulates type I interferon mainly IFN- α in CAM. Thus in this study we found that both atropine and atropine sulfate may restrict the JE viral pathology by modulating the on chick CAM.
7.	Homoeopathic drug proving of Magnolia grandiflora: A randomised double blind placebo-controlled trial.	Indian Journal of Research in Homoeopathy 13:1:2 2-36.	From the pathogenetic effects or symptoms of Magnolia grandiflora, it is evident that this drug can be used for treating different clinical conditions such as headache, palpitation, menstrual abnormality, rhinitis, rheumatic pains and myalgia. The symptoms found during this proving programme may be clinically verified to validate these.
8.	Exploring the predictive value of specific symptom as prognostic factor: Assessment of group-confined likelihood ratio for symptom 'Headache' in 20 lesser-known drugs.	Indian Journal of Research in Homoeopathy ,2019;13:1:4-11	The symptom 'Headache' was recorded in 4582 patients where 20 lesser-known medicines were prescribed. Of these medicines, 8 have a GCLR >1, indicating that the symptom headache could indicate these medicines out of the assessed group of 20. Only 5 had statistically significant confidence interval: Allium sativum, Formicum acidum, Gymnema sylvestre, Avena sativa and Persea americana. Among these, two medicines, Allium sativum and Formicum acidum, have significantly higher GCLR.

S. No.	Title	Published in	Outcome
9.	Effectiveness of Homeopathic Medicines as Add-on to Institutional Management Protocol for Acute Encephalitis Syndrome in Children: An Open-Label Randomized Placebo-Controlled Trial.	Homeopathy. 2018; 107(3):161-171.	Children aged > 6 months and 18 years and receiving IMP were randomized to receive adjunctive homeopathy (n = 325) or placebo as control (n = 323). The data of 612 children was analyzed. The primary outcome, GOS, differed significantly between H and C groups. There was 14.8% death/neuro-vegetative state in the H group compared to 29.8% in the C group. The most frequently used medicines were Belladonna, Stramonium, Arsenicum album, Sulphur, Opium, and Nux vomica.
10.	A randomised comparative study to evaluate the efficacy of homoeopathic treatment -vs- standard allopathy treatment for acute adenolymphangitis due to lymphatic filariasis.	Indian Journal of Research in Homoeopathy: 2018; 12 (2): 64-74	112 Patients were considered for primary outcome analysis as per the Intention to treat principle. (Homoeopathy= 55 and Allopathy= 57) and were analysed on 11th day of treatment. Both the treatments produced equal improvement in ADL scores. During the six months study period, the frequency, duration and intensity of attacks were better in Homoeopathy group compared to allopathy group. There was statistically significant improvement in Homoeopathy for Domain 4 of WHOQOL (P = 0.004) as compared to allopathy group. Medicines like Apis mellifica (n = 23), Rhus toxicodendron (n = 20), Pulsatilla (n = 8), Arsenic album (n = 1), Bryonia alba (n = 1), Silicea (n = 1) and Hepar sulph (n = 1) were found most useful in the acute attacks.
11.	Homoeopathic treatment for lower urinary tract symptoms in men with benign prostatic hyperplasia: An open label randomised multicentric placebo-controlled clinical trial	Indian Journal of Research in Homoeopathy : 2018 ; 12 (3): 113-124	Out of 461 patients screened, 254 patients were enrolled in the study and 241 patients were analysed as per mITT. The mean changes in IPSS and QOL due to urinary symptoms from baseline to end of study had shown a positive trend in all the three groups. Both Homoeopathic Constitutional and Constitutional with organopathic medicine (HCOM) groups were equally effective in terms of managing lower urinary tract symptoms due to BPH.

S. No.	Title	Published in	Outcome
12.	Management of PCOS through Homoeopathy-A case report.	Indian Journal of Research in Homoeopathy: 2018;12 (2):95-100	A case of 22 years female suffering from PCOS was treated successfully by a single individualised homoeopathic medicine <i>Calcarea carbonicum</i> 30-1M with repetition as per requirement. Non-recurrence of complaint in the past 3 years suggests that PCOS can be treated successfully through homoeopathic medicine with lifestyle management.
13.	Benign prostatic hyperplasia: An evidence-based case report treated with homoeopathy.	Indian Journal of Research in Homoeopathy:2018; 12 (2):101-6	A case of Benign Prostatic Hyperplasia was successfully treated with Homoeopathy. In this case, all subjective symptoms were improved after taking the medicine. A reduction in size of prostate gland from 43.4 cc to 24.76 cc and that of residual urinary volume from 130 cc to 65 cc within a time period of 5-6 months was noticed.
14.	Integrative management of diabetic foot ulcer with Homoeopathy and standard care- A case report	Indian Journal of Research in Homoeopathy:2018; 12 (3) :180-6	In this case, the chronic DFU which was resistant to conventional management responded well to the homoeopathic treatment with improvement in the general health apart from the healing of the ulcer. Thus, this case shows the positive role of Homoeopathy in the management of DFU.
15.	An open-label pilot study to identify the usefulness of adjuvant homoeopathic medicines in the treatment of cerebral stroke patients.	Indian Journal of Research in Homoeopathy: 2018;12(4):194-201	This was an open-label pilot study where a marked reduction in the NIHSS score with good recovery was found after adjuvant homoeopathic treatment in 76% patients. The NIHSS score predicts the patient's recovery after stroke. The results of the study emphasize a positive impact of homoeopathic treatment in stroke-affected patients.
16.	Effect of individualised Homoeopathy in the treatment of infertility.	Indian Journal of Research in Homoeopathy: 2018;12(4):231-9	Constitutional homoeopathic treatment has helped an elderly primi to conceive normally despite her established subfertility due to the dual pathology of endometriosis and decreased OR

S. No.	Title	Published in	Outcome
17.	Resolution of lacrimal gland tumour by Homoeopathic medicines - A case report.	Indian Journal of Research in Homoeopathy;2019; 13(1):48-54	The outcome of this case clearly proves that proper selection of the Homoeopathic remedy after classical miasmatic and repertorial approach can remove tumours without any surgical intervention, and this can serve as an alternative option.
18.	Chronic lower back pain treated with combination of Individualised homoeopathy and yoga- a novel case study.	ejpmr; 2018;5(03), 446-450	A combination of Individualized Homoeopathy along with Yoga Asanas used in 10 patients as per the inclusion and exclusion criteria resulted in statistically significant improvement as measured by Oswestry disability index (ODI) ($P < 0.0001$) and VAS scale for severity of pain ($P < 0.0001$).
19.	Homeopathy in Public Health in India.	Homeopathy. 2019 May;108(2):76-87.	This paper provides insight into the infrastructural support put in place by the government of India to meet the aim of providing its people with wider access to homeopathy. The results reveal that Homeopathy services, wherever available, are being used fully and thus sharing the patient load in the government-run wellness centres. Further, there is the potential for more homeopathic practitioners to contribute significantly to health care delivery in India.
20.	“An Assessment of a Public Health Initiative of Homeopathy for Primary Teething”	Journal Homeopathy 2019 Feb;108(1):2-11.	Eleven thousand four-hundred and twenty-six children were followed up regularly. Amongst those who enrolled at 6-7 months, a larger proportion of children were approaching expected teething in successive months as compared with children enrolled at 12 months, thus indicating that teething delays, if any, were overcome during this period. Incidence of diarrhoea and URTI showed decrease in the months after enrolment. Children responded favourably to the medicines given by ASHAs at the time of diarrhoea/URTI episodes.
21.	“Morpho anatomical Observations on Homoeopathic Plant Drug	Pharmacognosy Journal, 2019, 11 ,2, 286-291.	The research work done on <i>Hygrophila spinosa</i> T. Anderson may be taken as pharmacognostical standards for the

S. No.	Title	Published in	Outcome
	Hygrophila spinosa T. Anderson”		identification of plant drug for procurement of genuine and authentic drug.
22.	“Chemoprofiling of Homoeopathic drug Holarrhena antidysenterica Linn.f”	Indian Journal of Research in Homoeopathy 12, 4, 2018-19	The physicochemical and phytochemical study of Holarrhena antidysenterica L. reveals that its bark is rich in phytoconstituents. In UV spectroscopy, λ_{max} values of active constituents of Holarrhena antidysenterica L. were observed at 228 and 278 nm in HT. HPTLC Chemo profiling study shows bands of active constituent in all the four samples, in-house HT (A) and three market samples (B, C and D). However, excess amount of active constituents were found in in-house HT (A) rather than the market samples (B, C and D) [Figures 1-3].
23.	Chemoprofiling of Homoeopathic drug Coffea cruda”	European Journal of Biomedical and Pharmaceutical Sciences (EJBPS) on ISSN 2349-8870, Volume: 5, November Issue: 11 276-281, Year: 2018.	The study was carried out on the basis of HPTLC results on the samples collected from SMPCU OOTY for preparation of mother tincture having higher content of caffeine in comparison from the sample collected from market. UV analysis also performed on the in house HT (<i>Coffea cruda</i>) shows maximum absorbance found at 280 nm. It shows presence of caffeine in in-house HT Chemo profiling of homoeopathic drug/tincture.
24.	Pre-clinical pharmacology: An important aspect in homoeopathic research.”	Indian J Res Homoeopathy 2018; 12(3):164- 79.	This review article not only provides the scientific approaches applied in Homeopathy research but also provides evidence-based information on pharmacological effects of dilutions/potencies as well as mother tinctures of different homeopathic drugs. This review article also reveals the use of improved methodology, molecular techniques and analytical part adopted in recently published research articles to understand the mechanism of action of homeopathic medicines.

S. No.	Title	Published in	Outcome
25.	“Importance of High-Performance Thin Layer Chromatography and UV Spectroscopy in Analysis of Homoeopathic Drug <i>Datura Ferox</i> ”	International Journal of Advances in Science, Engineering and Technology (IJASEAT) Volume-6, Issue-4, on 26th March 2019.	The phytochemical analysis using various reagents showed the presence of secondary metabolites like tannins, alkaloids, flavonoid, triterpenoids, phenolic compound and saponins. Physico-chemical constants viz., ash, extracted values and other parameters can be used as a reliable aid to check the identity, purity and strength.
26.	Physicochemical study of the homoeopathic drug, <i>Blatta orientalis</i>	Indian J Res Homoeopathy, 2018; 12(3):125-31.	The study indicates that the values of the preliminary parameters of this drug are quite different from the ranges reported for plant drugs. TLC study confirms the complexity of the composition of the prepared drug.
27.	Importance of HPTLC in analysis of homoeopathic drug “ <i>Datura ferox</i> ”	International Symposium for High-Performance Thin-Layer Chromatography (HPTLC Asia 2018) at Chulalongkorn University Bangkok, Thailand,	Poster presentation
28.	Effect of Adjuvant Homoeopathy with Usual Care in Management of Thrombocytopenia Due to Dengue: A Comparative Cohort Study	Homoeopathy. e-Publication, March 5, 2019	There was a statistically significant rise in platelet count on day 1 of follow-up in the H+UC group compared with UC alone (mean difference = 12,337; 95% confidence interval [CI], 5,421 to 19,252; p = 0.001). This trend persisted until day 5 (mean difference = 14,809; 95% CI, 1,615 to 28,004; p = 0.02). The time taken to reach a platelet count of 100,000/mm ³ was nearly 2 days earlier in the H+UC group compared with UC alone (H+UC: 3.44 days ± standard error of the mean [SEM] 0.18; 95% CI, 3.08 to 3.80; UC: 5.28 days ± SEM 0.29; 95% CI, 4.71 to 5.86; p < 0.001).

8. Papers Accepted in National & International Journals: -

- Elucidation of Biological Effect of Homeopathic Mother tinctures and its Ultrahigh Dilutions against *Candida albicans*.” in Journal of Complementary and Integrative medicine.
- “Morphological Characterization of Homeopathic Medicinal Plants and Evaluation of their Biological Effect Against the *Microsporiumcanis*.” in International journal of Pharmacognosy and Phytochemical Research.
- “Assessment of Biological effect of Homeopathic Drugs and their Different Potencies against *Aspergillus niger* In-vitro” in Indian Journal of Research in Homoeopathy. Manuscript no.:
- Pharmacognostic and Physicochemical study of *Urticaurens* - a drug used in homoeopathy
- A review on animal-based homoeopathic drug and their applications in biomedicine.

LIBRARY

The inception of this Library and Information Centre dates back to 1979 when a small library was set up with a small collection of about five hundred Publications to start primarily to meet the information needs of the Research Scientists of the Council. With the passage of time, the library grew at a fast pace, and, in order to cater to the ever increasing R&D information needs of the professionals, it systematically and gradually grew as a collection of specialized reading materials such as books, periodicals, reference works, serials in the areas of Homoeopathic Research and Drugs & Pharmaceuticals.

Books: Library develops its collection by purchasing the books on recommendations of Book Selection Committee and on the basis of suggestions received from the research scholars. Library also receives complementary books from Govt. organizations. In the year 2018-19 library added number of 31 books and the total no. of books as on 31.03.2019 are 11220. In the year 2018-19 library added number of 69 books in Hindi Accession register and the total no. of books as on 31.03.2019 are 249.

- Numbers of books purchased	-	21
- Numbers of books received complementary	-	10
- Numbers of books procured (Hindi)	-	69

Journals: Library subscribes to the foreign and Indian journals on Homeopathy as well as Allied medical sciences to help the research scholars with latest updates in the medical field especially in the field of homoeopathy. Library subscribed the following 16 journals for the calendar year 2019.

- Foreign	-	11
- Indian	-	05

e-journals: Following 10 journals are available online:-

1. Complementary Therapies in Clinical Practice
2. Complementary Therapies in Medicine
3. European Journal of Integrative Medicine
4. Explore: The Journal of Science & Healing
5. The Lancet
6. Homeopathy
7. Journal of Alternative and Complementary Medicine
8. Alternative and Complementary therapies
9. ForschendeKomplementarmedizin
10. Homoeopathic Links

Web OPAC Search: The collection of books, bound journals and theses available in Library, are computerized and maintained on Web OPAC (Online Public Access Catalogue). OPAC helps to the users in finding out the availability of books in the library.

Digital Library: Library also contains 2470 number of bound journals and all the back volumes of homoeopathic journals are digitized and are available on LAN server for access to all scientists of the Council's Hqrs office.

Archive on Homoeopathy: CCRH Library has been supporting research and development of Homeopathy with its different services. In 40 years of its existence, the council Library has provided several services in its mission to propagate research findings. Taking the next step towards the development of homeopathy in India, the council's Library has built a hub of homeopathic knowledge, accumulating documents from all corners of world under one roof for the purpose of public and professional consumption.

'Archive on Homeopathy' is a digital repository of accumulated knowledge in homeopathy, having collection of old and valuable books, old journals, research articles, event impressions, annual reports, newsletters, bulletins and other grey literatures spread all over the world.

Library Services

The Council's library is providing following services to its users:-

Reference Services: Library responds to the queries received from Units/Institutes under CCRH as well as Homoeopathic fraternity of the country.

Current Awareness Service: The Library and Information Centre used to bring out the Current Health Literature Awareness Services, a quarterly publication, to keep the users abreast of latest scientific articles published in various journals/magazines subscribed by the Council. This was started in 1988. It covers original articles of homoeopathic and allied subject interest which are broadly classified under various subjects. In the year 2015-16 library has released 28th Vol. of CHLAS. To improve the visibility and accessibility of the index of articles CCRH Library has taken an initiative to provide the service as e-index on monthly basis as "e-CHLAS" and 12 issues have been released during the year 2018.

Research at a Glance: The library of the Central Council for Research in Homoeopathy has introduced a new service in the year 2017-18 "Research at a Glance". The main objective is to disseminate precise information/citation about scientific articles published in various journals/magazine other than the journals subscribed by this Council. The scope of the publication is articles on Homeopathy, Ayurveda, Unani, Yoga. 12 issues have been released during the year 2018-19.

Selective Dissemination of Information

Bibliographic Services: Specific Bibliographies are compiled on request, according to the requirement of users.

Digital Database of Theses: The library has undertaken a project to develop a digital database of theses submitted by the P.G. students under various Homoeopathic colleges in India with a aim to provide help to homoeopathic fraternity and total number of thesis as on 31.03.2019 are 732.

Document Delivery Service: The library attends to photocopy requests about its resources and provides backup services.

COUNCIL'S WEBSITE & SOCIAL MEDIA PAGE (www.ccrhindia.nic.in)

The Council's new dynamic website (www.ccrhindia.nic.in) which was officially launched by Sh. Shripad Yesso Naik, Hon'ble Minister of State (Independent charge) at the World Integrated Medicine Forum on the 23rd and 24th February 2017 has been functioning as the “face of the Council” outlaying updated information about various facets of homoeopathic research carried out by the Council and other activities.

In the last one year, this information has been updated from time to time and new features have been added to enhance visibility and make it more user friendly. In compliance with the GIGW guidelines, the website is also being developed in Hindi language as well, and much information has already been made available.

To inform the end user about its network of 26 Institutes/ Units across India, individual microsites have been linked with the main website which are being updated with information of the respective Institute/Unit on timely basis. The process of development of separate website for few institutes/units has also been initiated in the reporting year.

Development of a portal on Homeopathy archives (a part of the council's website) is also underway which shall serve as a digital repository of homoeopathic knowledge, accumulating documents from all corners of world under one roof for the purpose of public and professional consumptions.

In addition to the website, the council's social media team is maintaining the 'AYUSH Homoeopathy' facebook page, which was created in the month of February 2018 with a vision to disseminate knowledge about homoeopathy to the public at large. In the current year, through continued innovative efforts of the team, the page has been able to witness a tremendous outreach of its self-designed/original posts/factual information from print media etc. going as far as 113.9 K. The page also achieved its landmark 10K likes this year.

Council has its own dedicated YouTube channel with 1.4 K subscribers which is updated with videos of documentaries on homoeopathy, talks from scientific convention on World Homeopathy Day ; seminars on scientific and technical writing etc. from time to time.

Implementation of AYUSH HOSPITAL MANAGEMENT INFORMATION SYSTEM (A-HMIS)

A-HMIS is a comprehensive IT platform to effectively manage all functions of health care delivery systems and patient care in AYUSH facilities. A-HMIS is one of the components of the AYUSH Grid Project which is envisaged as the IT backbone of the AYUSH sector by the Ministry of AYUSH. Real time patient information is collected on a cloud based software platform in a usable format primarily aimed at understanding the morbidity pattern of patients visiting the OPD facilities of the Council. Knowledge about these will help in improving the quality of patient care and also to collect other informations like Advanced Drug Reaction (ADR) etc. to support diagnosis and treatment. It is also aimed at efficient management, documentation and data retrieval of AYUSH hospital systems to derive comprehensive data of all hospitals which would help in research as well as the development of an effective AYUSH Health Policy. The software has registration, OPD and IPD consultation and pharmacy modules. In the phase-I implementation of the A-HMIS, three institutes of the Council viz., National Homoeopathy Research Institute in Mental health (NHRIMH), Kottayam, Dr. D.P. Rastogi Central Research Institute of Homoeopathy (DDPRCRIH), Noida and Regional Research Institute for Homoeopathy, RRI(H), Gudivada have been taken on board for roll out of OPD module in November 2018. The Council has fully equipped these institutes with respect to installation of specific hardware for functionality. The customisation of OPD module according to Homoeopathy is ongoing. Till date a cumulative total of 59,039 patients have been registered in A-HMIS by the Council. The phase II implementation of A HMIS is being taken up in 18 multisites of the Council. The Ministry has imparted the 04 training programmes to 07 research officers during the reporting year as follows

1. Two day training at NIS, Chennai on 22nd and 23rd October 2018 and one day training at CCRS, Chennai on 21st Jan 2019 where 03 officers were trained.
2. Two day training at CCRS, Chennai on 24th & 25th January 2019 where 04 officers were trained.

AYUSH RESEARCH PORTAL

Ministry of AYUSH has developed AYUSH Research Portal for disseminating research information related to all AYUSH systems of medicine (Ayurveda, Yoga & Naturopathy, Unani, Siddha and homoeopathy). The portal provides collection of good quality research articles published in various peer-reviewed and other journals.

The information provided is categorized into individual AYUSH medical systems against a standard set of medical conditions, based on WHO disease classification ICD-10 and navigation is according to ICPC's (International Classification of Primary Care) 17 categories. It permits search of research articles with title, authors, scholars, guide, co-guide, designation, department, institution, address, journal, university, abstract key words, body system and disease.

Clinical Research further classified into evidence grade-A, B, C based on general guidelines for methodologies on research and evaluation of traditional medicine published by World Health Organization (WHO).

Clinical Research	:	678
Pre-Clinical Research	:	144
Drug Research	:	436
Basic and fundamental Research	:	1070

The council has attributed in selection and uploading of 2328 research articles on the said portal, in the form of abstracts and full texts (whenever available free of cost). In case of paid articles, links have been provided to access full text articles.

The portal (accessible through <http://ayushportal.nic.in>), will create awareness and would provide evidence regarding the research conducted by AYUSH systems of medicine, thereby generating wider acceptance among practitioners, policy-makers, researchers, authors, students and general public worldwide.

The screenshot displays the AYUSH Research Portal interface. At the top, it features the portal's name and logo, along with navigation links such as Home, Search, Login, and About Us. A prominent banner announces '32 days to go for International Day of Yoga' on '21st June, 2019'. Below this, an 'ADVANCED SEARCH' section includes dropdown menus for 'Medical System' and 'Category', and a search button. A row of radio buttons allows users to filter by medical system: Ayurveda (19708), Yoga and Naturopathy (1421), Unani (2453), Siddha (968), Homoeopathy (2328), Sowa Rigpa (0), and All (26878). Four large buttons represent research categories: CLINICAL RESEARCH (678), PRE-CLINICAL RESEARCH (144), DRUG RESEARCH (436), and FUNDAMENTAL RESEARCH (1070). The bottom section includes a 'Select body system' dropdown, a 'Select disease (English)' input field, and a 'Clear' button.



OTHER ACTIVITIES

IEC ACTIVITIES

I. PROFESSIONAL OUTREACH ACTIVITIES

One of the objectives of the Council is dissemination of its research findings, sensitization of professionals, and exchanging information with other research and educational institutions, professional associations and societies of international and national repute, with similar research objectives as that of the Council. This helps in sharing and updating the knowledge of the homoeopathic fraternity at large and giving a world view of cutting-edge research to the practitioners, teachers and students. Moreover, such activities help in idea exchanges and open doors for a multitude of interdisciplinary research activities which is the need of the hour to the science of Homoeopathy. For capacity building of researchers and to educate the profession about recent advancement in homoeopathic research, research methodology, scientific writing Council has been organizing CMEs/ Seminars and participating in different national and international seminars. In the period under report Council had organized and participated in the following International and National Seminars, Workshops, Conferences and CME programs: -

A. CMEs/SEMINARS/WORKSHOPS/CONFERENCES (organized by CCRH)

1. **National Convention on World Homoeopathy Day:** A two-day convention was organized in New Delhi by CCRH on World Homoeopathy Day on 10th -11th April 2018 at Vigyan Bhawan, New Delhi. This scientific convention on World Homoeopathy Day was organised to commemorate to 263rd birth anniversary of Dr. Hahnemann. Since this year also marked 40 years of establishment of CCRH, the theme of this convention was "Innovate: Evolve; Progress: Exploring Science for 40 years". The Hon'ble Vice President of India Sh. M. Venkaiah Naidu along with Sh. Shripad Naik Hon'ble Minister Of AYUSH(I/C), Dr. Manoj Rajoria Hon'ble Member of Parliament inaugurated the Convention. The highlights of the convention were: Release of Council's Publications by Vice President of India, Signing of MoUs with Homoeopathic Colleges, launch of WHD CCRH Mobile App and Short Documentary on Homoeopathy for Healthy Child, awarding Scientists through CCRH Awards and young minds through STSH & MD Scholarship besides the various technical sessions which were attended by scientists, educationists, doctors and students from different countries and states. An Exhibition was also set up by CCRH showcasing the research activities of the Council undertaken in different research areas in these 40 years.



Inauguration of World Homoeopathy Day 2018



A view of audience during inaugural session



Exhibition Pic

3. **Hindi Workshop:** A Hindi workshop was organized by the Council at Hotel Holiday Home, Shimla on 3rd & 4th May 2018. The theme of the workshop was “Hindi Language: effect and importance” and the aim was to ponder on the problems which occur in the offices while working in Hindi. Officers/Staff from units of Council located in north India had participated in the workshop. During the workshop a Hindi pataka 'Svara', published by Hindi section CCRH was also released. Presentations were given on the topics such as Relevance of Indian Languages, Official Languages: Policy, Regulation and Rules; Hindi language teaching problems & remedies in India; Hindi Noting and Drafting; Dissemination of scientific literature through Rajbhasha Hindi; Hindi Language : origin and Development; Hindi Language : Disha aur Dasha; Role of Hindi in Administrative and Rural Development.



Release of Hindi Patrika 'Svara' during the Workshop



Valedictory session of Hindi Karyashala

3. **State Level Seminar on Yoga & Naturopathy:** The three-day seminar was organized and hosted by RRI(H) Agartala in collaboration with Central Council for Research in Yoga & Naturopathy from 25th to 27th May 2018. Approximately 170 people attended the seminar including delegates, patients & office staff of RRI(H) Agartala & Yoga Clinic of CCRYN.
4. **Orientation Program on Susceptibility Assessment Questionnaire:** The program was held for the study investigators at DDPRCRI(H), Noida on 25th September 2018. Scientists from Council's Hqrs, DDPRCRI(H) Noida, CRI(H) Kottayam, Extn unit of DSU(H) Hyderabad & RRI(H) Agartala had participated in the program. During the program Dr. Anil Khurana, DDG, CCRH briefed about the homoeopathic concept of susceptibility & its importance in current day scientific advancements. Dr. Divya Taneja, RO(H) detailed the process of questionnaire development.
5. **Orientation cum Training Programme on Linking Research with Education:** The programme was first formal interaction with Homoeopathic medical colleges under the initiative Linking

Research with Education. Nodal officers/faculties were nominated from various colleges to orient them about the research needs & creating a research environment in the colleges. 46 participants from 28 colleges across India attended the programme.



GLIMPSE of the Training Program

Technical sessions covered topics such as “Biostatistics: A meaningful tool for Quality Data Presentation and Analysis in Research”, “Documentation and Publication in Research”, “Reporting Guidelines in Research” etc. during the programme. Dr. Anil Khurana, DDG, CCRH sensitized the participants about updated ethical guidelines and its importance.

6. **Hindi Workshop on Diabetes and Homoeopathy:** A two-day Hindi Workshop on Diabetes and Homoeopathy was organized from 17th -18th December 2018 at DDPRCRI(H), Noida. In this Hindi workshop, Officers and employees from different institutes/units of the Council participated.
7. **World Integrated Medicine Forum:** The World Integrated Medicine Forum on the regulation of Homoeopathic Medicinal Products with the theme 'Advancing Global Collaboration' was inaugurated by Shri Shripad Yesso Naik, Hon'ble Minister of State (I/C), Ministry of AYUSH, Govt. of India. The three-day forum was organized by Central Council for Research in Homeopathy (CCRH), with the support of Ministry of AYUSH, Homoeopathic Pharmacopoeia Convention of the United States (HPCUS) and European Coalition on Homeopathic & Anthroposophic Medicinal Products (ECHAMP), Pharmacopoeia Commission of Indian Medicine and Homoeopathy and Central Drugs Standard Control Organization (CDSCO) at Hotel JW Marriot, Goa from 23rd-25th January 2019 at Goa.



Glimpse of WIMF 2019 at Goa, India



Hon'ble Minister of AYUSH, Sh. Shripad Yesso Naik, Sh. Roshan Jaggi, Dr. R.K Manchanda, Dr. Anil Khurana, Dr. Robbert Van Haselen, Dr. Helene Rannoux, Sh. Swapnil Naik, Dr. Binit Dwivedi, Ms. Renu, Sh. Digvijay Verma, Ms. Megha and Ms. Swati during release of the book "A ready recknor of Homoeopathic Medicines in different Pharmacopoeias"

The forum had participation of key public and private sector stakeholders, such as representatives from World Health Organization (WHO) and drug regulatory authorities, as well as pharmacopoeia experts and industrialists from different countries. Among the delegates were present veterinary experts and regulators and drug controllers of various states of India. The forum was organized with the objective of illustrating how homeopathy can be further regulated and integrated into the healthcare system in countries that have adopted the use of Homoeopathy since long, also to bring countries to the table where homeopathy has only been recently introduced. Issues related to Drug Standardisation and regulatory aspects with representative of manufacturers and regulatory affairs from different countries were discussed.

8. **CME Program for Homoeopathic Practitioners on Respiratory Diseases at Guwahati:** Two days CME program was conducted by RRI(H) Guwahati at Indian Institute of Entrepreneurship, Lalmati, Guwahati during on 2nd & 3rd March 2019. 50 delegates including lecturers from homoeopathic medical colleges, newly appointed research officers, medical officers & private practitioners were invited.



Dr. S. K. Das, Ex-Principal, SJNHMC, Guwahati presenting his topic during the CME

The topics of celebrations included “Chronic Bronchitis: A Research Study”, “Research in Respiratory Disorder in Homoeopathy”, “Bronchial Asthma & its management” Standard treatment Guidelines in homoeopathy for sinusitis” & “Perspective of Homoeopathy for management of MDR Tuberculosis” were given by the resource persons during the scientific sessions on first day. On the second day lectures were given on the topics - “Bronchiolitis -An inflammatory bronchial reaction in young children and infants with its homoeopathic approach”, “Tonsillitis and its Homoeopathic Management”, “URTI and Homoeopathic Management”, “Clinical Verification studies in respiratory disorders” & “Standard Treatment Guidelines in Homoeopathy for Rhinitis”.

9. **Induction Training Program for Research Officers:** Induction training program was organized by Council at Guwahati on 4th March 2019 for the newly appointed Research Officers (Homoeopathy) at its North Eastern units.



Speakers and Participants of Induction Training Program for Research Officers(H)

The program was attended by the newly appointed Research Officers, Research Officers from RRI(H) Guwahati, SRF(H)'s from North Eastern Region and Non-Technical Staff from RRI(H) Guwahati.

10. **National Seminar on Medicinal Plants used in Homoeopathic System-Cultivation, Standardization and Quality Control in India:** The National seminar was organized by Centre of Medicinal Plants Research in Homoeopathy, Kluney Manor, Patna House, Udhagamandalam, The Nilgiris, Tamil Nadu during 23rd – 24th March 2019. The seminar was being organized to sensitize, educate and discuss the advances in current trends in taxonomy, identification, quality control and standardization of homoeopathic medicines. The seminar had provided a common platform for many eminent scientist/professors/policymakers from various Homoeopathic Research Organizations, industry and academics to share their knowledge and expertise. Dr. Pankaj Gupta, AD, DDPRCRI(H), Noida presented paper on “Safety Evaluation of Belladonna Mother Tincture on Zebra fish Embryonic Development” and Dr. Binit Dwivedi RO(Chem), DDPRCRI(H), Noida also presented paper during the seminar.

B. CMEs/SEMINARS/WORKSHOPS/CONFERENCES (participated by CCRH)

Table 1

S. No.	Scientists participated	Conference/workshop	Date
1.	Attended by scientists, educationists, doctors and students from different countries and states.	National Convention on World Homoeopathy Day at Vigyan Bhawan, New Delhi.	10 th -11 th April 2018
2.	Officers/Staff from units of Council located in north India	Hindi Workshop at Hotel Holiday Home, Shimla	3 rd & 4 th May 2018

S. No.	Scientists participated	Conference/workshop	Date
3.	170 people attended the seminar including delegates, patients & office staff of RRI(H) Agartala & Yoga Clinic of CCRYN	State Level Seminar on Yoga & Naturopathy at (three-day seminar organized and hosted by RI(H) Agartala in collaboration with Central Council for Research in Yoga & Naturopathy)	25 th to 27 th May 2018
4.	Scientists from Councils Hqrs DDPRCRI(H) Noida, CRI(H) Kottayam Extn, unit of DSU(H) Hyderabad & RRI(H) Agartala	Orientation Program on Susceptibility Assessment Questionnaire at DDPRCRI(H), Noida	25 th September 2018
5.	46 participants from 28 colleges across India	Orientation cum Training Programme on Linking Research with Education at AYUSH Auditorium, J.L.N.A.A.B.	27 th September 2018
6.	One participant from from DDPRCRI(H), NOIDA	Evaluation of developmental and behavioural fetal embryo toxicity (FET) of acute exposure of Syzygium jambolanum in zebrafish embryo: homeopathic remedy for RANN-2018 at GLA University, Mathura conference	2 nd -3 rd November 2018
7.	4 participants from CCRH	6 th Biennial International Conference on DDNPTM - 2018, Mohali	15 th -17 th November 2018
8.	7 participants from CCRH presented a poster presentation	"Importance of HPTLC in analysis of homoeopathic drug Datura ferox" in International Symposium for High Performance Thin-Layer Chromatography (HPTLC Asia 2018) at Chulalongkorn University Bangkok, Thailand	28 th -30 th November 2018
9.	Dr. Pravin Oberoi, RO/S-IV, CCRH Dr. Anil Khurana, DG, CCRH Ms. Jia Gill, Dietitian; Dr. Sachin Goyal, Physiotherapist Dr. Jaya Gupta, RO/S-IV, CCRH Dr. S. Rajan, Area Botanist, CCRH & Dr. Ramesh Bawaskar, RO/S-II, RRI(H) Mumbai.	Hindi Workshop on Diabetes and Homoeopathy at DDPRCRI(H), Noida	17 th -18 th December 2018 at
10.	Key public and private sector stakeholders, pharmacopoeia experts and industrialists from different countries	World Integrated Medicinal Forum with the theme ' <i>Advancing Global Collaboration</i> ' at Goa	23 rd -25 th January 2019

S. No.	Scientists participated	Conference/workshop	Date
11.	5 participants from DDPRCRI(H), NOIDA	International conference on new age opportunities and challenges for quality, safety and GMPS in herbal drug development held at National Botanical research Institute, Lucknow	22 nd -23 rd February, 2019
12.	50 delegates including lecturers from homoeopathic medical colleges, newly appointed research officers	CME Program for Homoeopathic Practitioners on Respiratory Diseases at Guwahati at Indian Institute of Entrepreneurship, Lalmati, Guwahati	2 nd - 3 rd March 2019
13.	Newly appointed Research Officers, Research Officers from RRI(H) Guwahati, SRF(H)'s from North Eastern Region and Non-Technical Staff from RRI(H) Guwahati.	Induction Training Program for Research Officers at Guwahati	4 th March 2019
14.	14 participants from CCRH	National Seminar on Medicinal Plants used in Homoeopathic System-Cultivation, Standardization and Quality Control in India organized by Centre of Medicinal Plants Research in Homoeopathy, Kluney Manor, Patna House, Udhagamandalam, The Nilgiris, Tamil Nadu	23 rd - 24 th March 2019
15.	8 Scientists from different Institutes of council across the country	a) Content Development Strategy for Social Media (Level I) at Conference Hall, National Institute for Research in Reproductive health, Mumbai b) Social Media Workshop (Level II) at SVKM'S Dr Bhaniben Nanavati College of Pharmacy, Mithabai College Campus, Mumbai	6 th - 7 th April 2018 4 th -5 th May 2018
16.	Scientists from HDRI, Chennai CRI(H) Kottayam & RRI(H) Gudivada	Social Media Training Programme for AYUSH Professionals (Level -I & II) at National Institute of Indian Medical Heritage, Gaddiannaram, Hyderabad	Month of April and May 2018.
17.	Dr. Praveen Oberai, RO/S-IV, CCRH	A Seminar on Scope of Homoeopathy in Encephalitis organized by State AYUSH Society, U.P. at Gorakhpur	10 th April 2018

S. No.	Scientists participated	Conference/workshop	Date
18.	Dr. Padmalaya Rath, RO/S-II, DDPRCRI (H), Noida	National Homoeopathic Seminar at Jaunpur, U.P.	15 th April 2018
19.	Dr. Santosh Tamang, Officer In charge, CRU(H) Gangtok	Ayurveda & Homoeopathy Workshop 2018	27 th - 28 th April 2018
20.	DG, DDG and other Research Officers of CCRH from its different units	National Consultative Meet on Intra AYUSH Collaboration at NASC Complex, Pusa Campus New Delhi	28 th - 29 th April 2018
21.	Dr. Varanasi Roja, RO/S-II, CCRH and Dr. Anupriya Chaudhary, RO/S-I, CCRH CCRH experts from GHMC, Bhopal; AIIMS, Bhopal & Gandhi Medical College, Bhopal	Workshop on Research Methodology and Biostatistics at Govt. Homoeopathic Medical College, Bhopal	2 nd - 4 th May 2018
22.	Scientists and research fellows form CCRH Hqrs.&DDPRCRI(H) Noida	AOAC-HPTLC Association Seminar at Hotel the Park, New Delhi	8 th June 2018.
23.	Dr. Ratan Chandra Shil, RO/S-I, RRI(H) Agartala	Workshop in Homoeopathy at Agartala	15 th June 2018
24.	Research fellows from Council	6 th Padma Shree Dr.K.G. Saxena Memorial Seminar at Dr.B.R. Sur Homoeopathic Medical College and Hospital, Moti Bagh, New Delhi	22 nd July 2018
25.	Dr. Suriya Parveen, RO/S2, DACRRI (H), Kolkata & Dr. Alok Mishra, RO/S1, DACRRI(H), Kolkata	Biswa Bangla Convention 2018 at Biswa Bangla Convention Centre, New Town, Kolkata	22 nd - 23 rd July 2018
26.	Four scientists from different units of Council had participated in this training programme.	IT Training Course for AYUSH Professionals	30 th July - 31 st August 2018
27.	Dr. Kolli Raju, RO/S-4, HDRI, Chennai	Programme on Emotional Intelligence at Workplace for Scientists/ Technologists at Centre for Organization Development, Cyberabad, Madhapur, Hyderabad	6 th - 10 th August 2018
28.	All the officers and staff of DDPRCRI(H) Noida	Workshop on Tobacco Awareness organized at DDPRCRI(H) Noida.	7 th August 2018
29.	Dr. R.K. Manchanda, Dr. Anil Khurana, DG, CCRH and Dr. Bindu Sharma, RO/S-IV	CME on Scientific Writing for faculties of Homoeopathic Colleges a Dr. MPK Homoeopathic Medical College, Hospital and Research Centre, Jaipur	24 th - 25 th August 2018

S. No.	Scientists participated	Conference/workshop	Date
30.	Dr. Arun Kumar, RA, DDPRCRI Noida	CYP Induction Workshop at Centre of Excellence, SCIEEX, Gurgaon	27 th - 28 th August 2018
31.	A team from CMPRH, Ooty	International Conference on Phytomedicine (ICMP 2018) at Bharathiar University, Coimbatore	28 th - 31 st August 2018.
32.	Dr. C.R. Kundu, RO(H)/S1, DACRRI(H), Kolkata	2 nd National Congress on Osteoarthritis: Update & Research at Center for Rheumatic Diseases Convent Street Camp, Pune, Maharashtra	31 st August- 1 st September 2018
33.	Scientist and Research Fellows from CCRH Hqrs. and RRI(H) Jaipur	26 th Kent Memorial Lectures with the theme Dr. HAMER'S METHOD- A NEW PARADIGM IN HEALTHCARE APPLICABLE IN ALL STREAMS OF MEDICINE was held at PHD House, August Kranti Marg, Hauz Khas, New Delhi	15 th -16 th September 2018
34.	Dr. Padmalaya Rath, RO/S-II, DDPRCRI(H), Noida	National seminar on "Nationalism: Diversity is the basic identity of India" at PHD Chamber of Commerce & Management, New Delhi	15 th September 2018
35.	Dr. Binit Dwivedi RO(Chemistry), DDPRCRI(H) Noida	90 th Regulatory Capacity Building Training Programme at PLIM Ghaziabad	24 th - 29 th September 2018
36.	Scientists from HRID, Chennai	National Conference -Global Acceptance for Siddha System of Medicine: Scope and Challenges at Amma Arangam, Community hall, Shenoy Nagar, Chennai	28 th -29 th September 2018
37.	Dr. Varanasi Roja, RO/S-II, CCRH	CME organised by South Delhi Homoeopathic Association at NHMC Delhi	14 th October 2018
38.	Scientists from Councils institutes at Noida, Gudivada & Kottayam	AYUSH-Hospital Management System (A-HMIS) Training at NIS, Chennai and at AHMIS Software Hands On training at CCRS, Chennai	22 nd & 23 rd October 2018 on 21 st January 2019.
39.	Dr. Padmalaya Rath, RO/S-II, DDPRCRI (H), Noida	VI National Homoeopathic Seminar at J.R.N. Rajasthan Vidyapeeth, Udaipur, Rajasthan	27 th October 2018.

S. No.	Scientists participated	Conference/workshop	Date
40.	Dr. Kolli Raju, RO/S-IV, HDRI Chennai	National Homoeopathic Conference -The Observer Look Beyond at Hyatt Regency, Chennai	28 th October 2018
41.	Dr. Kolli Raju, RO/S-IV, HDRI Chennai	Workshop on Autism at M B Barvalia Foundations, Govandi, Mumbai	23 rd to 25 th November 2018
42.	Dr. Suria Parveen, RO/S-II, DACCRI, Kolkata & Dr. ParthaPratim Pal, RO/S-I, RRI(H) Agartala	21st All India Homoeopathic Scientific Seminar 2018 at Shri Krishna Memorial Auditorium, Gandhi Maidan, Patna	24 th -25 th November 2018
43.	Dr. Harleen Kaur, RO/S-I, Dr. Chetna Deep Lamba, RO/S-II, Dr.V. Roja RO/S-II, Dr. Debadatta Nayak, RO/S-II	6 days CME on Research Methodology at Homoeopathy University, Jaipur	from 3 rd -6 th December 2018
44.	Dr. Vaishali Haribhau Shinde, RO/S-II, RRI (H), Mumbai	General Management Programme for Women Scientists at Administrative Staff College of India Bella Vista, Hyderabad	3 rd - 14 th December 2018
45.	Dr. Pankaj Gupta, AD, DDPRCRI(H), Noida & Dr. Binit Dwivedi, RO(Chemistry), DDPRCRI(H) Noida	One day National symposium on Development and implementation of Pharmacopoeial standards for Ayurvedic medicines at PLIM, Ghaziabad	13 th December 2018
46.	Scientists & research fellows from Council	National Seminar on Management of Vector Borne Diseases through Siddha System at AYUSH Auditorium, New Delhi	15 th December 2018
47.	Scientists and staff from Council Hqs & DDPRCRI(H), Noida	Workshop on Advanced Social Media Insight for AYUSH Professionals	22 nd December 2018
48.	Dr. Pankaj Gupta, AD, DDPRCRI(H), Noida	CME on introduction of Pharmacovigilance: Pharmacovigilance: ADR and misleading advertisement format at DDPRCRIH, Noida	31 st December 2018
49.	Scientists from DDPRCRI(H) Noida	106 th Indian Science Congress at Lovely Professional University, Punjab	3 rd -7 th January 2019
50.	Scientists from RRI(H) Guwahati	National Expo and Workshop on Medicinal Plants with buyer-farmer meet at NEDFi House, Dispur, Guwahati	11 th January 2019

S. No.	Scientists participated	Conference/workshop	Date
51.	Scientists from CCRH Hqrs. and DDPRCRI(H) Noida	National Seminar on 3 rd Unani Day at Vigyan Bhawan, New Delhi	11 th - 12 th February 2019
52.	Dr R K Manchanda, Prof. (Dr)K.R. Janardanan Nair, Principal, NHRIMH, Kottayam , Dr. K C Muraleedharan, RO/S-IV, NHRIMH, Kottayam, by Dr. R. Bhuvaneswari, RO/S-II, NHRIMH, Kottayam, Dr. Suhana P Aziz, RO/S-I, CCRH Hqrs.	International AYUSH EXPO Kerala- The first International AYUSH Conclave Kerala held at Kanakakunnu Palace, Thiruvananthapuram	15 th -19 th February 2019
53.	Dr. Padmalaya Rath, RO/S-II, DDPRCRI(H), Noida	Workshop by CMO, G.B. Nagar, U.P on Information PCPNDT act at Kailash Hospital, Noida U. P	14 th February 2019
54.	Dr. Pritha Mehra, RO/S II, DDPRCRI(H) Noida	Cancer Care & Research in AYUSH: Developing a road map at Amrita Inst. of Medical Sciences, Kochi, Kerala	15 th -17 th February 2019
55.	Scientists from Council Hqrs & DDPRCRI(H) Noida	Half Day workshop on Disaster Risk Management at Conference Room Ground Floor of AYUSH BHAWAN at New Delhi	15 th February 2019
56.	Scientists from Councils units at North eastern region participated	All India PG Seminar 2019 at Biswa Banga Convention Centre, Kolkata	20 th -21 st February 2019
57.	scientists and research fellows from HDRI, Chennai	A seminar on Technology in Empowering the Person's with Multiple Disabilities, organized by NIEPMD Chennai	23 rd February 2019
58.	Scientists from Council's Headquarters and its institute at Noida & Imphal	The National Workshop on Sport Medicine at Bakson Homoeopathic Medical College, Greater Noida	23 rd -24 th February 2019
59.	Sh. Digvijay Verma, ARO(Pharmacognosy), DDPRCRI(H) Noida.	23 rd National Convention of Society of Pharmacognosy at CSIR-NBRI, Lucknow	22 nd -23 rd February 2019
60.	Dr. D.D Arya, RO, DDPRCRI(H) Noida	1 st International Conference on Integrative Chemistry, Biology and Translational Medicine at North Campus, University of Delhi	25 th -26 th February 2019
61.	Scientists form DDPRCRI(H), Noida, Extn. Unit of DSU(H), Hyderabad, RRI(H) Agartala and RRI(H) Guwahati	A training programme on Oral Health Promotion for AYUSH Professional was organized by CDER at AIIMS New Delhi	28 th February 2019

S. No.	Scientists participated	Conference/workshop	Date
62.	Scientists & research fellows from Council along with private homoeopathic practitioners	A seminar on Homoeopathic Facial Analysis jointly organised by CASH & CCRH at AYUSH Auditorium, Janakpuri, New Delhi	2 nd March 2019
63.	Dr. Chetna Deep Lamba, RO/S-II, HTC Safdarjung, New Delhi	Workshop on Research Methodology organised by Vinayak Mission Homoeopathic Medical College, Salem	16 th March 2019
64.	Research Officers from DDPCRI(H), Noida, DACRRI(H), Kolkata & RRI(H), Guwahati	in One Day, a Training Program on Pharmacovigilance at Indian Pharmacopoeia Commission (IPC), Ghaziabad	19 th March 2019
65.	Scientists from HRID Chennai	International Conference on Reflecting on successes & barriers in implementing inclusive education for children with special needs in India at Cultural cum convention centre, Pondicherry University	28 th - 30 th March 2019
66.	Dr. B.S Arya, Officer In charge, DDPCRI(H), Dr. Pritha Mehra, RO/S-II	A One-day Seminar on Synopsis writing organized at Bakson Homoeopathic Medical College Hospital, Greater Noida	30 th Mach 2019
67.	Dr. Binit Dwivedi, RO(Chemistry), DDPCRI(H) Noida	National Conference on Recent Trends and Advancements in Chemical Sciences at Department of Chemistry and. Bhaskaracharya College of Applied Sciences, University of Delhi	31 st March 2019
68.	Dr. Harleen Kaur, Research Officer(H), CCRH	98 th Faculty of Homeopathy Congress held at Hotel Crowne Plaza, Liverpool, UK, The theme of the Congress was "Homoeopathy: Connecting our Global Community." Dr. Kaur presented a talk on Integration of <i>AYUSH in Health care with special emphasis on Homoeopathy.</i>	11 th -14 th October, 2018
69.	Dr. Anil Khurana, Deputy Director General, CCRH	Canadian Homoeopathic Congress, Niagara Falls, Ontario	16 th - 18 th November 2018
70.	Dr. Suraia Parveen, RO/S-II and Dr. Partha Pratim Pal, RO/S-I, DACRRI(H) Kolkata	6 th International Homoeopathic Scientific Congress at Cox's Bazar Cultural Centre, Kolatoli, Cox Bazar, Bangladesh	22 nd - 23 rd February 2019

C. INTERNATIONAL CMEs/SEMINARS/WORKSHOPS/CONFERENCES (participated by CCRH)

- Dr. Harleen Kaur, Research Officer (H), CCRH represented Council at 98th Faculty of Homeopathy Congress held at Hotel Crowne Plaza, Liverpool, UK, from 11th -14th October 2018. The theme of the Congress was “Homoeopathy: Connecting our Global Community.” She presented a talk on *Integration of AYUSH in Health care with special emphasis on Homoeopathy*.
- Dr. Anil Khurana, Deputy Director General, CCRH participated in Canadian Homoeopathic Congress, Niagara Falls, Ontario from 16th -18th November 2018 as a representative of Ministry of AYUSH. He made a presentation on *Evidence based research undertaken by CCRH*.
- Dr. Binit Dwivedi RO (Chemistry), DDPRCRI(H) Noida participated and presented poster on “Importance of HPTLC in analysis of Homoeopathic drug *Datura ferox*” at International Symposium for High- Performance Thin Layer Chromatography during 28th -30th November 2018 at Chulalongkorn University Bangkok, Thailand.
- 6th International Homoeopathic Scientific Congress at Cox's Bazar Cultural Centre, Kolatoli, Cox Bazar, Bangladesh during 22nd -23rd February 2019 was attended as resource person by Dr. Suraia Parveen, RO/S-II and Dr. Partha Pratim Pal, RO/S-I, DACRRI (H) Kolkata. During the conference Dr. Parveen presented her paper - “*Individualized Homoeopathic treatment of Breast Fibroadenoma*” and Dr. Pal presented paper - “*Treatment of combined pathology of kidney and ovarian cyst with bulky uterus-A case report*”.

II. PROMOTION AND AWARENESS PROGRAMS (AROGYA / EXHIBITIONS)

The Council participates in Health/Swasthya Melas, Arogya and Exhibitions sponsored by Ministry of AYUSH, Govt. of India with an aim to promote homoeopathy and create awareness among masses for homoeopathy. Council showcases the strengths and potential of homoeopathy and Research & development efforts in homoeopathy. As a part of awareness campaign, the general population visiting these melas is sensitized about the role and scope of Homoeopathy in various diseases conditions through pamphlets, handouts, and publications. The Council also organizes free medical check-up camps and provide Homoeopathic consultation and medicine during these melas. In this reporting period, Council had participated in 39 nos. Arogya/ health melas/exhibitions as follows:

Table 2

S. NO	EVENTS	VENUE	DATE	Participants on behalf of CCRH
1.	Global Agriculture fest 2018	Nasik, Maharashtra	25 th - 28 th April 2018	A team of Doctors and supporting staff from RRI(H) Mumbai and CMPRH, Ooty participated in the event.
2.	India International Health & Wellness Exhibition- The Yogshala Expo 2018	Pragati Maidan, New Delhi	4 th - 6 th May 2018	This event showcased various Wellness, Health & Fitness products of Yoga, Ayurveda, Homoeopathy, Naturopathy and other paramedical sciences under one roof.

S. NO	EVENTS	VENUE	DATE	Participants on behalf of CCRH
3.	Global Exhibition on Services	Bombay Exhibition centre, Mumbai	15 th - 18 th May 2018	A team from DDPRCRI(H), Noida on behalf of CCRH participated in the programme.
4.	Health camp and exhibition	Municipal Stadium, Nagampadom, Kottayam	14 th - 16 th May 2018	A team from NHRIMH participated in the medical camp and exhibition.
5.	Health camp, exhibition & survey	Rath Yatra, Jaganatha Temple, Puri	14 th - 22 nd July 2018	A team from RRI(H), Puri organized and participated in the health camp and exhibition.
6.	Yog Mahotsav Jaipur 2018	Jawahar Kala Kendra, JLN Marg, Jaipur	21 st - 23 rd July 2018	A team from RRI(H), Jaipur participated in the Yog Mahaotsav.
7.	4 th National Symposium on Nutraceuticals Functional Foods Dietary Supplementary and Naturals medicines	Hotel The Royal Plaza, Jan path, New Delhi	25 th July 2018	A team from DDPRCRI(H), Noida participated in this event.
8.	AYUSH Natural World Expo 2018	Dr. Shyama Prasad Mukherjee AC Stadium, Panaji, Goa	2 nd - 4 th August 2018	A team from RRI(H) Mumbai on behalf of CCRH participated in the event.
9.	Vision Maharashtra Pune	Auto cluster Exhibition Centre, Pimpri, Pune, Maharashtra	3 rd - 5 th August 2018	RRI(H) Mumbai on behalf of CCRH participated in the event.
10.	2 nd Wellness India 2018 and Krishi India Expo 2018	Pragati Maidan New Delhi	20 th - 22 nd August 2018	DDPRCRI(H), Noida on the behalf of CCRH participated in the event.
11.	AAHAR, Chennai	Chennai Trade Centre, Chennai, Tamil Nadu	23 rd - 25 th August 2018	HRID, Chennai participated in the event on behalf of CCRH.
12.	State Level Arogya Fair	TT Nagar Stadium, Bhopal, Madhya Pradesh	27 th - 29 th September 2018	DDPRCRI(H), Noida on the behalf of CCRH participated in the event.
13.	Shining Maharashtra	Solapur, Maharashtra	26 th - 28 th September 2018	RRI(H), Mumbai on the behalf of CCRH has participated in the event.

S. NO	EVENTS	VENUE	DATE	Participants on behalf of CCRH
14.	Grand Health Mela	Delhi Cantonment Hospital, Delhi	2 nd October 2018	Council Hqrs. participated in the event by organising an exhibition and health check-up OPDs.
15.	India international science festival 2018	Indira Gandhi Prathisthan, Lucknow, U.P.	5 th - 8 th October 2018	A team from HDRI, Lucknow participated in the science festival.
16.	Punjab Health and wellness Expo 2018	LPU, University Jalandhar, Punjab	12 th - 14 th October 2018	A team from RRI(H) Shimla participated in the EXPO.
17.	1 st UDMA Day	Engineering Faculty Auditorium, Jamia Milia Islamia, New Delhi	11 th - 14 th October 2018	Officers & staff from DDPRCRI(H), Noida participated in the event.
18.	AYUSH India Expo	Ahmedabad, Gujarat	19 th - 21 st October 2018	RRI(H), Mumbai on behalf of Council participated in the Expo.
19.	25 th Perfect Health Mela 2018	Talkatora Indoor Stadium, New Delhi	23 rd - 27 th October 2018	Doctors and staff participated in the Health mela organised by Heart care foundation of India.
20.	Bihar Scientific Literary cum Health and Wellness Festival	Saraswati Vidya Mandir, Ahirauli, Buxar, Bihar	29 th - 31 st October 2018	CVU(H), Patna on behalf of council participated in the event. A health check-up clinic and exhibition stall were organised during the event.
21.	Rise in Jammu and Kashmir	Bhagwati Nagar, Jammu, Jammu and Kashmir	1 st - 3 rd November 2018	RRI(H) Shimla on behalf of Council participated in the event.
22.	Ayurveda Parv	Gopabandhu Ayurveda Mahabidyalaya, Puri, Odisha	23 rd - 25 th November 2018	Council participated in the event through RRI(H), Puri.
23.	State Level Arogya Fair	Rajinder College, Bhatinda, Punjab	17 th - 19 th November 2018	Council participated in the Arogya fair through RRI(H), Shimla.
24.	10 th East Himalayan Expo	SRGT 2 nd Ground Polo, Shillong, Meghalaya	10 th - 17 th December 2018	RRI(H) Guwahati on behalf of Council participated in the expo.
25.	National Level Arogya Fair	Central University Ground, Bangalore, Karnataka	5 th - 9 th December 2018	CCRH represented by NHRIMH Kottayam

S. NO	EVENTS	VENUE	DATE	Participants on behalf of CCRH
26.	Punjab International Trade Expo (PITEX) 2018	Ranjit Avenue Ground, Amritsar, PunjabCity	6 th - 10 th December 2018	RRI(H) Shimla on behalf of Council participated in the event.
27.	State Level Arogya Fair	Convention Centre, Imphal East, Manipur	6 th - 9 th December 2018	RRI(H) Imphal participated in this fair by organizing an exhibition stall and clinic.
28.	International level Arogya fair	Gujarat University Convention & Exhibition centre, Navrangpura Ahamdabad, Gujarat	14 th - 17 th December 2018	RRI(H), Mumbai had participated in the fair.
29.	15 th Pravasi Bhartiya Divas	Varanasi, UP	21 st - 23 rd January 2019	Council had participated in the convention through organising an exhibition stall.
30.	State Level Arogya Mela	Garib Uttan Bhawan, Jorethang, South Sikkim	14 th - 16 th January 2019	CRU (T), Gangtok on behalf of Council had participated in the fair.
31.	Ayurveda Parv	Moti Jheel Maidan, Kanpur, U. P	19 th - 20 th January 2019	An exhibition stall showcasing the activities and achievements of Council and health check-up clinic was organized during the fair. Total no. of 106 patients got benefitted from the health check-up clinic. (Dr. Jaya Gupta)
32	Health Tech India 2019	Pragati Maidan, New Delhi	3 rd - 5 th February, 2019	Council Hqrs. participated in the event.
33.	State Level Arogya Fair	Rishkul Ground, Haridwar, Uttarakhand	8 th - 11 th February 2019	DDPRCRI(H), Noida participated in the fair on behalf of Council.
34.	State Level Arogya Fair	HMDA Ground, Neckalace road, Hyderabad, Telangana	15 th - 17 th February 2019	DSU(H) Hyderabad participated on behalf of Council's in the event.
35.	State Level Arogya Fair	Kanakakunnu, Trivandrum, Kerala	15 th - 18 th February 2019	NHRIMH had organized an exhibition pavilion

S. NO	EVENTS	VENUE	DATE	Participants on behalf of CCRH
36.	State Level Arogya Fair	Govt. Ayurvedic College & Tibbi College at Kadamkaan, Patna	22 nd - 24 th February 2019	Clinical Verification Unit, Patna had participated in the fair on behalf of Council.
37.	State Level AYUSH Health Fair – AROGYA MELA 2019	Azad Park, Ajmer, Rajasthan	21 st - 24 th February 2019	RRI(H) Jaipur had participated in the fair by organizing an exhibition stall
38.	State Level Arogya Fair	Triangular Park Ground, Kolkata	1 st - 3 rd March 2019	Council had participated in the fair through its regional institute DACRRI(H), Kolkata.
39.	Ujjwal Uttarakhand 2019	Gadarpur, Udham Nagar, Uttarakhand	2 nd - 4 th March 2019	RRI(H), Shimla on behalf of Council participated in the event.

AWARDS SCHEME 2018-19

In order to promote quality research and to recognize contribution in development of Homoeopathic sciences, CCRH with the approval of Ministry of AYUSH, has initiated the scheme of felicitation and awards to achievers for their contribution in growth of Homeopathic system of medicine. The focus of the scheme is to recognize excellence in research in Homoeopathy at individual level, within organized institutional settings. The Awards were launched in 2016 and are in four categories viz. Lifetime Achievement Award, Best Teacher Award, Best Research Paper Award and Young Scientist Award.

The Lifetime Achievement Award recognizes distinctive, arduous contribution in research, practice and academics.

The Best Teacher Award seeks active contribution in research translating to academic excellence. Best Research Paper award is for peer reviewed publications in Homoeopathy research in recent years which is of high quality in terms of study design, conduct and publication standards.

The Young Scientist Award recognizes upcoming talent in Homoeopathy research, which has a potential to steer progress of Homoeopathy in the country in coming years.

The awards are open to professionals (of either disciplines, too) not only from India but for other countries, who have active contribution in Homoeopathy. The applicants can apply/nominate applicants (within the scheme provisions) in response to the advertisement issued in national newspapers and on Council's website.

Table 1

Sl. No.	Category of Award	No. of awards	Recipient	Award carries (per award)
1.	Lifetime Achievement award	03 (01 each for – a) Best Practitioner b) Best Researcher c) Best Academician)	a) Dr. R. P. Patel b) Dr. Kanjaksha Gosh c) Dr. Ravi M. Nair	i) Cash award: ₹ 2,00,000 (Rupees two lakh only) ii) Certificate of honour
2.	Best Teacher Award	03 (01 each for – a) Clinical research b. Literary research c) Drug research)	Dr. L. K. Nanda	i) Cash award: ₹ 2,00,000 (Rupees two lakh only) ii) Certificate of honour
3.	Young Scientist award	03 (01 each for – a) Clinical research b) Drug research c) Literary research)	a) Dr. P. Hima Bindu & Dr. Munmun Koley (jointly) b) Dr. Shailendra Kr. Saxena c) Dr. Divya Taneja	i) Cash award: ₹ 1,00,000 (Rupees one lakh only) ii) Certificate of honour
4.	Best Research Paper award	03 (01 each for a) Clinical research b) Drug research c) Literary research	a) Dr. Tapas Kundu b) Dr. Moonmoon Sinha	i) Cash award: ₹ 50,000 (Rupees fifty thousand only) ii) Certificate of honour

SHORT TERM STUDENTSHIP IN HOMOEOPATHY (STSH)

The Council had initiated the **Short Term Studentship in Homoeopathy (STSH) Program** in year 2014 in order to promote interest and aptitude for research among homoeopathic undergraduates. The main objective of this program is to provide an opportunity to undergraduate homoeopathic students to familiarize themselves with research methodology and techniques by being associated for a short duration with their seniors on ongoing research program or by undertaking independent projects. The guide/Institution must provide the student with all facilities to be a stipend for the student. The value of the studentship will be Rs. 10,000/- only and is meant to be a stipend for the student.

STSH Program is fully online process. The student is required to register on CCRH website ONLINE from **20th June to 20th July** and submit the application form and proposal from **21st July to 5th August**. The received applications and proposals are evaluated by the reviewers in double blind manner. Results are announced in October and list of selected students displayed on the website. If selected, the student is expected to complete the project between October and March and submit the final report before the last date of submission i.e. **20th April**. These reports are reviewed again, and then final result declared.

The details of guidelines, methodology and timeline of scheme are available at the URL: www.ccrhscholarship.in.

During the reporting period-

1. Under STSH 2017 : 29 students submitted the final report which was evaluated, and studentship was awarded to 24 students. For awarding the scholarship, students shall be invited for attending the Scientific convention on World Homoeopathy Day 2019 to be held on 10th April 2019 at Ambedkar International Centre, Janpath, New Delhi. The scholarship amount (Rs. 10,000/-) was transferred to student's bank account under the intimation of college.
2. Under STSH 2018 : 456 students have registered themselves on the portal while 269 have submitted the proposals. 108 candidates have been shortlisted after the review and shall be considered for the studentship programme, subject to acceptance of their final reports.

The activities done under this programme for both the years are tabulated below: -

Table 1

Year	No. of Candidates registered	No. of Candidates who submitted proposals	No. of Candidates shortlisted	No. of Candidates who submitted final report	No. of Candidates awarded studentship
STSH 2017	111	71	36	29	24
STSH 2018	456	269	108	-	-

“QUALITY MD DISSERTATIONS IN HOMOEOPATHY”

The Scholarship for Quality MD Dissertations in Homoeopathy was initiated in the year 2012. It is primarily aimed at promoting good research in homoeopathy as well as improving the visibility and accessibility of the research work of young postgraduate doctors to a larger research audience. The selected candidates are awarded a scholarship of Rs. 25,000/- (Twenty-Five Thousand Only) after submission of final reports.

In the year 2017, the scheme was revised, thereafter which applications are invited only once in a year between 1st to 31st December. Medical postgraduates in Homoeopathy who completed their MD (Hom.) course in first attempt through recognized College/University included in the Second Schedule of Homoeopathy Central Council Act, 1973 can submit their dissertations and manuscripts within 1 year of declaration of result of their MD course. Applicants are then shortlisted by the Internal Review Committee of the CCRH and shortlisted candidates are invited for a short presentation of their work before the panel of experts for final selection of the awardee. The details of guidelines, methodology and timeline of scheme are available at the URL: www.ccrhindia.nic.in.

In the reporting year 2018, 12 applications from various colleges were received. Further these 12 candidates had given their presentation on 11th March 2019, before the panel of experts. As per the decision of experts, following 4 candidates were selected for the scholarship of Rs. 25,000/-

Table 1

Sl. No.	Name of the candidate	Name of the college	Title
1.	Dr. L. Girija	Sarada Krishna Homoeopathic Medical College, Kulasekharam, Tamil Nadu	Study on the effect of Homoeopathic remedies on abnormal vaginal microflora of sexually active women presenting with leucorrhoea.
2.	Dr. Lakshmi Madhusudanan	Sarada Krishna Homoeopathic Medical College, Kulasekharam, Tamil Nadu	A study on effectiveness of Homoeopathic Management of learning disabilities in school children.
3.	Dr. Neha Patel	Dr. M.L. Dhawale Memorial Homoeopathic Institute, Maharashtra University of Health Sciences, Nashik	Psychosomatics of patients with essential hypertension and studying emerging homoeopathic remedy profiles
4.	Dr. Astha Mathur	Dr. Madan Pratap Khunteta Homoeopathic Medical College, Hospital & Research Centre, Jaipur	Effectiveness of Homoeopathic Medicines vis-à-vis Bach flower remedies in cases of depressive disorders – A comparative Clinical study