

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



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

Website: www.ccras.nic.in

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.

2. ABOUT THE SCHEME:

The Council has initiated “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 ~ 4600 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 prioritized 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

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➤ **Eligibility:**

a) Ayurveda medical post-graduate scholars of admission batch 2023-24 (from NCISM/GoI recognized Colleges/Institutions) who have received approval for their MD/MS dissertation synopsis by the respective affiliated universities and who wish to avail CCRAS's financial assistance for pursuing their thesis work.

b) PG-STAR is open to Indian nationals only. The applicant should be an Indian citizen.

➤ Research area wise tentative distribution of scholarships:-

- 50 Scholarships - Clinical Research
- 10 Scholarships - Pharmacological Research
- 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 Interested Candidates, as per their admission batch, are required to register on CCRAS PG-STAR website in the month of December and only those candidates nominated by Head of Institution will be able to submit the application form and **approved synopsis of MD/MS (Ayu) curriculum in prescribed scheme format** online (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 March (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 The 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 via a single recommendation letter only. 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. **(Annexure II)**

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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 installments, 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 soft copy of synopsis submitted in the respective affiliated universities
- b. Proposed research work furnished in scheme format based on the approved synopsis forwarded through the Head of the institute.
- c. Proof of approval of synopsis from the respective affiliated universities
- d. Duly signed and sealed Application Attestation Form (AAF) (**Annexure I**)
- e. A single consolidated recommendation letter from head of the institute for all nomination of candidates within 10% annual PG intake capacity approved by NCISM/GoI. (**Annexure II**)
- f. Certificate of approving authority as IEC/ IAEC or any other ethics committee as applicable.
- g. Account details of the institute for transfer of money (**Annexure III**)

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- h. Duly signed and sealed undertaking/acceptance form (**Annexure IV**)
- i. A declaration to the effect that the funds received from the Council will be used strictly for the purpose for which it has been released. (**Annexure V**)

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 final report containing outline, the objectives, methodology, findings and conclusion of the research work. (**Annexure VIII**)
- c. A soft copy of the research publications (at least one preferably in UGC CARE journals) done out of thesis/dissertation.
- d. The Statement of Expenditure (**Annexure IX**) and Utilization Certificate (**Annexure X**) 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 installments. The 1st installments 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 installment 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 standardization, or any other preclinical studies viz. *in-silico*, *in-vitro* and *in-vivo* research activity, etc. For further details in this regard, kindly refer **Annexure XI**.

4.5 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 V**).

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4.6 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).

4.7 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.

4.8 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.

4.9 The candidate should submit documents listed in item No. 4.1 within stipulated period of submission of thesis to the Council failing which, the award will be treated cancelled and all financial assistance provided will be reimbursed to the DG, CCRAS.

4.10 During the course of the scholarship, the Scholars are required to publish at least one research paper in peer reviewed journal, 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 followed by 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 at least 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 VII and Annexure VIII)**.

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

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6. TIMELINE: *

| S. No. | Duration of PG | Financial assistance | Work |
|--------|---|------------------------------|--|
| 1. | 1-6 months | - | Synopsis submission |
| 2. | 7-8 | - | Selection of approved dissertation synopsis |
| 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 standardization, or any other preclinical studies viz. <i>in-silico</i> , <i>in-vitro</i> and <i>in-vivo</i> research activity, etc. (Annexure XI) |
| 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. National/International Seminar paper presentation related to the research work (Registration fee up to Rs. 5000/-only) (Annexure XI) |

**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. The Council is also not responsible for any delay in communications/submissions from the students or the college.

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- 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 through e-transfer after verification of the concerned bank account details provided by the college with a photocopy of cancelled cheque where money is to be 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 along with the respective guide is required to register on CCRAS PG-STAR website in the month of December and then submit the application form and PG research work online which will be evaluated by the Council. Results will be announced in month of March of the registration year and list of selected students will be displayed on the website.
- c) Only two scholars will be allowed to work under one guide in the programme.
- d) Exclusion of Identity: The **approved synopsis of MD/MS (Ayu) curriculum** must be devoid of any identifying information of the scholar or guide or college or university for unbiased review by reviewers. The following information such as **Name of the Scholar/Guide/College/University, Address/ Contact details or any other identity** should be removed from the same before online submission failing which such submissions will be deemed rejected. Provide only the reference PG – STAR ID for identification on the top of the document intended to be submitted under PG STAR.

Other than the mandatory information accompanying each application, candidates should submit their **approved synopsis as per scheme format** in two parts:

A) Abstract (about 300 words)

B) Document comprising details of proposed research work (about 3000 words): The submissions may be done as per the given below template:

- 1. Title:** The title must be same as that of the approved synopsis of MD/MS (Ayu) curriculum.

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2. **Introduction:** This part should begin by addressing the gap analysis in the **proposed research work** 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 Question:** 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 pilot data if any, 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 proposed work 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 | | | | |
| Miscellaneous | | | | |
| Contingency | | | | |

**Note: inter-head adjustment of the budget may be done after prior approval of sanctioning authority.*

*Guidelines for furnishing budgetary provisions of the proposed research work are available at **Annexure XI**.

* The scholars need to produce quotations as per the clause mentioned in GFR 2017 wherever applicable.

ANNEXURE I – APPLICATION ATTESTATION FORM (PG – STAR)

PG STAR Reference ID:
 Name of the Student:
 Name of the Guide:
 Name of the Institution:

 Title of the PG STAR Proposal:

**Paste recent
coloured
passport size
photograph**

Certificate to be signed by the Student

I certify that I am a MD/MS (Ay.) student and hereby providing true information in the online application form for PG STAR (PG Admission Batch 2023-2024) best to my knowledge. In the event any information is found to be false, my scholarship may be cancelled. I also certify that the approved MD synopsis is an original work prepared under the guidance of my Guide. I confirm that I have not committed ‘plagiarism’ in preparing this document. I understand that after evaluation, I may or may not be selected and I shall abide by the decision of CCRAS.

If I am selected, I shall follow all instructions provided on CCRAS website for carrying out the research, preparation and submission of PG STAR report and also the information and instructions provided from time to time by the Council. I also understand that if I leave the scholarship within one year, I will have to submit a detailed progress report of the work done followed by publications (If any) ensuring the final settlement of account up to the period of scholarship. I have gone through all the Instructions and Terms & Conditions for PG STAR provided on CCRAS website and will abide by them.

Signature of Student: _____ Name of the Student: _____
 Date: _____

Certificate to be signed by the Guide

I agree to accept to guide the research work of the student Dr./Vaidya _____ studying in MD/MS (Ay.) (Tick appropriate). I certify that he/she is not a student of other courses and I will offer him/her all facilities and guidance for carrying out PG STAR research. I also certify that this is an original submission prepared by the student under my guidance. I confirm that neither me and nor my student have committed ‘plagiarism’ in preparing this document. I declare that I am forwarding a maximum of two PG STAR student applications. If my student is selected, I shall provide required facilities to enable early completion of research work, so that the report is submitted before the last date.

Signature of Guide: _____ Name: _____
 Designation: _____
 Department: _____

Attested By

Signature of Head of Department

Signature of Head of Institution

(Name in Block letters with seal)

(Name in Block letters with seal)

Fill form completely & check it before submission.

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ANNEXURE II

RECOMMENDATION LETTER FROM THE COLLEGE**(LETTER HEAD OF THE COLLEGE)**

Ref. No. _____

Dated: _____

To

The Director General

Central Council for Research in Ayurvedic Sciences (CCRAS)

Jawahar Lal Nehru Bhartiya Chikitsa Evam Homoeopathy Anusandhan Bhawan

No.61-65, Institutional Area, Opp. 'D' Block, Janakpuri, New Delhi-110058

Sub: Submission of list of selected students (Admission batch 2023-24) as per the recommendations of College Screening Committee for the PG - STAR session 03 – reg.

Sir,

With reference to the instructions mentioned in the PG-STAR Portal regarding the submission of the approved MD/MS dissertation synopsis in prescribed format (s) for the admission batch 2023-24 as per the recommendations of College Screening Committee based on 10% of the total sanctioned PG strength of the institute by NCISM/GoI, following list of selected students is submitted for kind consideration by the CCRAS for award of scholarship:

| Sl. No. | Name of the Selected Student | Reference ID (Registered E-mail Id) | Title of the approved synopsis | Name of the Guide |
|---------|------------------------------|-------------------------------------|--------------------------------|-------------------|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

On behalf of my college, I ensure to extend full co-operation for successful completion of the selected dissertation synopsis and timely submission of the final report within the stipulated time period as mentioned in the PG-STAR Portal.

Thanking you.

Yours faithfully,

(Signature)
(Head of the Institution)
(Stamp)/(Date)

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ANNEXURE III

ACCOUNT DETAILS OF THE INSTITUTE FOR TRANSFER OF MONEY

Bank details:

| | |
|---|--|
| Account Number | |
| Type | |
| Bank Name & Branch Name with Address | |
| Account Holder Name | |
| IFSC Code | |
| Contact Number* | |

*The contact number of the respective **Accounts department personnel** must be shared for future correspondence related to release of installment via PFMS.

Name & Signature
(Head of the Institution)
(Office Seal)

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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 IV - UNDERTAKING/ACCEPTANCE

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

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

**Recent
 Color
 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 hereby declare that the proposed research work for PG STAR is my approved MD/MS dissertation work.
- III. I shall devote full time to research during the tenure of Scholarship.
- IV. I shall obtain the approval of the Council before accepting any award or allowance, if offered to me during the tenure of the Scholarship.
- V. I shall prepare the progress report of my work every six months and communicate it to the Council through the Mentor.
- VI. I shall submit an electronic copy of the detailed consolidated report of research work to CCRAS through the Mentor on termination of the Scholarship.
- VII. 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).

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- VIII. 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.
- IX. I further understand clearly that I shall have no claim whatsoever for regular / permanent absorption on expiry of Scholarship.
- X. 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 and Signature of Mentor/Guide:

Contact No:

Email address:

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

With Official Seal & Date

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ANNEXURE V

DECLARATION BY THE SCHOLAR UNDER CCRAS PG-STAR

I, Shri/Mrs/Kumari/Drdeclare 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 approved MD/MS dissertation work.
2. That I have never been punished or debarred from government (central/state), autonomous organization.
3. I hereby declare that the current research work 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 PG – STAR 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

Email: pgstar.ayu@ccras.nic.in

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ANNEXURE VI

GUIDELINES FOR EVALUATION OF PROPOSED RESEARCH WORK

A. METHODOLOGY: (500 max)

- Objectives – Accurate, Feasible, Specific, measurable (100 max)
- Procedures/Method of data collection. (100 max)
- Appropriateness of Study Design. (100 max)
- Assessment tools. (100 max)
- Appropriateness of methods of data analysis/ statistical analysis. (100 max)

❖ Reviewers need to correlate the title with methodology.

B. NOVELTY: (80 max)

- Novelty of ideas. (40 max)
- New approach in the existing concepts/ knowledge. (20 max)
- Formulation of the problem and hypotheses. (20 max)

C. RELEVANCE & FEASIBILITY: (120 max)

- Significance of research question. (30 max)
- Relevance in terms of Translational value. (30 max)
- Appropriateness of timeline. (30 max)
- Achievability of the Objectives (30 max)

EVALUATION FORMAT OF PROPOSED RESEARCH WORK:

| Sl. No. | Criteria | Points out of 700 | Points obtained | Remarks |
|------------------------------|---|-------------------|-----------------|---------|
| 1. | Methodology (Objectives, Materials & methods, parameters, formats, protocols, design, expected outcome etc. of the proposed work) | 500 | | |
| 2. | Novelty | 80 | | |
| 3. | Relevance and feasibility of taking work in the current setup within time limit. | 120 | | |
| Total points obtained | | | | |
| Overall Remarks: | | | | |

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ANNEXURE VII

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

1. PG STAR ID:
2. Synopsis Title:
3. Name of the Scholar:
4. Name of the Guide/Mentor:
5. Name of the Co-Guide (If any):
6. Date of sanction/release of money of the project:
7. IEC/IAEC Approval No. (If applicable, copy to be enclosed):
8. CTRI Reference/ Registration No. (If applicable, copy to be enclosed):
9. Date of initiation of the project (Recruitment of first patient in clinical trial or survey, standardization etc.):
10. Objectives/deliverables with time line fixed for the project:
11. *Deliverables achieved during the reporting period as proposed in the scheme:
12. Interim modification of objectives/methodology, if any (with justifications):
13. If deliverables are not met with timeline specified in the proposed research work, then give reasons:
14. *Summary on progress (during the period of report):
15. *Research work which remains to be done under the project:

***The details per point may be appended in separate annexures as appropriate.**

Signature of Scholar

Date:

Signature of Mentor/Guide

Date:

Signature of Head of the Institute:

Date:

CCRAS PG - STAR**ANNEXURE VIII****FORMAT FOR FINAL REPORT**

1. PG STAR ID:
2. Title of the Dissertation:
3. Name of the Scholar:
4. Name of the Mentor/Guide:
5. Name of the Co-Guide (If any):
6. IEC/IAEC Approval No (If applicable, copy to be enclosed):
7. CTRI Reference/Registration No (If applicable, copy to be enclosed):
8. Date of sanction/release of money:
9. Date of commencement:
10. Duration:
11. Date of completion:
12. Objectives as proposed:
13. Objectives achieved:
14. Deviation made from original objectives (if any) & administrative/ethical approval taken for the same:
15. Details of the work done, methodology adopted and results obtained with tables, charts, diagrams and photographs (As available):
16. Conclusions summarizing the achievements and indication of scope for future work:
17. Outcomes of the project & significance:
18. Publication details (If any, copy to be enclosed):
19. IPR details (If any, copy to be enclosed):

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20. Causes of delay (if any) and partial achievement of target:

*** The details per point may be appended in separate annexures as appropriate.**

1. _____
(Scholar)

2. _____
(Mentor/Guide)

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

Forwarded by Head of the Institute:

Name and signature with date

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ANNEXURE IX

| |
|---------------------------------|
| STATEMENT OF EXPENDITURE |
|---------------------------------|

Name of the Institute:

PG STAR ID:

Name of the Scholar:

Title of the proposed research work:

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)

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ANNEXURE X

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 SI.No. 3(iii)} | Interest Earned there on | Interest deposited back to the Government | Grant received during the year | | | Total Available funds (1+23+4) | Expenditure incurred | Closing Balances (5-6) |
|--|--------------------------|---|--------------------------------|-----------|--------------|--------------------------------|----------------------|------------------------|
| | | | Sanction No. (i) | Date (ii) | Amount (iii) | | | |
| 1 | 2 | 3 | 4 | | | 5 | 6 | 7 |
| | | | | | | | | |
| | | | | | | | | |

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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.

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- 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 Organization

(Strike out inapplicable terms)

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ANNEXURE XI

GUIDELINES FOR FURNISHING BUDGETARY PROVISIONS OF THE PROPOSED RESEARCH WORK

| Research Work | | |
|----------------------|---|---|
| 1 | Clinical Research | <ul style="list-style-type: none"> ➤ Procurement of raw materials ➤ Drug preparation/ Purchase for patients ➤ Package/ Labelling of trial drugs ➤ Drug Standardization ➤ Purchase of investigation kits/ Investigations ➤ Patient's panchakarma cost/ Bed occupancy charge |
| 2 | Pharmacological Research | <ul style="list-style-type: none"> ➤ In-vitro, in-vivo and in-silico studies ➤ Procurement of raw materials ➤ Drug and extract preparation ➤ Purchase of cell lines/ animals ➤ Purchase of reagents ➤ Physicochemical analysis/ Phytochemical analysis/ Soil analysis/ Instrumental analysis ➤ Drug authentication & Standardization (microscopy, macroscopy, pharmacognosy etc.) ➤ Purchase of assay kits for conducting specific assays like enzyme activity assay kit, protein quantification assay kit, ELISA kit etc. ➤ Histopathological examination charges |
| 3 | Pharmaceutical research / Drug Standardization/ Techno-innovation | <ul style="list-style-type: none"> ➤ Procurement of raw materials ➤ Raw drug authentication & analysis ➤ Expenditure for formulation preparation/ Value added formulations ➤ Quality control & standardization of prepared formulations ➤ Packaging & Labelling ➤ In-vitro, in-vivo and in-silico studies ➤ Procurement of cell lines/ animals, animal house charges, animal maintenance, Histopathological charges ➤ Purchase of specific assay kits ➤ Stability tests ➤ Instrumental analysis like ICP-MS, ICP-AES, XRD, XRF, FTIR, Particle size analysis, SEM-EDAX etc. ➤ Mobile application development ➤ Development of algorithms of Artificial Intelligence |

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| | | |
|---|----------------------|---|
| | | <ul style="list-style-type: none"> ➤ Hosting charges ➤ Expenditures for the conceptualization, model specification and designing of instruments ➤ Purchase of mechanical parts/accessories ➤ Development of pilot/prototype for an instrument ➤ Expenses for the testing and refinement of instruments ➤ Expenses for patent filing |
| 4 | Literary Research | <ul style="list-style-type: none"> ➤ Manuscript procurement/ Purchase of books ➤ Technical editing charge ➤ Copyright fees |
| 5 | Fundamental Research | <ul style="list-style-type: none"> ➤ Expense for the field visits in surveys/epidemiological studies ➤ Online survey platform fees for interviewers ➤ Expenses for database access, incentives for participants etc. ➤ Costs for technology infrastructure, such as servers or cloud services, needed for data storage or analysis |
| Miscellaneous | | |
| <ul style="list-style-type: none"> ➤ Publications emerging out of research work (Up to maximum Rs. 10,000/-) ➤ National/International Seminar paper presentation related to the research work (Registration fee up to Rs. 5000/- only) ➤ Statistical Analysis ➤ Travel Expenses including training/skill development programmes organized by NCISM (Up to maximum of Rs. 5,000/-) | | |
| Contingency (10 % of the proposed total budget) | | |
| <ul style="list-style-type: none"> ➤ Acquisition of documents of relevance to the research topic provided these are not available in the library of the university/institute. ➤ Thesis printing/binding of research work (Up to maximum Rs. 5000/-) ➤ Stationary and postal charges ➤ Reprints/Off-prints of research papers ➤ Typing of research papers if computer facility is not available in the host institution ➤ Photocopying (Case sheets, questionnaires etc.) ➤ Communication charges | | |

***Contingent grant cannot be utilised for non-consumable items like furniture and office/laboratory equipment.**