डॉ. श्रीनिवास प्रसाद बूदूरु
अध्यक्ष, आयुर्वेद बोर्ड
Dr. Sreenivasa Prasad Buduru
President, Board of Ayurveda

ncism
प्राणाभिसरः प्राणायतनानाम्

भारतीय चिकित्सा पद्धति राष्ट्रीय आयोग
आयुष मंत्रालय, भारत सरकार
National Commission for Indian System of Medicine
Ministry of Ayush, Govt. of India

D.O. No.1-E/President.BOA/2024 **Dated.- 01.01.2024**

To,

All Directors/Deans/Principals of Ayurveda Colleges

'HAPPY NEW YEAR 2024'

Sub: Collaborative Research with CCRAS and Ayurveda academic institutes under regulation of NCISM- reg

Sir/Madam,

As you are all aware that generation of tangible evidence to demonstrate efficacy and safety of Ayurveda interventions using interdisciplinary research methods and translating it into public health care is the need of the hour. The Central Council for Research in Ayurvedic Sciences (CCRAS), an apex organization for the formulation, co-ordination, development and promotion of research on scientific lines in Ayurveda is proposing innovative idea to explore arenas for collaborative research with Ayurveda academic institutions/hospitals across the country under 'SMART' (Scope for Mainstreaming Ayurveda Research in Teaching professionals) program to promote robust clinical studies in priority areas through mutual collaboration. The research programme shall be coordinated through the peripheral research institutes of this Council

Priority Research Areas:

1. **Bal Kasa**: - Safety, tolerability and adherence to Ayurveda formulations
2. **Malnutrition**: - Safety, tolerability and adherence to Ayurveda formulations
3. **Insufficient lactation**: - Safety tolerability and adherence to Ayurveda interventions in Insufficient lactation
4. **Abnormal Uterine Bleeding**: - Safety tolerability and adherence to Ayurveda interventions in Abnormal Uterine Bleeding
5. **Osteoporosis**: - Safety, tolerability and adherence and improving disease outcomes in Osteoporosis in post menopausal women
6. **DM II:-** Safety, tolerability, adherence to Ayurveda interventions, improving disease outcomes and improving Quality of life in DM

Ayurveda academic institutions interested to take-up these collaborative research activities may submit 'Expression of Interest in the prescribed format (Annexure-1) to the Email id (ccrassmart2.0@gmail.com) with a copy to NCISM (president.boa@ncismindia.org) on or before 10th January Please refer Annexure-2 for eligibility criteria and terms of references (ToR) to take up collaborative study as per the priority areas mentioned above..

Any query in this regard may be clarified by the office through the email: ccrassmart2.0@gmail.com

ANNEXURE-1

EXPRESSION OF INTEREST (EoI)

Ayurveda academic institutions fulfilling the eligibility criteria and interested to take up the collaborative research activities in the priority research areas listed in SMART 2.0 scheme of CCRAS may submit Expression of Interest (EoI) in the format listed below.

The EoI shall reach to CCRAS through email (ccrassmart2.0@gmail.com) with a copy to NCISM (president.boa@ncismindia.org) on or before 10th January 2024.

Format for Expression of interest for SMART Phase 2

Sr. No	Particulars	Details
1.	Name & Address of the institute	
2.	Official Contact details of the institute (mail id & mobile number	
3.	Erstwhile CCIM/Govt of India/NCISM permission status Y of last five years	
4.	Name of the Head of the institute & contact details	
5.	Name & Designation of Contact Person & contact details	
6.	Proposed priority areas of research/s for which EoI is being given	
7.	Number of OPD & IPD patients treated for top 10 major diseases in hospital. Provide data for the last 5 years in tabular form (Table format given below)	
8.	No. of patients treated at OPD and IPD level (provide name of 10 major disease patients managed in last 5 years)	
9.	Whether institute is having Research cell? If yes provide details of the research staff (name, qualifications & designation)	
10.	Functional Institutional Ethics Committee (IEC)	
11.	Status of IEC registration with DHR/ recognition by reputed research organizations	
12.	Status of NAAC/NABH/NABL accreditations (Provide details of year of accreditation and grade if any)	
13.	MoU with established NABL accredited Labs	
14.	Details of NABL accredited Path/Biochemistry labs in the city (name of the lab and the distance from the hospital)	
15.	Whether institute is conducting PhD programme, if Yes number of PhD produced from Institute	
16.	Is college having regular faculty/ part time physician (modern) to manage emergency cases in hospital	
17.	Research experience of proposed Principal Investigator/ Co-investigator(s) (provide number of PG/PhD theses and sponsored projects)	
18.	Total number of Publication (s) by the proposed PI/ CoI during last 5 yrs. Out of total publications how many are in UGC-CARE/Pub Med/Scopus journals	

19.	No. of Research Projects/ Sponsored Clinical Trials conducted by the institute with CTRI registration no.	
20.	Total number of publications by the institute during last 5 yrs Out of total publications how many are in UGC-CARE/PubMed/Scopus journals	
21.	No of Training programs on research methodology/ scientific writing conducted by the institute during last 5 yrs.	

SMART' (Scope for Mainstreaming Ayurveda Research in Teaching professionals)

Table for providing OPD/IPD data

Sr. No	Diseases	Number of patients treated									
		2022-23		2021-22		2020-21		2019-18		2018-19	
		OPD	IPD	OPD	IPD	OPD	IPD	OPD	IPD	OPD	IPD
1	Bal Kasa										
2	Malnutrition										
3	Insufficient lactation										
4	Abnormal Uterine Bleeding										
5	Osteoporosis in menopausal women										
6	DM II										

SMART' (Scope for Mainstreaming Ayurveda Research in Teaching professionals)

ANNEXURE-2

Eligibility criteria to take up collaborative research projects under SMART by an Ayurveda academic Institution/ Hospital:

1. Ayurveda academic institution with good track record of clinical research activities
2. Ayurveda Hospital with good track record of clinical research activities
3. Ayurveda academic institution with experience of PG/PhD/sponsored clinical studies
4. Academic institution/ Ayurveda Hospital with good patient flow of OPD and IPD in the priority areas as per enclosed letter /reference
5. Colleges and their teaching hospitals with NAAC/NABH/NABL accreditations and DHR registration will be given priority.

Duration of Projects: Maximum of 2 years

Terms of References (TOR):

1. The study design, methodology, and structured CRF shall be as provided by CCRAS.
2. The trial interventions (formulations validated through clinical studies in different disease conditions and quality assured trial interventions) shall be supplied by the CCRAS.
3. Institutions taken up collaborative studies shall abide by the existing regulatory guidelines such as 'Ethical Guidelines for Biomedical Research on Human

Participants' (2017), Drugs and Cosmetics Act (1940) and Drugs and Cosmetics Rules (1945), ICH GCP guideline and CCRAS research Policy.

4. The proposed PI/ Co-I should be an Indian Citizen, with MD/MS (Ay.), preferably in the concerned subject, with at least 5 years of Academic Research experience and should published at least three original research articles in UGC-CARE, Pub Med or Scopus indexed journals.
5. An undertaking shall be provided by the Head of the collaborating institution to ensure the timely and proper execution of the research study as per the proposed deliverables.
6. Collaborating institute shall obtain Institutional Ethics Committee (IEC) clearance before the sanction of the research proposal by the CCRAS.
7. The study should be registered at the CTRI portal before initiating the participant's enrolment.
8. Necessary technical assistance and guidance for the execution of the study shall be provided by the co-coordinating institutes of CCRAS.
9. Budget estimate for are search project will exceed one crores
10. The co-coordinating institute shall be responsible for scrutiny and release of the budget to the respective collaborating academic institute.
11. The first installment shall be released to the collaborating institution only after getting the necessary approval. The grant for 2nd year would be released based on the submission of the Statement of Expenditure (SoE) and assessment of work done.
12. All expendable and non-expendable articles acquired for work of the project should be purchased in accordance with the GFR 2017. However in no case budget shall exceed the expenditure approved for the said project.
13. The study site shall also co-operate for monitoring/auditing procedures as appropriate
14. Mutual agreement on IPR claims addressing the IPR issues is to be submitted upon selection of proposal, if applicable.
15. MoU shall be signed with the participating institutes for smooth execution of the project and shall be bound by both parties signing the agreement.
16. The PI of the project shall submit a Monthly, Annual and Final progress report (in prescribed format) through proper channel to the CCRAS coordinating center.
17. The final report and utilization certificate shall be submitted by the collaborative center within prescribed time/ one month of completion of the study.
18. Details of the coordinating institutes under CCRAS are available at www.ccras.nic.in

SMART' (Scope for Mainstreaming Ayurveda Research in Teaching professionals)

Dr. B.S. Prasad
President, Board of Ayurveda
National Commission for Indian System of Medicine, New Delhi