



**Ministry of Science and Technology
Department of Science and Technology**

**Science and Technology of Yoga and Meditation
(SATYAM)**

Call for Research Proposals for 2016-17

Department of Science and Technology (DST), in 2015, conceptualized a new research program- 'Science and Technology of Yoga and Meditation' (SATYAM)- under its Cognitive Science Research Initiative (CSRI). As Yoga and Meditation are interdisciplinary endeavors that interface with Neuroscience, Medicine, Psychology, Philosophy, and so on, therefore an interdisciplinary approach is needed to converge different & diverse disciplines as well as approaches & methods in the study of yoga and meditation. Thus comprehensive research on yoga and meditation is expected to address various challenges confronting physical and mental health. This new programme is aimed to foster scientific research on the effects of yoga and meditation on physical & mental health and on cognitive functioning in healthy people as well as in patients with disorders.

In light of the above, for the year 2016-17, research proposals are invited from scientists/academicians, preferably having prior research experience in scientific aspects of 'Yoga & Meditation'. Multi-centric, interdisciplinary research proposals are encouraged.

Themes: Basic themes being covered under SATYAM include, among others, (1) investigations on the effect of Yoga and Meditation on physical and mental health and well being, and (2) investigations on the effect of Yoga and Meditation on the body, brain, and mind in terms of basic processes and mechanisms.

Who can apply: Scientists/academicians with research background in 'Yoga and Meditation' and having regular position are invited to participate in this initiative.

Practitioners actively involved in yoga and meditation practices are also encouraged to apply in collaboration with academic and research institutions of repute. Interested researchers are required to submit research proposals in their area of expertise along with Endorsement Certificate from the Head of the Institution and detailed bio-data of PI and Co-PIs. The project proposal format is available on the DST website: www.dst.gov.in.

Project duration: The project is tenable for a maximum period of three (3) years.

Where to apply: Fifteen (15) copies of research proposal in prescribed format should be sent to Dr. Vandana Singh, Scientist, Department of Science and Technology, Technology Bhawan, New Mehrauli Road, New Delhi-110016 by Speed Post. A soft copy of the proposal should also be mailed at satyam.dst@nic.in. The envelope may be superscribed with "SATYAM".

Last date of Proposal Submission is: 15 November 2016.

Format for Submission of Research Proposal Under

**SCIENCE AND TECHNOLOGY OF YOGA AND MEDITATION
(SATYAM)**



सत्यमेव जयते

**GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF SCIENCE & TECHNOLOGY
TECHNOLOGY BHAVAN
NEW DELHI-110016**

SECTION – A
(GENERAL INFORMATION)

1. Project Title :
2. Sub Area:
3. Duration in months :
4. Total cost :
5. Project Category:

Basic Research
Applied Research
Technology Development
Any other

6. Principal Investigator:

Designation :

Department :

Institute Name :

Address :

Telephone :

E-mail :

7. Date of Birth:

8. Sex (M/F) :

9. Co-Investigator :

Designation :

Department :

Institute Name :

Address :

Telephone :

E-mail :

10. Date of Birth :

11. Sex (M/F) :

SECTION - B (Technical Details)

1. Project Title :
2. Project summary (maximum 500 words):
3. Key words :
4. Introduction (under the following heads):
 - a. Origin of the proposal
 - b. Definition of the problem
 - c. Objective
5. Review and status of Research and Development in the subject:
 - a. International status
 - b. National status
 - c. Relevant references
 - d. Importance of the proposed project in the context of current status
 - e. Review of expertise available with proposed investigating group/institution in the subject of the project
6. Work plan:
 - a. Methodology
 - b. Organisation of work elements
 - c. Time schedule of activities giving milestones (also append to bar diagram)
 - d. Suggested plan of action for utilization of research outcome expected from the project

7. Budget Estimates: Summary

	Item	BUDGET			(in Rupees)
		1st Year	2nd Year	3rd Year	Total
A.	Recurring				
	1.Salaries/wages				
	2. Consumables				
	3. Travel				
	4. Other costs				
B.	Equipment				
	Grand Total (A+B)				

a. Budget for Salaries/Wages

Designation & number of persons	Monthly Emoluments	BUDGET			(in Rupees)
		1st Year	2nd Year	3rd Year	Total
Total					

Justification for the manpower requirement:

b. Budget for Consumable Materials

Item	BUDGET			(in Rupees)
	1st Year	2nd Year	3rd Year	Total
Total				

Justification for costly consumable:

c. Budget for Travel

	BUDGET			(in Rupees)
	1st Year	2nd Year	3rd Year	Total
Travel (Only inland travel)				

Justification for intensive travel, if any:

d. Budget for Other Costs/Contingencies

Sl. No.	Other costs/Contingency costs	BUDGET			(in Rupees)
		1st Year	2nd Year	3rd Year	Total

Justification for specific costs under other costs, if any:

e. Budget for Equipment

Sl.	Generic name of the	Imported/Indigenous	Estimated Costs	Spare time for
-----	---------------------	---------------------	-----------------	----------------

No.	Equipment along with make & model			other users (in %)

Justification for the proposed equipment:

8. List of facilities being extended by parent institution(s) for the project implementation.

a. Infrastructural Facilities:

Sr. No.	Infrastructural Facility	Yes/No/ Not required Full or sharing basis
1.	Workshop Facility	
2.	Water & Electricity	
3.	Laboratory Space/ Furniture	
4.	Power Generator	
5.	AC Room or AC	
6.	Telecommunication including e-mail & fax	
7.	Transportation	
8.	Administrative/ Secretarial support	
9.	Information facilities like Internet/ Library	
10.	Computational facilities	
11.	Animal/ Glass House	
12.	Any other special facility being provided	

b. Equipment available with the Institute/ Group/ Department/ Other Institutes for the project:

Equipment available with	Generic Name of Equipment	Model, Make & year of purchase	Remarks including accessories available and current usage of equipment
PI & his group			
PI's Department			
Other Inst In the region			

9. Detailed Bio-data of the Investigator(s)/Co-Investigator(s) including -
- Name, Address, Date of Birth, Institution's Address etc.
Academic Qualifications (University/College from where attained, year of passing, class, Thesis title etc.)
- Publications list (Title of paper, authors, Journal details, pages, year etc.)
- Patent list, if any
- List of Projects implemented

10. Details of Research Projects being implemented/ completed/ submitted by the Investigator(s)/Co-Investigators including Investigator(s) Name & Institute

Project Title:

Project Status:

Completed-duration, period (from.... to.....), funding agency and total cost
On-going-duration, date of start, funding agency and total cost
proposed-duration, funding agency where submitted and total cost

11. Any other relevant matter.

Endorsement from the Head of Institution

(To be given on letter head)

Project Title :

1. Certified that the Institute welcomes participation of Dr_____ as the Principal Investigator and Dr_____ as the Principal Co-Investigator for the project and that in the unforeseen event of discontinuance by the Principal Investigator, the Principal Co-Investigator will assume the responsibility of the fruitful completion of the project (with due information to DST).
2. Certified that the equipment and other basic facilities as enumerated in Section 420 and such other administrative facilities as per terms and conditions of the grant, will be extended to the investigator(s) throughout the duration of the project.
3. Institute assumes to undertake the financial and other management responsibilities of the project.

Date:

Name and Signature of Head of Institution

Place:

Certificate from the Investigator

Project Title:

1. I/ We agree to abide by the terms and conditions of the DST research grant.
2. I/ We did not submit the project proposal elsewhere for financial support.
3. I/ We have explored and ensured that equipment and basic facilities (enumerated in Section 420) will actually be available as and when required for the purpose of the projects. II We shall not request financial support under this project, for procurement of these items.
4. I/ We undertake that spare time on permanent equipment (listed in Section 350) will be made available to other users.
5. I/We have enclosed the following materials:

<u>Items</u>	<u>Number of copies</u>
a) Endorsement from the Head of Institution (on letter head)	One
b) Certificate from Investigator(s)	One
c) Details of the proposal from Section 101 to 500 (stitched) + one soft copy, preferably in MS Word	15

Date:
Place:

Name and Signature of Principal
Investigator