## **CENTRAL COUNCIL FOR RESEARCH IN HOMOEOPATHY**

Information relating to various research projects (Intramural/collaborative) undertaken during the last five yrs.

S. No	Title of the Project intramural/collaborati ve Separately undertaken by the Council yr. wise during the last five yrs. up to	Salary component of	Other expenditure	date of the	End date of the project	Durati on of the Project	Outcome/present status of the project	Number of papers published on the basis of conclusions drawn during the Project
	2017	contractual staff						
CLIN	ICAL RESEARCH:	l			ı			
1.	Homoeopathic	32,17,269	3,04,052	July	July	2 yrs.	Concluded	One protocol article
	therapy for lower			2012	2014		Out of 461patients screened,	published in IJRH
	urinary tract						254 patients were enrolled in	
	symptoms in men with						the study, 241 patients were	
	Benign Prostatic						analyzed as per mITT. The	publication
	Hyperplasia: A						change in IPSS and Quality of	
	randomized multicentric clinical						Life (QOL) due to urinary	
	trial						symptoms at end of study had shown a downward trend in all	
	DDPRCRI(H),Noida						three groups. The mean IPSS	
	CRI(H) Kottayam						score reduced significantly in	
	RRI(H)Gudivada						both the groups treated with	
	CRU(H), Tirupathi						Homoeopathic medicines	
	CRU(H), Gangtok						compared to Placebo.	
	CRU(T) Port Blair							

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2.	A multi centrerandomized double blind placebo controlled clinical trial of predefined homoeopathic medicines in Cervical Spondylosis pain management. Ext. centre, DSU, Hyderabad RRI(H) Mumbai RRI(H), Jaipur CRI(H) Kottayam RRI(H)Gudivada DDPRCRI(H), Noida CRU(T), Pudducherry	1,75,529	32,460	March 2012	March 2014	2 yrs.	Concluded  134 patients comprising of Homoeopathy (n= 66) and Placebo(n= 68) were enrolled in the study. Follow up for each patient was done on 3 <sup>rd</sup> day and 8 <sup>th</sup> day. On Visual Analogue Scale (VAS) in Homoeopathy (n=66) there was significant reduction in for Pain score after 3 <sup>rd</sup> day and 8 <sup>th</sup> day follow up. On PGIC scale in Homoeopathy(n=66), 12(18.2) cases were moderately better, 20(30.3) Better and 16(24.2) a great deal better. Medicines which were most commonly used were Rhustox, Calcareacarb., Kalmia and Paris quadrifolia.	Submitted for publication
3.	Sepia in menopausal	7,55,238	67,880	March	Dec	2 yrs. 8	Concluded	Submitted for

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	symptoms: A multicentre randomized double blind placebo controlled clinical trial RRI(H), Mumbai CRU(T),Ranchi RRI(H), Puri DDPRCRI(H), Noida			2012	2014	month	The primary outcome measure i.e. Total score of Greene Climacteric Scale (GCS) was reduced from 29.9±8.2 to 8.0 ± 4.8 in Sepia and 30.3±8.9 to 9.2±6.2 in placebo group. Though the changes are statistically not significant, but comparatively more reduction was observed in homoeopathy group Significant improvement was noted in tiredness (p=0.03) in Sepia group.	publication
4.	A randomized open controlled trial of predefined homoeopathic medicines on Acute Adenolymphangitis (ADL) due to Lymphatic Filariasis	8,00,250	66,150	Octobe r 2012	Apr 2014	1 yrs. 6 month s	Study concluded Total screened – 143 and enrolled 112. The results showed that both homoeopathic and allopathic medicines are equally effective in the treatment of Acute ADL attacks. Homoeopathic	Indian Journal of Research in Homoeopathy" Volume 12 / Issue 2 / April-June 2018

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	RRI(H), Puri						medicines, when prescribed basing upon the acute totality and characteristic indications of the patient, were found to be very effective in treating acute ADL. All the 55 cases (100%) showed marked improvement after treatment.	
5.	Adjuvant homoeopathic management for cancer patients experiencing side effects form chemotherapy- A pilot study. DACRRI(H) Kolkata	1,27,500	72,531	August 2012	August 2016	4 yrs.	Concluded	Under analysis
6.	Lycopodiumclavatum in Urolithiasis: A randomized, double blind, placebo	-	1,53,913	June 2012	March 2015	2 yrs.	Concluded	Under publication

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7.	controlled clinical trial.  DDPRCRI(H), Noida  HDRI Lucknow  RRI(H), Shimla  RRI(H), Jaipur  DACRRI(H) Kolkata  CRU(T)Siliguri  Comparative trial in the management of Alcohol dependence: standard allopathy treatment vs. homoeopathy – A randomized trial  DDPRCRI(H), Noida NHRIMH, Kottayam	3,76,040	5,420	Oct 2012	Oct 2014	2 yrs.	Concluded 80 patients received either individualized homoeopathy(IH) or standard allopathy (SA). ITT analysis reflected 80% (n = 32) of the patients in IH and 37.5% (n = 15) of the patients in the SA responding treatment with absolute difference was 42.5% [95%CI: 23.0, 61.6], P = 0.0002. Medicines found useful were Sulphur, Lycopodium clavatum, Arsenicum album, Nux vomica, Phosphorus, and La	Published Indian J Res Homoeopathy 2016 ;10 (3): 172-81

	Cost of the project			End date of the	Durati on of the	Outcome/present status of the project	Number of papers published on the basis of conclusions
undertaken by the Council yr. wise during the last five yrs. up to 2017	Salary component of contractual staff	Other expenditure	project	project	Project		drawn during the Project
						chesis	
A randomized, placebo controlled, cross-over, clinical trial of homoeopathic medicines in Autism.  CRI(H) Kottayam  RRI(H), Mumbai  DRACRRI, Kolkata	4,76,250	1,530	June 2012	June 2017- 18	5 yrs.	Concluded	Under analysis
A randomized double blind placebo controlled multicentic trial on the effects of Homoeopathic medicines on Chronic Rhinosinusitis.  DDPRCRI(H), Noida RRI(H), Shimla RRI(H), Jaipur RRI(H), Guwahati  A single-blind, open,	7,11,492	1,65,260 2,36,261	June 2012 Sept.	Dec 2013	1 yr. 5 month s	Concluded	One protocol article published in IJRH  Study under analysis

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	randomized, placebo- controlled trial of add- on homeopathic therapy in patients of severe Leptospirosis on conventional care. CRU(T) Port Blair			2012	2015	month s		
11.	Effectiveness of homoeopathic medicines-vs-placebo as add on to institutional management protocol for Acute Encephalitis Syndrome (AES) -An observational comparative study.  CTU Gorakhpur	69,00,882	5,16,477	July 2012	Nov. 2012	5 month s	Concluded 151 children (121 in IMP + H and 30 in only IMP) diagnosed with AES were enrolled. The results showed 12 (9.9%) death out of 121 children administered IMP + H whereas it was 13 (43%) out of 30 children on IMPalone. Homoeopathy when added benefitted the children in reducing mortalidty and morbidity.	

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	undertaken by the Council yr. wise during the last five yrs. up to	Salary component	Other expenditure	project	project	Project		drawn during the Project
							The most useful medicines are Belladonna, Stramonium, Arsenicum album, Helleborus, Bryonia alba, Sulphur, andCuprummetallicum.	
12.	Efficacy of homoeopathic treatment for Diabetic Distal Symmetric Polyneuropathy: A multicentric randomized double blind placebo controlled clinical trial RRI(H)Gudivada CRU(H), Chennai CRU(T), Pudducherry CRU(H), Tirupathi, CRU(T)Siliguri DSU, Hyderabad DDPRCRI(H), Noida	25,27,847	6,37,328	June 2013	July 2014	2 yrs.	Concluded	One protocol article published in IJRH  Study under analysis

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	2017	staff						
13.	Homoeopathy as adjunctive treatment to resperidone/olanzipin e in treatment resistant patients of Schizophrenia: An open label randomized placebo controlled trial.  CRI(H) Kottayam CRU(T)Ranchi	24,88,505	3,11,259	May 2013	Sept. 2017	5 yrs.	Concluded	Under analysis
14.	A multi-centre single blind randomized placebo controlled trial to evaluate the efficacy of individualized homoeopathic intervention in Breast Fibroadenoma	17,61,944	2,41,220	Januar y 2013	June 2018		Concluded	Data collection in process

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	CRI(H) Kottayam RRI(H), Puri RRI(H), Mumbai DDPRCRI(H),Noida DACRRI(H) Kolkata							
15.	Effects of Homoeopathic intervention in pre- diabetes (EHIP): An open label randomized placebo controlled clinical trial. DDPRCRI(H),Noida CRI(H) Kottayam RRI(H)Gudivada DSU, Hyderabad CRU(H), Chennai CRU(T), Pudducherry CRU(H), Tirupathi CRU(T)Siliguri	44,66,857	2,44,147	Oct. 2013	Mar 2018	4yrs 6 month s	Concluded	Under data acquisition
16.	Effects of	32,08,528	64,334	Oct.	March	4 yrs	Concluded	Under data

S. No	the last five yrs. up to	Salary	he project Other expenditure	date of	the	Durati on of the Project	Outcome/present status of the project	Number of papers published on the basis of conclusions drawn during the Project
	individualized homoeopathic intervention in Dyslipidemia: an open label randomized controlled exploratory trial. RRI(H)Gudivada DSU, Hyderabad DDPRCRI(H),Noida CRU(H), Tirupathi CRI(H) Kottayam CRU(H), Chennai CRU(T), Pudducherry			2013	2018	6 months		acquisition
17.	Effect of Homoeopathic intervention in stage I Essential Hypertensive Patients: A randomized double blind, placebo	32,26,227	1,75,710	Oct. 2013	March 2018	4 yrs. 6 mnths	Concluded	Under analysis

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18.	controlled trial.  DSU, Hyderabad CRU(H), Tirupathi CRU(H), Chennai DDPRCRI(H), Noida DACRRI(H) Kolkata RRI(H)Imphal Effectiveness of homoeopathic medicines-vs-placebo as add on to institutional management protocol for Acute Encephalitis Syndrome (AES) -A randomized placebo controlled trial CTU Gorakhpur	69,00,882	5,16,477	July 2013	Dec. 2015	3 yrs. 4 mnths	Concluded A total of 612 children were analyzed (Homeopathy [H] =304; Control [C] = 308). The primary outcome, GOS, differed significantly between H and C groups. There was 14.8% death/neuro-vegetative state in the H group compared to 29.8% in the C group. Relative risk was 0.49 (95% confidence interval [CI]: 0.36 to 0.68). The most frequently used medicines were Belladonna, Stramonium,	Paper published Indian J Res Homoeopathy 2015 ;9(1):34-41

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							Arsenicum album, Sulfur , Opium, and Nux vomica.	
19.	Effects of homoeopathic intervention in prevention of clinical hypothyroidism: A randomized double blind placebo controlled parallel arm trial.  New Delhi	-	-	2015	-	-	Ongoing	Data collection in process
20.	A clinical trial to study the efficacy of predefined homoeopathic medicines in the treatment of Gastro- Esophageal Reflux Disease (GERD) RRI(H) Mumbai	-	39,336	Sept.2 014	Aug. 2015	1 yr.	Concluded In this study, 34 patients were enrolled, having gastroesophageal reflux disease (GERD) symptom for at least twice a week. Homoeopathic medicines were prescribed based on individualization. Significant difference was found	Paper published Indian J Res Homoeopathy 2016;10 (3): 188-98

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	DDPRCRI(H),Noida DACRRI(H) Kolkata						post-treatment in GERD symptom score and three domains of WHO-QOL score. Medicines found useful were: Lycopodium, Pulsatilla, Nux vomica, Cinchona officinalis.	
21.	Management of Polycystic Ovarian Syndrome with homoeopathic intervention versus placebo -A randomized controlled pilot study DDPRCRI(H),Noida Ext. centre, DSU, Hyderabad	-	4,09,372	Feb 2014	May 2015	1 yr. 4 mnths	Concluded	One protocol article published in IJRH  Paper published Indian J Res Homoeopathy 2018;12:35-45
22.	Comparing individualized homoeopathy with placebo in managing	7,91,123	1,49,050	Oct. 2015	March 2018	2 yrs.	Concluded	Data cleaning and analysis under process

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	pain of knee osteoarthritis: a double-blind randomized controlled trial.  RRI(H)Gudivada DPRCRI(H),Noida CRU(T)Siliguri RRI(H), Shimla CRI(H) Kottayam RRI (H), Mumbai							
23.	A Comparative Randomized Controlled Trial of Homoeopathy &Allopathy in Acute Otitis Media & its recurrence in Children. RRI(H), Jaipur DDPRCRI(H), Noida	13,72,386	20,636	Nov 2014	Nov. 2018	4 yrs.	Ongoing	Data collection is in process

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	CRI(H) Kottayam RRI(H), Shimla DSU, Hyderabad							
24.	Individualized Homoeopathic intervention in Diabetic Foot Ulcer: a randomized controlled pilot study using Calendula Q vs normal saline for ulcer dressing. Ext. centre, DSU, Hyderabad	12,08,371	5,02,751	May 2014	Nov. 2017	3 yrs. 6 mnths	Concluded	Under analysis
25.	Observational study to evaluate response to homoeopathic treatment in psoriasis RRI(H)Gudivada RRI(H), Guwahati DACRRI(H), Kolkata	39,53,494	2,62,000	Sept. 2014	March 2018	3 yrs. 6 mnths	Concluded	Under analysis

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	2017	staff						
	CRI(H) Kottayam DDPRCRI(H), Noida CRU(T), Pudducherry CRU(T)Siliguri CRU (H), Agartala RRI(H), Jaipur RRI(H), Mumbai RRI(H), Puri							
26.	Observational study to evaluate response to homoeopathic treatment in vitiligo DDPRCRI(H),Noida CRI(H) Kottayam RRI(H)Gudivada DACRRI(H) Kolkata RRI(H) Mumbai RRI(H), Guwahati RRI(H) Puri HDRI Lucknow CRU(H) Chennai	18,99,579	3,32,800	Dec 2014	March 2018	3 yrs. 4 mnths	Concluded	Under analysis

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	CRU(T) Port Blair	_						
27.	Homoeopathic Ferrum drugs in treatment of Iron deficiency anemia in children DDPRCRI(H), Noida RRI(H), Guwahati RRI(H)Imphal CRI(H) Kottayam	4,65,350	2,30,725	Sept. 2015	March 2018	2 yrs. 9 mnths	concluded	Under analysis
28.	Efficacy of homoeopathic treatment in subclinical hypothyroidism in school going children: a randomized double blind placebo controlled parallel arm trial.  New Delhi	-	23,74,331	June 2015	June 2020	5 yrs.	Ongoing	Data collection in process
29.	Follow up cross	-	-	June	March	2	Concluded	

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	sectional study of Subclinical Hypothyroidism children post five yrs. of treatment			2015	2018	yrs.10 month s		
30.	Effectiveness of homeopathic medicines- as add on to institutional management protocol for Acute Encephalitis Syndrome (AES) – A case control study  CTU Gorakhpur, Uttar Pradesh	69,00,882	5,16,477	July 2016	May 2017	10 month s	Concluded	Under analysis
31.	Validation of commonly used homoeopathic drugs for acne: A prospective	14,95,802	-	Oct. 2015	-	-	Ongoing	Data collection

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	observational study RRI(H) Mumbai HDRI Lucknow CRU(H) Agartala CRI(H) Kottayam CRU(T) Gangtok							
32.	Validation of commonly used homoeopathic drugs for bronchial asthma:  A prospective observational study  DPRCRI(H)Noida CRI(H) Kottayam DS U (Extn.) Hyderabad	3,84,500	1,20,750	Oct. 2015	-	-	Ongoing	Data collection
33.	Validation of commonly used homoeopathic drugs for functional dyspepsia: A	15,02,945	-	Oct. 2015			Ongoing	Data collection

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	prospective observational study CRU(H) Chennai CRU(T) Port Blair RRI(H) Puri							
34.	Validation of commonly used homoeopathic drugs for haemorrhoids: A prospective observational study  CRU(T)Siliguri RRI(H),Imphal RRI(H), Gudivada HTCSafdarjung Hospital CRU(T)Ranchi	37,32,406	65,735	Oct. 2015	-	-	Ongoing	Data collection
35.	Validation of commonly used homoeopathic drugs	6,75,121	12,776	Oct. 2015	-	-	Ongoing	Data collection

S. No	the last five yrs. up to	Salary component of contractual	Other expenditure	date of	the	Durati on of the Project	Outcome/present status of the project	Number of papers published on the basis of conclusions drawn during the Project
	for migraine: A prospective observational study	staff						
	DACRRI(H) Kolkata CRU(T), Pudducherry RRI(H), Guwahati							
CLIN	ICAL VERIFICATION:							
1.	A multi-centric Observational Clinical verification study of 16 drugs proved by CCRH  CRU (H), Portblair RRI (H), Gudivada RRI (H), Agartala RRI (H), Puri DDPRCRI (H), Noida HRID, Chennai RRI (H), Imphal	1,07,19,672	2,40,756	2014	Oct. 2018	4 yrs.	Ongoing	05 papers published 05 monographs published 01 book published

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	undertaken by the	Salary	Other		project	Project		drawn during the
	Council yr. wise during	component	expenditure					Project
	the last five yrs. up to							
	2017	contractual						
		staff						
	CVU (H), Patna							
	DPU, Bhubaneswar							
	RRI (H), Guwahati							
	RRI (H), Shimla							
	HDRI (H), Lucknow							
	DACRRI (H), Kolkata							
DRU	G PROVING:							
1.	DRUG PROVING	1,78,49,797	14,14,592	One yea	r study	1 yr.	Drugs completed:	02 drugs published in
	CRI (H), Kottayam			for ever	y drug		1. Acoruscalamus	2012-13
	DAC RRI (H), Kolkata						2. Daturaarborea	
	DDPR CRI (H), Noida						3. Daturametel	04 drugs published in
	DPU, Bhubaneswar						4. Leucasaspera	2013-14
	HDRI, Lucknow						5. Withaniasomnifera	
	RRI (H), Gudivada						6. Cochleariaarmoracia	01 drug published in
	RRI (H), Jaipur						7. Brassica oleracea	2014-15
	RRI (H), Navi Mumbai						8. Fagopyrumesculentum	
							9. Anthrakokali	01 drug published in
							10. Jalapa	2015-16
							11. Ephedra vulgaris	
							12. Ferrum pic	01 drug published in

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							13. Syzygiumjambolanum 14. Arsenic sulphflavum 15. Blattaorientalis 16. Cuprum aceticum 17. Gallium acidum  11 coded drugs are ongoing	2016-17
EPID	DEMIC:							
1.	Real-life effect of adjuvant Homoeopathy with Standard Care Protocol in Management of Dengue Fever with Thrombocytopenia - A Comparative Cohort Study		-	Sept. 2015	August 2016	1 yr.	Article submitted for publication.	Under publication
2.	To assess the effect of public health advisory on use of homoeopathic		-	Nov. 2015	Oct. 2016	1 yr.	A total of 945 individuals were interviewed and all included in the survey on practices related	Under review

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	medicines for prevention of dengue - population based study						to prevention against dengue. Further, 151(16%) individuals were aware about public health advisory and included for survey on awareness. Out of 222 participants who have taken medicinal prevention; allopathy medicine was taken by 109 (11.5%) population followed by Homoeopathy 72 (7.6%), Ayurveda 16 (1.7%) Unani medicine by 1 person and home remedies by 24 (2.4%) participants.	
3.	Effectiveness of Eupatorium perfoliatum as preventive in dengue fever outbreak — A cluster randomized, double blind, parallel arm, placebo-controlled	32,00,00	36,86,000	May 2016	April 2017	1 yr.	Total 64,096 healthy individuals were enrolled for participation. Study data is compiled and analysis under progress.	Under analysis

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	Council yr. wise during the last five yrs. up to	•		project	project	Project		drawn during the Project
		staff						
	trial.							
4.	Effectiveness of Eupatorium perfoliatumas preventive in dengue fever outbreak – A cohort study.	2,08,000	17,37,350	June 2016	May 2017	1 yr.	Preliminary results of fever incidence were compared between both groups. Total 32.6% of fever cases was reported from non-medicine area compared to 4.6 % of fever from medicine distributed area. Results were encouraging and indicate the positive role of Eupatorium perfoliatum in prevention of dengue.	Manuscript preparation is in progress.
5.	To assess the effectiveness of homoeopathy treatment in management of chikungunya fever during outbreak through data collection	-	-	Septe mber 2016	August 2017	1 yr.	After data collection a total of 135 patients were studies comprising 60 (44.4%) males and 75 (55.5%) females.  Symptom of suspected chikungunya patients were assessed using Visual Analogue Score (VAS), fever was present	Manuscript is under preparation.
	at Delhi.						in 104 patients, improved in 23	

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		Stan					(22.1%) patients in first follow up (p=0.01); Joint pain was present in 121 patients, relieved in 13 (10%) during their third follow up visit and is significant (p=0.04); Joint stiffness was present in 74 patients and got cured in 18(23.4%) patients with significant difference (0.01).	
1.	Studies on anti-diabetic properties of Homoeopathic preparation of Syzigiumjambolanum and Cephalandra-indica	7,03,200	23,66,410	Feb 2010	Apr 2012	26 month s	The present study shows that the homeopathic preparations of Syzygiumjambolanum and Cephalandraindica exhibit the antidiabetic effects by improving insulin action through activation of insulin signaling molecules in skeletal muscle of type-2 diabetic rats.	Homeopathy (2013) 102, 160- 171.
2.	Protective role of	8,42,000	21,20,100	Feb	Apr	26	The findings demonstrate that	Homeopathy (2013)

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	Council yr. wise during	component	expenditure		p. oject	1.0,000		Project
	the last five yrs. up to	of						
	2017	contractual staff						
	Homoeopathic preparation of Berberis vulgaris to alleviate kidney stone disease and its influence on molecular events leading to Calcium oxalate crystal deposition.			2010	2012	month s	homeopathic preparation of B. vulgaris possesses strong antilithiatic potential when given in homoeopathic preparation.	102, 172- 178.  ForschKomplementm ed 2014;21:7-12
3.	Pharmacological evaluation of homoeopathic medicines.	7,15,200	24,75,000	Feb 2011	Feb 2013	26 month s	Lycopodium showed improvement in learning and memory which suggests that Lyc may be used as a drug of choice in condition of memory impairment due to its beneficial effect on Cerebral Blood Flow.  Study was designed to investigate the effect of <i>Merc. sol</i> on learning and memory and	Homeopathy (2014); 1-5 IJRH 2015, 9(1):42-48

S. No	Title of the Project intramural/collaborati ve Separately	Cost of t	he project	date of	End date of the	Durati on of the	Outcome/present status of the project	Number of papers published on the basis of conclusions
	undertaken by the Council yr. wise during the last five yrs. up to 2017	Salary component of contractual staff	Other expenditure	project	project	Project		drawn during the Project
							cerebral blood flow (CBF) in the rat model of impaired learning and memory function. Results demonstrated the effectiveness of Merc. sol in improving memory function and CBF. Thus, it could be used as a therapeutic agent in dementia.	
4.	Safety and efficacy studies of Homoeopathic drugs	2,80,800	5,39,040	June 2012	May 2013	1 yr.	The study revealed the anti- inflammatory, analgesic and acute & sub-acute toxicity of the study drugs (Bellisperennis, Curcuma longa, Rauwolfia serpentine, Ricinuscommunis, TribulusterrestrisandTerminaliaa rjuna)in mice model, which will further help to standardize the mentioned drugs and their clinical uses.	Indian Journal of Research in Homoeopathy, Volume 11, Issue 1, January-March 2017
5.	Preliminary pharmacological studies	2,80,800	4,86,540	June 2012	May 2013	1 yr.	This study throwed light on anti- convulsant and cardiovascular	

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	of Homoeopathic drugs						activity of mother tinctures of Bellisperennis, Curcuma longa, Rauwolfia serpentine, Ricinuscommunis, TribulusterrestrisandTerminaliaa rjuna in mice model.	
6.	Role of homoeopathic medicines in cancer regression and rejuvenation of depressed immune system: a mechanism study	2,80,800	6,56,160	June 2012	July 2013	1 yr.	The study explored the genomic-proteomic factors responsible for cancer cell apoptosis for each remedy, and validated that each drug type has its unique mode of action on cancer cell line.	Oncol. Rep. 2014, Jan. 24, Doi:10.3892. International Journal of Oncology, 47:573- 582, 2015
7.	Efficacy of Homoeopathic Therapy on duration of labour.	9,30,000	5,26,400	Octobe r 2012	Septe mber 2013	1 yr.	Duration of labour was analyzed under different parameters. The result was not encouraging in almost all parameters due to small sample size, but 3rd quartile in the homeopathy group the duration of labour is slightly lower than the placebo	

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		contractual						
		staff					group. It indicates a large sample size may give significant result in favor of homeopathy group.	
8.	Changes in Electro Physiological markers in muscle fatigue with homoeopathic preparation of Arnica montana – A comprehensive study.	7,39,750	5,37,250	Feb 2011	March 2014	38 month s	The study was conducted to understand the scientific outcome using the tools for assessment of muscle fatigue done with appropriate physiological multilevel parameters.  The exploratory trial was aimed	
							at measuring muscle fatigue using techniques like Impedance Plethysmography (IPG), Electromyography (EMG), Photoplethysmography (PPG), Pulse Transit Time (PTT), Electrocardiography (ECG) and scales like Visual Analog Scale	

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							(VAS) & Rate of Perceived Exertion (RPE) in subjects before and after administration of study drug. The study achieved its required sample size and data of subjects is under process for statistical evaluation.	
9.	Evaluation of antifungal activity of certain Homoeopathic medicines on growth of human pathogenic fungi "Candida albicans" using in-vitro assays.	-	2,00,000	Decem ber 2013	March 2018	4 yrs. 4 mnth	Experiments were conducted and further experiments were planned for validation.	IJRH, 2017, 11(4):237-243.
10.	Evaluation of antifungal activity of certain Homoeopathic medicines on growth of human pathogenic fungi "Aspergillusniger" using in-vitro assays.	-	-	Decem ber 2013	March 2018	4 yrs. 4 mnth	Experiments were conducted and further experiments were planned for validation	

S. No	Title of the Project intramural/collaborati ve Separately undertaken by the Council yr. wise during the last five yrs. up to 2017	Salary	he project Other expenditure	date of the project	the	Durati on of the Project	Outcome/present status of the project	Number of papers published on the basis of conclusions drawn during the Project
11.	Evaluation of antifungal activity of certain Homoeopathic medicines on growth of human pathogenic fungi "Microsporumcanis" using in-vitro assays.	-		Decem ber 2013	March 2018	4 yrs. 4 mnth	Experiments were conducted and further experiments were planned for validation	
12.	Screening of antibacterial activity of certain homoeopathic medicines on the growth of human pathogenic Gram negative bacterial strain Escherichia coli in-vitro models, CRI, Noida.	-	2,00,000	March 2014	March 2018	4 yrs.	-	-
13.	Screening of antibacterial activity of certain homoeopathic medicines on the growth of human	-	-	March 2014	March 2018	4 yrs.	-	-

S. No	Title of the Project intramural/collaborati ve Separately undertaken by the Council yr. wise during the last five yrs. up to 2017	Salary	he project Other expenditure	date of	the	Durati on of the Project	Outcome/present status of the project	Number of papers published on the basis of conclusions drawn during the Project
	pathogenic Gram negative bacterial strain Klebsiella pneumonia in-vitro models, CRI, Noida.							
14.	Screening of antibacterial activity of certain homoeopathic medicines on the growth of human pathogenic Gram negative bacterial strain Proteus mirabilis invitro models, CRI, Noida.	-	-	March 2014	March 2018	4 yrs.	-	-
15.	A multicenter study on action of homoeopathic medicines and potencies on heart rate variability (HRV) and blood flow variability		-	April 2009	May 2014	5 yrs. 2 mnth.	A multi centric study on action of homoeopathic medicines and potencies on heart rate variability (HRV) and blood flow variability (BFV) using medical analyzer system was undertaken	The Journal of Alternative and Complimentary Medicine, in 2011 (Volume 17(8))

S. No	Title of the Project intramural/collaborati ve Separately undertaken by the Council yr. wise during the last five yrs. up to 2017	Salary	he project Other expenditure	date of the project	the	Durati on of the Project	Outcome/present status of the project	Number of papers published on the basis of conclusions drawn during the Project
	(BFV) with medical Analyzer System						with the aim to explore the validation of effectiveness of homoeopathic preparations on physiological variablities. It has been concluded that it is possible to record the response of homoeopathic medicines on physiologic parameters of the autonomic nervous system.	
16.	To evaluate certain homoeopathic medicines for their immuno- modulatory and antioxidant potential.	12,57,90 0	17,42,100	April 2009	May 2014	5 yrs. 2 mnth	The study helped us to understand the specific action of homoeopathic medicines both in-vivo and in-vitro for their immune - modulatory and antioxidant potential	
17.	Exploratory experiments on ultrasonic velocity in homoeopathic potencies.	-	-	May 2014	Januar y 2015	8 mnths	Concluded on April, 2015  The study concludes that the Homoeopathic potencies have different Physio- chemical properties than the alcohol.	Journal of Molecular Liquids 211 (2015) 1082-1094

S. No	Title of the Project intramural/collaborati ve Separately undertaken by the Council yr. wise during the last five yrs. up to 2017	Salary	he project Other expenditure	date of the project	the	Durati on of the Project	Outcome/present status of the project	Number of papers published on the basis of conclusions drawn during the Project
		Stair					Further, different medicines have different properties also.	
18.	Effect of homoeopathic medicines on dengue virus infection on mosquito cell line and in suckling mice.	17,19,00 0	3,52,000	Jan 2015	-	-	The study will help us to understand the mechanism of action of homoeopathic drugs on dengue virus infection in mice and mosquito cell line model. This will help us to understand application of same in human beings in further studies.	
19.	Estimation of viral load and immune response in JE virus infected adult and suckling mice treated with Belladonna.	11,46,000	3,52,000	Jan 2015	-	-	The study will help us to understand the mechanism of action of homoeopathic drugs on JE virus infection in mice and mosquito cell line model. This will help us to understand application of same in human beings in further studies.	
20.	Elucidation of molecular mechanism of action of	1 ' '	60,10,698	March 2015	March 2019	4 yrs.	Main focus in this project proposal is to understand how	

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	Belladonna - CalcareaCarbonica - TuberculinumBovinum (BCT) during Japanese Encephalitis Infection.						Belladonna-200 cross talk with the host receptors and innate immune response during JEV infection and to understand the mechanism behind its protection.	
21.	Understanding the Mechanism of action of homoeopathic medicine at molecular level in nano domains in-vivo and in-vitro systems.		13,90,000	March 2015	March 2018	3 yrs.	The main objective is to establish homeopathy as nano medicine and in vitro study of effect of homeopathic medicines at different potencies on membrane physical properties, in vivo study of effect of homeopathic medicines at different potencies & characterization of homeopathic medicines.	Papers published: Every Science & research 2017, Volume 35(3):249-254.  International Journal of High Dilution Research 2016; 16(2):01-04.  International Journal of High Dilution Research 2016; 15(3):18-22.

S. No	intramural/collaborati ve Separately undertaken by the Council yr. wise during the last five yrs. up to	Salary component of contractual staff	Other	date of	the	Durati on of the Project	Outcome/present status of the project	Number of papers published on the basis of conclusions drawn during the Project
								International Journal of High Dilution Research 2016; 15(1):10-17.  International Journal of High Dilution Research 2015; 14(9):02-07.
22.	Efficacy of the Homoeopathic preparation of Berberis vulgaris to alleviate acute oxalate toxicity: An insight into lithogenic events with special reference to crystallization and	7,80,000	36,94,375	March 2015	Sept. 2017	2yrs 6mnth s	To develop effective natural therapeutic strategy to alleviate hyperoxaluric stress associated oxidative, nitrosative disturbances and inflammatory aberrations on the basis of biochemical, molecular and immunological analysis (with special reference to lithogenic	-

S. No	Title of the Project intramural/collaborati ve Separately undertaken by the Council yr. wise during the last five yrs. up to 2017	•	date the proje	End of date of the ct project	Durati on of the Project	Outcome/present status of the project	Number of papers published on the basis of conclusions drawn during the Project
	inflammation.					protein expression and Bonn Risk Index) and thereby identifying the potency of the homeopathic preparation of berberis vulgaris in acute oxalate toxicity.  To find out whether the homeopathic preparations of Berberis vulgaris in θ, 6C, 30C, and 200C potencies are effective in lowering the lithogenic risk factors such as promoters and inhibitors by computation of Bonn Risk index.  To analyze whether the oxalate induced altered expression of genes and proteins are reverted by the drug  To explore whether the homeopathic preparation mediates the salubrious effect	

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							by altering p38MAPK/p42,44 MAPK. To delineate whether the drug is capable of preventing mitochondrial collapse induced by oxalate.	
23.	A randomized double blind placebo controlled multicentric trial on the efficacy of homoeopathic medicine on sub-clinical hypothyroidism (RCT)			June 2015	-	5yrs.	-	-
24.	Follow up cross sectional study of Subclinical Hypothyroidism children post three yrs. of treatment			June 2015	Dec. 2017	2yrs 6mnth s	-	-
25.	In vitro studies of some Homoeopathic	12,21,600	33,64,480	March 2012	May 2018	4yrs 2mnth	Concluded on May, 2016 The study revealed the influence	Manuscript submitted for

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	medicines on the proliferation and differentiation of neural stem cell (Avenasativa, Caust.,Phos. and Zinc.)					S	of homoeopathic medicines on the proliferation and differentiation of neural stem cells and will also determine the relative efficacies of potentized homoeopathic medicines regarding their possible actions on neural stem cells in vitro.	publication
26.	Effects of Potentized Homoeopathic medicines in Agriculture (Agro-Homoeopathy): An eco-friendly alternative solution for synthetic fertilizers and pesticides.	17,13,600	16,03,180	May 2015	Dec. 2018	3yrs 6mnth s	Study aims at extensive scientific study of effects of abiotic stress on growth and development of seedlings, field application of these potentised homeopathy remedies in agriculture and effect on yield & use of potentised homeopathic nosodes and autonosodes in controlling diseases of wheat and pea by use of same disease of plant.	
27.	To study the effect of		-	Jan	March	4yrs	To study the effect of	-

S. No	Title of the Project intramural/collaborati ve Separately undertaken by the Council yr. wise during the last five yrs. up to 2017	Salary	he project Other expenditure	date of the project	the	Durati on of the Project	Outcome/present status of the project	Number of papers published on the basis of conclusions drawn during the Project
	homeopathic drugs on ultra-structure of mid- gut cells derived from Aedesalbopictus.			2015	2019	2mnth s	homeopathic medicines on the ultrastructure of mid gut cells derived from Aedesalbopictus&to study the apoptotic and necrotic changes in mid gut cells	
28.	Prophylactic effect of Homeopathic anti- malaria drugs on malaria - A prevention effectiveness study in Odisha, Odisha	35,39,153	44,98,794	May 2017	Dec. 2018	1 yr.	The proposed study aims to measure and document the efficacy of select homeopathic medicines in the prevention of malaria in a community setting through an experimental study design. If found positive, such homoeopathic medicines can be used as preventive against malaria.	-
29.	Increased NS1 Antigen Expression By Dengue Virus Infected Vero Cells Under Influence Of Ultra Diluted Timber	-	-	Jan. 2016	Dec. 2016	1 yr.	Concluded on 2016 Timber rattle snake (Crotalushorridus) venom (TRV) contains bioactive agents like phopholipases A2, serine	World Journal of Pharmacy & Pharmaceutical Sciences, Volume 6, Issue 7, 1096-1106.

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	the last five yrs. up to	of						
	2017	contractual staff						
	Rattlesnake Venom						proteinases, bradykinin potentizi	
	(Crotalus 6C)						ng and natriuretic C type peptides, which may act directly	
							or indirectly on different	
							enveloped viruses to diminish	
							their infection. In this	
							experiment ultra-diluted	
							alcoholic extract of TRV (~ 1	
							pg/μL, Crotalus 6c in	
							homeopathic pharmacopoeia,	
							dilution 10-12) was added to	
							Vero cell culture medium, after	
							Dengue NS1 antigen positive	
							serum with high viral load (>106	
							copies/mL) was applied on it.	
							The dose of the TRV extract was	
							predetermined by MTT assay. It	
							was found that ultra-diluted TRV	
							extract increases NS1 antigen	
							significantly in comparison to	
							the controls. Although the exact	

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							mechanism is not known, it may be due to the potent antiviral agent phopholipase A2 in snake venom, which may destroy envelope of the virus exposing RNA genome and releasing NS1 antigen in the medium.	
30.	An observation on direct changes in Aedesalbopictusmidgut cells by Rhustox 6C in relation to dengue virus infection.	-	-	Jan 2016	Dec. 2016	1 yr.	Concluded on 2016 In our experiments, we found that <i>Rhustox</i> 6C could increase cell size and help organization of cells on the solid surface as observed under scanning electron microscope although the total number of cells was decreased. Moreover, <i>Rhustox</i> 6C treated cells were healthier as indicated by less number of deformed, clump, and diploform cells.	IJRH 2016; 10:258-65
31.	Primary cell culture of	-	-	Jan	Dec.	1yr.	Concluded on 2016	Asian Journal of

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	Aedesalbopictusmidgut cells: A prospective model for in vitro study of arboviruses			2016	2016		The primary cell culture showed an increasing growth pattern of columnar cells up to 48 hrs followed by decrease in cell population afterward. However, the number of stem cells increased significantly throughout the study period, and their population outnumbered the columnar cells after 72 hrs. There was no significant change of goblet cells and regenerating cells which were scanty in number throughout the experiment.	
32.	Safety studies and pharmacological screening of Homoeopathic Drugs-Dengue Nosodes developed from Dengue	9,18,780	11,14,570	May 2016	Dec. 2017	18 mnths	This study aims to investigate the safety of Eupatorium perf.,Crotalushorridus, and Dengue nosode on mouse model.	-

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	the last five yrs. up to 2017	contractual staff						
	virus. (All India Institute of Medical Science, New Delhi)							
33.	To evaluate the anti- leishmanial potential of some homoeopathic drugs in experimental visceral leishmaniasisPanjab university, Punjab		28,31,040	August 2016	August 2019	3 yrs.	Current study is expected to assist in the development of newer homoeopathic drugs as anti-leishmanial agents which could be used for the treatment of Kala azar patients in endemic areas.	-
34.	Evaluation of antimalarial efficacy of some homeopathic drugs against Plasmodium falciparum in vitro and against Plasmodium berghei in vivo Panjab university, Punjab	, ,	41,73,468	August 2016	August 2019	3 yrs.	The study will evaluate the antimalarial efficacy of some homoeopathic formulations against lethal rodent malaria parasite (Plasmodium berghei). Field trials of efficacious remedies against P. falciparum will be carried out to evaluate their efficacy in prevention and treatment of malaria. Changes caused by various homeopathic	-

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							drugs can be studied at genetic and immunological levels.	
35.	Pharmacological screening of Homeopathic drugs used in rheumatoid arthritis	12,25,440	15,31,272	Feb 2017	Feb. 2019	2 yrs.	Aim of the present study is to determine the safety potential of homeopathic drugs and to evaluate the anti-inflammatory and anti-arthritic activity of homoeopathic drugs.	-
DRU	IG STANDARDIZATIO	N:						
1.	Drug Standardisation Research:- Laying down the standards for Pharmacopoeia Monograph (HPI) DSU, Hyderabad DDPRCRI(H), Noida SMPCU, Ooty		9,13,342	-	-	1 Yr.	<ol> <li>Drugs completed:</li> <li>Bryophyllumcalycinum</li> <li>Cassada (Manihotesculenta)</li> <li>Commiphorawightii</li> <li>Erigeron Canadensis</li> <li>Lobelia erinus</li> <li>Rumexcrispus</li> <li>Magnesium fluoratum</li> <li>Mentholum</li> </ol>	Published (Homoeopathic Pharmacopoeia of India HPI Volume –X consists of 101 drugs  Pharmacognostic and HPTLC Finger printing of Pyrusmalus L. Indian Journal of Research in

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		staff					Homoeopathy 2013,7(1), 3-8.  Pharmacognostic and Physico-chemical Evaluation of Heliotropiumperuvia numLa homoeopathic drug. Indian Journal of Research in Homoeopathy,2013, 7(3), 103-108 Standardisation of Homoeopathic drugs – Buxussempervirens L. Indian Journal of Research in Homoeopathy 2013, 7(2), 41-46

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	undertaken by the Council yr. wise during the last five yrs. up to 2017	Salary component of contractual staff	Other expenditure		project	Project		drawn during the Project
		Stan						Standardisation of Cycleapeltata(Lam) Hook. f and Thoms in homoeopathic parlance. Asian J. Homoeopathy2013, 3(24), 41-47
								Standardisation of Ficuscarica L. In homoeopathic perspective. Indian Journal of Research in Homoeopathy2013, 7(4), 153-157
								Standardisation of Homoeopathic drug: ManihotesculentaCrantz., Asian J.

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	undertaken by the Council yr. wise during the last five yrs. up to 2017		Other expenditure	project	project	Project		drawn during the Project
		3.00.1						Homoeopathy2014, Vol.8, 1(26), 33-37
								Contributed a chapter to Book in. "Turning plants into medicines: novel approaches" edited by T. Parimelazhagan published by New India Publishing Agency, New Delhi.
								Pharmacognostic and Physico-chemical Standardisation of Pyrusmalus Linn. 2013, IJRH, Vol.7(1), 3-8.

S. No	Title of the Project intramural/collaborati ve Separately			date of		Outcome/present status of the project	Number of papers published on the basis of conclusions	
	undertaken by the Council yr. wise during the last five yrs. up to 2017	Salary component of contractual staff	Other expenditure		project	Project		drawn during the Project
								Homoeopathic Drug: Plectranthusfruticosu s. Indian Journal of Research in Homoeopathy 2013, 7(4):168-75
								Indigo feratinctoria: Preliminary experimental study evaluating its analgesic and behavioural activities in animals. Indian Journal of Research in Homoeopathy, 2012, 6(1&2):1-7
								Morpho-anatomy of leaf, stem and root of Alternantherasessilis

S. No	Title of the Project intramural/collaborati ve Separately undertaken by the Council yr. wise during the last five yrs. up to 2017	Salary component ex of contractual staff	Other	date of	the	Durati on of the Project	Outcome/present status of the project	Number of papers published on the basis of conclusions drawn during the Project
								(L.) R. Br. ex DC and Lternantherapungens Kunth (Amaranthaceae)and its significance in drug identification. Indian Journal of Research in Homoeopathy, 2012, 6(4):1-7
								Preliminary study to evaluate analgesic and behavioural effects of Lycopodiumclavatum in experimental animals. Indian Journal of Research in Homoeopathy, 2013, 7(4):168-75

S. No	intramural/collaborati ve Separately undertaken by the Council yr. wise during the last five yrs. up to	Cost of the project  Salary Other expenditue of contractual staff	the project	End date of the project	Durati on of the Project	Outcome/present status of the project	Number of papers published on the basis of conclusions drawn during the Project
							Pharmacodynamic and ethnomedicinal uses of Weed species in Nilgiris, Tamil Nadu State, India; Review, African J. Agricultural Res. 8(27): 3505 – 3527, 2013
2.	Cultivation of Medicinal Plant used in Homoeopathy/ Survey/repository/Prep aration of Herbarium sheet and maintaining of Germplasms of Exotic and indigenous plants at CMPRH, Ooty	-	-	-	Regula r activity	Cultivation and maintenance of germplasm /saplings/seedlings of 77 (64 exotic and 13 indigenous) medicinal plants. 16 survey tours for collection of raw drugs have been conducted and 40 herbarium sheets have been mounted and stitched for maintaining under the raw drug repository of Homoeopathic medicinal plants. 14 raw drugs supplied to DS Centres for	Nilgiris, Tamil Nadu. S. Rajan. J. Econ. Tax. Bot. 38(2): 263 – 278,

S. No	Title of the Project intramural/collaborati ve Separately undertaken by the Council yr. wise during the last five yrs. up to 2017	Salary	he project Other expenditure	the project	End date of the project	Durati on of the Project	Outcome/present status of the project	Number of papers published on the basis of conclusions drawn during the Project
		44.40.00	44.00.000			4.1/	standardization studies.	4.0.0.1.0.0
3.	Drug Standardisation Research	41,18,99	14,29,869			1 Yr.	<ol> <li>Aethiopsantimonialis</li> <li>Manganumsulphuricum</li> <li>Chlorpromazinum</li> <li>Eosinum</li> <li>Kaliumhydriodicum</li> <li>Bryonopsislaciniosa</li> <li>Salvia sclarea</li> <li>Ephedra vulgaris</li> <li>Rosa damascene</li> <li>Syzygiumjambolanum</li> </ol>	1. P. Padma Rao, P. Subramanian, P. Sudhakar and P.R.Reddy. Pharmacognostics tudies on seed of DaturaferoxL. Indian J.Nat Prod Resour, 2014, Vol.5 (4), pp.326-331.  2. P. Padma Rao, P. Subramanian and P. Sudhakar. Standardisation of Homoeopathic Drug: Plectranthusfrutic osus, IJRH, 2014, Vol.8 (4), pp.194-

S. No	intramural/collaborati ve Separately			date of	date of on of puthe the	Outcome/present status of the project	Number of papers published on the basis of conclusions	
	undertaken by the Council yr. wise during the last five yrs. up to 2017		Other expenditure		project	Project		drawn during the Project
								199. 3. P. Subramanian, P. Padma Rao, P. Sudhakar and P.R. Reddy. PharmacognosticS tandardisation of Chamaecyparisla wsoniana (A.Murr.) Parl — A Homoeopathic Drug." J. Econ. Tax. Bot. 2014. V. 38 (1)pp. 136-144. 4. P.Subramanian, Physico chemic profile of sor colouring plants use in Homoeopath Ancient Science life, 2001, Vol.21 (

S. No	Title of the Project intramural/collaborati ve Separately undertaken by the Council yr. wise during the last five yrs. up to 2017	Salary component	the project	End date of the project	Durati on of the Project	Outcome/present status of the project	Number of papers published on the basis of conclusions drawn during the Project
							pp.111-119.  5. P. Sudhakar, P. Padma Rao , P. Ramachandra Reddy PharmacognosticS tudies on Stem Bark of Plumeriarubra L. Current Research in Biological and Pharmaceutical Sciences, 2014, Vol. 3 (1), pp. 8 – 11.  6. P. Sudhakar, D. Kavitha, P. Ramachandra Reddy and P. Padma Rao. Pharmacognostic

S. No	intramural/collaborati ve Separately undertaken by the Council yr. wise during the last five yrs. up to	Salary	he project Other expenditure	date of the project	End date of the project	Durati on of the Project	Outcome/present status of the project	Number of papers published on the basis of conclusions drawn during the Project
		staff						studies on the leaf of <i>Elytrariaacaulis</i> (L.f.) Lindau. Geo – Phytology 44(2), 2014: pp. 169 – 173. 7. Monograph of <i>Cynodondactylon</i> published 8. Monograph of <i>Alfa</i> alfa
4.	HPI Revision Work on 150 drugs	-	-	-	-	3 Yrs.	28 Drugs Completed	published.
5.	Cultivation of Medicinal Plant used in Homoeopathy/ Survey/Preparation of Herbarium sheet and maintaining of Germplasms of Exotic		-	-	-	Regula r activity	Cultivation and maintenance of germplasm /saplings/seedlings of 86 (71 exotic and 15 indigenous) medicinal plants. 25 survey tours for collection of raw drugs have been conducted and 34 herbarium sheets have	1. "Studies on Chemotypicvariat ion in Centellaasiatica (L.) Urban from Nilgiri Range of India" by

S. No	Title of the Project intramural/collaborati ve Separately		he project	Start date of the	End date of the	Durati on of the	Outcome/present status of the project	Number of papers published on the basis of conclusions
	undertaken by the Council yr. wise during the last five yrs. up to 2017	Salary component of contractual staff			project	Project		drawn during the Project
	and indigenous plants at CMPRH, Ooty						been mounted and stitched for maintaining under the raw drug repository of Homoeopathic medicinal plants. 20 raw drugs supplied to DS Centres for standardization studies.	SharadSrivastava, ShikharVerma, Abhishek Gupta, S. Rajan and Ajay Kumar Singh Rawat. Jour. Planer Chromatography (Hungary) 27, 454-459, 2014. 2. Plants Used for the Treatment of Primary Health Care by the Primitive Tribes in Nilgiris, Tamil Nadu, India. S. Rajan. In Pulok K. Mukherjee (Ed.). Traditional Medicine and

S. No	intramural/collaborati ve Separately undertaken by the Council yr. wise during the last five yrs. up to	Salary component	Other expenditure	date of the	End date of the project	Durati on of the Project	Outcome/present status of the project	Number of papers published on the basis of conclusions drawn during the Project
	2017	staff						
								Globalization - The Future of Ancient Systems of Medicine. Maven Publishers, Kolkata, 678 - 689, 2014.
6.	Drug Standardisation Research	42,28,32 6	14,28,693	-	-	1 Yr.	06 Drugs completed	Pharmacognostic     standardization
7.	HPI Revision Studies 150 drugs		-	-	-	3 Yrs.	31 Drugs Completed	of Homoeopathic drug: Juniperusvirginia na L. Indian journal of Research in Homoeopathy 2015, 9(2): 102-108 2. Evaluation of

S. No	intramural/collaborati ve Separately			the	End date of the	Durati on of the	Outcome/present status of the project	Number of papers published on the basis of conclusions
	undertaken by the Council yr. wise during the last five yrs. up to 2017	Salary component of contractual staff			project	Project		drawn during the Project
		Stair						pharmacological screening and toxicity profile of selected homeopathic drugs. J Pharm Pharmacogn, Res 3(suppl. 1): S189, 2015 3. Standardisation of Glycosmispentap hylla (Retz.) DC. – A Homoeopathic drug. Advancements in Homoeopathic Research 2016, Vol No 2 (36): 25-31. 4. Pharmacognostic

S. No	Title of the Project intramural/collaborati ve Separately undertaken by the Council yr. wise during the last five yrs. up to 2017	Salary	Other expenditure	the project	End date of the project	Durati on of the Project	Outcome/present status of the project	Number of papers published on the basis of conclusions drawn during the Project
								and Physicochemical Standardization of Homoeopathic Drug: Rumexcrispus L. Indian journal of Research in Homoeopathy, 2016, 10 (2):119- 125. 5. Pharmacognostic study of Chamaecyparisla wsoniana (Murr.) Parl.: A drug used in Homoeopathy. IJRH, 9(1):20-24. 2015 6. An investigation to evaluate the

S. No	intramural/collaborati ve Separately undertaken by the Council yr. wise during the last five yrs. up to	Salary component of contractual staff	Other	date of	the	Durati on of the Project	Outcome/present status of the project	Number of papers published on the basis of conclusions drawn during the Project
								analgesic and central nervous system depressant activities of SolanumnigrumL. in Homoeopathic potencies in experimental animal models. IJRH, 9(1):12-19. 2015.
8.	Cultivation of Medicinal Plant used in Homoeopathy/ Survey/Preparation of Herbarium sheet and maintaining of Germplasms of Exotic and indigenous plants at CMPRH, Ooty		-	-	-	-	Cultivation and maintenance of germplasm /saplings/seedlings of 76 (64 exotic and 12 indigenous) medicinal plants. 10 survey tours for collection of raw drugs have been conducted and 114 herbarium sheets have been mounted and stitched for maintaining under the raw drug	-

S. No	Title of the Project intramural/collaborati ve Separately	Cost of the project		Start End date of the the		Durati on of the	Outcome/present status of the project	Number of papers published on the basis of conclusions
	undertaken by the Council yr. wise during the last five yrs. up to 2017	Salary component of contractual staff			project	Project		drawn during the Project
							repository of Homoeopathic medicinal plants. 14 raw drugs supplied to DS Centres for standardization studies.	
9.	Drug Standardisation Research (Finished product standards)	1 ' '	19,16,474	-	-	1 Yr.	78 Drugs completed	<ol> <li>Monograph of Tylophoraindica published.</li> <li>P.Subramanian, P. Padma Rao, P.Sudhakar P. S. Narayana "Pharmacognostic and Physicochemical Standardisation of Homoeopathic Drug: Rumexcrispus L."</li> </ol>

S. No	Title of the Project intramural/collaborati ve Separately undertaken by the Council yr. wise during the last five yrs. up to 2017	Salary	the	End date of the project	Durati on of the Project	Outcome/present status of the project	Number of papers published on the basis of conclusions drawn during the Project
							Indian Journal of Research in Homoeopathy, 2016, Vol.10 (2), pp: 119-125.  3. P. Subramanian, P. Padma Rao, P. Sudhakar, M. Nagaraju and P. S. Narayana, "Standardisation of Glycosmispentaph ylla (Retz.) DC. A Homoeopathic drug" Advancements in Homoeopathic

S. No	Title of the Project intramural/collaborati ve Separately undertaken by the Council yr. wise during the last five yrs. up to 2017	Salary	the	End date of the project	Durati on of the Project	Outcome/present status of the project	Number of papers published on the basis of conclusions drawn during the Project
							Research, 2016, Vol.1 No.2 (36), pp: 25-31.  4. P. Padma Rao, P.Subramanian, P.Sudhakar P. S. Narayana&M.Nag arajuPharmacogn ostic and physico- chemical evaluation of homoeopathic drug: Erigeron canadensisL.India n Journal of Research in
							Homoeopathy,201 7, Vol.11 (1), pp:

S. No	Title of the Project intramural/collaborati ve Separately undertaken by the Council yr. wise during the last five yrs. up to 2017	Salary	the project	End date of the project	Durati on of the Project	Outcome/present status of the project	Number of papers published on the basis of conclusions drawn during the Project
							26-33.  5. Binit Kumar Dwivedi, Manoj Kumar, Anil Khurana, Bhopal Singh Arya, EchurNatraj anSundaram, R. K. Manchanda "Comparative standardization study for determination of Reserpine in Rauwolfiaserpe ntina homoeopath ic mother tinctures

S. No	intramural/collaborati ve Separately undertaken by the Council yr. wise during the last five yrs. up to	Salary	he project Other expenditure	the project	End date of the project	Durati on of the Project	Outcome/present status of the project	Number of papers published on the basis of conclusions drawn during the Project
								manufactured by different
								pharmaceutical
								industries using
								HPTLC as a check
								for quality
								control" published
								in IJRH, 8-Jun-
								2017: 109-117.
10.	Cultivation of Medicinal		-	-	-	-	Cultivation and maintenance of	Intra-Specific
	Plant used in						germplasm /saplings/seedlings	Chemotypic
	Homoeopathy/						of 76 (64 exotic and 12	Variability of
	Survey/Preparation of						indigenous) medicinal plants. 18	Forskolin Content in
	Herbarium sheet and						survey tours for collection of	Coleus forskohlii
	maintaining of						raw drugs have been conducted	(Wild.) Briq. Growing
	Germplasms of Exotic						and 109 herbarium sheets have	in Nilgiri Hills of India,
	and indigenous plants						been mounted and stitched for	Jour. Planer
	at CMPRH, Ooty						maintaining under the raw drug	Chromatography 29
							repository of Homoeopathic	(5): 347 – 355. 2016.

S. No	Title of the Project intramural/collaborati ve Separately			date of	End Durati date of on of the the		7.	Number of papers published on the basis of conclusions
	undertaken by the Council yr. wise during the last five yrs. up to 2017	Salary component	Other expenditure		project	Project		drawn during the Project
							medicinal plants. 26 raw drugs supplied to DS Centres for standardization studies.	
11.	HPI Revision Studies	17,11,84 8	3,27,668	-		1 Yr.	17 Drugs Completed	Paper Published:  1. Satish Patel, B Biswas, M Nagaraju, S Jhansi, RenuArya, ENSundaram "Pharmacogeneti c studies of polygala senega L. Root: A homoeopathic drug". IJRH 2018; 12 (1): 4-10.
								Books/Monographs:  1. Monograph of  Bellisperennis  published.

S. No	intramural/collaborati ve Separately undertaken by the	Cost of the project  Salary Other		date of the		Outcome/present status of the project	Number of papers published on the basis of conclusions drawn during the		
	Council yr. wise during the last five yrs. up to	of	expenditure					Pro	oject
		contractual							
		staff							
									Monograph of <i>Atistaindica</i> published.
								3.	Monograph of Abromaaugusta published.
								4.	Handbook of medicinal plants used in Homoeopathy
								5.	published Monograph of Cassia sophera published.
								6.	Monograph of Tinosporacordifol ia published.
12.	Cultivation of Medicinal Plant used in Homoeopathy/ Survey/Preparation of			-	-	-	Cultivation and maintenance of germplasm /saplings/seedlings of 75 (61 exotic and 14 indigenous) medicinal plants. 19	1.	Medicinal Plants Diversity and their Folklore Uses by the

S. No	Title of the Project intramural/collaborati ve Separately	Cost of t	he project	Start date of the	End date of the	Durati on of the	Outcome/present status of the project	Number of papers published on the basis of conclusions
	undertaken by the Council yr. wise during the last five yrs. up to 2017	Salary component of contractual	Other expenditure		project	Project		drawn during the Project
	2017	staff						
	Herbarium sheet and maintaining of Germplasms of Exotic and indigenous plants at CMPRH, Ooty						survey tours for collection of raw drugs have been conducted and 109 herbarium sheets have been mounted and stitched for maintaining under the raw drug repository of Homoeopathic medicinal plants. 26 raw drugs supplied to DS Centres for standardization studies.	Tribes of Nilgiris Hills, Tamil Nadu, India. R. Logesh, S.P. Dhanabal, B. Duraiswamy, M.V.N.L. Chaitanya, P. Dhamodaran and S. Rajan. Int. J. Pharmacog. Chinese Med.(China) 1 (3): 114 – 125, 2017. 2. Bioassay –Guided fractionation and isolation of 6- Gingerol for Acetyl- cholinesterase inhibitory Activity

S. No	intramural/collaborati ve Separately			the	End date of the	Durati on of the	Outcome/present status of the project	Number of papers published on the basis of conclusions
	undertaken by the Council yr. wise during the last five yrs. up to 2017		Other expenditure	project	project	Project		drawn during the Project
		Jami						from Zingiber officinal (Roscoe) rhizome. R. Logesh, S.P. Dhanabal, B. Duraiswamy and S. Rajan. Internat. J. Scientific Research (India) 6 (12): 62 – 66, 2017.  3. Gp and NPC1 Herbal Targeted Compounds in Drug Discovery and Development- An insilicoevidencefro ebola drugs. R.

S. No	Title of the Project intramural/collaborati ve Separately undertaken by the Council yr. wise during the last five yrs. up to 2017	Salary	Other	date of	the	Durati on of the Project	Outcome/present status of the project	Number of papers published on the basis of conclusions drawn during the Project
								Logesh, M. Parameswaran, S.P. Dhanabal, B. Duraiswamy, P. Dhamodaran and S. Rajan. <i>Der Pharmacia lettre</i> (USA) 9(9): 12 - 23, 2017.  4. Evaluation of Anti-microbial potential of <i>Baeolepis nervosa</i> (Wight &Arn.) Decne. exMoq. R. Logesh, S.P. Dhanabal, B. Duraiswamy, R. Rajesh kumar, M.V.N.L.

S. No	intramural/collaborati ve Separately undertaken by the Council yr. wise during the last five yrs. up to	Salary component	he project Other expenditure	date of the project	the	Durati on of the Project	Outcome/present status of the project	Number of papers published on the basis of conclusions drawn during the Project
DIIR	LIC HEALTH PROGRA	MS·						Chaitanya and S. Rajan. <i>Der Pharmacia lettre</i> (USA) 9(9): 45 - 61, 2017.
1.	Integration of AYUSH (Homeopathy along with Yoga) in the National Programme for Prevention and Control of Cancer, Diabetes, Cardiovascular Diseases & Stroke (NPCDCS): A pilot project.  Krishna District, Andhra Pradesh		40,61,188	Sept. 2015	-	Ongoin g	Integration of homoeopathy along with Yoga would enable in Prevention and control of NCDs through health education, promotion, behavioural change, early detection and to avoid complications.	-

S. No	Title of the Project intramural/collaborati ve Separately	Cost of t	he project	Start date of the	End date of the	Durati on of the	Outcome/present status of the project	Number of papers published on the basis of conclusions
	the last five yrs. up to	Salary component of contractual staff	Other expenditure	project	project	Project		drawn during the Project
	Darjeeling District, West Bengal Sambalpur District, Odisha Nashik District, Maharashtra							
2.	Health Camps under Schedule Caste Sub Plan: RRI(H), Guwahati RRI(H), Jaipur RRI(H), Shimla RRI(H), Puri RRI(H), Mumbai RRI(H), Kolkatta RRI(H), Imphal HDRI Lucknow CRU(T), Tirupati CRI, Noida NHRIMH,Kottayam	3,467,683	24,173	April 2016	-	Ongoing	Council has organised 1723 camps in total in the 46 villages having more than 40% of SC population through its 18 institutes and 553306 patients are benefitted in the activity undertaken.	

S. No	Title of the Project intramural/collaborati ve Separately undertaken by the Council yr. wise during the last five yrs. up to 2017	Salary component		the project	End date of the project	Durati on of the Project	Outcome/present status of the project	Number of papers published on the basis of conclusions drawn during the Project
	CVU(H), Patna CRU(H), Puducherry CRU(H), Siliguri DSU, Hyderabad DDPRCRI(H), Noida CRU(H), Chennai CRU, Agartala							
3.	Homoeopathy for Healthy Child: RRI(H),Guwahati CCRH(Hq),New Delhi RRI(H),Mumbai DPU,BBSR,Bhubneshw ar DDPRCRI(H), Noida RRI(H), Jaipur CRU(T),Ranchi	83,40,593	12,26,407	April 2015	-	-	The program is being implemented through 8 institutes/units of CCRH in 8 districts in 12 pre-identified blocks.  Since inception 69450 children enrolled out of which 9032 cases of diarrhea reported and 8394 responded to homoeopathic treatment that is 92% and 13666 cases of URTI/fever reported and 12798 responded to homoeopathic treatment that is 93%.	-

S. No	Title of the Project intramural/collaborati ve Separately			date of	the	Durati on of the Project	Outcome/present status of the project	Number of papers published on the basis of conclusions drawn during the
	undertaken by the	Salary Other	project					
	Council yr. wise during	component	expenditure					Project
	the last five yrs. up to	of						
	2017	contractual staff						
4.	SwasthyaRakshan	32562444	17635181	April	-	Ongoin	Total 6474SRP camps were	
	Programme:			2015		g	conductedand 360601patients	
	DDPRCRI(H), Noida						were benefitted from	
	NHRIMH, Kottayam						homoeopathy.	
	RRI(H), Guwahati							
	RRI(H), Puri						IEC material Banners/02	
	RRI(H), Imphal						handouts/posters were	
	HDRI, Lucknow						developed in 09 languages	
	RRI(H), Shimla						including Hindi, English and 7	
	DACRRI(H), Kolkata						regional for creating awareness.	
	RRI(H), Shimla							
	RRI(H), Jaipur						24782 families were surveyed in	
	RRI(H), Mumbai						Family health survey(FHS) and	
	RRI(H), Gudivada						24647 individuals screened	
							under Individual health survey	
							(IHS) is.	
							The common prevalent diseases	
							are	
							upper respiratory tract	
							infections, cough, asthma,	
							dermatitis, myalgia, functional	

S. No	Title of the Project	Cost of the project	Start	End	Durati	Outcome/present status of the	Number of papers
	intramural/collaborati		date of	date of	on of	project	published on the
	ve Separately		the	the	the		basis of conclusions
	undertaken by the	Salary Other		project	Project		drawn during the
	Council yr. wise during	component expenditure					Project
	the last five yrs. up to	of					
	2017	contractual					
		staff					
						dyspepsia, headache, cervical	
						and lumbar spondylosis.	