

SCHEME FOR TRAINING IN AYURVEDA RESEARCH FOR POST-GRADUATE SCHOLARS (PG-STAR)

1. INTRODUCTION:

The Central Council for Research in Ayurvedic Sciences (CCRAS), under Ministry of AYUSH, is an ensemble of 30 tangential institutes. This apex body in India is amongst the leading research organizations in the field of Ayurveda i.e. Indian heritage system of medicine. Over the years, the council is devotedly working for undertaking, coordinating, formulating, developing and promoting research on scientific lines in Ayurvedic Sciences through its different peripheral units and also through collaborative studies with various Universities, Hospitals and Institutes nationally and internationally. The research activities of the Council include Medicinal Plant Research (Medico-Ethno Botanical Survey, Pharmacognosy and Tissue Culture), Drug Standardization, Pharmacological Research, Clinical Research, Literary Research, Documentation and Health Care Research Programmes through various outreach activities.

CCRAS has initiated the STUDENTSHIP PROGRAM FOR AYURVEDA RESEARCH KEN (SPARK) for Undergraduate Scholars of Ayurveda, AYUSH Ph.D. Fellowship scheme to meritorious post graduates of AYUSH system and CCRAS Post -Doctoral Fellowship Scheme for PhD scholars of AYUSH to identify promising young researchers with innovative ideas.

2. ABOUT THE SCHEME:

The Council intends to initiate “SCHEME FOR TRAINING IN AYURVEDA RESEARCH FOR PG SCHOLARS (PG-STAR)” for Ayurveda Post Graduate Scholars pursuing their MD/MS(Ayu) courses. Currently a total of ~ 4000 scholars are pursuing MD/MS degree in various branches in NCISM / GoI affiliated / recognized colleges/institutes. This scheme aims at facilitating MD/MS Scholars by providing them financial and technical support. This scheme is primarily aimed at promoting good quality research in Ayurveda students pursuing post-graduation courses as well as to improve visibility and accessibility of their research work to larger research audience. The research proposal which are dynamic and are being addressed to national health needs will be given priorities. The area may be prioritised as – literary research, Fundamental concepts as applied to current health care, standardization / validation of the quality of Ayurveda drugs,

assessment of safety of the drugs, techno innovation, Ayurveda interventions in Public health care and role of Ayurveda as a standalone or adjuvants treatment in National Health programme etc.

Amount of Scholarship- up to Rs 1,00,000/- per scholar

- **Number of Scholarships:** 100 per year
- **Eligibility:**
 - a) Ayurveda medical graduates who are admitted to the Post-graduation course i.e. MD/MS (from any NCISM/GoI recognized College/Institute) and who wish to avail CCRAS's financial assistance for pursuing their research project.
 - b) PG-STAR is open to Indian nationals only. The applicant should be an Indian citizen.
- **Research area wise distribution of scholarship:-**
 - 50 Scholarships - Clinical research
 - 10 Scholarships - Pharmacological
 - 20 Scholarships - Pharmaceutical research / Drug Standardization / Techno innovation
 - 10 Scholarships - Literary Research
 - 10 Scholarships - Fundamental Research

3. Procedure:

3.1 There is a fully online application for this programme. Hard copies shall neither be accepted nor entertained.

3.2 Eligible Candidates, as per their admission batch, are required to register on CCRAS PG-STAR website in the month of June and then submit the application form and proposal online till 30th June every year (or according to admission process of that admission year by NCISM) which will be evaluated by the Council. Results will be announced in the month of December (or according to admission process of that admission year by NCISM) of the registration year and list of selected scholars will be displayed on the website.

3.3 Research plan / approved synopsis of MD/MS(Ayu) being recommended and nominated by head of the respective college/institute, after scrutinizing through internal screening mechanism should be submitted online as per prescribed format. The head of the institute will

recommend and nominate maximum 10 percent or rounded up to near higher decimal of the total sanctioned PG strength of the institute of that admission batch for consideration.

In addition to the internal screening mechanism of the college/institute, the following benchmarks may also be considered for this purpose while considering 10% of the total PG seats for recommendations. (**Annexure VI**)

3.4 Selections for “PG-STAR” will be made by technical evaluation committee being constituted by DG CCRAS by inviting panel of experts from Ayurveda Institutes/colleges, CCRAS, ICMR and DGHS. Selection would be made based on merit. Objective scoring would be used to assess the applications with respect to innovativeness, relevance of work, translational value etc.

3.5 The decision of the Council regarding selection of students will be final. Requests for reconsideration will not be entertained and reasons for rejection of applications for award of scholarship will not be provided.

4. JOINING & RELEASE OF SCHOLARSHIP:

4.1 The selected candidates will be issued the award letter. Based on the budgetary provision of the synopsis, the Council would provide a total financial support up to Rs.1,00,000/-, in two instalments, to the selected candidates through host institute on the condition that the candidate would provide following documents to the Council at the end of course work.

List of documents to be provided for receiving financial support at the beginning of Research work:

- a. A copy of the duly approved synopsis forwarded through the Head of the institute.
- b. **Recommendation letter from head of the institute for nomination of candidate**
- c. Brief CV of the scholar and the Mentor/Guide
- d. Certificate of approving authority as IEC/ or any other ethics committee
- e. Account details of the institute for transfer of money (**Annexure- VIII**)
- f. Year wise financial status of organization
- g. Duly signed undertaking form (**Annexure-I**)

List of documents to be provided for receiving financial support at the end of course work

- a. An electronic copy of the thesis submitted to Institute /University.

- b. A short summary containing outline, the objectives, methodology, findings and conclusion of the research work.
- c. A soft copy of the research publications done out of thesis/dissertation.
- d. An undertaking to the effect that the funds received from the Council will be used strictly for the purpose for which it has been released. (**Annexure VII**)
- e. The Statement of Expenditure (**Annexure-II**) and Utilization Certificate (**Annexure III**) as per GFR 2017 duly approved by the Guide and the Head of the Department/University/Institution for the entire scholarship released for Scholar.

4.2 The financial assistance, maximum up to Rs.1,00,000/- would be provided in two instalments. The 1st instalments of 70% of the total sanctioned amount will be released to the selected candidates after receiving a copy of the undertaking. After the completion of the project, the 2nd instalment i.e final remaining 30% will be released.

4.3. The grant shall be issued in the name of the Director/Principal/Dean/Registrar of the institution directly with a copy to the Guide and scholar.

4.4. The amount will be used by the candidate for pursuance of research only and may use the funds for purchase of reagents, drug procurement, manuscript procurement/ technical editing charge in case of literary research, laboratory investigations, quality control and standardisation, or any other preclinical studies viz. *in silico*, *in vitro* and *in vivo* research activity, etc.

A declaration from the applicant would be taken stating that the research project has not been funded by other agencies or applied for funding from other sources. The present demanded financial support is above the institutional financial support if any. (**Annexure- VII**)

4.5. The candidate shall submit the information to the Council regarding the manner in which the funds were utilized duly signed by the Supervisor and Head of the Institute/College as per format of statement of expenditure (SoE)

4.6 The preparation and submission of thesis will be the responsibility of the student and his guide. The candidate will acknowledge the financial assistance provided by CCRAS for any publication emerging out of the research work and during seminar presentation at National/International seminar.

4.7 If the candidate is interested to opt for the mentorship from CCRAS including help of laboratory and CCRAS clinical units, it may be provided and they may be the part of publication emerging out of the research work.

4.8 The candidate should submit documents listed in item No. 4.1 within one months of submission of thesis to the institution/organization failing which, the award will be treated cancelled and all financial assistance provided will be reimbursed to the DG, CCRAS.

4.9 During the course of the scholarship, the Scholars are required to publish **at least one** research papers in peer reviewed journals, preferably in UGC care listed journals.

5. COMPLETION OF SCHOLARSHIP

5.1 If a MD/MS Scholar leaves the scholarship within one year, he/she has to submit a detailed progress report of the work done with publications, if any, duly forwarded by his/her Guide ensuring the final settlement of account up to the period of scholarship. However, if a scholar leaves the scholarship after one year, he/she must submit a detailed progress report along with an undertaking to complete the study and submit the final report on completion of the duration of scholarship along with one published research paper, duly forwarded by the Guide and the Head of the Institute.

The interim progress report and Final report must be sent in the prescribed format (**Annexure-IV and Annexure- V**)

5.2. The Human Resource Development Centre of CCRAS will appraise the periodical progress report about the rational utilization of the scholarship and outcome of the work.

6. Time line

Time line:*			
S.No.	Duration of PG	Financial assistance	Work
1.	1-6 months	-	Synopsis submission
2.	7-8	-	Selection of proposals
3.	9-12 months	70% of the sanctioned amount	For purchase of reagents, glassware, drug procurement, manuscript procurement/ technical editing charge in case of literary research, laboratory investigations, quality control and standardisation, or any other preclinical studies viz. <i>in silico</i> , <i>in vitro</i> and <i>in vivo</i> research

			activity, etc.
4.	13 th month up to completion of project.	30% of the sanctioned amount	Research work and interim publications (minimum UGC care listed Journal) before thesis submission. Seminar paper presentation (Registration fee up to Rs. 5000/- only)

Note: inter-head adjustment may be done after prior approval of sanctioning authority,

* Subject to NCISM schedule of PG admissions, timelines may vary from year to year.

7. OTHER RELEVANT INFORMATION:

- a) In all matters, the decision of the assessment Board at CCRAS Headquarters under chairmanship of DG, CCRAS shall be final. The final authority related to the interpretation of the guidelines or any issue left out would require approval of DG CCRAS.
- b) All disputes pertaining to this Scheme shall fall within the jurisdiction of Delhi only.
- c) The Council reserves the right to reject any application/nomination. It is also not responsible for any postal loss/delays in communications.
- d) The Scholarship will be released after submission of the UNDERTAKING AS WELL AS THE MANDATE form (form available at website of PG-STAR) within six weeks for receiving e-payment along with a photocopy of cancelled cheque for purpose of verification of the concerned bank account where money is to remitted.

8. How to Apply:

- a) There is a fully online application for this programme. Hard copies shall neither be accepted nor entertained. In case of any problem in filling of application scholar may contact to the Council.
- b) The applicant is required to register on CCRAS PG-STAR website in the month of **June** and then submit the application form and proposal online which will be evaluated by the Council. Results will be announced in month of December of the registration year and list of selected students will be displayed on the website.

Other than the mandatory information accompanying each application, candidates should submit their research proposal in two parts:

A) Abstract of the research proposal (about 300 words).

B) Detailed research proposal (about 3000 words). The detailed proposal submissions may be done as per the given below template:

- 1. Title:** The title must depict PICOT giving an overview of the planned proposal at a glance.
- 2. Introduction:** The research proposal should begin by addressing the gap analysis in the current research proposal followed by the research problem to be investigated in the light of its theoretical and/or empirical context in the relevant area.
- 3. Objectives of the Study:** The objectives of the proposed work may be defined as primary and secondary.
- 4. Research Questions or Hypotheses:** The research question to be framed as per the SMART criteria after thorough review of literature with appropriate hypothesis.
- 5. Review of Literature:** Inclusion of thorough Review of Ayurveda classics of the respective discipline followed by current status of research in the area and major findings, including the researcher's own work in the area.
- 6. Methodology:** Methodology may be specified as proper justification of the study including research design, data collection and empirical & analytical methods, duration of the study and ethical consideration.
- 7. Relevance and Anticipated Outcomes:** The proposal should include a statement on the relevance of the study and the anticipated outcomes along with the timelines.
- 8. Bibliography:** Bibliography should be prepared in APA Style.
- 9. Budgetary provisions:**

Budget head	Justification for demand	Required demand (A)	Institutional support if any (B)	Total Demand A-B
Research work				
Contingency/ Miscellaneous				



CENTRAL COUNCIL FOR RESEARCH IN AYURVEDIC SCIENCES

Ministry of AYUSH, Government of India
No.61-65, Institutional Area, Opp. 'D' Block
Janakpuri, New Delhi-110058
Websites: www.ccras.nic.in

ANNEXURE - I: UNDERTAKING/ACCEPTANCE

By the MD/MS Scholar on acceptance of PG-STAR

I
Son/Daughter/Wife of Shri
resident of have
been awarded the PG-STAR of CCRAS. I accept the award and
undertake that:

**Recent Colour
Photograph
duly attested by
Mentor to be
affixed**

- I. During the entire tenure of the Scholarship, I shall abide by the rules and regulations of the Council. Any change in rules and regulations by the Council in future will be applicable to me.
- II. I shall devote full time to research during the tenure of Scholarship
- III. I shall obtain the approval of the Council before accepting any award or allowance, if offered to me during the tenure of the Scholarship.
- IV. I shall prepare the progress report of my work every six months and communicate it to the Council through the Mentor.
- V. I shall submit two copies of the detailed consolidated report of research work to CCRAS through the Mentor on termination of the Scholarship.
- VI. I also hereby declare that if the results of research are such that can be exploited commercially by taking a patent or otherwise commercial exploitation and patent rights will be decided/governed as per the rules for Scholarships on Patents available on the website of CCRAS (www.ccras.nic.in).
- VII. I have gone through the Terms & Conditions of CCRAS PG-STAR Scheme and have clearly understood that the scholarship is for a fixed period / tenure of maximum 2 Years or till the completion of the project.
- VIII. I further understand clearly that I shall have no claim whatsoever for regular / permanent absorption on expiry of Scholarship.

IX. I also understand clearly and accept the conditions that if I leave the research work either before submission of detailed progress/annual report of the research work or before completion of tenure of scholarship, I shall have to refund the scholarship amount received so far to the Council concerned within 6 months.

Signature of the Scholar with date

Name of Mentor/Guide:

Contact No.:

Email address:

Signature of the Head of the Deptt. / Dean of the Faculty/Registrar

With Official Seal & Date

Name of the Institute:- _____

Statement of Expenditure

Name of the project:

Duration of study as per sanction order:

Sr. No.	Head	Total Sanctioned Budget	Amount released till Date	Expenditure till Date	Unspent Balance	Closing of Current Financial Year
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
	Grand Total					

(Signature of the Mentor/Guide)

(Signature and stamp of the Director/Principal/Dean)

FORM GFR 12A

GENERAL FINANCIAL RULES 2017

**Ministry of Finance
Department of Expenditure**

GFR 12-A
{(See Rule 238 (1))}

**FORM OF UTILIZATION CERTIFICATE
FOR AUTONOMOUS BODIES OF THE GRANTEE ORGANIZATION**

UTILIZATION CERTIFICATE FOR THE YEARin respect
of recurring/non-recurring
GRANTS-IN-AID/SALARIES/CREATION OF CAPITAL ASSETS

1. Name of the scheme.....
2. Whether recurring or non-recurring grants.....
3. Grants position at the beginning of the Financial year
 - (i) Cash in Hand/Bank
 - (ii) Unadjusted Advances
 - (iii) Total
4. Details of grants received, expenditure incurred and closing balances: (Actuals)

Unspent Balances of Grants received years {figure as at S.No. 3(iii)}	Interest Earned there on	Interest deposited back to the Government	Grant received during the year			Total Available funds (1+2-3+4)	Expenditure incurred	Closing Balances (5-6)
			Sanction No. (i)	Date (ii)	Amount (iii)			
1	2	3	4			5	6	7
			Sanction No. (i)	Date (ii)	Amount (iii)			

Component wise utilization of grants:

Grant-in-aid-General	Grant-in-aid-Salary	Grant-in-aid-creation of capital assets	Total

Details of grants position at the end of the year

- (i) Cash in Hand/Bank
- (ii) Unadjusted Advances
- (iii) Total

Certified that I have satisfied myself that the conditions on which grants were sanctioned have been duly fulfilled/are being fulfilled and that I have exercised following checks to see that the money has been actually utilized for the purpose for which it was sanctioned:

- i. The main accounts and other subsidiary accounts and registers (including assets registers) are maintained as prescribed in the relevant Act/Rules/Standing instructions (mention the Act/Rules) and have been duly audited by designated auditors. The figures depicted above tally with the audited figures mentioned in financial statements/accounts.
- ii. There exist internal controls for safeguarding public funds/assets, watching outcomes and achievements of physical targets against the financial inputs, ensuring quality in asset creation etc. & the periodic evaluation of internal controls is exercised to endure their effectiveness.
- iii. To the best of our knowledge and belief, no transactions have been entered that are in violation of relevant Act/Rules/standing instructions and scheme guidelines.
- iv. The responsibilities among the key functionaries for execution of the scheme have been assigned in clear terms and are not general in nature.
- v. The benefits were extended to the intended beneficiaries and only such areas/districts were covered where the scheme was intended to operate.
- vi. The expenditure on various components of the scheme was in the proportions authorized as per the scheme guidelines and terms and conditions of the grants-in aid.
- vii. It has been ensured that the physical and financial performance under.....(name of the scheme has been according to the requirements, as prescribed in the guidelines issued by Govt. of India and the performance/targets achieved statement for the year to which the utilization of the fund resulted in outcomes given at Annexure-I duly enclosed.
- viii. The utilization of the fund resulted in outcomes given at Annexure-II duly enclosed (to be formulated by the Ministry/Department concerned as per their requirements/specifications.
- ix. Details of various schemes executed by the agency through grants-in-aid received from the same Ministry or from the same Ministry of from other Ministries is enclosed at Annexure-II (to be formulated by the Ministry/Department concerned as per their requirements/specifications.)

Date:

Place:

Signature

Name : _____

Chief Finance Officer
(Head of the Finance)

Signature

Name :

Head of the Organisation

(Strike out inapplicable terms)

**FORMAT FOR THE INTERIM PROGRESS REPORTS
TO BE SUBMITTED BY SCHOLAR/MENTOR**

1. Project Title
2. Scholar (name)
3. Guide (name)
4. Date of sanction/release of money of the project
5. CTRI reference/ registration no.
6. IEC approval no. (Copy to be enclosed)
7. Date of initiation of the project (Recruitment of first patient in clinical trial or survey, standardization etc.)
8. Objectives/deliverables with time line fixed for the project
9. Deliverables achieved during the reporting period as proposed in the scheme
10. Interim modification of objectives/methodology, if any (with justifications)
11. If deliverables are not met with timeline specified in the proposal, then give reasons
12. Summary on progress (during the period of report)
13. Applied value of the project
14. Research work which remains to be done under the project

Signature of Scholar

Date:

Signature of Mentor/Guide

Date:

Signature of Head of the Institute:

Date:

FORMAT FOR FINAL REPORT

1. Title of the Project:
2. Scholar :
3. Mentor/Guide:
4. CTRI application no.:
5. IEC approval no.:
6. Date of sanction/release of money:
7. Date of commencement:
8. Duration:
9. Date of completion:
10. Objectives as approved:
11. Objectives achieved:
12. Deviation made from original objectives(if any) & administrative/ethical approval taken for the same:
13. Details of the work done, methodology adopted and results obtained with tables, charts, diagrams and photographs.(As available):
14. Causes of delay(if any) and partial achievement of target
15. Conclusions summarizing the achievements and indication of scope for future work.
16. Publication details.
17. IPR details(If any)

18. Outcomes of the project & significance:

1. _____
(Scholar)

2. _____
(Mentor/Guide)

3. -----
(Head of Department)

**Forwarded by Head of the Institute:
with date**

Name and signature

Guidelines for Evaluation of Proposal:

A. METHODOLOGY:

- Objectives – Accurate, Feasible, Specific, measurable
- Procedures/Method of data collection.
- Appropriateness of Study Design.
- Assessment tools.
- Appropriateness of methods of data analysis/ statistical analysis.

❖ Reviewers need to correlate the title with methodology.

B. NOVELTY:

- Novelty of ideas.
- New approach in the existing concepts/ knowledge.
- Formulation of the problem and hypotheses.

C. RELEVANCE & FEASIBILITY

- Significance of research question.
- Relevance in terms of Translational value.
- Appropriateness of timeline.
- Achievability of the Objectives

EVALUATION FORMAT OF PROPOSAL

S. No.	Criteria	Marks out of 70	Marks obtained	Remarks
1.	Methodology (Objectives, Materials & methods, parameters, formats, protocols, design, expected outcome etc. of the proposed work)	50		
2.	Novelty	05		
3.	Relevance and feasibility of taking work in the current setup within time limit.	15		
Total marks obtained				
Overall Remarks:				

ANNEXURE VII

Declaration by the Scholar under CCRAS PG-STAR

I, Shri/Mrs/Kumari/Dr Declare as under:

1. That as a recipient of the Council's Scholarship (PG-STAR), I shall be governed by the disciplinary regulations of the host institute where I have proposed to avail the scholarship of CCRAS for pursuing my research work as MD/MS scholar.
2. That I have never been punished or debarred from government (central/state), autonomous organization.
3. I hereby declare that the current research project has not been funded by other agencies (excluding institutional support) or applied for funding from other sources.
4. That my scholarship will be liable to cancellation for any kind of misconduct.

(Signature of the Scholar)

For any further clarifications applicant may contact on given e-mail and the Reference ID in all the e-mail correspondence must be quoted for quick reference:

Director General

Central Council for Research in Ayurvedic Sciences (CCRAS),
Ministry of AYUSH, Govt. of India
JLNBCCHA Bhawan
No.61-65, Institutional Area, Opp. 'D' Block
Janakpuri, New Delhi-110058

ANNEXURE VIII

ACCOUNT DETAILS OF THE INSTITUTE FOR TRANSFER OF MONEY

Bank details:

Account No.	
Type	
Bank Name & Branch Name with address	
Account holder name	
IFSC Code	
MICR Code	
Phone	