Government of Rajasthan
Department of Science & Technology
Science & Technology Bhawan, Shashtri Nagar, Jaipur 302016

KARYA

(Knowledge Augmentation through Research in Young Aspirants)

__Last Date of Application: 28/02/2022__

Introduction

Globally advancement in Basic Sciences are happening at a very fast pace, and new areas are also emerging like Nanotechnology, Biotechnology, Computational Science, Mathematical Modeling, Cognitive Science etc. To provide exposure to these advance areas in Basic Sciences and to work on new problems with the help of latest instruments and expertise available at Institutes of Eminence, a new program "**Knowledge Augmentation through Research in Young Aspirants (KARYA)**" has been initiated by Department of Science & Technology, Government of Rajasthan.

Under **KARYA** program students from Basic Sciences (Physics, Chemistry, Mathematics, Life Sciences) studying in **State Government Institutions only** (State Government Universities, Government Colleges) will be provided an opportunity to work on short-term projects at Institutes of Eminence (DAE's, DBT's, IIT's, CSIR's, DST's, ICAR's, ICMR's and others) for eight weeks during summer vacations. The selected students will be provided fellowship for meeting out expenses during eight weekend T.A. (to and fro).

Eligibility criteria

Student applicants from **State Government Institutions only** (State Govt. Universities, State Govt. Colleges) should be studying in one of the following:

- BS / BSc (II and III years only)
- MS / MSc (I year only)
- (5-year integrated) MS / MSc (II, III, IV years only)
- (dual degree) BS + MS (II, III, IV years only)

Selection Criterion

- Academic Record
- Plan of Work
- Availability of position (seat) at Institute

Selection Procedure

Complete application with all desired documents, annexures has to be submitted before last date through online mode only at **scheme.dst@rajasthan.gov.in** (no hard copy will be entertained)**.** After receiving the complete application, a technical committee will evaluate the application as per the selection criterion.

Last Date of Application: 28/02/2022.

Allocation of Institute

Technical Committee Experts recommendation as per the plan of work submitted by applicant will be the basis of allocation as per the availability of the positions (seat) at respective Institutes of Eminence. Once the institute is allocated, no request will be considered for change of institution. **Selected student has to follow allocated institutions rules, guidelines and discipline. Any kind of violation of rules will provide the rights for immediate withdrawal of the KARYA program opportunity.**

Duration of work

- Eight Weeks during May-June 2022

Release of fellowship

After receiving report (at DST Rajasthan) of first four week verified by the supervisor/guide from the Institute of Eminence, first installment of fellowship will be released to Student Account. After completion of fellowship period successfully and submission of final report verified by supervisor/guide, TA and second installment will be released to Student Account and a certificate from DST Rajasthan will also be issued to the Student.

If any student leaves this KARYA program in between the duration of eight week period without the consent of supervisor/guide and DST Rajasthan, he/she will not be entitled for fellowship and fellowship will not be released.

For Further Contact & Details:

www.dst.rajasthan.gov.in,

scheme.dst@rajasthan.gov.in, 0141-2280935

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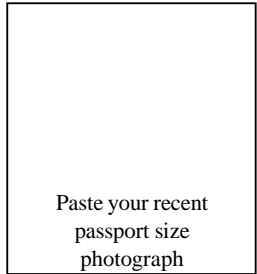## Department of Science & Technology

Application Form

KARYA Program

1. Name of the Student: ……………………………………………………………………

2. Father's Name: ………………………………………………………………

3. Mother's Name: …………………………………………………………………

4. Date of Birth: ☐☐ - ☐☐ - ☐☐☐☐
Day   Month   Year

Paste your recent passport size photograph

5. Category: SC ☐   ST ☐   OBC ☐   GENERAL ☐

6. Gender: Male/Female/Other ....

7. Address (In Block Letters): …………………………………………………………………………………

………

………………………………………………………………….. Pin Code: ………………………

Tel. No. : …………………………………………… Mobile: …………………………..............

E.mail ID : …………………………………………………………………........................

7. Institute Name: …………………………….…………………………………….………..

8. Class: B.Sc. ☐   M.Sc. ☐

9. In Case M.Sc. (Field) Specialization:

Class	Board/University	Percentage	Division
X			
XII			
B.Sc.			
M.Sc.			

10.   List of Enclosures:

    i) A write-up (in about 250 words) as to the specific area of interest of the applicant and what he/she would like to learn and achieve through this fellowship. It can also include the specific experiment or theory that the applicant wants to work on but NOT a general description of the area.

    ii) For student applicants: letter of recommendation (in the prescribed format) from a teacher familiar with the work of the applicant should be sent through online mode at scheme.dst@rajasthan.gov.in to the DST, Rajasthan with clearly marked **"KARYA Program, DST Rajasthan"**. <u>Last date 28/02/2022</u>.

    iii) Self-Attested Copy of Mark-sheets/Date of Birth Certificate

10.   Declaration:

        I have read and understood the instructions and undertake to abide by them. I hereby declare that all statements made in the application are correct and true. I fully understand that in the event of any information being found false or incorrect, my application will be liable to rejection and action can be taken against me.

Date: **Signature of candidate**

Place: Address:

References (Name of the faculty of the college/University with phone number, email):

1.   ……………………………………………

2.   ……………………………………………

3.   ……………………………………………

Government of Rajasthan
Department of Science & Technology

KARYA PROGRAMME
FOR LETTER OF RECOMMENDATION

TO BE USED ONLY FOR STUDENT APPLICANTS

Name of Applicant: _____ Name of Teacher: _____

Institution: _____ Title/Position: _____

Course studying and year: _____ Institution: _____

Board discipline of interest _____   _____

1. I know the applicant for_____years as an undergraduate/graduate/postgraduate/others (specify)

2. I know the applicant ☐ Quite Well ☐ Fairly Well ☐ Not so Well

3. Preference for Institute's in order:-
   (i) IISERs (ii) IITs (iii) CSIR Lab (iv) DBT Lab (v) DAE Institutions
....

Summary of evaluation (tick appropriate boxes)

	Out of_____students in class/department (please indicate)				
	Outstanding (among top 5%)	High (2-10%)	Medium (10-20%)	Low (<20%)	Not known
General Aptitude					
Breadth of Scientific Interest					
Knowledge of the discipline					
Communication/writing skills					

Applicant's Strong qualities:

    1.

    2.

    3.

Applicant's weakness:

    1.

    2.

    3.

Name & address of the teacher in capital letters: _____

_____

Date:_____Signature of the Teacher (with seal of the institution):_____

**This should be filled and signed by the teacher, and same need to be e-mail on scheme.dst@rajasthan.gov.in by the teacher.

Additional comments on the applicant   (please use additional sheet if necessary)

Department of Science & Technology

[KARYA Program]

Letter from Head/Principal/Director of College/ University/Institute

It is certified that Mr./Ms. ....Son/daughter of...is pursuing the following course **B.Sc. / M.Sc.** since .... (Years of admission) with the following main subject(s):

(*For B.Sc. & M.Sc., please tick only the major subject.*)

☐ PHYSICS   ☐ MATHEMATICS   ☐ BOTANY

☐ CHEMISTRY   ☐ ZOOLOGY

It is hereby certified that Institution is recommending Student for participating in short term project under KARYA Programme by Department of Science & Technology, Rajasthan.

Name of the College: …………………………………………………………………...

Name of the University/Institute: …………………………………………………………

………………………………………………………………….

Signature and Stamp of the Principal/Director/Head of the College/University/Institutions:

Date:

Place:

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Science & Technology Bhawan, Shashtri Nagar, Jaipur 302016

F22(1)DST/EDP/2017/   Date:.................

<u>ADVERTISEMENT</u>

Department of Science & Technology, Government of Rajasthan invites applications for the **KARYA(Knowledge Augmentation through Research in Young Aspirants)** for FY 2022-23 program from students of Basic Sciences from Government Universities and State Government Colleges only.

Application forms can be downloaded from departmental website <u>www.dst.rajasthan.gov.in.</u> **Last date of application is 28.02.2022.** Applications are to be send through online mode (no hard copy will be entertained) mentioning the Scheme name (KARYA) at **scheme.dst@rajasthan.gov.in.**

                                                        Project Director