Central Council for Research in Homoeopathy

CONSOLIDATED COMPILATION OF RESEARCH WORK DONE UNDER DIFFERENT AREAS OF RESEARCH IN HOMOEOPATHY BY THE CENTRAL COUNCIL FOR RESEARCH IN HOMOEOPATHY

Updated 14.3.2017

The Council formulates and conducts research programs/projects; collaborates with national and international institutes of excellence to undertake evidence based research in fundamental and applied aspects of Homoeopathy; monitors extra mural researches and propagates the research findings through monographs, journals, newsletters, I.E.&C. materials, seminars/workshops.

Areas of Research:

- I. Survey, collection and cultivation of medicinal plants
- II. Drug Standardization
- III. Drug Proving
- IV. Clinical Verification
- V. Clinical Research
- VI. Fundamental &Collaborative research
- VII. Epidemics
- VIII. Public Health Programs
 - IX. Extra Mural research

I. SURVEY, COLLECTION AND CULTIVATION OF MEDICINAL PLANTS

About 70% of the Homeopathic drugs are derived from medicinal plants sources and for maintaining the quality of the drug, the source material is collected either from wild occurrence or is cultivated in the gardens with expert supervision. For maintaining authentic plant source material in fresh and live condition, the Council has established a medicinal plants research garden and a Survey of Medicinal Plants and Cultivation Unit, which collects raw drug plant material from areas surveyed from all over India. This research unit has now been renamed as "Centre of Medicinal Plants Research in Homoeopathy" in Tamil Nadu at Indira Nagar, Emerald Post, Nilgiri District (T. N.), taking into account the manifold aspects of research work on medicinal plants being carried out here . This research centre in addition to conducting survey for the collection of the medicinal plants used in Homoeopathy in its wild state also cultivates both exotic and indigenous plant material for supply as and when required for drug standardization or drug preparation, both for in-house research and also for Homoeopathic drug manufacturers the surplus raw drug plant material in 'not for profit' basis. In addition the laboratory for carrying out drug standardization research studies is also hoped to be established here in future, bringing all aspects of research in medicinal plants under one umbrella. The Centre has conducted 170 surveys and supplied 465 raw drugs to Units for carrying out standardisation studies till date.

Information about the plants has been published in the form of books published by the Council:

- 1. Check List of Homoeopathic Medicinal Plants of India
- 2. A Hand Book of Medicinal Plants used in Homoeopathy Vol. I
- 3. Plants in Ethnomedicine of Nilgiri Tribes in Tamil Nadu, India

II. <u>DRUG STANDARDIZATION</u>

Drug standardisation encompasses a comprehensive evaluation of the homoeopathic drugs in respect of their pharmacognostical, physico-chemical and pharmacological profiles in order to study the various qualitative and quantitative characteristics of drugs.

The council has undertaken pharmacognostical studies on 297 drugs, physico-chemical studies on 304 & pharmacological studies on 149 drugs .142 drugs have been studied in all the three aspects. The standards of the drugs worked out by the Council are definite gains and are important for preparation of quality homoeopathic medicines.

These findings have been published in research journals; monographs and books of the Council:

- Standardisation of Homoeopathic Drugs Vol. I- IV
- Identification of Homoeopathic Drugs of Plant Origin
- · Pharmacological action of Homoeopathic drugs and
- Vernacular names of plant drug in Homoeopathic Pharmacopoeia of India: which contains data of 548 plant drugs incorporated in Homoeopathic Pharmacopoeia of India (HPI) Volumes I-IX in various languages to identify them locally. This compilation has been made as an effort to improve the Homoeopathic Pharmacopoeia of India bringing it at par with other world class pharmacopoeias.

At present, pharmacognostical & physico-chemical studies are being undertaken at two centres of the council. A glimpse of the work done by the Council is given below:

Concluded studies

S.no	NAME OF DRUG	TITLE OF RESEARCH STUDY/ MONOGRAPH/ BOOK	PUBLICATION SOURCE				
1.	Abroma augusta	Monograph-Abroma augusta					
2.	Acalypha indica	Standardization of Homoeopathic Drugs- Vol –IV					
3.	Acer negundo	Pharmacognostical and physico-chei	nical Journal of Economic Theory Editorial Board, 2010,				

		standardization of Acer negundo	34 (4):.852-859				
4.	Acorus calamus	Standardization of Homoeopathic Drugs- Vol –I					
5.		Phyto-chemical standardization of Acorus calamus Linn.	CCRH Quarterly Bulletin, 1999,21 (3&4); 15-20				
6.	Aegle folia	Identification of Homoeopathic Drugs of Plant Origin					
7.	Allium cepa	Standardization of H	omoeopathic Drugs- Vol –III				
8.	Alternanthera pungens	Pharmacognostical Standardization of Alternanthera pungens	Indian Journal of Research in Homoeopathy, 2008,2(2):16-19				
9.	Ammi visnaga	Standardization of Ammi visnaga L. Indian Journal of Research in Homoe 2011,5(1):15-18 Link					
10.	Anacardium orientale	Identification of Homoeopathic Drugs of Plant Origin					
11.	Anagalis arvensis	A preliminary study to evaluate analgesic and behavioural activities of the homoeopathic drug, Anagalis arvensis in rats.	Indian Journal of Research in Homoeopathy, 2010, 4(2):41- 48 <u>Link</u>				
12.	Anamirta cocculus		omoeopathic Drugs- Vol –III; eopathic Drugs of Plant Origin				
13.	Andrographis paniculate	Identification of Homo	eopathic Drugs of Plant Origin				
14.	Anthrakokali	A Study of Lesser Known Drug Anthrakokali CCRH Quarterly Bulletin, 2003,25 (3&4), 2003 Q					
15.	Apium graveolens	Standardization of Homoeopathic Drugs- Vol –IV					
16.	Aquilegia vulgaris	Standardization of Homoeopathic Drug Indian Journal of Research in Homoeopathic Aquilegia vulgaris L. 2011, 5(2): 15-19 Link					
17.	Atista indica	Monograph- Atista indica					
18.	Avena sativa	Standardization of Homoeopathic Drugs- Vol -IV					

19.	Baryta iodatum	Monograph- Baryta iodata	CCRH Quarterly Bulletin,2006,28(4)			
20.	Bellis perrennis	Bellis perennis	CCRH Quarterly Bulletin, 2004,2004,26(3)			
21.	Bixa orellana	Standardization of H	lomoeopathic Drugs- Vol –II			
22.	Boerhavia diffusa	Monograph- Boerhavia diffusa				
23.	Borago officinalis	Quality control and pharmacopoeial standardization of Borago officinalis L. in homoeopathic system				
24.	Calendula officinalis	Identification of Homo	eopathic Drugs of Plant Origin			
25.	Calotropis gigantea	Monograph- Calotropis gigantea	CCRH Quarterly Bulletin,2004,26(4)			
26.	Capsicum annum	Standardization of Homoeopathic Drugs- Vol –I				
27.	Cardiospermum helicacabum	Standardization of Homoeopathic Drugs- Vol –IV				
28.	Carica papaya	Monograp	oh- Carica papaya			
29.	Cassia fistula	Standardization of H	Homoeopathic Drugs- Vol –I			
30.	Cassia sophera	Monograp	h- Cassia sophera			
31.		Identification of Homoeopathic Drugs of Plant Origin				
32.		HPTLC finger printing of some ethno medicinally important Cassia spp. Indian Drugs 2009. 46 (6):37-42				
33.	Castanaca sativa	Standardization of Homoeopathic drug - Indian drugs, 2007, 44 (12):920-924 Castanaca sativa Mill.				
34.	Cephalandra indica	Standardization of Homoeopathic Drugs- Vol –IV				
35.	Chamaecyparis	Pharmacognostic Standardization of	Journal of Economic and Taxonomic Botany,			

	lawsoniana	Chamaecyparis lawsoniana (A.Murr.) Parl – 2014, 38 (1):136-144 A Homoeopathic Drug.				
36.		Pharmacognostic study of Chamaecyparis Indian Journal of Research in Homoeopathy, lawsoniana (Murr.) Parl.: A drug used in Homoeopathy				
37.	Chenopodium ambrosioides	Preliminary studies on analgesic and behavioural activities of the homoeopathic formulations of Chenopodium ambrosioides in experimental animal models				
38.	Cinchona officinalis	Identification of Homoeopathic Drugs of Plant Origin				
39.	Cissampelos pareira	Standardization of Homoeopathic Drugs- Vol –II				
40.	Citrullus colocynthis	Identification of Homoeopathic Drugs of Plant Origin				
41.	Citrus decumana	Standardisation of Homoeopathic Drugs Vol. II				
42.	Cocculus indicus	Standardisation of Homoeopathic Drugs Vol. III; Identification of Homoeopathic Drugs of Plant Origin				
43.	Cochlearia armoracia	Standardisation of Homoeopathic Drugs Vol. III				
44.	Coffea arabica	Standardisation of Homoeopathic Drugs Vol. II				
45.	Coffea cruda	Identification of Homoeopathic Drugs of Plant Origin				
46.	Colocynthis	Identification of Homoeopathic Drugs of Plant Origin				
47.	Crocus sativus	Identification of Homoeopathic Drugs of Plant Origin				
48.	Croton tiglium	Identification of Homoeopathic Drugs of Plant Origin				
49.	Cuscuta reflexa	Standardization of Homoeopathic Drug- Cuscutare flexa Roxb A new homoeopathic drug. Indian Journal of Research in Homoeopathy, 2010,4(4):7-11 Link				
50.	Cynodon dactylon	Monograph - Cynodon dactylon ;				

		Identification of Homoeopathic Drugs of Plant Origin				
51.	Datura metel	Identification of Homoeopathic Drugs of Plant Origin				
52.	Desmodium gangeticum	Standardization of Homoeopathic Drugs- Vol –IV				
53.	Digitalis purpurea	Homoeopathic Medicinal Plant Profiles				
54.	Echinacea purpurea	Pharmacognostic study of Echinacea Indian Journal of Research in Homoeopathy, purpurea L. 2010,.4 (3):17-21Link				
55.	Euphorbia hypericifolia	Standardization of Homoeopathic Drugs- Vol –IV				
56.	- Hyperione in	Quality Assurance of Raw drug Euphorbia hypercifolia through Microscopic Studies Indian Journal of Research in Homoeopathy, 2009,3(4):21-24				
57.	Fagopyrum esculentum	Standardization of Homoeopathic Drugs- Vol –III				
58.	Ficus religiosa	Standardization of Homoeopathic Drugs- Vol –I				
59.		Identification of Homoeopathic Drugs of Plant Origin				
60.	Foeniculum vulgare	Standardization of Homoeopathic Drugs- Vol –II				
61.	Gymnema sylvestre	Standardization of Homoeopathic Drugs- Vol -III				
62.	Holarrhena antidysentrica	Identification of Homoeopathic Drugs of Plant Origin				
63.		Standardization of Homoeopathic Drugs- Vol –III				
64.	Hydrocotyle asiatica	Monograph -Hydrocotyle asiatica; Identification of Homoeopathic Drugs of Plant Origin				
65.	Hypericum perforatum	Standardization of Homoeopathic Drugs- Vol –III				
66.		Anti-tetanus activity of Hypericum CCRH Quarterly Bulletin,1998,20 (1&2) perforatum –An experimental approach				

67.		Standardization of Homoeopathic drug- Hypericum perforatum	Indian Journal of Research in Homoeopathy, 2007,1(1): 6-12 <u>Link</u>				
68.	Hygrophila spinosa	Standardization of Homoeopathic Drugs- Vol -IV					
69.	Iberis amara	Standardization of Homoeopathic Drugs- Vol –I					
70.	Indigofera tinctoria	Preliminary experimental study evaluating its analgesic and behavioral activities in animals. Indian Journal of Research in Homoeopathy, 2012, 6(1&2):1-7 Link					
71.	Iris germinaca	Monograph- Iris germinaca	CCRH Quarterly Bulletin, 2002,22(3&4)				
72.	Juglans regia	Standardization of H	lomoeopathic Drugs- Vol –IV				
73.	Juncus effusus	Standardization of Homoeopathic Drugs- Vol –I					
74.	Juniperus virginiana	Pharmacognostic Standardization of Juniperus virginiana L. in homeopathic parlance. Indian Journal of Research in Homoeopathy, 2015,9 (2): 102-108 Link					
75.	Justicia adhatoda	Identification of Homoeopathic Drugs of Plan					
76.	Lactuca sativa	Pharmacognostic and physico-chemical evaluation of Lactuca sativa L. Indian Journal of Research in Homoeopathy, 201 5(4):16-21 <u>Link</u>					
77.	Lawsonia inermis	Standardization of Homoeopathic Drugs- Vol –II					
78.		Pharmacogostic studies on Lawsonia CCRH Quarterly bulletin, 2006, 28 (4):24-28 inermis					
79.	Lobelia inflata	Identification of Homo	peopathic Drugs of Plant Origin				
80.	Magnolia grandiflora	Standardization of Homoeopathic Drugs- Vol -II					
81.	Medicago sativa (Alfa Alfa)	Standardization of Homoeopathic Drugs- Vol- I					
82.	Mimosa pudica	Standardization of Homoeopathic Drugs- Vol	-I				
83.	Momordica charantia	Effects of Momordica charantia in CCRH Quarterly Bulletin, 2004, 26(2): 3-7 Alloxanised Hyperglycemic Rabbits – An Experimental Approach					

84.	Nux Vomica	Identification of Homoeopathic Drugs of Plant Origin					
85.	Ocimum canum		eopathic Drugs of Plant Origin/				
		Standardization of Homoeopathic Drugs- Vol -II					
86.	Ocimum sanctum		eopathic Drugs of Plant Origin				
87.	Oenothera	Standardization of H	omoeopathic Drugs- Vol –IV				
	biennis						
88.		Quality assurance of Indian botanicals used					
		in homoeopathy with pharmaco-anatomical	2013, 33 (2):198-203, 2011				
		profile of Oenothera biennis					
89.	Olea europea	Standardization of Olea europea L.A	Journal of Research and Education in Indian				
05.	Olea callopea	Pharmacognostic and physico-chemical					
		perspective	(2).2				
90.	Opium		eopathic Drugs of Plant Origin				
91.	Origanum	Standardization of Homoeopathic Drugs- Vol	-III				
	majorana						
92.	Pastinaca sativa	Standardization of Homoeopathic Drug-	Indian Journal of Research in Homoeopathy,				
)	i dominada danva	Pastinaca sativa Linn.	2010,4(2):13-17 <u>Link</u>				
93.	Persea americana	Standardization of Homoeopathic Drugs- Vol	-I				
94.	Pimenta officinalis	Standardization and quality control of Indian Journal of Research in Homoeopathy, 20					
		homoeopathic drug -Pimenta officinalis	6(3):10-15 <u>Link</u>				
95.	Plectranthus	Standardization of Homoeopathic Drug-	Indian Journal of Research in Homoeopathy,				
95.	fruticosus	Plectranthus fruticosus Plectranthus fruticosus 2014, 8 (4):194-199. Link					
	Haticosas	l lectralitius il aticosas	2014, 0 (4).194 199. <u>LITE</u>				
96.	Prunus laurocerasus	Pharmacognosy of Prunus laurocerasus	Indian Journal of Research in Homoeopathy,				
		Linn A Homoeopathic Drug.	2008,2(3):6-9 <u>Link</u>				
		·					
97.	Psoralea	Standardization of Homoeopathic Drugs- Vol –I					
	corylifolia						
		Significance of physic-chemical	CCRH Quarterly Bulletin, 2001,.23 (1&2)				
		standardization on homoeopathy and					
		Psoralea corylifolia Linn - As					
		a model drug.					

98.	Rauvolfia serpentina	Identification of Homoeopathic Drugs of Plant Origin	CCRH Quarterly Bulletin, 2002,24 (3&4)				
99.	Rheum officinalis	Identification of Homoeopathic Drugs of Plant Origin					
100.	Ricinus communis	Biochemical and haematological evaluation of different potencies of homoeopathic drug Ricinus communist	Indian Journal of Research in Homoeopathy, 2009, 3(1):6-17 <u>Link</u>				
101.	Robinia Pseudoacacia	Standardization of H	omoeopathic Drugs- Vol -III				
102.	Saraca indica	Identification of Homo	eopathic Drugs of Plant Origin				
103.	Saraca asoca	Identification of Homoeopathic Drugs of Plant Origin					
104.	Senna	Identification of Homoeopathic Drugs of Plant Origin					
105.	Siegesbeckia orientalis	Standardization of Homoeopathic Drugs- Vol –II					
106.		Pharmacognostic Studies on Siegesbeckia Journal of Economic and Taxonomic Bota orientalis Linn. 2000, 24 (1):161-170					
107.	Solanum nigrum	An investigation to evaluate the analgesic and central nervous system depressant activities of Solanum nigrum L. in Homoeopathic potencies in experimental animal models. Indian Journal of Research in Homoeopathy , 9(1):12-19 Link					
108.	Stramonium	Identification of Homoeopathic Drugs of Plant Origin					
109.	Symplocos racemosa	Anti-hemorrhagic activity of homoeopathic drug Symplocos racemosa – an experimental approach The Homoeopathic Heritage, 2005, 30(10):					
110.	Syzygium jambos	Standardization of Homoeopathic Drug-S Indian Journal of Research in Homoeopathy, 2011 yzygium jambos (L.) 5(3):15-19. Link					

111.	Tamarindus indicus	Standardization of Homoeopathic Drugs- Vol –II					
112.	Terminalia chebula	Monograph - Terminalia chebula					
113.	Thea chinensis	Monograph -Thea chinensis					
114.	Theobroma cocao	Standardization of Homoeopathic Drugs- Vol -II					
115.	Tribulus terrestris	Biochemical and haematological evaluation of homoeopathic drug, Tribulus terrestris in rats. Indian Journal of Research in Homoeopathy, 2 3(4); 44-53					
116.	Tylophora Indica	Standardization of Homoeopathic Drugs- Vol -III					
117.	Ulexe uropaeus	Pharmacognostic Studies of the Seeds of CCRH Quarterly Bulletin, 2003,25(3&4) Ulexe uropaeus Linn.					
118.	Vanilla plantifolia	Standardization of Homoeopathic Drugs- Vol -IV					
119.	Vinca minor	Identification of Homoeopathic Drugs of Plant Origin					
120.	Withania somnifera	Standardization of Homoeopathic Drugs- Vol -I					

III. DRUG PROVING

Drug Proving also termed as Homoeopathic Pathogenetic Trial (HPT) is a process in which drug substances are put into trial on healthy human volunteers and their pathogenetic effects are observed, noted and compiled as the first step to introduce

the drug in the Homoeopathic Materia Medica. Proving of a drug substance is a unique process in Homoeopathy. Unlike conventional medicine where animal experimentation forms the basis of evaluation of drug pathogenesis, homoeopathic medicines are proved on healthy human volunteers, including controls, from both sexes and age group between 18-60 years. The Central Council for Research in Homoeopathy since its inception in 1978 has adopted the Drug Proving Research Program as one of its primary research areas where Council has focused on proving of indigenous drugs and fragmentarily proved drugs.

Concluded studies

The Council has proved 108 drugs till now, out of which 78 drugs are of plant origin, 09 are of animal origin, 01 Sarcodes, 01 Nosode and 19 are prepared from chemicals. The details of these drugs are mentioned in Table 1. Out of these 108 drugs, 15 drugs are new and partially proved drugs and proved exclusively by the Council (Table 2), while the remaining 92 drugs have been re-proved. The proving data has been published so far in the form of books – Drug Proving (DP) volumes, Monographs and Drug Proving articles in CCRH Quarterly Bulletins (QB) & Indian Journal of Research in Homoeopathy (IJRH).

Apart from these publications, 'Drug Proving Module and Manual' has also been published by the Council to plan and conduct training workshops to inculcate research aptitude in the students, academicians etc. and to take up this research work at maximum homoeopathic medical colleges and such other institutions. Details of these are given below:

SI. No.	Name of the drug	Source of Drug	Year of proving	Proving data Published in
1.	ABROMA AUGUSTA	Plant	1973-74	Monograph
2.	ACALYPHA INDICA	Plant	1991-93	 Quarterly Bulletin 18 (1-2) 1996 Homoeopathic Drug Proving (2005) Monograph
3.	ACID BUTYRICUM	Chemical	1998-99	 Quarterly Bulletin 24 (3-4) 2003 Homoeopathic Drug Proving (2005)
4.	ACID FORMIC	Chemical	1980-81	 Quarterly Bulletin 7(1-4) 1985 Homoeopathic Drug Proving (2005)
5.	ACORUS CALAMUS	Plant	2005-07, 2008-09 & 2012-13	To be published in Homoeopathic Drug ProvingVol6
6.	AEGLE FOLIA	Plant	1979-80	Quarterly Bulletin 9(3-4) 1987Monograph

7.	AEGLE MARMELOS	Plant	1987-88	Quarterly Bulletin 12 (1-2) 1990Monograph
8.	AESCLEPIAS CURASSAVICA	Plant	2007-09	 IJRH 5 (3) 2011 <u>Link</u> Homoeopathic Drug Proving Vol4 (2011)
9.	AGAVE AMERICANA	Plant	2001-03	 IJRH 1 (1) 2007 <u>Link</u> Homeopathic Drug Proving Vol2 (2007)
10.	ALFALFA	Plant	1998-99	 Quarterly Bulletin 26 (2) 2004 Homoeopathic Drug Proving (2005) Monograph
11.	ALLIUM SATIVUM	Plant	2011-12	 IJRH Vol10 (1) 2016 <u>Link</u> Homoeopathic Drug Proving Vol5
12.	AMOORA ROHITUKA	Plant	2007-08	 IJRH 5 (1) 2011 <u>Link</u> Homeopathic Drug ProvingVol4 (2011)
13.	ANDROGRAPHIS PANICULATA	Plant	2005-07	 IJRH 5 (2) 2011 <u>Link</u> Homeopathic Drug Proving Vol4 (2011)
14.	ANTHRAKOKALI	Chemical	2014-15	Compiled and approved
15.	APIUM GRAVEOLENS	Plant	2010-11 & 2011-12	To be published in Homeopathic Drug Proving Vol6
16.	ARANEA DIADEMA	Animal	1984-86	Quarterly Bulletin 9(3-4) 1987Homoeopathic Drug Proving (2005)
17.	ARANEA SCINENCIA	Animal	1986-88	Quarterly Bulletin 12 (1-2) 1990
18.	ARGEMONE MEXICANA	Plant	2003-05	IJRH 2 (1) 2008 <u>Link</u> Homeopathic Drug Proving Vol2 (2007)
19.	ARSENICUM BROMATUM	Chemical	1999-00	 Quarterly Bulletin 24 (3-4) 2003 Homoeopathic Drug Proving (2005)
20.	ATISTA INDICA	Plant	1980-81	Quarterly Bulletin 12 (1-2) 1990Monograph
21.	AVENA SATIVA	Plant	2011-12	Homeopathic Drug Proving Vol5
22.	AZADIRACHTA INDICA	Plant	1988-89	 Quarterly Bulletin 13 (1-2) 1991 IJRH Vol4 (3) 2010 <u>Link</u> Homoeopathic Drug Proving (2005)
23.	AZATHIOPRINE	Chemical	2009-11	Homeopathic Drug Proving Vol5
24.	BACOPA MONNIERI	Plant	2005-07	IJRH 5 (4) 2011 Link Homeopathic Drug Proving Vol4 (2011)
25.	BARYTA IODIDE	Chemical	1977-78, 1980-81	Quarterly Bulletin 2(3) 1980Homoeopathic Drug Proving (2005)

				Monograph
26.	BELLIS PERENNIS	Plant	1999-00,	Quarterly Bulletin 26 (3) 2004
20.	BELLIS I EKLIVITS		2001-02	Homoeopathic Drug Proving (2005)
27.	BOERHAVIA DIFFUSA	Plant	1983-85	Quarterly Bulletin 9(3-4) 1987
				Homoeopathic Drug Proving (2005)
				Monograph
28.	BRASSICA OLERACIA	Plant	2012-13 &	To be published in Homoeopathic Drug Proving Vol6
			2013-14	
29.	BUXUS	Plant	2007-09	• IJRH 6 (3) 2012 <u>Link</u>
	SEMPERVIRENS			Homoeopathic Drug Proving Vol4 (2011)
30.	CAESALPINIA	Plant	2007-09	Homoeopathic Drug Proving Vol4 (2011)
	BONDUCELLA			• IJRH 6 (4) 2012 pp. 8-15 <u>Link</u>
31.	CALOTROPIS	Plant	1997-99	Quarterly Bulletin 26 (4) 2004
	GIGANTEA			Homoeopathic Drug Proving (2005)
32.	CARDIOSPERMUM	Plant	2007-09	Homoeopathic Drug Proving Vol4 (2011)
22	HALICACABUM	B	1000 01	0 1 1 5 11 11 10 (1 2) 1007
33.	CARICA PAPAYA	Plant	1990-91	• Quarterly Bulletin 19 (1-2) 1997
				 IJRH 4 (2) 2010 <u>Link</u> Homoeopathic Drug Proving (2005)
				Monograph
34.	CASSIA FISTULA	Plant	1980-81 &	Quarterly Bulletin 12 (1-2) 1990
J . .	CASSIATISTOLA	liant	1982- 83	New drugs proved by CCRH (2008)
			1302 03	Monograph
35.	CASSIA SOPHERA	Plant	1972-73 &	Quarterly Bulletin 2(2) 1980
			1974-75	New drugs proved by CCRH (2008)
				Monograph
36.	CEPHALENDRA INDICA	Plant	2002-04	• IJRH 2 (2) 2008
				Homeopathic Drug Proving Vol2 (2007)
37.	CHELONE	Plant	1983, 1987-	Homoeopathic Drug Proving Vol3 (2009)
			88 & 1992-93	
38.	CHROM. KALI. SULPH.	Chemical	1998-99,	Quarterly Bulletin 24 (3-4) 2003
			2000-01	
39.	CLERODENDRON INFORTUNATUM	Plant	2005-07	Homeopathic Drug Proving Vol4 (2011)
40.	COCHLEAREA	Plant	2011-12 &	To be published in Homeopathic Drug Proving Vol 6
	ARMORACIA		2012-13	
41.	COLEUS AROMATICUS	Plant	2005-07	Homeopathic Drug Proving Vol 4 (2011)
42.	CORNUS CIRCINATA	Plant	1995-97	Homeopathic Drug Proving Vol 3 (2009)

43.	CUP. OXY. NIG.	Chemical	1982-84	 Quarterly Bulletin 7(1-4) 1985 Homoeopathic Drug Proving (2005)
44.	CURCUMA LONGA	Plant	1973-74	 Quarterly Bulletin 13 (1-2) 1991 Homoeopathic Drug Proving (2005) New drugs proved by CCRH (2008)
45.	CUSCUTA REFLEXA	Plant	2002-03	 IJRH 3 (3) 2009 <u>Link</u> Homoeopathic Drug Proving Vol2 (2007) New drugs proved by CCRH (2008)
46.	CYCLOSPORIN	Chemical	2008-10	 IJRH Vol7 (3) 2013 <u>Link</u> Homeopathic Drug Proving Vol5
47.	CYNARA SCOLYMUS	Plant	2007-09	Homeopathic Drug Proving Vol4 (2011)
48.	CYNODON DACTYLON	Plant	1974-75, 1976-77	Quarterly Bulletin 2(4) 1980Monograph
49.	DATURA ARBOREA	Plant	2008-10, 2012-13	To be published in Homeopathic Drug Proving Vol6
50.	DATURA METEL	Plant	2008-10, 2012-13	To be published in Homeopathic Drug Proving Vol6
51.	EMBELIA RIBES	Plant	1983-85 & 1990-91	 Quarterly Bulletin 17 (3-4) 1995 Homoeopathic Drug Proving (2005)
52.	EPHEDRA VULGARIS	Plant	2013-14	To be published in Homeopathic Drug Proving Vol6
53.	EUPHORBIA LATHYRIS	Plant	1999-01	 Quarterly Bulletin 24 (3-4) 2003 Homoeopathic Drug Proving (2005)
54.	FICUS RELIGIOSA	Plant	2003-05	 IJRH 2 (3) 2008 <u>Link</u> Homeopathic Drug Proving Vol2 (2007)
55.	FOENICULUM VULGARE	Plant	2008-10	Homeopathic Drug Proving Vol5
56.	FORMIC ACID	Chemical	1980-81	Quarterly BulletinHomoeopathic Drug Proving (2005)
57.	GLYCYRRHIZA GLABRA	Plant	1993-94	 Quarterly Bulletin 19 (1-2) 1997 Homoeopathic Drug Proving (2005) New drugs proved by CCRH (2008)
58.	GYMNEMA SYLVESTRE	Plant	2009-11	Homeopathic Drug Proving Vol5 IJRH 7 (1) 2013 pp. 9-21Link
59.	HOLARRHENA ANTIDYSENTERICA	Plant	1988-89	 Quarterly Bulletin 15 (1-2) 1993 Homoeopathic Drug Proving (2005) Monograph
60.	HYDROCOTYLE	Plant	1982-85	Quarterly Bulletin 9(3-4) 1987

	ASIATICA			Homoeopathic Drug Proving (2005)Monograph
61.	HYGROPHILLA SPINOSA	Plant	2010-11	Homeopathic Drug Proving Vol -5 IJRH Vol8 (1) 2014 Link
62.	ICHTHYOLUM	Animal	1999-01	 Quarterly Bulletin 27 (1) 2005 Homoeopathic Drug Proving (2005)
63.	JALAPA	Plant	2013-14	To be published in Homeopathic Drug Proving Vol6
64.	JUGLANS REGIA	Plant	2003-05	Homeopathic Drug Proving Vol3 (2009)
65.	KALI MURAITICUM	Chemical	1972-74	 Quarterly Bulletin 3(1) 1981 Monograph (Hyperlink to Publication/ Books)
66.	LAPIS ALBA	Plant	1990-91	 Quarterly Bulletin 17 (3-4) 1995 Homoeopathic Drug Proving (2005) (Hyperlink to Publication/ Books)
67.	LEUCAS ASPERA	Plant	2006-07, 2009-10 & 2012-13	To be published in Homeopathic Drug Proving Vol6
68.	LIATRIS SPICATA	Plant	2002-03	Homeopathic Drug Proving Vol3 (2009)
69.	MAG. SULPH.	Chemical	1993-95	 Quarterly Bulletin 19 (1-2) 1997 Homoeopathic Drug Proving (2005)
70.	MAGNOLIA GRANDIFLORA	Plant	2010-11	Homeopathic Drug Proving Vol5
71.	MANGIFERA INDICA	Plant	1995-97	 Quarterly Bulletin 19 (1-2) 1997 Homoeopathic Drug Proving (2005)
72.	MIMOSA HUMILIS	Plant	2003-05	IJRH 3 (4) 2009Homoeopathic Drug Proving Vol2 (2007)
73.	MYGALE	Animal	1984-85	 Quarterly Bulletin 9(3-4) 1987 Homoeopathic Drug Proving (2005)
74.	NYCTANTHES ARBOR.	Plant	1995-96	 Quarterly Bulletin 19 (1-2) 1997 Homoeopathic Drug Proving (2005)
75.	OCIMUM CANUM	Plant	1996-98	 Quarterly Bulletin 24 (3-4) 2003, Homoeopathic Drug Proving (2005) Monograph
76.	OCIMUM SANCTUM	Plant	1996-97	 IJRH 4 (4) 2010 Homoeopathic Drug Proving Vol3 (2009)
77.	OXYTROPIS LAMBERTI	Plant	1998-99 & 2000 -01	Quarterly Bulletin 24 (3-4) 2003Homoeopathic Drug Proving (2005)

78.	PARAFFIN	Chemical	2000-02	 IJRH 2 (4) 2008 <u>Link</u> Drug Proving Vol2(2007)
79.	PERSEA AMERICANA	Plant	2010-11	Homeopathic Drug Proving Vol5
80.	PHYLLANTHUS	Plant	1994-95	Quarterly Bulletin 19 (1-2) 1997
	NIRURI			New Drugs proved by CCRH (2008)
81.	POTHOS FOETIDUS	Plant	2001-03	• IJRH 3 (1) 2009 <u>Link</u>
				Homeopathic Drug Proving Vol2 (2007)
82.	PSORALEA CORYLIFOLIA	Plant	2010-12	Homeopathic Drug Proving Vol5
83.	PYRUS AMERICANA	Plant	2001-02	Quarterly Bulletin 27 (2) 2005
				Homoeopathic Drug Proving (2005)
84.	RAUWOLFIA	Plant	1997-98	Quarterly Bulletin 24 (3-4) 2003
	SERPENTINA			Homoeopathic Drug Proving (2005)
85.	RICINUS COMMUNIS	Plant	1996-97	Quarterly Bulletin 24 (3-4) 2003
				Homoeopathic Drug Proving (2005)
86.	SARACA INDICA	Plant	2003-05	• IJRH 3 (2) 2009
				• DP Vol2 (2007)
87.	SENEGA	Plant	1998-99	Homeopathic Drug Proving Vol3 (2009)
88.	SKOOKUM CHUCK	Chemical	2001-02	• IJRH 4 (1) 2010
			1000 01	Homoeopathic Drug Proving Vol2 (2007)
89.	STAPHYLOCOCCINUM	Nosode	1999-01	Quarterly Bulletin 24 (3-4) 2003
90.	TARENTULA	Animal	1985-86	• Quarterly Bulletin 9(3-4) 1987
0.1	CUBENSIS	A 1	1005.07	Homoeopathic Drug Proving (2005) Output Description: A control of the cont
91.	TARENTULA HISPANICA	Animal	1985-87	Quarterly Bulletin 9(3-4) 1987 Quarterly Bulletin 27 (3) 2005
92.	TELA ARANEA	Animal	1986-88	Quarterly Bulletin 12 (1-2) 1990
93.	TERMINALIA ARJUNA	Plant	1991-93	Quarterly Bulletin 15 (1-2) 1993
				Homoeopathic Drug Proving (2005)
94.	TERMINALIA	Plant	1991-92 &	Quarterly Bulletin 15 (1-2) 1993
	CHEBULA		1994-95	Homoeopathic Drug Proving (2005)
				Monograph
95.	THEA CHINENSIS	Plant	1977-78,	Quarterly Bulletin 12 (1-2) 1990
			1980-81	Homoeopathic Drug Proving (2005)
0.5			<u>& 1982-83</u>	Monograph
96.	THERIDION	Animal	1991-92 &	Quarterly Bulletin 18 (1-2) 1996 (2005)
07	TUNALO	Clara and the st	2000-01	Homoeopathic Drug Proving (2005) Overstant Bullstin 17 (2.4) 1005
97.	THYMOL	Chemical	1982-85,	Quarterly Bulletin 17 (3-4) 1995 Homeographic Days Residen (2005)
			1989	Homoeopathic Drug Proving (2005)

98.	THYROIDINUM	Sarcode	2000-01, 2002-03	Homeopathic Drug Proving Vol3 (2009)
99.	TINOSPORA CORDIFOLIA	Plant	2004-05	Homeopathic Drug Proving Vol3 (2009)
100.	TRIBULUS TERRESTRIS	Plant	1997-98	Quarterly Bulletin 24 (3-4) 2003Homoeopathic Drug Proving (2005)
101.	TYLOPHORA INDICA	Plant	1980, 1988- 89	 Quarterly Bulletin 13 (1-2) 1991 Homoeopathic Drug Proving (2005) Monograph
102.	WITHANIA SOMNIFERA	Plant	2010-11, 2012-13	To be published in Homeopathic Drug Proving Vol6
103.	DRUG CODE 118			Compiled (to be approved)
104.	DRUG CODE 119			Compiled (to be approved)
105.	DRUG CODE 120			Compiled (to be approved)
106.	DRUG CODE 121			Compiled (to be approved)
107.	DRUG CODE 122			Compiled (to be approved)
108.	DRUG CODE 123			Compiled (to be approved)

Table 2: New and partially proved drugs, proved by CCRH

S. No.	Name of the drug
1	Asclepias curassavica
2	Avena sativa

3	Azathioprine
4	Brassica oleracia
5	Buxus sempervirens
6	Cardiospermum halicacabum
7	Coleus aromaticus
8	Cuscuta reflexa
9	Cyclosporine
10	Cynaras colymus
11	Foeniculum vulgare
12	Glycyrrhiza glabra
13	Magnolia grandiflora
14	Persea americana
15	Phyllantheus neruri

Ongoing studies

Double-blind, randomized and multi-centric trials of 6 drugs are being conducted at 8 centres/ units of CCRH.

SI.	Drug	Fresh	Data compilation status
no.	code	assignment/	
		Reproving	
1.	126	Fresh assignment	Proving undergoing at different stages at different centres
2.	127	Fresh assignment	Proving undergoing at different stages at different centres
3.	129	Fresh assignment	Proving undergoing at different stages at different centres
4.	107	Reproving in 2016-17	Proving undergoing at different stages at different centres
5.	109	Reproving in 2016-17	Proving undergoing at different stages at different centres
6.	112	Reproving in 2016-17	Proving undergoing at different stages at different centres

IV. CLINICAL VERIFICATION

Clinical Verification is one of the flagship research programmes of the Council since inception. The Council had undertaken Clinical Verification of symptomatic data of 106 drugs till date, including those proved by the Council and those, which have

had fragmentary provings. Till now data on 72 drugs have been published in the form of a Materia Medica's in the name of "Study of Homoeopathic Medicines through Clinical Verification – A new perspective" in three volumes. The rest of the drugs has been published either in the form of monographs or as research articles. The data on the remaining drugs is under compilation and is going to be published soon in the form of Materia Medica.

Concluded Studies

SL	NAME OF THE DRUG	PUBLICATION SOURCE
NO.		
1.	Abroma augusta (Olatkambal)*	 Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- I Drug Monograph
2.	Acalypha indica (Khokali)*	Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- III Drug Monograph
3.	Achyranthes aspera(Latjira)*	Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- I
4.	Acid butyricum(Butyric acid)	Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- III
5.	Aegle folia (Bael)*	Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- I Drug Monograph
6.	Aegle marmelos(BeI)*	Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- I Drug Monograph
7.	Agave americana (Century plant)	To be published in Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- IV
8.	Alfalfa (Lasunghas)*	Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- III

		 Indian Journal of Research in Homoeopathy Vol. 5 No. 3, 2011, pp. 36-43 <u>Link</u> Drug Monograph
9.	Alstonia constricta (Bitter bark)	 Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- I Indian Journal of Research In Homoeopathy Vol. 3 No. 2, 2009, pp. 38-43 <u>Link</u>
10.	Amoora rohituka (Harinhara)*	 Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- I Indian Journal of Research In Homoeopathy Vol. 2 No. 1, 2008, pp. 19-25 <u>Link</u>
11.	Amygdalus persica (Peach Tree)	Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- I
12.	Andrographis panniculata(Kalmegh)*	To be published in Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- IV
13.	Anthrakokali (Lithanthrakokali)	Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- II
14.	Aranea diadema (Papal Cross Spider)	Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- III
15.	Aranea scinencia (Grey Spider)	 Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- III
16.	Argemone Mexicana (Yellow Mexican Poppy)	 To be published in Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- IV
17.	Arsenicum bromatum (Arsenious bromide)	 Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- III
18.	Ars. sulph. Flavum (Arsenic tri sulphide)	Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- I

19.	Atista indica (Ban-nimbu)*	 Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- I Drug Monograph
20.	Azadirachta indica (Nim)*	 To be published in Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- IV
21.	Bacillinum (Maceration of tuberculous lung)	Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- II
22.	Bacopa monniere (Brahmi)	 To be published in Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- IV
23.	Baryta iodata (Barium iodide)	 Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- II Drug Monograph
24.	Baryta muriaticum (Barium chloride)	Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- II
25.	Bellis perennis (Daisy)	Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- III
26.	Benzinum nitricum (Nitro benzene)	Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- I
27.	Benzoicum acid (Benzoic acid)	Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- II
28.	Berberis vulgaris (Barberry)	Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- II
29.	Blatta orientalis (Tail chatta)*	 Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- I Indian Journal of Research In Homoeopathy Vol. 2 No. 2, 2008, pp. 25-30

30.	Boerhavia diffusa (Sant)*	 Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- I Drug Monograph
31.	Caesalpinia bonducella (Karanju)*	Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- I
32.	Calotropis gigantean(Madar)*	Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- III
33.	Cannabis indica(Bhang)*	Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- II
34.	Cannabis sativa (Ganja)	Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- II
35.	Carica papaya (Papeeta)*	 Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- I Drug Monograph
36.	Cassia fistula (Amaltas)*	 Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- III Indian Journal of Research In Homoeopathy Vol. 5 No. 2, 2011, pp. 20-29 <u>Link</u>
37.	Cassia sophera (Kasunda)*	 Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- I Drug Monograph
38.	Cephalandra indica (Kunduru)*	Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- I
39.	Chelone glabra (Balmony)	Data under compilation
40.	Chromium kali sulph (Chromium potassium sulphate)	Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- III

41.	Clerodendron infortunatum (Bhant)	Data under compilation
42.	Coleus aromaticus (Indian borage)	Data under compilation
43.	Cornus circinata (Dogwood)	Data under compilation
44.	Cuprum aceticum (Acetate of Copper)	Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- II
45.	Cuprum oxydatum nigrum (Copper oxide)	Data under compilation
46.	Curcuma longa (Haldi)*	 Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- III Indian Journal of Research in Homoeopathy Vol. 5 No. 1, 2011 <u>Link</u>
47.	Cynodon dactylon (Doorba)*	 To be published in Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- IV Drug Monograph Indian Journal of Research in Homoeopathy Vol. 10 No. 4, 2016: 225-237 <u>Link</u>
48.	Damiana (Turnera)	 Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- I Indian Journal of Research In Homoeopathy Vol. 1 No. 1, 2007, pp. 17-22 <u>Link</u>
49.	Embelia ribes (Baberang)*	Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- I
50.	Ephedra vulgaris (Teamasters tea)	 Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- I Indian Journal of Research In Homoeopathy Vol. 3 No. 3, 2009, pp. 14-20 <u>Link</u>
51.	Euphorbia lathyris (Caper Spurge)	Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- III

52.	Fagopyrum esculentum (Koti)	 Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- I Indian Journal of Research In Homoeopathy Vol. 3 No. 1, 2009, pp. 23-33 <u>Link</u>
53.	Ferrum picricum (Picrate of iron)	 Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- II Indian Journal of Research In Homoeopathy Vol. 2 No. 3, 2008, pp. 15-21<u>Link</u>
54.	Ficus religiosa (Pipal)	Data under compilation
55.	Formic acid	 To be published in Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- IV Indian Journal of Research in Homoeopathy Vol. 10 No. 4, 2016, pp. 249-257 <u>Link</u>
56.	Gallicum acidum (Gallic acid)	Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- I
57.	Glycyrrhiza glabra (Mulhati)	 Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- III Indian Journal of Research In Homoeopathy Vol. 4 No. 3, 2010, pp. 22-33 <u>Link</u>
58.	Gymnema sylvestre (Gurmar)*	Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- I
59.	Hecla lava (Lava Scoriae from Mt.Hekla)	Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- I
60.	Holarrhena antidysenterica (Kurchi)*	 Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- III Drug Monograph
61.	Hydrocotyle asiatica (Brahma manduki)*	 Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- I Drug monograph

62.	Hygrophilla spinosa (Talimakhana)*	 Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- I
63.	Ichthyolum (Fossilised fish deposit- sulphonated hydrocarbons)	 Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- III Indian Journal of Research In Homoeopathy, Vol. 6 No.4 OctDec. 2012, pp. 24-32 <u>Link</u>
64.	Iris tenax (Oregon iris)	 Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- I Indian Journal of Research In Homoeopathy Vol. 4 No. 2, 2010, pp. 18-22Link
65.	Jaborandi- Pilocarpus	Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- I
66.	Jacaranda caroba (Brazilian Caroba Tree)	 Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- I
67.	Jalapa (Exogonium purga)	Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- II
68.	Juglans regia (Akrot)*	Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- I
69.	Justicia Adhatoda (Vasaka)*	Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- I
70.	Kali muriaticum (Chloride of Potassium)	 Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- II Drug Monograph
71.	Lac caninum (Bitch's Milk)	 Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- II
72.	Lapis albus (Gastein Rock)	Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- III

73.	Liatris spicata (Dense button Snake root)	To be published in Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- IV
74.	Magnesia sulphurica (Epsom salt)	Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- III
75.	Mangifera indica (Am)*	Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- III
76.	Mentha piperata(Peppermint)	 Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- I Indian Journal of Research In Homoeopathy Vol. 2 No. 4, 2008, pp. 26-33 <u>Link</u>
77.	Mimosa humilis (Sensitive Plant)	Data under compilation
78.	Mygale lasiodora (Black Cuban Spider)	 Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- III Indian Journal of Research In Homoeopathy, Vol. 9 No.4, 2016, pp.249-257 <u>Link</u>
79.	Nyctanthes arbortristis (Harsinghar)*	Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- I
80.	Ocimum canum (Kala Tulsi)*	 Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- III Drug Monograph Indian Journal of Research In Homoeopathy Vol. 10 No. 4, 2016, pp. 238-48 <u>Link</u>
81.	Ocimum sanctum(Baranda)	Data under compilation
82.	Oxytropis lambertii (Locoweed)	To be published in Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- IV
83.	Paraffin (Paraffin wax)	Data under compilation
84.	Pothos foetidus (Skunk cabbage)	Data under compilation

85.	Pyrus americana (Mountain ash)	To be published in Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- IV
86.	Rauwolfia serpentine (Sarpagandha)*	To be published in Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- IV
87.	Ricinus communis (Castor oil)	 To be published in Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- IV Indian Journal of Research In Homoeopathy, Vol. 8 No.4, 2014, pp. 200-208 <u>Link</u>
88.	Saraca indica (Ashoka)*	Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- I
89.	Sarsaparilla (Smilax)	Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- II
90.	Senega (Snake root)	Data under compilation
91.	Skookum chuck (Mineral spring)	Data under compilation
92.	Staphylococcinum (Nosode)	 To be published in Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- IV Indian Journal of Research In Homoeopathy Vol. 6 No. 1 & 2 (January-June), 2012, pp. 15-21 <u>Link</u>
93.	Syzygium jambolanum (Jamoon)*	Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- I
94.	Tarentula cubensis (Cuban Spider)	To be published in Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- IV
95.	Tarentula hispanica (Spanish spider)	 Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- II Indian Journal of Research In Homoeopathy Vol. 3 No. 4, 2009, pp. 25-36<u>Link</u>
96.	Tela aranea (Spider web)	To be published in Study of Homoeopathic Medicines through Clinical Verification-A New

		Perspective Volume- IV
97.	Terminalia arjuna (Arjuna)*	Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- I
98.	Terminalia chebula (Harara)*	 Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- I Drug Monograph
99.	Thea chinensis (Tea)	To be published in Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- IV
100.	Theridion (Orange spider)	To be published in Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- IV
101.	Thymol (Thyme camphor)	Data under compilation
102.	Thyroidinum (Sarcode-thyroid extract)	Data under compilation
103.	Tinospora cordifolia (Gulancha)*	Data under compilation
104.	Tribulus terrestris (Gokhru)*	To be published in Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- IV
105.	Tylophora indica (Antamul)*	 To be published in Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- IV Drug Monograph Indian Journal of Research In Homoeopathy Vol. 4 No. 4, 2010, pp. 12-18 <u>Link</u>
106.	Viscum album (Ban banda)	Study of Homoeopathic Medicines through Clinical Verification-A New Perspective Volume- II

Ongoing studies

Further studies on 16 drugs have been taken up since April 2014 at 13 Institutes/ Units of the Council. These include:

SI. No.	Drug list
1	Allium sativum
2	Amoora rohituka
3	Asclepias currassavica
4	Avena sativa
5	Azathioprine
6	Buxus serpervirens
7	Caesalpinia bonducella
8	Cardiospermum halicacabum
9	Cyclosporin
10	Cynara scolymus
11	Foeniculum vulgare
12	Gymnema sylvestre
13	Hygrophilla spinosa
14	Magnolia grandiflora
15	Persea americana
16	Psoralia corylifolia

V. 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. Being one of the major activities of the Council, Clinical research has traversed a path from prospective observational studies to gold standard randomized controlled studies. Till date Council has conducted about 138 studies on various diseases, out of which 121 studies were concluded (106 were observational studies and 15 randomized clinical trials). The salient achievements in clinical studies have been in HIV/AIDS, Acute Rhinitis in children, Gastroenteritis, Chronic Sinusitis, Influenza like illness, Benign prostatic hyperplasia, acute haemorrhoids, cervical spondylosis pain management, urolithiasis etc.

A glimpse of the concluded research studies by the Council is given below. The outcome of these studies has been published in CCRH Quarterly Bulletin, Clinical Research Studies- Series I, II and III and in Indian Journal of Research in Homoeopathy or various other national/ international journals like Homoeopathy, Asian Journal of Homoeopathy etc.

Concluded studies

S.	SYSTEM wise	SHORT TITLE/	TITLE OF THE RESEARCH STUDY	PUBLICATION
NO.	CLASSIFICTION	DISEASE CONDITION		SOURCE
1.	ALIMENTARY TRACT & PANCREATIC DISORDERS	Gastroenteritis	A Prospective Multicentre Observational Study- To Evaluate The Role Of Homeopathic Therapy With A group of predefined homoeopathic medicines in the management of Gastroenteritis	Indian Journal of Research in Homoeopathy, 2011;5(1):28-35 <u>Link</u>
2.		Irritable bowel syndrome	Irritable Bowel Syndrome	Clinical Research Studies -Series III; Pg: 17-23.
3.		Haemorrhoids	Effect of homoeopathic LM potencies in acute attacks of haemorrhoidal disease: A multicentric randomized single-blind placebo-controlled trial.	Indian Journal of Research in Homoeopathy, 2013;7(2):72- 80 <u>Link</u>
4.	LIVER & BILIARY TRACT DISORDERS	Gall stone	Fel Tauri in the Management of Cholelithiasis	Clinical Research Studies - Series II; Pg:7-13
5.		Hepatitis B	Effect of homoeopathic drugs in controlling multiplications of hepatitis-B virus.	CCRH Quarterly Bulletin, 1989; 11(1&2):8-9.
6.	BLOOD, SPLEEN & LYMPH DISORDERS	Sickle cell Anaemia	Evaluation of efficacy of homoeopathic medicines in sickle cell anaemia	CCRH Quarterly Bulletin, 2005, 27(2):12-6.
7.			Sickle Cell Anaemia	Clinical Research Studies- Series I; Pg: 105-12.
8.		Sickle cell Haemoglobinopathy	Sickle cell Haemoglobinopathy and Homoeopathic research	CCRH Quarterly Bulletin, 1993, 15 (3&4):12-7.

9.	CONNECTIVE TISSUE, BONES & JOINT DISORDERS	Cervical Spondylosis	Homoeopathic individualized LM-potencies versus Centesimal potencies for pain management of cervical spondylosis: A multicenter prospective randomized exploratory clinical study	Indian Journal of Research in Homoeopathy, 2012; 6(4):16- 23. <u>Link</u>
10.		Osteoarthritis	Evaluation of homoeopathic therapy in osteoarthritis: a study conducted by CCRH.	CCRH Quarterly Bulletin, 2006, 28(1):14-7.
11.			Osteoarthritis	Clinical Research Studies - Series- I; Pg: 93-103.
12.			Clinical evaluation of predefined homeopathic medicines in the management of Osteoarthritis.	Clinical Research Studies – Series II; Pg: 77-84.
13.		Rheumatoid arthritis	Rheumatoid arthritis: an analytical study of 25 cases	CCRH Quarterly Bulletin 2001; 23(3&4):32-8.
14.			Rheumatoid Arthritis	Clinical Research Studies-Series III; Pg: 47-53.
15.	NEUROLOGICAL DISORDERS	Epilepsy	Epilepsy	Clinical Research Studies - Series I; Pg: 41-52
16.	DEFICIENCY DISORDERS	Iron Deficiency Anaemia	Iron Deficiency Anaemia	CCRH Quarterly Bulletin, 2004; 26(3):25-35.
17.			Iron Deficiency Anaemia	Clinical Research Studies - Series-I; Pg: 83-91.
18.	EAR, NOSE & THROAT DISEASES	Acute Otitis Media	Randomized controlled pilot study to compare homeopathy and conventional therapy in Acute Otitis Media	Homeopathy. 2012; 101(1):5-12. <u>Link</u>
		Tonsillitis	Tonsillitis	Clinical Research Studies – Series III; Pg: 54-62
19.	EPIDEMIC DISEASES	Acute encephalitis syndrome /Japanese Encephalitis	Study of homoeopathic drugs in encephalitis epidemic (1991) in Uttar Pradesh (India)	CCRH Quarterly Bulletin, 1992; 14 (3&4):1-11

20.			Clinical research study on Japanese encephalitis	CCRH Quarterly Bulletin, 1998; 20(3&4):14-7
21.			Effectiveness of homeopathic medicines as add on to institutional management protocol for Acute encephalitis syndrome (AES) in children – An observational comparative study	La Revue d' Homéopathie, 2014; 5(2): 84-85.
22.			Effectiveness of homeopathic medicines as add on to institutional management protocol for Acute encephalitis syndrome (AES) in children – An observational comparative study	Indian Journal of Research in Homoeopathy, 2015; 9(1):34-41 Link
23.		Chikunguniya	Clinical trial of homoeopathic medicine in dengue/chikunguniya	CCRH Quarterly Bulletin, 2006; 28(3):11-8.
24.			Homoeopathic Genus Epidemicus 'Bryonia alba' as a prophylactic during an outbreak of Chikungunya in India: A cluster - randomised, double -blind, placebo controlled trial	Indian Journal of Research in Homoeopathy, Jul- Sep 2014; 8(3): 160-165 Link
25.	FEVERS	Intermittent fever	Evaluation of ten homoeopathic medicines in the clinical management of intermittent fever	CCRH Quarterly Bulletin, 1993; 15(1&2):9-13.
26.		Malaria	Research Studies in Malaria and Role of Malaria officinalis	CCRH Quarterly Bulletin; 1993; 15 (3 & 4): 7-11.
27.	FEMALE SEXUAL DISORDERS	Cervicitis & Cervical Erosion	A case of cervical erosion	CCRH Quarterly Bulletin, 2005; 27(1):36-7
28.			Clinical evaluation of the homeopathic medicines in Chronic Cervicitis and Cervical erosion: A clinical study; a multicentric open clinical trial conducted by CCRH	Indian Journal of Research in Homeopathy, 2007; 1(1): 24-8.
29.			Chronic Cervicitis and Cervical Erosion	Clinical Research Studies - Series II; 1-5.

30.	Menopause	Management of Distress during Climacteric Years by Homoeopathic therapy.	The Journal of Alternative & Complementary Medicine, 2011; 17 (11):1037-42. Link
31.		Management of Distress during Climacteric Years by Homoeopathic Therapy -An Interim Report of the Ongoing Open Clinical Trial.	Homoeopathy for all, 2009; 10 (7 (115):48-55.
32.		Management of Distress during Climacteric Years by Homoeopathic Therapy -A concluding Report of the concluded clinical trial.	Asian Journal of Homoeopathy. Aug. 2010-Oct'2010; 4 (3(12): 15-23.
33.		Menopausal Flushes: A bane for women.	Indian Journal of Research in Homeopathy, 2008; 2(3): 37-44.
34.		Effect of Homoeopathic therapy on the follicle stimulating hormone and lipid profile in menopause transitional woman.	The Homoeopathic Heritage, 2009; 4(34), No. 5: 42-48.
35.	Menstrual disorders	Statistical evaluation of the effect of xanthoxylum americanum and viburnum opulus on the symptom-complex of dysmenorrhoea	CCRH Quarterly Bulletin, 1981 Sep- Dec; 3(3&4):4-6.
36.		Menorrhagia	Clinical Research Studies –Series II; Pg: 71-6
37.	Uterine fibroids	A case of multiple fibroid uterus	CCRH Quarterly Bulletin, 2005; 27(4):29-30.
38.		A case of Uterine Fibroid	Indian Journal of Research in Homeopathy, 2008; 2(2): 50-55.
39.		Role of homeopathic medicines in treating uterine fibroid: A prospective observational study	Indian Journal of Research in Homoeopathy

				2012; 6(2):8-14 Link
40.			A multicentric randomized clinical trial of homoeopathic medicines in fifty millesimal potencies vis-à -vis centesimal potencies on symptomatic uterine fibroids	Indian Journal of Research in Homoeopathy 2016; 10:24-35.
41.	GERIATRIC COMPLAINTS	Benign Prostatic Hyperplasia	Homeopathic medicines in the management of Benign prostatic hyperplasia: A multi centric prospective observational study	Indian Journal of Research in Homoeopathy, 2012; 6(3):16-25. Link
42.			Treating Benign Prostatic Hyperplasia in elderly men with homoeopathy – a series of eleven cases	Indian Journal of Research in Homoeopathy, 2009; 3(4): 37 – 43.
43.	INFECTIOUS DISEASES	Amoebiasis	Studies on cynodondactylon: an indigenous drug in the treatment of amoebiasis	CCRH Quarterly Bulletin, 1985; 7(1&4):10-5
44.			CCRH. Drug oriented clinical research on amoebic dysentery.	CCRH Quarterly Bulletin, 2005, 27(3):6-9
45.			Clinical trials with holarrhena antidysenterica and glycosmispentaphylla (Atista indica): the indigenous homoeopathic remedies.	CCRH Quarterly Bulletin, 1984; 6(1&4):13-9
46.		Dysentery	Dysentery	Clinical Research Studies - Series III. Pg: 10-6
47.		Filariasis	Clinical research in filariasis	CCRH Quarterly Bulletin, 1991; 13(3&4):1-4.
48.			Research studies in filaria	CCRH Quarterly Bulletin, 1998; 20(1&2):22-4.
49.			Effect of homoeopathic treatment on filariasis: A single blind 69-months follow-up study in a pandemic village in Orissa.	British Homoeopathic Journal, 1994;

				83(4):216-219. <u>Link</u>
50.			Homœopathic treatment of filariasis: Experience in an Indian rural setting.	Infectious diseases/ Parasitic diseases
51.			Filariasis	Clinical Research Studies -Series-I. New Delhi, CCRH; 2008: 53-66.
52.		Helminthiasis	Action of homoeopathic drugs on helminthiasis: A study.	CCRH Quarterly Bulletin, 1992; 14 (1&2):21-5.
53.			Atista Indica as anti-helminthic.	CCRH Quarterly Bulletin; 1979; 1(3): 8.
54.	KIDNEY AND URINARY DISORDERS	Urolithiasis	A multicentric observational study to ascertain the role of homoeopathic therapy in Urolithiasis	Indian Journal of Research in Homoeopathy 2011; 5(2):29- 39. <u>Link</u>
55.			A big urinary calculus expelled with homoeopathic medicine	Indian Journal of Research in Homeopathy. 2008; 2(4): 50-55
56.			To explore the utility of homoeopathic medicine lycopodium clavatum in urinary calculi	Indian Journal of Research in Homeopathy. 2010; 4(3): 34-44. Link
57.			A case of multiple urinary calculi treated with homoeopathy	Indian Journal of Research in Homeopathy2011; 5(4): 28-33. Link
58.	LIFESTYLE DISEASES	Diabetes Mellitus	Management and homoeopathic treatment of peripheral vascular disease in relation to diabetes mellitus.	CCRH Quarterly Bulletin, 1995; 17(3&4):10-6.
59.			Workshop on diabetes mellitus and its homoeopathic treatment: a report.	CCRH Quarterly Bulletin, 1998;

			20(1&2):31-9.
60.		Role of Cephalandra indica Q in the management of Diabetes Mellitus as an add-on medicine along with conventional anti diabetics.	Indian Journal of Research in Homeopathy, 2008; 2(3): 22-27. Link
61.		Rhus Aromaticus in the management of Diabetes mellitus.	Clinical Research Studies- Series-II; Pg: 21-28.
62.		Role of Cephalandra indica Q in the management of Diabetes Mellitus as an add-on medicine along with conventional anti diabetics.	Indian Journal of Research in Homeopathy, 2008; 2(3): 22-27. Link
63.		Diabetes mellitus and homoeopathy	CCRH Quarterly Bulletin, 1998; 20 (3&4):1-5.
64.	Diabetic Distal Symmetrical Polyneuropathy	Diabetic Distal Symmetric Poyneuropathy: A case study	Indian Journal of Research in Homeopathy. 2010; 4 (1): 38- 46. <u>Link</u>
65.		Diabetic Distal Symmetric Polyneuropathy; A case Study	Indian Journal of Research in Homeopathy. 2009; 3(1):45-53. Link
66.		An Open Clinical Observational Study on the Usefulness of Pre-Defined Homoeopathic Medicines in the Management of Diabetic Distal Symmetrical Polyneuropathy.	Homoeopathy Ezine, April, 2012. <u>Link</u>
67.		Prospective multi-centric open clinical trial to evaluate the usefulness of homoeopathic medicines in the management of Diabetic Distal Symmetric Polyneuropathy.	Homeopathy, 2013, 102(2):130-138 <u>Link</u>
68.	Diabetic Foot Ulcer	A Prospective Observational Study to Ascertain the Role of Homeopathic	Indian Journal of Research in

60		Therapy in the Management of Diabetic Foot Ulcer	Homoeopathy, 2012; 6(2): 22-31 <u>Link</u>
69.		A case of Diabetic Foot Gangrene	Indian Journal of Research in Homeopathy, 2007; 1(1): 42-51
70.	Hypertension	Rauwolfia serpentina (AQUA): a new approach in the treatment of hypertension in Homoeopathy	CCRH Quarterly Bulletin, 1996; 18(1&2):22-4.
71.		Essential Hypertension	Clinical Research Studies - Series II. Pg: 29-41.
72.		Essential Hypertension (Drug related study).	Clinical Research Studies-Series II; Pg: 43-9.
73.	Lipid disorders	Lipoproteinaemia	CCRH Quarterly Bulletin 2005; 7(1):13-22.
74.		Clinical evaluation of homoeopathic therapy in the management of hyperlipoproteinaemia	Indian Journal of Research in Homeopathy, 2008; 2(4): 34-41.
75.		Hyperlipoproteinemia	Clinical Research Studies- Series II; Pg: 63-70.
76.		Homoeopathy in the management of Dyslipidemia: A short review	Indian Journal of Research in Homoeopathy 2015;9(4):258-66 <u>Link</u>
77.		Protocol for an open-label randomized controlled exploratory trial of Homoeopathy on Dyslipidemia	Indian Journal of Research in Homoeopathy 2015;9(4):223-9 <u>Link</u>
78.		Homoeopathy in the management of Dyslipidemia: A short review.	Indian Journal of Research in

				Homoeopathy 2015;9(4):258-66 <u>Link</u> CCRH Quarterly	
79.	OPHTHALMOLO- GICAL DISEASES	Conjunctivitis	Conjunctivitis Research study of homoeopathic drugs in conjunctivitis epidemic		
80.	ONCOLOGICAL DISORDERS	Malignant disease	Clinical evaluation of homœopathic medicines along with Iscador therapy in managing malignant diseases	Clinical Research Studies -Series III; Pg: 24-35.	
81.	PAEDIATRIC DISEASES	Diarrhoea			
82.			A prospective multicentre observational study to determine the usefulness of predefined homoeopathic medicines in Acute diarrheal disease in children	Pg: 36-40. American Journal of Homoeopathic Medicine 2009; 102(3):122-9	
83.			Acute Diarrhoeal Disease in children treated by homoeopathy.	National Journal of Homoeopathy 2010	
84.	PSYCHIATRIC DISORDERS	Attention deficit hyperactivity disorder	Homoeopathic management of attention deficit hyperactivity disorder: A randomised placebo-controlled pilot trial.	Indian Journal of Research in Homeopathy, 2013; 7(4): 158-167 Link	
85.		Behavioral Disorders	Study of Behavioral problems in school children.	CCRH Quarterly Bulletin, 1994; 16(1&2):22-8.	
86.			Therapeutic evaluation of efficacy of homoeopathic drugs on Behavioral disorders.	CCRH Quarterly Bulletin, 1994; 16 (1&2):29-34.	
87.			Evaluation of homoeopathic therapy in Behavioral disorders.	CCRH Quarterly Bulletin, 1995; 17(3&4):17-9.	
88.			A clinical study to find out the efficacy of homoeopathic medicines in behavioral disorders.	CCRH Quarterly Bulletin, 2006; 28 (2):6-13.	
89.			Management of behavioral problems with homoeopathic medicines in mental retardation.	CCRH Quarterly Bulletin, 1994; 16(1&2):7-9	

90.			Behavioral Problems of Mentally Challenged Children.	Clinical Research Series – I ; 2008: 15-26
91.			Behavioral Disorders	Clinical Research Studies- Series I; 2008:1-14
92.		Depression	Homoeopathic Management in Depressive Episodes: A prospective, unicentric, non-comparative, open label observational study.	IJRH, 2013; 7(3):116-125 <u>Link</u>
93.		Mania	Effect of similimum in acute mania.	CCRH Quarterly Bulletin, 2004; 26(4):19-26.
94.		Psychophysiological disorders	Homoeopathy in psycho-physiological disorders.	CCRH Quarterly Bulletin, 1994; 16 (1&2):16-21.
95.		Schizophrenia	Homoeopathic management of schizophrenia: an analytical report.	CCRH Quarterly Bulletin, 1996; 18(1&2):15-8.
96.			The role of homoeopathic medicine in the treatment of schizophrenia: an analytic report.	CCRH Quarterly Bulletin, 2000; 22(3&4):1-13.
97.			Homoeopathic management of Schizophrenia: A prospective, non-comparative, open-label observational study.	Indian Journal of Research in Homeopathy, 2016; 10(2): 108-18. <u>Link</u>
98.	RESPIRATORY DISORDERS	Bronchial asthma	Study of 413 cases of bronchial asthma treated with homoeopathic system of medicine	CCRH Quarterly Bulletin, 1991; 13(3&4):5-11
99.			Wheezing syndrome: a synopsis	CCRH Quarterly Bulletin, 1999; 21(1&2):1-20.
100.			Comparative study of the indications of Arsenic alb., Iod., Kali carb., Natrum sulph and their usefulness in bronchial asthma	CCRH Quarterly Bulletin, 1988; 10(1&2):16-9.
101.			Role of Arsenicum iodatum during acute attack of asthma	CCRH Quarterly Bulletin, 1982;

			4(1&4):21-2
102.		Bronchial Asthma	CCRH Quarterly Bulletin, 1988; 10 (1 & 2): 6-11
103.		Bronchial Asthma	Clinical Research Studies - Series I; 2008: 27-40
104.	Bronchitis	Open clinical trial to evaluate a group of useful homoeopathic medicines in simple and mucopurulent Chronic bronchitis	Homoeopathy for All, 2009; 10 (7):14-21
105.		An open clinical trial to find the usefulness of a group of pre-identified homoeopathic medicines in the management of simple and mucopurulent Chronic bronchitis	Asian Journal of homoeopathy, Feb. 2010- Apr. 2010.4(1): 14-21
106.	Influenza like illness	Effect of individualized homoeopathic treatment in influenza like Illness.	Indian Journal of Drugs and Diseases, July 2012; 1(4). 103- 108.
107.		Effect of individualized homoeopathic treatment in influenza like illness: A multicenter, single blind, randomized, placebo controlled study	Indian Journal of Research in Homoeopathy, 2013; 7(1):22-30. Link
108.	Rhinitis	A multi-centric open clinical trial to evaluate the usefulness of 13 predefined homeopathic medicines in the management of acute rhinitis in children.	International Journal of High Dilution Research, 2010; 9 (30): 15- 27. Indian Journal of Research in
109.	Sinusitis	Clinical evaluation of homœopathic	Homoeopathy, 2010;4(2) <u>Link</u> Indian Journal of
109.	Siliusitis	medicines in sinusitis	Research in Homœopathy, 2008; 2(1):26-37 Link
110.		An open clinical observational study on the usefulness of pre-defined	Indian Journal of Research in

		homeopathic medicines in the management of Sinusitis	Homeopathy, 2009; 3(1): 34-40 <u>Link</u>
111.		An Open Clinical Observational Study on the Usefulness of pre-defined Homoeopathic Medicines in the Treatment of Chronic Sinusitis	The Homoeopathic Heritage, 2009: 43(8): 41- 46.
112.		Homeopathy in Chronic Sinusitis: A Prospective Multi-centric Observational Study	Homeopathy, 2012; 101(2): 84-91. <u>Link</u>
113.		A randomised, double blind, placebo controlled, multi centric parallel arm trial to assess the effects of homoeopathic medicines on chronic rhinosinusitis. (Study protocol)	Indian Journal of Research in Homoeopathy, Jul- Sep 2014; 8(3):123-28. <u>Link</u>
114.	Tracheo-Bronchitis	A prospective multicentric study to evolve the usefulness of group of homoeopathic medicines in the management of acute trachea-bronchitis.	Indian Journal of Research in Homoeopathy Vol. 5, No. 3, July - September, 2011 Link
115.	Upper Respiratory Tract Infections	Comparative study of the efficacy of Homoeopathic and Allopathic medicines in Upper Respiratory Tract Infection.	CCRH, Quarterly Bulletin, 1979, 1(2):12.
116.		Acute Respiratory Infections	Clinical Research Studies-Series III; Pg: 1-8.
117.		Controlled clinical trial of homoeopathic medicines in the management of upper respiratory tract infection	CCRH Quarterly Bulletin, 2006; 28(4):14-5.

118.	SKIN DISORDERS	Furunculosis	A prospective multicentre observational study to evolve the usefulness of the nine predefined homoeopathic medicines in Furunculosis.	Homoeopathic Links Spring, 2010; 23: 60-63. Indian Journal of Research in Homoeopathy Vol. 4, No. 1, January- March 2010 Link
119.		Psoriasis	Psoriasis and homoeopathic management	CCRH Quarterly Bulletin, 1993; 15(3&4):14-7.
120.			Evaluation of Homoeopathic drugs in psoriasis	CCRH Quarterly Bulletin, 1990; 12(3&4): 22-8.
121.		Vitiligo	A case of vitiligo treated with Phosphorus	Indian Journal of Research in Homœopathy, 2008; 2 (1): 49- 57. Link
122.			Clinical evaluation of predefined homœopathic medicine in Vitiligo	Clinical Research Studies - Series - II. New Delhi: CCRH; 2009: 85- 92.
123.			A case of vitiligo treated with Sulphur	Indian Journal of Research in Homeopathy 2009; 3(3): 34-40. Link
124.			A multicentric observational study to evaluate the role of homoeopathic therapy in Vitiligo.	Indian Journal of Research in Homeopathy, 2015; 9(3): 167- 175. <u>Link</u>
125.		Misc. skin disorders	Efficacy of lesser known homoeopathic drugs on skin disorders	CCRH Quarterly Bulletin, 2003; 25(3&4):29-32.

126.	MISCELLANEOUS	HIV	Human immunodeficiency virus (HIV) infection, including AIDS: does homoeopathy has a role to play in its treatment.	CCRH Quarterly Bulletin, 1991; 13(3&4):12-8.
127.			Evaluation of homoeopathic therapy in the management of HIV disease.	CCRH Quarterly Bulletin, 1995; 17(3&4):7-9.
128.			Case of HIV/AIDS.	CCRH Quarterly Bulletin, 2004, 26(4):27-8.
129.			A HIV infected carrier under homoeopathic treatment.	CCRH Quarterly Bulletin, 2005, 27(3):45-6.
130.			Evaluation of homœopathic therapy in 129 asymptomatic HIV carriers.	British Homoeopathic Journal, 1993; 82(1): 4-8 <u>Link</u>
131.			Homeopathy in HIV infection: a trial report of double blind placebo controlled study.	British Homoeopathic Journal, 1999; 88(2): 49-57. <u>Link</u>
132.			Double blind placebo controlled clinical trial of homoeopathic medicines in HIV infection.	British Homoeopathic Journal, 1998; 87(2): 86-88. <u>Link</u>
133.			Role of Homoeopathic Therapy in HIV+ve Thalassemics	CCRH Quarterly Bulletin; 1993; 15 (1&2): 14-15.
134.			Homoeopathic medicines in the management of HIV infection: An observational Study.	Indian Journal of Research in Homeopathy, 2008; 2(2): 31-46.
135.			An HIV infected individual maintaining asymptomatic status for ten years under	Indian Journal of Research in

		homoeopathic treatment.	Homeopathy, 2009; 3(2): 56-60.
136.		Evaluation of pre-defined homoeopathic preparations of immune modifiers along with other indicated homoeopathic medicines in the management of HIV infection.	Clinical Research Studies- Series-II: Pg 51-62.
137.		Effectiveness of homoeopathic medicines in HIV patients-A clinical trial.	Indian Journal of Research in Homoeopathy, 2010; 4(4):29-35
138.	Migraine	Role of homoeopathy in migraine in adolescence	CCRH Quarterly Bulletin, 2006; 28(1):31-6
139.	Periodontitis	Periodontitis	Clinical Research Studies- Series III; Pg: 42-46.
140.	Substance abuse	Treatment of drug dependent's with homoeopathy: an attempt	CCRH Quarterly Bulletin, 1994; 16 (3&4):25-8.
141.		A pilot study on the effect of arsenicum album in alcohol dependents	CCRH Quarterly Bulletin, 1994; 16 (1&2):10-5.
142.		A randomized controlled trial in the management of alcohol dependence: Homoeopathic vs. standard Allopathic treatment (Study protocol)	IJRH. October- December 2014; 8(4); 185-243 <u>Link</u>
143.	Tuberculinum (Drug proving)	Clinical proving of Tuberculinum	CCRH Quarterly Bulletin, 1991; 13 (1&2):2-3.

Ongoing studies

Presently the Council is conducting 19 clinical research studies at various Centres/ Units across India:

- 1. Treatment resistant Schizophrenia (RCT)
- 2. Autism (RCT)
- 3. Acute otitis media (RCT)
- 4. Pre diabetes(RCT)
- 5. Stage I Hypertension (RCT)
- 6. Dyslipidaemia (RCT)
- 7. Osteoarthritis (RCT)
- 8. Breast fibro adenoma (RCT)
- 9. Diabetic Foot Ulcer (RCT)
- 10.Iron deficiency anaemia (observational study)
- 11. Vitiligo (Observational study)
- 12. Psoriasis (Observational study)
- 13. Sub clinical hypothyroidism (RCT)
- 14. Drug validation study on Acne
- 15. Drug validation study on Haemorrhoids
- 16. Drug validation study on Migraine
- 17. Drug validation study on Dyspepsia
- 18. Drug validation study on Asthma
- 19. AES treatment study

Studies in pipeline:

- 1. MDRTB (RCT)
- 2. HIV(RCT)
- 3. Treatment of Dengue fever
- 4. Treatment of Dengue Haemorrhagic fever
- 5. Chronic Non- specific Low back pain
- 6. Adeno- tonsillar hypertrophy

VI. FUNDAMENTAL AND COLLABORATIVE RESEARCH

To cater to the growing need of basic research, Council has enhanced its initiatives on fundamental and collaborative research since 2005. The main objective of the collaborative studies initiated by CCRH since 2005 is to conduct evidence-

based, inter-disciplinary basic research studies and to validate the efficacy/concepts of Homoeopathy on scientific parameters which requires infrastructure and /or expertise not available in the Council. To achieve its aims in this field, Council collaborates with various reputed institutes and has had 30 National and 03 International collaborations. 33 projects have been concluded in this field and 18 are ongoing.

Early work done by the Council (1979 – 2002) includes:

S.No.	Collaborating Institute	Study Title	
1.	Banaras Hindu University	Effect of 1000 & 10,000 potencies of Pulsatilla (A Homoeopathic drug) on Ovaries, Uteri and Arcurate Neurons in Albino Rats*	
2.	Banaras Hindu University	Morpho-Histological and Psychological Analysis of the Anti-Fertility Effects of Pulsatilla*	
3.	All India Institute of Medical Sciences	Effects of Homoeopathic Drugs in controlling Multiplication of Hepatitis-B Virus	
4.	Nav-Chetna Drug De- addiction Centre, Varanasi	Treatment of Drug Dependent's with Homoeopathy – An Attempt	
5.	Amla Cancer Hospital & Research Centre, Kerala	Homoeopathic medicines Successful in Tumour Reduction	
6.	ICMR	An open trial with placebo control in the homeopathic management of clinical filariasis	
		Trial with Homoeopathic Drugs in Microfilaraemia	
		In-vitro study on the effects of homoeopathic mother tinctures on live, viable microfilarae	
		A pilot study on Determination of cytokine (Tumour necrosis factor-alpha) during acute clinical events of filariasis	
		Determination of bacterial growth in blood samples of patients of acute filarial and its homoeopathic management.	

A glimpse of national and international collaborations so far are given below:

National collaborations

S. No	Title of the research study	Collaborating Institute	Duration of study	Publication Title	Publication Source / Abstract
1.	Effect of Homoeopathic drugs used in Insomnia on Serum Melatonin and Cortisol level in health volunteer.	Institute of Post-	Nov 2005 – Nov 2008	Effect of Homoeopathic drugs used in Insomnia on Serum Melatonin and Cortisol level in health volunteers	Indian Journal of Research in Homoeopathy 2010; 4(1):47-55 <u>Link</u>
2.	Investigation into the action of Homoeopathic potencies on Autonomous nervous system and variability in physiological parameter using indigenous Impedance Plethosmography (IPG), Vasomon / Medical analyzer (MA) and Anu Photorheography on healthy human subjects.	Research Centre,	Nov 2005 – Jan 2009	An Exploratory Study on Scientific Investigations in Homeopathy Using Medical Analyzer.	Complementary Medicine 2011;
3.	Studies on Homoeopathic medicine for the treatment of Cerebral Ischemia.	-	Dec 2005 – Nov 2009	Protective role of homoeopathic medicines on cerebral ischaemia in animals	Homoeopathy 2014; 8(4):209- 217 <u>Link</u>
4.	Effect of Homoeopathic drugs on Central nervous System and their safety evaluation.		Apr 2006 – Apr 2007		Indian Journal of Research in Homoeopathy 2010; 4(2):41-48. <u>Link</u>

S. No	Title of the research study	Collaborating Institute	Duration of study	Publication Title	Publication Source / Abstract
				drug Anagalis arvensis in rats. Preliminary studies on analgesic and behavioural activities of the homoeopathic formulations of Chenopodiumam brosioides in experimental animal models. An investigation to evaluate the analgesic and central nervous system depressant activities of Solanum nigrum (Linn.) as Homoeopathic potencies in experimental animal models Evaluation of Lycopodium clavatum for its neuropharmacologica I activities in experimental animals.	Indian Journal of Research in Homoeopathy 2010; 4(3):44-50. Link Indian Journal of Research in Homoeopathy2015;9(1): 12-19 Link

S. No	Title of the research study	Collaborating Institute	Duration of study	Publication Title	Publication Source /Abstract
5.	Efficacy & safety evaluation of Homoeopathic drugs in experimental study – Endocrinological study	Osmania University, Hyderabad.	Apr 2006 – Apr 2007	Biochemical and haematological evaluation of different potencies of homoeopathic drug Ricinus communis. Indigofera tinctoria: an experimental study evaluating its analgesic and behavioural activities in animals.	Indian Journal of Research in Homoeopathy 2013; 7(4):168-75. Link Indian Journal of Research in Homoeopathy 2009; 3 (1):6-17. Link Indian Journal of Research in Homoeopathy 2012; 6(1 & 2) Link

S. No	Title of the research study	Collaborating Institute	Duration of study	Publication Title	Publication Source / Abstract
6.	To evolve a group of most efficacious Homoeopathic Medicines in Bengin Prostatic Hyperplasia with regard to improvement in the symptom complex	Research Foundation, (HRF) Lucknow	July 2006 – Nov 2009	Evidence based clinical study to assess the usefulness of homoeopathic medicines in patients of benign prostatic hyperplasia.	Indian Journal of Research in Homoeopathy 2010; 4(4):49-65 <u>Link</u>
7.	Effect of Homoeopathic Medicine on Japanese Encephalitis Virus infection on chorio-allantoic membrane (CAM) & suckling mice.	-	Apr 2007 - Sept 2010	Decreased intensity of Japanese encephalitis yirus infection in chick chorioallantoic membrane under influence of ultradiluted Belladonna extract Suckling mice of "Belladonna 200" fed mothers evade virulent Nakayama strain Japanese encephalitis virus infection	American Journal of Infectious Diseases 2010; 6 (2): 24-28 Link International Journal of
					Microbiological Research 2 (3): 252-257, 2011.

S. No	Title of the research study	Collaborating Institute	Duration of study	Publication Title	Publication Source / Abstract
8.	To evaluate the biological activity of five coded Homoeopathic drugs on plants using Bacopa Test as model system.	Medicinal and	Apr 2007 – Sept 2010	Dose-dependent effect of homoeopathic drug Zinc sulphate on plant growth using Bacopa monnieri as model system.	Indian Journal of Research in Homoeopathy 2014; 8 (1):19-23. <u>Link</u>
9.	A structural study of homoeopathic medicine; A pilot study	IIT, New Delhi	Jun 2008 – Mar 2010	Homeopathy emerging as nanomedicine	International Journal of High Dilution Research 2011; 10(37): 299-310. <u>Link</u>
10.	Anti-viral activity (therapeutic efficacy) of Homoeopathic medicine in Avian influenza in animal model.	Animal Diseases	Jul 2008 – Sept 2010	Under review	
11.	Role of homoeopathic medicines in cancer regression and rejuvenation of depressed immune system	Kolkata	July 2008 - June 2011	Calcarea carbonica induces apoptosis in cancer cells in p53-dependent manner via an immuno-modulatory circuit	BMC Complementary and Alternative Medicine 2013, 13:230 Link
12.	A multicentric open clinical study to evaluate the efficacy of indicated Homoeopathic medicines. I) In the management of lapse of alcohol and opioid drug	promotion of Youth	Sept 2008 – Aug 2011	Managing Acute Alcohol Withdrawal with Homoeopathy: A Prospective, Observational, Multicentre	Indian Journal of Research in Homoeopathy 2014;8: 224-230 <u>Link</u>

S. No	Title of the research study	Collaborating Institute	Duration of study	Publication Title	Publication Source / Abstract
	addictions II) in the management symptoms of withdrawal symptoms of alcohol and opioid drug addiction and III) in the prevention of relapse of alcohol and Opioid drug abuse & Masses.			Exploratory Study.	
13.	Studies on anti-diabetic properties of Homoeopathic preparation of Syzigium jambolanum and Cephalandra-indica	,	Feb 2010 – Apr 2012	Effects of homeopathic preparations of Syzygium jambolanum and Cephalandra indica on liver of high fat and high fructose-induced type-2 diabetic rats	Homeopathy (2013) 102, 160- 171 <u>Link</u>
14.	Protective role of Homoeopathic preparation of Berberis vulgaris to alleviate kidney stone disease and its influence on molecular events leading to Calcium oxalate crystal deposition.	•	Feb 2010 – Apr 2012	Preliminary investigation on ultra-diluted B. vulgaris in experimental urolithiasis Propitious antioxidative role of the homeopathic preparation of Berberis vulgaris in	Homeopathy (2013) 102, 172- 178 Link Forsch Komplementmed 2014;21:7-12

S. No	Title of the research study	Collaborating Institute	Duration of study	Publication Title	Publication Source / Abstract
				alleviating oxidative stress in experimental urolithiasis • Homoeopathic preparation of Berberis vulgaris as an inhibitor of Calcium oxalate crystallization: An in vitro evidence	Link
					Indian Journal of Research in Homoeopathy2015,9: 3: 152-157 <u>Link</u>
15.	Changes in Electro- Physiological markers in muscle fatigue with homoeopathic preparation of Arnica montana – A comprehensive study.		Feb 2011 - Oct 2012	_	Data analysis of study in under progress.
16.		CDRI, Lucknow. UP	Feb 2011 - Feb 2013	Effect of homeopathic Lycopodium clavatum on memory functions and cerebral blood	Homeopathy (2014) ; 1-5 Link

S. No	Title of the research study	Collaborating Institute	Duration of study	Publication Title	Publication Source /Abstract
				flow in memory- impaired rats	
				Homoeopathic medicine Mercurius solubilis treatment improves cerebral blood flow and memory in experimentally induced Dementia in rats	Indian Journal of Research in Homoeopathy2017,11(1): 58-63 Link
17.	Safety and efficacy studies of Homoeopathic drugs	All India Institute of Medical Sciences, New Delhi	March/ June 2012 – May 2013	Evaluation of safety profile of homoeopathic mother tinctures.	Indian Journal of Research in Homoeopathy 2015;9: 42-48 Link
				Role of homeopathic mother tinctures in rheumatoid arthritis: An experimental study	Indian Journal of Research in Homoeopathy 2014;8:81-6 Link

S. No	Title of the research study	Collaborating Institute	Duration of study	Publication Title	Publication Source / Abstract
18.	Preliminary pharmacological studies of Homoeopathic drugs	All India Institute of Medical Sciences, New Delhi	March/ June 2012 – May 2013	-	Data analysis of study in under progress.
19.	Extension of study "Role of homoeopathic medicines in cancer regression and rejuvenation of depressed immune system: a mechanism study" – Extension study	-	March/ June 2012 – July2013	• Sulphur alters NFκB- p300 cross-talk in favour of p53-p300 to induce apoptosis in non-small cell lung carcinoma.	International Journal of Oncology 2015; 47(2):573-82. <u>Link</u>
				Contribution of ROS-p53 feed-back loop in thuja-induced apoptosis of mammary epithelial carcinoma cells.	Oncol Rep. 2014 Jan 24. doi: 10.3892/or.2014.2993. Link
20.	Efficacy of Homoeopathic Therapy on duration of labour.	Sri Aurbindo Institute of Integral Health and Research, Cuttack	Oct 2012 – Sept 2013	-	Data analysis of study in under progress.
21.	To evaluate certain homoeopathic medicines for their immuno- modulatory and antioxidant potential	Indian Veterinary Research Institute, Izatnagar, UP	April 2009 - May 2014	<u>-</u>	Data analysis of study in under progress.
22.	A multicenter study on action of homoeopathic medicines and potencies on heart rate variability (HRV) and blood flow variability (BFV) with	College, Bhubaneswar, DPRU of PURI,	April 2009 - May 2014	-	Data analysis of study in under progress.

S. No	Title of the research study	Collaborating Institute	Duration of study	Publication Title	Publication Source / Abstract
	medical Analyzer System	(Bhabha Atomic Research Center)			
23.	In vitro studies of some Homoeopathic medicines on the proliferation and differentiation of neural stem cell (Avena sativa, Caust, Phos. and Zinc.)	Biotechnology, West Bengal University of	March 2012- May 2015	-	Data analysis of study in under progress.
24.	Physico-chemical studies of various homoeopathic drug formulations using volumetric, acoustic, viscometric, optical and conductivity measurements – Pilot study	Dayal Singh College, University of Delhi, New Delhi	May 2014 - Jan 2015	Physicochemical studies of extremely diluted solutions (homoeopathic formulations) of sulphur in ethanol by using volumetric, acoustic, viscometric and refractive index measurements at different temperatures.	Journal of Molecular Liquids 211 (2015) 1082–1094 Link
				Physicochemical studies of homoeopathic formulations (extremely diluted solutions) of acidum salicylicum in ethanol by using volumetric, acoustic, viscometric and refractive index measurements at	Journal of Molecular Liquids 215 (2016) 680–690 <u>Link</u>

S. No	Title of the research study	Collaborating Institute	Duration of study	Publication Title	Publication Source / Abstract
				298.15, 308.15 and 318.15 K	

International collaborations

S.No	Title of the study	Collaborating Institute	Duration of study	Publication	Publication Source /Abstract
1.	Prevention of HIV/AIDS through traditional Medicine.	University of California, Los Angles	Nov 2003 – June 2004	Knowledge and Attitudes about HIV/AIDS among Homoeopathic Practitioners and Educators in India.	Evidence-Based Complementary and Alternative Medicine. Volume 5 (2008), Issue 2, Pages 221- 225 <u>Link</u>
2.	Delivery of the Model HIV prevention & Health promotion proposals in India by Homoeopathy Physicians & Educators.	University of California, Los Angles	Jan 2006 – Apr 2011	Delivery of a Model HIV Prevention and Health Promotion Train-the- Trainer Program in India	Homeopathy and Ayurveda Practitioners and Educator. Vol.2:Iss. 1, Article 12 (2010) Link
				 Assessing the Potential Role of Indian Homeopathic Practitioners in HIV Education and Prevention 	World Medical & Health Policy: Vol. 2: Iss. 1, Article 12. <u>Link</u>
				• Effectiveness of train the trainer module in	

				delivery of HIV prevention messages for Homoeopathy and Ayurveda practitioners	
					Indian Journal of Research in Homoeopathy 2014;8: 136 <u>Link</u>
3.	Multinational data collection study on Homoeopathic management of patients of Influenza A (H1N1) and its implications in primary medical care	Scientific Committee for Homoeopathy &	Sept 2009 - Feb 2010	Homeopathic treatment of patients with Influenza-like illness during the 2009 A/H1N1influenza pandemic in India.	Homeopathy (2013) 102, 187- 192 <u>Link</u>

Ongoing collaborative studies

S.No.	Title of the study	Collaborating Institute	Initiated	Summary/Remarks/ Publications
1.	Elucidation of molecular mechanism of action of Belladonna - Calcarea Carbonica - Tuberculinum Bovinum (BCT) during Japanese Encephalitis Infection.	Centre for Cellular and Molecular Biology, Hyderabad	March 2015	Administrative approval has been given to initiate the study.
2.	Understanding the Mechanism of action of homoeopathic medicine at molecular level in nano domains invivo and in-vitro systems.		March 2015	 Administrative approval has been given to initiate the study. Enhanced dielectric properties and conductivity of triturated copper and cobalt nanoparticles-

				doped PVDF-HFP film and their possible use in electronic industry. Link • Effect of ultrahigh diluted homeopathic medicines on the electrical properties of PVDF-HFP. Link • Significant enhancement of dielectric and conducting properties of electroactive polymer polyvinylidene fluoride films: An innovative use of Ferrum metallicum at different concentrations. Link • Derivation of an empirical relation between the size of the nanoparticle and the potency of homeopathic medicines. Link • Characterization and haemocompatibility of Aurum metallicum for its potential therapeutic application. Link
3.	Efficacy of the Homoeopathic preparation of Berberis vulgaris to alleviate acute oxalate toxicity: An insight into lithogenic events with special reference to crystallization and inflammation.	Dr. ALMPGIBMS, University of Madras.	March 2015	Administrative approval has been given to initiate the study.
4.	Effects of Potentized Homoeopathic medicines in Agriculture (Agro-Homoeopathy): An eco-friendly alternative solution for synthetic fertilizers and pesticides.	Agro- Institute of Minerals and Materials Technology, Odisha	May 2015	Administrative approval has been given to initiate the study.

5.	Follow up cross sectional study of Subclinical Hypothyroidism children post three years of treatment	SCH, Dr. B. R. Sur Homoeopathic Medical college & Hospital	June 2015	Administrative approval has been given to initiate the study.
6.	A randomized double blind placebo controlled multicentric trial on the efficacy of homoeopathic medicine on sub-clinical hypothyroidism (RCT)	SCH, Dr. B. R. Sur Homoeopathic Medical college & Hospital	June 2015	Administrative approval has been given to initiate the study.
7.	Evaluation of anti-fungal activity of certain Homoeopathic medicines on growth of human pathogenic fungi "Candida albicans" using in-vitro assays.	Central Research Institute (H), Noida	December 2013	Administrative approval has been given to initiate the study.
8.	Evaluation of anti-fungal activity of certain Homoeopathic medicines on growth of human pathogenic fungi "Aspergillus niger" using in-vitro assays	Central Research Institute (H), Noida	December 2013	Administrative approval has been given to initiate the study.
9.	Evaluation of anti-fungal activity of certain Homoeopathic medicines on growth of human pathogenic fungi "Microsporum canis" using in-vitro assays	Central Research Institute (H), Noida	December 2013	Administrative approval has been given to initiate the study.
10.	Screening of antibacterial activity of certain homoeopathic medicines on the growth of human pathogenic Gram negative bacterial strain Escherichia coli in-vitro models	Central Research Institute (H), Noida	March 2014	Administrative approval has been given to initiate the study.
11.	Screening of antibacterial activity of certain homoeopathic medicines on the growth of human pathogenic Gram negative bacterial strain Klebsiella pneumonia in-vitro	Central Research Institute (H), Noida	March 2014	Administrative approval has been given to initiate the study.

	models			
12.	Screening of antibacterial activity of certain homoeopathic medicines on the growth of human pathogenic Gram negative bacterial strain Proteus mirabilis in-vitro models	Central Research Institute (H), Noida	March 2014	Administrative approval has been given to initiate the study.
13.	Effect of homoeopathic medicines on dengue virus infection on mosquito cell line and in suckling mice	Dr. Anjali Chatterji Regional Research Institute for. Homoeopathy, Kolkata	January 2015	Administrative approval has been given to initiate the study.
14.	Estimation of viral load and immune response in JE virus infected adult and suckling mice treated with Belladonna	Dr. Anjali Chatterji Regional Research Institute for. Homoeopathy, Kolkata	January 2015	Administrative approval has been given to initiate the study.
15.	To study the effect of homoeopathic preparations of Eupatorium perfoliatum on Dengue virus infectivity in Aedes albopictus midgut cell line	Dr. Anjali Chatterjee Regional Research Institute for. Homoeopathy, Kolkata	December 2015	Administrative approval has been given to initiate the study.
16.	Safety studies and pharmacological screening of homoeopathic drugs-dengue nosodes developed from dengue virus	All India Institute of Medical Sciences, New Delhi	May 2016	Administrative approval has been given to initiate the study.
17.	Evaluation of antimalarial efficacy of some homeopathic drugs against Plasmodium falciparum in vitro and against Plasmodium berghei in vivo	Department of Zoology, Panjab University, Chandigarh	September, 2016	Administrative approval has been given to initiate the study.
18.	To evaluate the anti-leishmanial potential of some homoeopathic drugs in experimental visceral leishmaniasis	Department of Zoology, Panjab University, Chandigarh	September, 2016	Administrative approval has been given to initiate the study.

VII. EPIDEMICS

Central Council for Research in Homoeopathy, through its network of 23 Institutes/ Units all over India is conducting medical relief camps in communicable diseases since its inception. Council had taken a randomized control trial on Chikungunya in 2007 and Influenza like illness in 2010. The various communicable diseases on which CCRH has conducted medical camps are conjunctivitis, dengue, japanese encephalitis, bacillary dysentery, yellow fever, jaundice, typhoid, measles, meningitis, cholera, viral fevers, kala azar, plague, malaria, chikungunya and recent past swine flu and chikungunya. Homoeopathic medicines were distributed for various disease conditions as mentioned above as per the genus epidemicus for preventive purpose. Similarly homoeopathic medicines were given for treatment purpose after a person got infected with the said disease tailored to the patient as per individualization.

Details of the work done by the Council can be accessed at http://ccrhindia.nic.in//admnis/admin/showimg.aspx?ID=6475

Recently the Council has conducted studies in **Dengue fever**:

The dengue epidemic is not a country-specific health problem, but a global burden, with most parts of world trying to find ways to fight it, especially so when the dengue vaccine is not existing yet. For information and education of a homoeopathic practitioner dealing with dengue cases, Guidelines for Homoeopathic Practitioners for Clinical Management of Dengue have been developed by CCRH. These guidelines aim to present all relevant details to a practitioner in daily clinical practice for management of cases diagnosed or suspected to be of dengue and are available at the Council's website. Council has also created an online data recording software for organized data management and subsequent analysis of dengue cases treated with Homoeopathy: DENGUE INFORMATION SYSTEM link: http://www.ccrhdengueinfo.org/#.

Name of study	Date of initiation &completion	Sample size	Site of study	Objective	Result

Studies undertaken by the Council since 2015:

Dengue survey study	Jan 2016	945	10 homoeopathic dispensaries from different zones of Delhi	To assess the effect of public health advisory on use of homoeopathic medicines for prevention of dengue - population based study	Only 16.6% of them are aware about AYUSH public health advisory for prevention of dengue and 7.6% population have consumed homoeopathic medicine.
Dengue treatment Study at Delhi	Sept-Nov. 2015	283	Dr. Hedgewar Hospital, New Delhi	To assess the effectiveness of homoeopathic integrative care along with Allopathic Institutional Management on the patients, who were admitted for treatment for low platelet count with or without fever.	The increase in platelet count in homoeopathic group was significant compare to patients who did not received homoeopathy.
Dengue preventive study Kerala	May 2016	64,096	Vembayam and Karakulam village of Trivandrum District of Kerala	To assess the effectiveness of Eupatorium perfoliatum as preventive in dengue compared to placebo.	19,000 houses enrolled for study and followed up. Data is collected for said population and is under compilation.
Dengue preventive Delhi	July 2016	20,000	JJ colony, Mayapuri, New Delhi	To assess the effectiveness of Eupatorium perfoliatum as preventive in dengue.	20,000 individuals participated in study. Data is collected for said population and is under compilation.

Chikungunya data collection project	August 2016- October 2016	200	15 Delhi government dispensaries	To assess the effectiveness of homoeopathy treatment in management of chikungunya fever during outbreak through data collection at Delhi.	Data is collected for said population and is under compilation.
Dengue fever data collection project	August 2016- October 2016	50	15 Delhi government dispensaries	To assess the effectiveness of homoeopathy treatment in management of chikungunya fever during outbreak through data collection at Delhi.	population and is under

VIII. PUBLIC HEALTH INITIATIVES

The Council is integrating with National Programme for prevention and control of Diabetes, Cardiovascular diseases, Cancer and stroke (NPCDCS), Rashtriya Bal Swasthya Karyakram (RBSK) and has developed a public health program on Homoeopathy for Healthy Child which is being undertaken on pilot basis. Details of the achievements of the Council in these programs so far can be accessed at http://www.ccrhindia.nic.in/index1.aspx?lsid=5679&lev=2&lid=3620&Regid=0&langid=1

IX. EXTRAMURAL RESEARCH

The Extra-Mural Research scheme of the Ministry of AYUSH is designed to encourage R&D in priority areas based on disease burden in alignment to National Health Programmes. It also aims to utilize the vast research infrastructure available within

the country for standardization and validation of classical drugs. This scheme is meant for focused outcome in tandem with the needs of AYUSH sector and also encourages young scholars of AYUSH system, to use their wisdom and energy in research of AYUSH system on modern scientific parameters.

CCRH is providing technical expertise and scrutinizing new projects relating to Homoeopathy received for grant-in-aid under this scheme of the Ministry of AYUSH.

STUDIES RELATED TO HOMOEOPATHY CONCLUDED UNDER EMR SCHEME OF THE MINISTRY OF AYUSH

Sr. No.	Institute/ Organization	Principal Investigator	Project Title	Study Period	Publication Source
1	National Institute of Homoeopathy (NIH), Kolkata.	Dr. Ashok Das	Studies on cases of chronic arsenic toxicity and its implication in the development of homoeopathic material medica and repertory.	1999-2003	Clinical Haematological, Biochemical and Immunological Studies on Patients Chronic Arsenic Toxicity and its Homoeopathic Management; CCRH Quarterly Bulletin, Vol. 28, No. 2, 2006-07
2	Dr. A. C. Homoeopathic Medical College & Hospital, Bhubaneswar.	Dr. Chaturbhuja Nayak	A study on the effectiveness of homoeopathic bowel nosodes in the treatment of cervical spondylosis on the basis of stool culture.	1999-2002	Study on the effectiveness of homoeopathic bowel nosodes in the treatment of Cervical Spondylosis on the basis of Stool Culture report IJRH, Volume 2, No. 1, Jan-Mar 2008, Pg 42-48 Link
3	Sri Aurobindo International for Integrated Health and Research, Sri Aurobindo Society, Puducherry	Dr. Uttareshwar Pachegaonkar	Scope for treatment of Keloids in Homoeopathy and Allopathy.	2002-03	Not published

4	Dr. M. L. Dhawale Memorial Trust, Mumbai.	Dr. N.L. Tiwari	To study the efficacy of homoeopathic medicines in the treatment and management of niddm of recent-onset and in chronic long standing disease	2002-05	Diabetes mellitus- Defining scope and clinical approach for homoeopathic management IJRH, Volume 2, No. 3, July – September 2008, Pg 28-36 <u>Link</u>
5	Jadavpur University, Kolkata	Dr. Tarun Jha	Search for Potential Anti Cancer Agent: Evaluation of Anticancer Activity of Potentised and Dynamized. Carcinocin 200, Thuja 2000 & Apis mel. 200 against Ehrlich Ascites Carcinoma (EAC) cells in Swiss Albino mice.	2002-06	 Search for Potential Anticancer Agents: characterization of some anticancer homoeopathic medicines 'The Homoeopathic Heritage, March 2004, Pg 23-25. Search for Potential Anticancer Agents: Evaluation of Anticancer Activity of Homoeopathic Carcinocin, Apis & Thuja' The Homoeopathic Heritage, July 2004, Pg 42-45. Search for Potential Anti Cancer Agent: Evaluation of Anticancer Activity of Carcinocin, Apis and Thuja; IJRH, Vol. 2, No. 1, Jan-Mar 2008, Pg 38-41. Link
6	J.S.P.S. Government Homoeopathic College, Hyderabad.	Dr. B. Sohan Singh	The Therapeutic Efficacy of B.C.T. on Controlling Japanese Encephalitis - A Clinical Trial.	2002-06	Not published
7	Government	Dr. Abdul Lethif	Homoeopathic	2002-06	Not published

	Homoeopathic Medical College, Trivandrum.		Management of Chronic Lead Poisoning.		
8	Navjyoti Delhi Police Foundation, Delhi.	Dr. Ajay Grover	Double blind placebo controlled trial of homoeopathic medicines in the management of withdrawal symptoms in opium addicts and its alkaloid derivatives dependents	2002-05	Double blind placebo controlled trial of Homoeopathic medicines in the management of withdrawal symptoms in Opium addicts and its alkaloid derivatives – dependents; IJRH, Vol. 3, No. 1, Jan-Mar 2009, Pg 41-44. Link
9	Sri Aurobindo International Institute for Integral Health & Research, Puducherry.	Dr. Uttareshwar Pachegaonkar	Therapeutic Evaluation of Homoeopathic Medicines in Treatment of Obesity.	2003-06	Not published
10	University of Kalyani, West Bengal.	Dr. AR Khuda Buksh	An Investigation for testing efficacy and mechanism of action of certain potentised homoeopathic drugs in combating artificially induced hepatocarcinoma in mice and rats.	2004-07	 Assessment of hepatocellular damage and hematological alterations in mice chronically fed p - dimethyl aminoazobenzene and phenobarbital; Experimental and Molecular Pathology, Vol. 83, Issue 1, August 2007, Pages 104–111. Link Assessment of the genotoxic and cytotoxic potential of an anti- epileptic drug, phenobarbital in mice: a time course study; Mutation Research. 2004 Sep. Vol.
					Research, 2004 Sep, V 563(1):1-11. <u>Link</u>

	Efficacy of Potentized Homeopathic Drugs, Carcinocin 200, Fed Alone and in Combination with Another Drug, Chelidonium 200, in Amelioration of p-Dimethylaminoazobenzene-Induced Hepatocarcinogenesis in Mice'; Journal of Alternative and Complementary Medicine, Vol 11, Issue 5, Nov 2005, Pg 839-854. Link
	Anticarcinogenic Potentials of a Plant Extract (Hydrastis canadensis): Evidence from In Vivo Studies in Mice (Mus musculus); Asian Pacific Journal of Cancer Prevention, Vol 11, 2010; Pg 545-551 Link
	Efficacy of ethanolic spore extract of Lycopodium clavatum in reducing induced hepatotoxicity and genotoxicity in mice; Journal of Biological and Chemical Sciences, Vol. 4 (3), 2010. <u>Link</u>
	Homeopathic drugs Natrum sulphuricum and Carcinosin prevent azo dye- induced hepatocarcinogenesis in mice'; Indian Journal of Biochemistry and Biophysics, Vol. 46, Aug 2009, Pg 307-318.

					Link
11	JamiaHamdard, New Delhi.	Dr. Fakhrul Islam	Studies on homoeopathic medicines for the treatment of Parkinson's disease.	2004-07	Protective effect of Zincum metallicum on rat model of Parkinson's disease; IJRH Vol. 9 Issue 2 Apr-Jun 2015 Link
12	Society for Welfare of the Handicapped Persons, Durgapur.	Dr. Dhruba Chakraborty	Randomized double blind clinical trial of homoeopathic medicines in the treatment of trophic ulcer and neuropathy in leprosy.	2005-08	Randomized double blind clinical trial of a homoeopathic medicine in the treatment of trophic ulcer and neuropathy in leprosy; IJRH, Vol. 3, No. 4, Oct-Dec 2009, Pg 54-65
13	Dr. M.L. Dhawale Memorial Trust, Mumbai.	Dr. Chandershekhar Goda	Role of homoeopathic constitutional treatment in scabies infection in adivasi children attending ashram shalas (resident school) in palghar&vikramgarhtal uka, thane district, maharashtra.	2004-08	Role of Homoeopathic treatment in scabies infection in Adivasi children attending Ashram Shalas (resident schools); IJRH, Vol. 4, No. 2, Apr-June 2010, Pg 33-40 Link
14	Dr. M.L. Dhawale Memorial Trust, Mumbai.	Dr. Manoj Patel	An approach to acute diarrhoeal disorders through sector and constitutional homoeopathic treatment in adivasi children attending balwadis in palghar&vikramgarhtal	2004-08	An Approach to acute diarrhoeal disorders through sector and constitutional homoeopathic treatment in tribal children attending balwadis; IJRH, Vol. 4, No. 4, Oct-Dec 2010, Pg 36-48 Link

			uka, thane district, maharashtra .		
15	Viswa Bharti University, West Bengal.	Dr. N.C. Sukul	Effect of three potentized homoeopathic drugs on alcohol- induced changes in the nerve plexus of heart and serum parameters in albino rats.	2004-07	Effect of three Potentized Homoeopathic Drugs on Alcohol-induced changes in the Nerve Plexus of Heart & Serum Parameters in Albino Rats; IJRH, Vol. 3, No. 2, Apr-June 2009, Pg 53-55
16	Dr. A. C. Homoeopathic Medical College & Hospital, Bhubaneswar.	Dr. A.K. Mishra	Clinical study of effects of homoeopathic constitutional and organopathic medicines in patients suffering from benign hypertrophy of the prostate.	2005-08	Constitutional, organopathic and combined homeopathic treatment of benign prostatic hypertrophy: a clinical trial; Homeopathy, Vol. 101, Issue 4, Oct 2012, Pg 217-223 Link
17	All India Institute of Medical Sciences (AIIMS), New Delhi.	Dr. Satya N. Das	Evaluation of anti- proliferative, apoptotic and immuno- modulatory activity of some Indian System and homoeopathic anticancer drugs.	2002-06	Not published
18	Princess Durru Shehvar Children's and General Hospital, Purani Haveli, Hyderabad.	Dr. Iqbal Jahan	Efficacy of Homoeopathic medicine in Uterine Fibroid.	2006-09	A study of efficacy of Homoeopathic medicines in treating Uterine fibroid ; IJRH, Vol. 6, No.1&2, 2012 <u>Link</u>

19	Princess Durru Shehvar Children's and General Hospital, Purani Haveli, Hyderabad.	Dr. Aslam Abbas	Efficacy of Homoeopathic medicine in Cerebral infarcts.	2006-09	Not published
20	Spandan Holistic Institute of Applied Homoeopathy, Mumbai.	Dr. Praful Barvalia	Exploring effectiveness of Homoeopathic therapeutics in the Management of Childhood Autism Disorder.	2006-09	 Effectiveness of homoeopathic therapeutics in the management of childhood autism disorder; IJRH Vol. 8 Issue 3 Jul-Sept 2014 Link Autism Spectrum Disorder: Holistic Homoeopathy; Homoeopathic Links, Spring 2011, Vol. 24
21	Jamia Hamdard, Hamdard Nagar, New Delhi.	Dr. Fakhrul Islam	Studies of Homoeopathic Medicines on Healthy Neuronal Cell Line.	2007-09	Neuroprotective effects of Bellis perennis and Hypericumperforatum on PC12 cells; IJRH, Vol. 5, No. 3, July-September 2011, Pg 27-35. Link
22	Biju Patnaik Homoeopathic Medical College & Hospital, Berhampur, Orissa.	Dr. A.P. Sarangi	Therapeutic efficacy of Homoeopathic Medicines in the treatment of Psoriasis	2006-09	Not published
23	Homoeopathic Research Foundation, Lucknow.	Dr. Girish Gupta	Evidence based clinical study on the effect of Homoeopathic drugs in	2008-10	Evidence based clinical study on the effect of Homoeopathic drugs in cases of Ovarian Cyst; IJRH, Vol. 5, No. 1, Jan-Mar 2011, Pg

			cases of Ovarian Cyst.		36-42 <u>Link</u>
24	University of Chemical Technology, Mumbai	Prof. (Mrs.) Archana R. Juvekar	A study to investigate the anti-oxidant effect of homoeopathic drugs in isolated rat hepatocytes	2009-10	In Vitro Evaluation of Homeopathic Drugs for Antioxidant Activity; Indian Drugs, 48 (12) December 2011.
25	Dr. M.L. Dhawale Memorial Trust, Mumbai.	Dr. K.M. Dhawale	To ascertain the role of Homoeopathic therapy in the management of Learning Disabilities.	2008-11	 Exploring The Role of Homeopathy in The Management of Learning Disabilities'; The Homoeopathic Heritage, July 2012, Pg 23-28 Use of homoeopathic remedies in the management of learning disabilities; IJRH Vol. 8 Issue 2 Apr-Jun 2014 Link
26	Institute of Minerals and Materials Technology, CSIR, Bhubaneswar	Dr. N K Dhal	Effect of potentized homoeopathic medicines prepared at different dates using plant based bioassays as a model	2011-12	Effects of potentised homoeopathic medicines, Arsenicum album and Barytacarbonica on growth and pigment concentration of wheat (triticum aestivum L.); Biohelica: Vol.3 (1&2): 38-43, 2013.
27	Jawaharlal Institute of Post-graduate Medical Education, Pondicherry	Dr. V S Negi	Immunological studies in Rheumatoid Arthritis treated with Homoeopathic drugs	2007-11	Interim publication of study in: Immunological Studies On Rheumatoid Arthritis Treated With Homoeopathic Drugs: Results of A Pilot Study; IJRH,

					Vol. 2, No. 4, Oct-Dec 2008, Pg 42-49 <u>Link</u>
28	Jawaharlal Institute of Post-graduate Medical education and Research, Puducherry	Dr. V S Negi	Modulation of cytokine profile by homoeopathic drugs in Rheumatoid arthritis: in-vitro studies	2009-10	Not published
29	Dr. A.C. Homoeopathic Medical College and Hospital, Bhubaneswar, Orissa.	Dr. L K Nanda	Biochemical and molecular basis of evaluation of efficacy of Rauwolfia serpentine in its crude (Q) and potentised (6C and 30C) preparations on hypertension-induced rat models.	2008-11	Homoeopathic Medicine Rauwolfia Serpentina Ameliorate blood pressure and oxidative stress parameters of kidney by modulating expression of antioxidant enzymes in deoxycorticosterone acetate (DOCA) salt induced hypertensive rat model. Journal of Drug research and Development. Volume 2(1)2016 Link
30	Dr. B. R. Sur Homoeopathic Medical College and Hospital, New Delhi	Dr. V K Chauhan	To evaluate the effect of Homoeopathic treatment on natural history of Autoimmune Thyroiditis	2008-11	Prevalence of Thyroid Dysfunction in School Children in Delhi- Post Iodization Scenario An epidemiological survey conducted under the first phase of EMR project on "Effect of Homoeopathic treatment on natural history of Auto- immune Thyroiditis;

					IJRH, Vol. 3, No. 3, July- September 2009, Pg 29-33 Link
					Efficacy of homeopathic intervention in subclinical hypothyroidism with or without autoimmune thyroiditis in children: an exploratory randomized control study ;Homeopathy (2014) 103, 224 – 231 Link
31	Society for Welfare of the Handicapped Persons, Durgapur	Dr. Dhruba Chakarborty	Role of homoeopathic medicines in up-regulation of host immunity using leprosy disease model.	2007-11	 Therapeutic effect of Mercurius solubilis on immune status of a borderline leprosy case; IJRH Vol. 8 (2), 2014 Link A comparative study of homoeopathic medicine – Sulphur with multi drug therapy in the treatment of paucibacillary leprosy; IJRH 2015, Vol. 9 (3) Link
32	Indian Institute of Technology, Kharagpur	Professor Satyahari Dey	Evaluation of major active principles of anti-diabetic homoeopathic medicines from Cephalandraindic a at ultra-high dilutions in experimental animals	2010-11	Anti-diabetic effect of Cephalandra indica Q in diabetic rats; IJRH, Vol. 7(1), 2013 Link

33	Purte Priya Memorial, Sri Ram Medical and Homoeo Research Centre, Gorakhpur, U.P		Homoeopathic Management of Benign Neoplastic Lesions of breast – An evidence based study	2009-12	Not published
34	Andhra Pradesh Homoeopathic Association Multi- Specialty Clinic, Hyderabad.	Dr. G R Mohan	A study of depressive disorders in Hyderabad urban population with a Homoeopathic approach.	2009-12	Not published
35	Bengal Engineering & Science University, West Bengal.	Dr. C R Mahata	Spectral standardization of potentised homoeopathic medicines	2009-12	Not published
36	Postgraduate Institute of Medical Education and research, Chandigarh	Dr. Dibyajyoti Banerjee	Identification of mode and pathway of anti-diabetic action of ultra-molecular dilutions of alloxan on alloxan induced diabetic rabbit.	2011-13	Not published

Ongoing studies

S.No.	Institute/Organization	Principal Investigator	Project Title
1	R. C. Patel Institute of Pharmaceutical Education and Research, Karvand Naka, Shirpur - 425 405, Dist: Dhule (M.S.)	Dr. C.R. Patil	Anti-inflammatory and Anti-arthritic Homeopathic drugs: Standardization through Pharmacological Evaluation and Establishment of Mechanisms of Action
2	Soukya Foundation Charitable Trust, 202, Parvathi Plaza, 105 Richmond Circle, Bangalore	Dr. Issac Mathai	An open observational trial of Homoeopathic medicine in mild and moderate COPD with Spirometry evaluation
3	Department of Biotechnology, Institute of Applied Sciences & Humanities, GLA University, Mathura, 17km stone, NH-2 Mathura- Delhi Road, P.O. Chaumuhan, Mathura – 281406	Dr. AK Bhatia	Evidence based support for efficacy of homeopathic remedy, "Nux vomica" through pharmacological studies and elucidation of its mechanism of action using Gene Expression Profiling
4	S.P. Medical College, Diabetes Care & Research Centre, S.P. Medical Govt College, Bikaner -334003	Dr. R P Aggarwal	Effect of Homoeopathic medicine Cephalandra indica on glucose metabolism, β cell function and insulin resistance in adults of type 2 diabetes. Double blind, placebo controlled cross over study.
5	Maharishi Markandeshwar College of Pharmacy, Maharishi Markandeshwar University, Mullana, Ambala, Haryana- 133207	Dr. Randhir Singh Dahiya	To evaluate the attenuating potential of Gymnema sylvestre, Cephalendra indica and their bioactive compounds in diabetic complications [diabetic neuropathy and diabetic nephropathy
6	Homoeopathic Research Foundation B-1/41, Sector-A, Kapoorthala, Aliganj, Lucknow-226024	Dr. Girish Gupta	Evidence based clinical study on the role of homoeopathic medicines in cases of Poly Cystic Ovarian Disease (PCOD)
7	Department of Biochemistry, AIIMS, New Delhi	Dr Sudip Sen	Elucidating the mechanism behind documented osteogenic activity of Symphytum officinale in human bone marrow derived mesenchymal stem cells in - vitro

8	Dr. ALM Post graduate Institute of Basic Medical Sciences, University of Madras, Chennai	Dr S Prakash	Analyzing the effect of potentised homoeopathic medicine Lycopodium clavatum on male reproductive function in aged rat.
9	Society for Welfare of the Handicapped Persons, Durgapur	Dr. Dhruba Chakraborty	Studies on the efficacy of homoeopathic medicine in the treatment of osteomyelitis in neuropathic feet in leprosy
10	Institute of Cytology and Preventive Oncology (ICMR), Noida	Dr R Suresh Kumar	Molecular evaluation of Anti-cancer and Anti-viral properties of Thuja Occidentalis
11	Integrative Research School for Health Affairs, Bharati VidyaPeeth University, Pune	Dr Ruchika Kaul Ghanekar	Evaluating the anti-cancer activity of homoeopathic potencies of Terminalia chbula in breats cancer cell lines and analyzing the best potency for activity in breast cancer muse model