

Government of West Bengal
Department of Science & Technology and Biotechnology (DSTBT)
Vigyan Chetana Bhavan, Block-DD, Plot-26/B,
Sector-I Salt Lake, Kolkata-700064

Application Format for Science Popularization Programme

1. Programme Type (ref SN 11 of the Memorandum): 2 days Conference organized by college
2. Title of the proposed Programme: 1st International Conference on Application of Artificial Intelligence in Science, Technology, Engineering and Mathematics (ICAAI-STEM)
3. Target Group (Faculty, Teacher, Research Scholar, School/College/ University Student, Community): Faculty, Research Scholars, Post-Doctoral fellows, UG and PG Students.
4. Duration (days): ...2.....; Tentative Dates of the proposed Programme: 11.03.2026 to 12.03.2026
5. Aims, Objectives and Details of the Programme (attach separate sheet, if necessary):
.....See **Annexure A** for details.....
6. Name, Designation, Postal Address, mobile no. and e-mail id of the (only one) Programme Co-ordinator (PC) (attach separate sheet, if necessary):
Dr. Soovoojeet Jana
Assistant Professor
Department of Mathematics
Ramsaday College
Amta-711401, Howrah, West Bengal, India.
7. Legal status of the Institute (School/College/ University/ Institute/ Polytechnic/ ITI/ Autonomous body/ registered NGO/ Trust etc.): College
8. Date wise detail Programme Schedule (attach separate sheet, if necessary):
..... See **Annexure B** for details
9. Collaborating Institutions/ Organizations, if any, with their specific contribution: ...NA.....
10. Expected number of participants and list of Resource Persons/ Invited Speakers:
.....Expected number of participants is 200 including 150 UG & PG students and 50 faculties, research scholars from various interdisciplinary fields from various institutes. Also the expected number of resource persons is 10 including four each from West Bengal and outside state and two from abroad. The detailed list is provided in **Annexure C**.
11. Give details of the grant received from DSTBT in last three Financial Years, if any along with the date of submission of UC, Audited SoE, Report etc.:
See Annexure D for details.
12. Name and address of the authority to whom the allotted amount is to be credited (if sanctioned) who will also be responsible for submitting the UC, audited SoE, Programme Completion Report, Feedback, Still and Video photographs etc. of the grant:
Dr. Deb Kumar Mukherjee
Principal, Ramsaday College, Amta-711401, Howrah, WB
Email: debkumarmukherjee@rediffmail.com , Mobile: 987469431
13. Total Estimated Expenditure (A)/ Organisation's contribution (B)/ Contribution from any other sources (C) / Grant expected from DSTBT(D):
D : ₹1,50,000/- = (A: ₹2,60,000/- – B: ₹1,10,000/- – C: ₹0)
(provide detail Budget break-up as per Annexure-I and Bank details as per Annexure-II):

Check List (put tick) of attachments to be submitted with the application

- Proposed Total Budget with break-up (Annexure-I) and Bank Details (Annexure-II) in Institute/ Organization's letter head: **YES**
- For registered NGO/ Trust, filled in Application Format recommended by the appropriate Recommending Authority, viz., Jt.BDO/ BDO/ SDO/ DM/ Executive Officer- Municipality/ Commissioner-Municipal Corporation as the case may be (where the programme is actually going to be held): **NA**
- For registered NGO/ Trust, attested copies of the registration certificate, latest renewal certificate, Memorandum and Rules & Regulations of the Organization, last three years Audited Statement of Accounts, Annual Reports etc., List of recommended beneficiaries: **NA**

DECLARATION

Certified that the details furnished in the filled in format are correct to the best of our knowledge & belief and that the amount of financial assistance, if sanctioned, will be utilized for the purpose for which it is granted within the time as prescribed by DSTBT. We also undertake to abide by the General Guidelines and Terms & Condition prescribed by DSTBT and provide due coverage to DSTBT during the Programme and publications/ print and electronic media made from the Programme in future. We also declare that within one month after completion of the Programme we shall submit the Utilisation Certificate (UC), Audited Statement of Expenditure (Audited-SoE), Programme Completion Report, Feedbacks from the Participants, still and video photographs etc.

Signature: Soovoojeet Jana

Date: 15-12-2025

Name of Programme Coordinator:

Dr. Soovoojeet Jana

Designation: Assistant Professor

Address: Dept. of Mathematics
Ramsaday College, Amta-711401, Howrah

Signature: Dr. Deb Kumar Mukherjee

Date: 15-12-2025

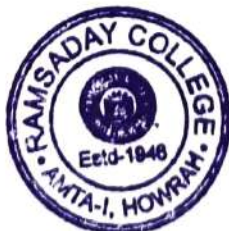
Name of Head of the Institution:

Dr. Deb Kumar Mukherjee

Designation: Principal

Address: Ramsaday College
Ramsaday College, Amta-711401, Howrah

Dr. Deb Kumar Mukherjee
Principal
Ramsaday College, Amta, Howrah





RAMSADAY COLLEGE

(Affiliated to the University of Calcutta & Registered under 2f of UGC Act)

An Institution Re-accredited by NAAC (3rd Cycle, Grade-B+)

P.O.- AMTA • DIST.- HOWRAH • PIN - 711401

(03214) 260-251

Email: ramsadaycollege2011@gmail.com

ramsaday.college@yahoo.in

Website : www.ramsadaycollege.com

Ref. No.....

Date..15-12-2025

Annexure-I

Proposed Total Budget with break-ups

A. Total Estimated Expenditure

Sl. No.	Items required with justification# and rate	Total Expenditure (A) (₹)
1.	Honorarium to Resource Persons/ Experts	34,000/-
2.	Study materials, Consumables expenses	50,000/-
3.	Hall rent, if any	Nil
4.	Publicity materials	10,000/-
5.	Travel expenses	15,000/-
6.	T.A. to the external Resource Persons/ Experts	48,000/-
7.	Documentation expenses including audio-visual	20,000/-
8.	Light refreshments	45,000/-
9.	Auditors' fee	3,000/-
10.	Other expenses, if any (please specify)	
	i) Accommodation	10,000/-
	ii) Certificate Printing	5,000/-
	iii) Cost for Model exhibition/Live experiments	20,000/-
	Grand Total Expenditure (₹):	2,60,000/-

Please mention:

B. Institution/ Organization Contribution* in ₹ 1,10,000/- (Rupees one lakh ten thousand only)

C. Contribution from any other sources (with name & Address) in ₹ 0

D. Grant expected from DSTBT (₹) = (A-B-C) 1,50,000/- (Rupees one lakh fifty thousand only)

Justification of cost is given in the next page.

Signature of Authorised Personnel with seal

Dr. Deb Kumar Mukherjee

Principal

If C= 0

Undertaking: This organization/ institution is not receiving any kind of financial assistance from any other sources

Signature of Authorised Personnel with seal

Dr. Deb Kumar Mukherjee

Principal

*At least 10% of the total budget contribution from the Institute/ Organization is desirable

Ramsaday College, Amta, Howrah

Sl. No.	Items required with justification and rate	Total Expenditure (A) (₹)
1.	Honorarium to Resource Persons/ Experts	We are expecting 8 national resource persons, and remuneration will be @3,000. In addition, we expect two international resource persons to give an invited talk in virtual mode. Also the remuneration will be @5,000. So total expenditure in this head is Rs. 34,000/-
2.	Study materials, Consumables expenses	This contains the printing of the book of abstracts and conference kit for the participants. We are expecting around 200 participants, including faculty, postdoctoral scholars, PhD scholars & UG-PG students. An estimated cost for this purpose is @250/- and consequently, the total estimated cost under this head is Rs. 50,000/-
3.	Hall rent, if any	Nil
4.	Publicity materials	The costs for Brochure printing and its circulation in other colleges, flex printing etc is estimated as Rs. 10,000/-
5.	Travel expenses	Require a small vehicle for three days (Conference days and the day before the conference date) for local travelling. Thus total expenditure in this head is proposed as @ Rs. 5000/- for three days i.e. total Rs. 15,000/-
6.	T.A. to the external Resource Persons/ Experts	Among proposed 8 national resource persons, four persons are considered within our state and rest four from other state. As our college is in interior location so TA for resource persons from West Bengal has been estimated @4,000/- and the same from outside West Bengal has been estimated @8,000/-. So total estimated cost in this head is Rs. 48,000/-
7.	Documentation expenses including audio-visual	We are planning to do some parallel sessions. Therefore, Audio visual recording cost is estimated Rs. 10,000/- per day. Hence we need a sum of Rs. 20,000/- in this head.
8.	Light refreshments	Estimated cost for light refreshment, including tea, water and lunch is Rs. 200/- per head. As the expected number of participants is around 200, the estimated cost for refreshment for the participants is Rs. 40,000/-. Hence we are claiming a sum of Rs. 45,000 for refreshment purpose including Rs. 5,000/- for refreshment purpose for the resource persons.
9.	Auditors' fee	3,000/-
10.	Other expenses, if any (please specify) i) Accommodation ii) Certificate Printing iii) Model exhibition and live experiment	Accommodation cost for some resource person during the conference is estimated as Rs. 10,000/- Cost for certificate printing is estimated as Rs. 5,000/- There will be a session (morning session of second day) where the students would do Model exhibition and live experiment. The students who would participate in this program would get financial assistance to purchase the required items for doing exhibition/experiment. Hence a sum of Rs. 20,000/- is estimated in this purpose.
Grand Total Expenditure (₹):		2,60,000/-

☎ (03214) 260-251

Email: ramsadaycollege2011@gmail.com

ramsaday.college@yahoo.in

Website : www.ramsadaycollege.com



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An Institution Re-accredited by NAAC (3rd Cycle, Grade-B⁺)

P.O.- AMTA • DIST.- HOWRAH • PIN - 711401


Ref. No.....

Date. 15-12-2025.....

Undertaking Certificate

This institution is going to organize 1st International Conference on Application of Artificial Intelligence in Science, Technology, Engineering and Mathematics (ICAAI-STEM) on 11.03.2026 to 12.03.2026 under the initiative of 'Science Popularization Programme' supported by DSTBT, Government of West Bengal. The institute is **not applying for any kind of financial assistance from any other sources.**




Dr. Deb Kumar Mukherjee
(Principal, Ramsaday College)

Dr. Deb Kumar Mukherjee
Ramsaday College, Amta, Howrah



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ramsaday.college@yahoo.in

Website : www.ramsadaycollege.com

Ref. No.....

Date. 15-12-2025

Bank details of the Applicant Organisation

Annexure-II

Name of the Organization	Ramsaday College
Bank Account number & name of the Account holder/ Organization	917010028123178 RAMSADAY COLLEGE GENERAL FUND
Type of Account (Savings or Current A/c)	Savings A/C
Name of the Bank	AXIS BANK
Name of the Branch with Branch address	AMTA Branch AMTA-711401 Howrah, West Bengal, India
IFSC of the Branch	UTIB0002782
Mobile Number of the Programme Coordinator/ Head of the Organization	9614296227 (Coordinator) 9874694311 (Principal)
PAN / TAN of the Account holder/ Organization	PAN-AAALA0620Q TAN-CALR00849C



Dr. Deb Kumar Mukherjee
(Principal, Ramsaday College)

Dr. Deb Kumar Mukherjee
Principal
Ramsaday College, Amta, Howrah



Department of Science & Technology and Biotechnology Sponsored

1st INTERNATIONAL CONFERENCE

On

**Application of Artificial Intelligence in Science, Technology, Engineering and
Mathematics (ICAAI-STEM)**

March 11-12, 2026

Organized By

Ramsaday College

(Affiliated to University of Calcutta)

Amta-711401, Howrah, West Bengal

Aims, Objectives and Details of the Programme

AIMS

- Now-a-days very few students are interested in studying science subjects especially in undergraduate level. Artificial Intelligence (AI) is an emerging tool for everyone in present and near future societies. Therefore, the proposed program is aimed to popularize the students in science.
- The propose program is aimed to display how AI can be implemented in various disciplines of science which includes Physics, Chemistry, Zoology, Physiology and Mathematics.
- The current students of the college would get interactions with experts from the different disciplines. In addition to that the present students from our institute would able to interact with faculties, post-doc fellows and research scholars to get a good view about the present research.

Moreover, the students would get a good exposures to boost up their confidence in next level about engagement of research work.

- With the aim of '**Science Popularization Programme**', a session would be dedicated for exhibition of models and live experiments by the students of the institute in the second day of the program in the consequence of celebration of National Science Day.

OBJECTIVES

- To realize the present undergraduate students about the use of various AI related tools and their applicability in different fields.
- To establish a platform for budding researchers, as well as faculty members and students, and to establish interactions among them.
- To utilize interactions among researchers to get feedback for the development of software tools.
- To represent the correlation between quantitative study and qualitative study.
- To enhance understanding of how various branches of STEM subjects uses AI and to encourage interdisciplinary studies.
- To involve students from humanities background (as more than 80% students from are from Arts background) in dealing with AI.

Details of the program

Participants details: Total number of expected participants for the proposed program is 200. We expect around 150 UG and PG students participants from our college and surrounding degree and engineering colleges from Science, Engineering and Mathematics. Moreover, we expect around 50 faculties and research scholars to attend and present their research work in this platform. There will be a provision for online presentations to the faculties and research scholars who would unable to attend the program physically. This program would certainly help the faculties from various colleges and universities in their CAS.

Resource Persons Details: We expect a sum of 10 resource persons to deliver their invited talks on the topic. Among these resource persons, we expect 4 from within the state, four from outside the state and two from abroad. We would try to organize the program in such a way that the resource persons from India (both within and outside state) would deliver their lectures physically and interact with participants with the objectives of popularizing science. However, the international speakers would deliver their lectures and interact with participants in virtual platform. It is to be mentioned that we have approached to those eminent faculties/scientists as resource person who are not only expert of their own field but also have done some significant works using AI in different topics of Mathematics, Physics, Chemistry, Biological Science, Engineering etc. Therefore, the domain of the resource persons would be Physics, Chemistry, Applied Mathematics, Data science, statistics, Soft Computing, Biological Science, Computer science etc.

Program Duration with details: The proposed program is scheduled for two days (11.03.2026 and 12.03.2026). We have planned **seven** number of technical sessions including two technical sessions in online mode. Also due to the time constraints, some technical sessions are to be held parallel. In addition to these technical sessions there will be one inaugural session (1st Day), one parallel session in

consequence of celebration of science day celebration (which is an annual event in the college) where there will be model exhibition and live experiments by the students from different disciplines in the morning session of the second day and a valedictory session in the late afternoon session of the second day (details of the program schedule has been given in Annexure B).

Sub Themes

- AI and ML in Physics
- AI and ML in Chemistry
- AI in Healthcare
- AI in Zoology
- LLM and its applications
- Soft computing and its applications in real world
- AI in Engineering and Technology
- AI in Education and Humanities
- Recent trends in research on Science, Technology, Engineering and Mathematics fields.

Proposed Outcomes

- Students would get a flavour on R&D in particular to the field of application of AI. This platform would certainly provide a huge exposures to the deserving students among the rural areas.
- This conference under the theme ‘Science Popularization Programme’ would enhance the scientific concepts and knowledge not only the students from science background but also from other disciplines including commerce and humanities.
- In cope with NEP 2020, this program would promote on interdisciplinary research.
- The faculties who present their research outcomes in this conference would get benefit in career advancement scheme.
- Our plan is to continue the program annually for each coming year (that’s why we use the phrase ‘1st’ in the name of the conference) and extend the theme from STEM to STEAM (Science-Technology-Engineering-Arts-Mathematics).



*Program Schedule for
Department of Science & Technology and Biotechnology
Sponsored*

1st INTERNATIONAL Conference

On

Application of Artificial Intelligence in Science, Technology, Engineering and Mathematics (ICAAI-STEM)

(March 11-12, 2026)

Organized By

Ramsaday College

(Affiliated to University of Calcutta)

Amta-711401, Howrah, West Bengal

Day-One

PROGRAMME SCHEDULE

Inauguration (9.00-10.45 AM)

Venue: Auditorium

Time	Event
9.00 AM-9.30 AM	Registration
9.30 AM-9.50 AM.	Opening Ceremony (Welcome Song, Lighting of Lamp)
9.50 AM-10.00 AM	Welcome Address by Principal, Ramsaday College
10:00 AM-10.40 AM	Inaugural Address by Chief Guest (Resource Person -1)
10:40 AM-10.45 AM	Vote of Thanks

10:45-11:00 Tea BREAK

TECHNICAL SESSION I (11:00 AM-1:30 PM) Chairperson: Resource Person -1**Venue:** Auditorium

Invited Lecture 1 (11:00 AM-12:15 PM)	Resource Person 2
Invited Lecture 2 (12:15-1:30 PM)	Resource Person 3

1:30-2:30 PM: Lunch BREAK**TECHNICAL SESSION II (2:30-4:30) Chairperson:** Resource Person -2**Venue:** Auditorium

Paper presentation by Faculties, Post doc fellows, Research Scholars, Students
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TECHNICAL SESSION III (Online Mode) (2:30-4:30) Chairperson: Resource Person -3**Venue:** Seminar Room

Invited Lecture 3 (2:30-3:30 PM)	Resource Person 4 (International)
Paper presentation by Faculties, Post doc fellows, Research Scholars, students in virtual mode. Time: 3:30-4:30 PM	

End of the Session of Day One

Day Two

March 12, 2025 (Thursday)

Venue: Auditorium & Seminar Room

PROGRAMME SCHEDULE

(Two Parallel Sessions)

TECHNICAL SESSION IV (10:00-12:30 PM) Chairperson: Resource Person -2

Venue: Auditorium

Invited Lecture 4 (10:00-11:15)	Resource Person 5
Invited Lecture 5 (11:15-12:30)	Resource Person 6

TECHNICAL SESSION V (10:00-12:30) Chairperson: Resource Person -3

Venue: Auditorium

Invited Lecture 6 (10:00-11:15)	Resource Person 7
Invited Lecture 7 (11:15-12:30)	Resource Person 8

Model Exhibition cum Live Experiments

Venue: Gitanjali Building, Ramsaday College

Time 10:00-12:30	Model Exhibition and Live Experiments by the college students in consequence of celebration of National Science Day by the college students.
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12.30-1.00 P.M. LUNCH BREAK

TECHNICAL SESSION VI (1:00-3:15) Chairperson: Resource Person -5**Venue:** Auditorium

Paper presentation by Faculties, Post doc fellows, Research Scholars, students

TECHNICAL SESSION VII (Online Mode) (1:00-3:15) Chairperson: Resource Person -9**Venue:** Seminar Room

Invited Lecture 8 (1:00-2:00)	Resource Person 10 (International)
Paper presentation by Faculties, Post doc fellows, Research Scholars, students in virtual mode. Time: 2:00-3:15 PM	

3.15:3.30 High Tea**Popular Talk cum Valedictory (3.30-5.00 PM) Venue:** Auditorium

Time	Event
3.30-3.40	Welcome of Guests by Seminar Convenor
3.40-4.25	Science Popular Talk by Resource Parson-9
4.25-4.35	Valedictory Address by Chief Guest (Resource Person -5)
4.35-4.45	Presidential Address by Principal, Ramsaday College
4.45-4.50	Vote of Thanks by Programme Coordinator
4.50-5.00	Distribution of Certificates
5.00 p.m.	National Anthem

Closure of the Seminar

List of Resource Persons/ Invited Speakers *

1. **Prof. Sankar Kumar Pal (Verbal Consent given)**
Conferred **Padma Shri** in Science and Engineering 2013
President & Emeritus Professor, ISI
Distinguished Scientist, and Former Director
Indian Statistical Institute
Center for Soft Computing Research, **India**
2. **Prof. Sandeep S. Ghugre (Verbal Consent given)**
Director
UGC-DAE CSR
Kolkata Centre, **India**
3. **Prof. Tapan Kumar Kar (Consent is attached)**
Professor (HAG)
Dept. of Mathematics
IEST, Shibpur, **India**
4. **Prof. A. K. Raychaudhuri (Verbal Consent given)**
INSA Senior Scientist
UGC-DAE CSR
Kolkata Centre, **India**
5. **Prof. Debnarayan Jana (Consent is attached)**
Professor
Department of Physics,
University of Calcutta, West Bengal, **India**
6. **Dr. Abhishek Pandey (Verbal Consent given)**
Associate Professor
School of Physics,
University of the Witwatersrand, Johannesburg, **South Africa**
7. **Dr. Sk Amanullah (Consent is attached)**
CNRS Researcher (Chargé de Recherche)
UMR 7313-Institut des Sciences Moléculaires de Marseille (iSm2)
Aix-Marseille Université (amU)-Saint-Jérôme
campus 52 Av Escadrille Normandie Niemen, 13013 Marseille, **France**
8. **Dr. Sumit Ranjan Maity (Verbal Consent given)**
Instrument Scientist
Japan Synchrotron Radiation Research Institute/SPring-8
1-1-1 Kouto, Sayo, Hyogo 679-5198, **Japan**

- 9. Dr. Bapan Ghosh (Verbal Consent given)**
Associate Professor
Dept. of Mathematics
IIT, Indore, **India**
- 10. Dr. Shyamal Ghosh (Verbal Consent given)**
Assistant Professor
Data Science
Indian Institute of Science Education and Research, Thiruvananthapuram, Kerala, **India**
- 11. Dr. Rajib Mondal (Consent is attached)**
Scientist-E
UGC-DAE, CSR Kolkata Center, **India**
- 12. Dr. Shanti Gopal Patra (Consent is attached)**
Assistant Professor,
Dept. of Chemistry,
National Institute of Technology Silchar, **India**
- 13. Dr. Raju Bej (Consent is attached)**
Assistant Professor
JBM School of Health Sciences and Technology, IIT Guwahati, **India**
- 14. Dr. K. L. Hassan (Verbal Consent given)**
Assistant Professor
Computer Science and Engineering
Aliah University, New Town, Kolkata, **India**
- 15. Dr. Rakesh Tamang (Consent is attached)**
Assistant Professor
Department of Zoology,
Human Evolutionary Genetics Lab,
University of Calcutta, **India**

* Although the program schedule is done for ten resource persons but here we provide names of 15 resource persons whose consent (verbal/email) are received because during program time, some of these resource persons may not be available for their busy schedule.



Soovoojeet Jana <soovoojeet@gmail.com>

Invitation for delivering an invited talk in 1st International Conference on Application of Artificial Intelligence in Science, Technology, Engineering and Mathematics (ICAAI-STEM)

2 messages

Soovoojeet Jana <soovoojeet@gmail.com>
To: Tapan Kumar Kar <tkar1117@gmail.com>

Sat, Dec 13, 2025 at 11:42 AM

To
Dr. Tapan Kumar Kar
Professor (Higher Administrative Grade (HAG)), Department of Mathematics
Indian Institute of Engineering Science and Technology, Shibpur

Respected Sir,

I am happy to inform you that the science departments of Ramsaday College, Amta-711401, Howrah, West Bengal, India is going to organize **1st International Conference on Application of Artificial Intelligence in Science, Technology, Engineering and Mathematics (ICAAI-STEM)** to be held in Ramsaday College during 11.03.2026 to 12.03.2026 under the heading **“Science Popularization Program”** funded by DSTBT, Government of West Bengal (proposal submitted).

We, the organizers, would like to get your concurrence to be associated with the audience, including Faculty, Research Scholars, Post-Doctoral fellows, UG & PG Students, and enrich them with your esteemed experience and wisdom.

From this perspective, I am delighted to invite you as a resource person and deliver a talk in this conference.

Please provide your consent in the reply email.

With regards,

Dr. Soovoojeet Jana
Organizing Committee
ICAAI-STEM
Ramsaday College
Amta-711401, Howrah, West Bengal, India

Tapan Kumar Kar <tkar1117@gmail.com>
To: Soovoojeet Jana <soovoojeet@gmail.com>

Sun, Dec 14, 2025 at 10:43 PM

Subject: Re: Invitation to ICAAI-STEM 2026

Dear Dr. Jana,

Thank you for your kind invitation to be associated with the *1st International Conference on Application of Artificial Intelligence in Science, Technology, Engineering and Mathematics (ICAAI-STEM)* to be held at Ramsaday College during 11–12 March 2026.

I am pleased to convey my consent to participate in the conference as a resource person and deliver a talk. I look forward to contributing to the academic deliberations and interacting with the participants.

With best regards,

Dr. Tapan Kumar Kar

Professor (HAG)

Department of Mathematics

IIST, Shibpur, Howrah-711103

[Quoted text hidden]

--

Dr. Tapan Kumar Kar

Professor (Higher Administrative Grade (HAG)), Department of Mathematics

Indian Institute of Engineering Science and Technology, Shibpur

(Formerly, Bengal Engineering and Science University, Shibpur)

Howrah-711103

West Bengal

INDIA

Email: t_k_kar@yahoo.com, tkar@math.iiests.ac.in

Tel: +91-(0)33-26684561-63(3 lines)

Fax: +91-(0)33-26682916



SUKDEV DOLAI <sukdevdolai.physics@gmail.com>

Invitation for delivering an invited talk in 1st International Conference on Application of Artificial Intelligence in Science, Technology, Engineering and Mathematics (ICAAI-STEM)

3 messages

SUKDEV DOLAI <sukdevdolai.physics@gmail.com>
To: djphy Calcutta University <djphy@caluniv.ac.in>

Thu, Dec 11, 2025 at 3:14 PM

To
Dr. Debnarayan Jana
Professor
Department of Physics, University of Calcutta
West Bengal, India

Subject: Invitation for delivering an invited talk in 1st International Conference on Application of Artificial Intelligence in Science, Technology, Engineering and Mathematics (ICAAI-STEM) to be held in Ramsaday College from 11.03.2026 to 12.03.2026 in hybrid mode

Dear Sir,

On behalf of Organisers, ICAAI-STEM, Ramsaday College, I am happy to inform you that the Science Departments of Ramsaday College, Amta-711401, Howrah, West Bengal, India is going to organize **1st International Conference on Application of Artificial Intelligence in Science, Technology, Engineering and Mathematics (ICAAI-STEM)** to be held in Ramsaday College during 11.03.2026 to 12.03.2026 under the heading “**Science Popularization Program**” funded by DSTBT, Government of West Bengal (proposal will be submitted).

We, the organisers, would like to obtain your consent to be associated with the audience, including Faculty, Research Scholars, Postdoctoral fellows, undergraduate and postgraduate students, and enrich them with your esteemed experience and wisdom.

From this perspective, I am delighted to invite you as a resource person and deliver a talk in this conference.

Please provide your consent in the reply email.

With regards,

Sukdev Dolai

Organizing Committee
ICAAI-STEM
Ramsaday College
Amta-711401, Howrah, West Bengal, India

djphy Calcutta University <djphy@caluniv.ac.in>
To: SUKDEV DOLAI <sukdevdolai.physics@gmail.com>

Thu, Dec 11, 2025 at 7:59 PM

Dear Dr. Dolai,
I will be happy to deliver a talk at the said conference.
With best regards
Debnarayan Jana

[Quoted text hidden]

SUKDEV DOLAI <sukdevdolai.physics@gmail.com>
To: djphy Calcutta University <djphy@caluniv.ac.in>

Thu, Dec 11, 2025 at 8:18 PM

Thank you for your response.

With Regards
S.Dolai
[Quoted text hidden]
--

Regards
S.Dolai

Dr. Sukdev Dolai

12/11/25, 8:18 PM

Gmail - Invitation for delivering an invited talk in 1st International Conference on Application of Artificial Intelligence in Science...

Department of Physics

Ramsaday College

Amta, Howrah-711401

West Bengal

India

Mobile Number: +919933762531

Google Scholar Id - <https://scholar.google.com/citations?user=q1NXQPkAAAAJ&hl=en>

Website: <https://ramsadaycollege.com/>



Invitation for delivering an invited talk in 1st International Conference on Application of Artificial Intelligence in Science, Technology, Engineering and Mathematics (ICAAI-STEM) to be held in Ramsaday College during 11.03.2026 to 12.03.2026 in hybrid mode

2 messages

Sahidul Mondal <chemistry.sahidul@gmail.com> Thu, 11 Dec, 2025 at 8:11 pm
To: Sk Amanullah <amanorsunny@gmail.com>

Respected Sir,
I am happy to inform you that the science departments of Ramsaday College, Amta-711401, Howrah, West Bengal, India is going to organize 1st International Conference on Application of Artificial Intelligence in Science, Technology, Engineering and Mathematics (ICAAI-STEM) to be held in Ramsaday College during 11.03.2026 to 12.03.2026 under the heading "Science Popularization Program" funded by DSTBT, Government of West Bengal (proposal submitted).
We, the organizers, would like to get your concurrence to be associated among the audience including Faculty, Research Scholars, Post-Doctoral fellows, UG & PG Students and enrich them with your esteemed experience and wisdom.
From this perspective, I am delighted to invite you as a resource person and deliver a talk in this conference.
Please provide your consent in reply email.

With regards,

Dr. Sahidul Mondal
Organizing Committee Member
ICAAI-STEM
Ramsaday College
Amta-711401, Howrah, West Bengal, India

Sk Amanullah <amanorsunny@gmail.com> Fri, 12 Dec, 2025
To: Sahidul Mondal <chemistry.sahidul@gmail.com>

Dear Dr. Mondal,

Thank you the invitation. I will be happy to present my work and interact with the students and the faculty members. I must admit this is very good initiative to organize such a conference in colleges to encourage y students.

I am looking for seeing you soon.
Best regards,
Aman

Sk Amanullah (He/Him)
CNRS Researcher (Chargé de Recherche)
UMR 7313-Institut des Sciences Moléculaires de Marseille (iSm2)
Aix-Marseille Université (amU)-Saint-Jérôme campus
52 Av Escadrille Normandie Niemen, 13013 Marseille, France
amanullah.sk@univ-amu.fr ; amanorsunny@gmail.com
+334 13 94 56 10 (office); +336 09 98 77 80 (home)



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Invitation for delivering an invited talk in 1st International Conference on Application of Artificial Intelligence in Science, Technology, Engineering and Mathematics (ICAAI-STEM)

3 messages

SUKDEV DOLAI <sukdevdolai.physics@gmail.com>
To: Rajib Mondal <mondal.rajib1988@gmail.com>

Sat, 6 Dec 2025 at 12:21

To
Dr. Rajib Mondal
Scientist-E
UGC-DAE, CSR Kolkata Center

Subject: Invitation for delivering an **invited talk** in **1st International Conference on Application of Artificial Intelligence in Science, Technology, Engineering and Mathematics (ICAAI-STEM)** to be held in Ramsaday College during 11.03.2026 to 12.03.2026 in hybrid mode

Respected Sir,

On behalf of Principal, Ramsaday College, I am happy to inform you that the Science Departments of Ramsaday College, Amta-711401, Howrah, West Bengal, India is going to organize **1st International Conference on Application of Artificial Intelligence in Science, Technology, Engineering and Mathematics (ICAAI-STEM)** to be held in Ramsaday College during 11.03.2026 to 12.03.2026 under the heading **“Science Popularization Program”** funded by DSTBT, Government of West Bengal (proposal submitted).

We, the organizers, would like to get your concurrence to be associated among the audience including Faculty, Research Scholars, Post-Doctoral fellows, UG & PG Students and enrich them with your esteemed experience and wisdom.

From this perspective, I am delighted to invite you as a resource person and deliver a talk in this conference.

Please provide your consent in the reply email.

With regards,
Sukdev Dolai

Organizing Committee
ICAAI-STEM
Ramsaday College
Amta-711401, Howrah, West Bengal, India

Rajib Mondal <mondal.rajib1988@gmail.com>
To: SUKDEV DOLAI <sukdevdolai.physics@gmail.com>

Fri, 12 Dec 2025 at 23:37

Dear Dr. Sukdev Dolai,

Thank you for the invitation. I will attend the conference.

Thanks & Regards,
Rajib

Rajib Mondal (Ph.D.) / राजीब मंडल (पीएच.डी.)

Scientist-E / वैज्ञानिक-ई

**UGC-DAE Consortium for Scientific Research, Kolkata Centre / विश्वविद्यालय अनुदान आयोग - परमाणु ऊर्जा विभाग वैज्ञानिक
अनुसंधान संकुल, कोलकाता केंद्र**

LB-8, Sector III, Salt Lake / एल बी-८, सेक्टर III, साल्ट लेक

Bidhan Nagar, Kolkata - 700 106 / बिधान नगर, कोलकाता - ७०० १०६

West Bengal, India / पश्चिम बंगाल, भारत

[Quoted text hidden]

SUKDEV DOLAI <sukdevdolai.physics@gmail.com>
To: Rajib Mondal <mondal.rajib1988@gmail.com>

Sat, 13 Dec 2025 at 07:24

Thank you for your response.

Regards
S.Dolai

Dr. Sukdev Dolai

Department of Physics

Ramsaday College

Amta, Howrah-711401

West Bengal

India

Mobile Number: +919933762531

Google Scholar Id-<https://scholar.google.com/citations?user=q1NXQPkAAAAJ&hl=en>

Website: <https://ramsadaycollege.com/>

[Quoted text hidden]



Invitation for delivering an invited talk in 1st International Conference on Application of Artificial Intelligence in Science, Technology, Engineering and Mathematics (ICAAI-STEM)

3 messages

SUKDEV DOLAI <sukdevdolai.physics@gmail.com>
To: rajubej@iitg.ac.in, Raju Bej <rajubej123@gmail.com>

Tue, 9 Dec 2025 at 19:45

To
Dr. Raju Bej
Assistant Professor
JBM School of Health Sciences and Technology, IIT Guwahati

Subject: Invitation for delivering an **invited talk** in **1st International Conference on Application of Artificial Intelligence in Science, Technology, Engineering and Mathematics (ICAAI-STEM)** to be held in Ramsaday College from 11.03.2026 to 12.03.2026 in hybrid mode

Dear Sir,

On behalf of Organisers, ICAAI-STEM, Ramsaday College, I am happy to inform you that the Science Departments of Ramsaday College, Amta-711401, Howrah, West Bengal, India is going to organize **1st International Conference on Application of Artificial Intelligence in Science, Technology, Engineering and Mathematics (ICAAI-STEM)** to be held in Ramsaday College during 11.03.2026 to 12.03.2026 under the heading “**Science Popularization Program**” funded by DSTBT, Government of West Bengal (proposal will be submitted).

We, the organisers, would like to obtain your consent to be associated with the audience, including Faculty, Research Scholars, Postdoctoral fellows, undergraduate and postgraduate students, and enrich them with your esteemed experience and wisdom.

From this perspective, I am delighted to invite you as a resource person and deliver a talk in this conference.

Please provide your consent in the reply email.

With regards,

Sukdev Dolai

Organizing Committee
ICAAI-STEM
Ramsaday College
Amta-711401, Howrah, West Bengal, India

To: SUKDEV DOLAI <sukdevdolai.physics@gmail.com>

Dear Sukdev,

Thank you very much for the invitation. I would be happy to deliver an online talk at 1st ICAAI-STEM conference.

Best regards,
Raju

Assistant Professor
JBM School of Health Sciences and Technology
IIT Guwahati, Assam-781039, India

From: SUKDEV DOLAI <sukdevdolai.physics@gmail.com>

Sent: 09 December 2025 19:45

To: Raju Bej <rajubej@iitg.ac.in>; Raju Bej <rajubej123@gmail.com>

Subject: Invitation for delivering an invited talk in 1st International Conference on Application of Artificial Intelligence in Science, Technology, Engineering and Mathematics (ICAAI-STEM)

You don't often get email from sukdevdolai.physics@gmail.com. [Learn why this is important](#)

[Quoted text hidden]

SUKDEV DOLAI <sukdevdolai.physics@gmail.com>

Wed, 10 Dec 2025 at 10:00

To: Raju Bej <rajubej@iitg.ac.in>

Thank you for your response.

Regards
S.Dolai

Dr. Sukdev Dolai
Department of Physics
Ramsaday College
Amta, Howrah-711401
West Bengal
India

Mobile Number: +919933762531

Google Scholar Id-<https://scholar.google.com/citations?user=q1NXQPkAAAAJ&hl=en>

Website: <https://ramsadaycollege.com/>

[Quoted text hidden]



Sahidul Mondal <chemistry.sahidul@gmail.com>

Invitation for delivering an invited talk in 1st International Conference on Application of Artificial Intelligence in Science, Technology, Engineering and Mathematics (ICAAI-STEM) to be held in Ramsaday College during 11.03.2026 to 12.03.2026 in hybrid mode

2 messages

Sahidul Mondal <chemistry.sahidul@gmail.com>

Sat, Dec 6, 2025 at 5:00 PM

To: shanti@che.nits.ac.in

Respected Sir,

I am happy to inform you that the science departments of Ramsaday College, Amta-711401, Howrah, West Bengal, India is going to organize 1st International Conference on Application of Artificial Intelligence in Science, Technology, Engineering and Mathematics (ICAAI-STEM) to be held in Ramsaday College during 11.03.2026 to 12.03.2026 under the heading "Science Popularization Program" funded by DSTBT, Government of West Bengal (proposal submitted). We, the organizers, would like to get your concurrence to be associated among the audience including Faculty, Research Scholars, Post-Doctoral fellows, UG & PG Students and enrich them with your esteemed experience and wisdom.

From this perspective, I am delighted to invite you as a resource person and deliver a talk in this conference. Please provide your consent in reply email.

With regards,

Dr. Sahidul Mondal
Organizing Committee Member
ICAAI-STEM
Ramsaday College
Amta-711401, Howrah, West Bengal, India

Dr. Shanti Gopal Patra <shanti@che.nits.ac.in>

Sat, Dec 6, 2025 at 10:11 PM

To: Sahidul Mondal <chemistry.sahidul@gmail.com>

Dear Dr. Mondal,

Thank you for your kind invitation, which I am pleased to accept.

Sincerely,

Dr. Shanti Gopal Patra,

Assistant Professor,

Dept. of Chemistry,

National Institute of Technology Silchar,

(An Institute of National Importance)

Cachar,

Assam- 788010

Mobile: +91-7980616247

[Quoted text hidden]

University of Calcutta

Department of Zoology

35, Ballygunge Circular Road,
Kolkata 700 019, India



Ph. : 91332461-5445/4959

Ext. : 270/271

Fax : 91 33 2461-4849

Date: 11/12/2025

Ref. No.: RT/WS/RC/2026

To
Organizing Committee
ICAAI-STEM
Ramsaday College
Amta-711401, Howrah, West Bengal, India

Subject: **Consent to Serve as Resource Person for the Seminar on “Application of Artificial Intelligence in Science, Technology, Engineering and Mathematics (ICAAI-STEM)”**

Dear Sir/Madam,

I, **Dr. Rakesh Tamang**, Assistant Professor at the Department of Zoology, University of Calcutta, hereby express my consent to serve as a **Resource Person/Speaker** for the seminar titled “**Application of Artificial Intelligence in Science, Technology, Engineering and Mathematics (ICAAI-STEM)**” scheduled to be held on 11.03.2026 to 12.03.2026 at Ramsaday College, Amta.

I understand that I am expected to deliver a session on the topic “**Understanding human ancestry using uniparental and biparental DNA markers**” and participate in the related interactions/discussion as part of the program. I agree to abide by the schedule and guidelines provided by the organizing committee. Kindly let me know if any additional details or documents are required from my end.

Thank you for the invitation. I look forward to contributing to the event.

Warm best wishes,

Yours sincerely

[R. Tamang]

Dr. Rakesh Tamang
Assistant Professor
Department of Zoology
University of Calcutta

Details of the grant received from DSTBT in last three Financial Years, if any, along with the date of submission of UC, Audited SoE, Report etc:

Received Amount Rs.. 3,80,000/-

Date:11-12-2023

Memo No. 1830(Sanc.)/STBT-11012(26)/5/2021-ST SEC Dated 11-12-2023

Head: 3rd and Final Instalment of the DSTBT sanctioned project (PI: Dr. Soovoojeet Jana)

Status: UC and Audited report with final report of the project has been submitted to DSTBT on May, 2025

Government of West Bengal
Department of Science & Technology and Biotechnology
"Vigyan Chetana Bhavan", Salt Lake,
DD 26/B, Sector-I,
Kolkata - 700064.

Annexure-A

Ref: ST/P/S&T/16G-12/2018

of the P.I. with Institute: Dr. Soovoojeet Jana, P.I. of the project, Ramsaday College, Amta.

1 Guideline must be followed by the P.I.:

The selection of JRF/SRF shall be made as per guidelines of this Deptt. (Science & Technology).

The remuneration to the JRF/SRF & project Asstt. Should be disbursed as per FD Memo No. 6261-F(Y) dt. 27.06.2011.


Follow FD Memo No. 5400-F(Y) dt. 25.06.2012 and Memo No. 3060-F(Y) dt. 11.06.2014 where applicable.

The UC along with the audited statement of expenditure should be obtained within prescribed time limit / before release of further installment of grant.

e Follow the Budget break-up given below:

SUMMARY (in Rupees)

	Item of expenditure	1st year in rupees	2nd year in rupees	3rd year in rupees	Total in rupees
A	Non-recurring permanent equipment:				
	None	Nil	Nil	Nil	Nil
B	Recurring :				
	Remunerations / salaries of One Junior Research Fellow @ Rs 18700/- per month { Basic Rs 16000/- + H.R.A Rs 2400/- + M.A Rs 300/-} for 1st and 2nd Year.	224400	224400	252000	700800
	@ Rs 21000/- per month for 3rd year as Senior Research Fellow { Basic 18000/- + H.R.A Rs 2700/- + M.A Rs 300/-}				
	Consumable	Nil	Nil	Nil	Nil
	Travel	10000	10000	10000	30000
	Other Cost	10000	10000	10000	30000
	Books & Journals	5000	Nil	Nil	5000
	Grand Total (A+B)	249400	244400	272000	765800


Assistant Secretary to the Govt. of W.B.

Subject : R&D project entitled " Mathematical modelling and control of some major infectious diseases in West Bengal under uncertain environment "

PI: Dr. Soovoojeet Jana , Deptt. of Mathematics, Ramsaday College, Amta Howrah-711401

Revised Budget break-up:

Item of expenditure	1st year in rupees	2nd year in rupees	3rd year in rupees	Total in rupees
Non-recurring permanent equipment:				
One	Nil	Nil	Nil	Nil
Recurring :				
Old scale: Remunerations / salaries of one Junior Research Fellow @Rs18700/- per month { Basic Rs 16000/- + H.R.A Rs 2400/- M.A Rs 300/-} for 1st and 2nd year.	224400	224400	360000 (New scale)	808800
Remunerations / salaries of Senior Research Fellow @ Rs 10000/- per month w { Basic 8000/- + H.R.A Rs 2700/- M.A Rs 300/-} The enhanced remuneration effective from 1st February,2021: Monthly remuneration of JRF Rs.25000/-(consolidated) Monthly remuneration of SRF Rs.30000/-(consolidated)				
Consumable	Nil	Nil	Nil	Nil
Travel	10000	10000	10000	30000
Other Cost	10000	10000	10000	30000
Book & Journals	5000	Nil	Nil	5000
Grand Total (A+B)	249400	244400	380000	873800

GOVERNMENT OF WEST BENGAL
Science & Technology and Biotechnology DEPARTMENT

Tel:

Fax:

Date: 11/12/2023

no No : 1830(Sanc.)/STBT-11012(26)/5/2021-ST SEC

Sanction Order for Grant-in-Aid in Cash

mand No. : 76 Department Code : BS Financial Year : 2023 - 2024

Sanctioning Authority: SPECIAL SECRETARY, Science & Technology and Biotechnology

Recipient of Grant: Ramsaday College.

Category of the recipient of Grant: Grantee Institution

Amount Sanctioned: Rs.380000/-

Rupees Three Lakh Eighty Thousand Only.

DDO Code :- CAFSTA003

DDO Designation: Registrar, Science & Technology & Biotechnology Dept.

Department Code: BS-Science & Technology and Biotechnology

Head of Account Code :76-3425-60-200-010-31-02-V

Scheme Name Financial Assistance to other Scientific Bodies for undertaking Scientific

Name of the Treasury/PAO & Accounts office: Pay & Accounts Officer-III, Calcutta PAO-III

Type of Grant:- Recurring

Utilization Certificate Required or Not: Yes

Purpose of Grant : R&D project entitled- Matehmalical modelling and control of some major infectious diseases in West gal under uncertain environment.

Applicable T.R Form No:- TR Form No.31

An amount of Rs.380000/-(Rupees Three Lakh Eighty Thousand Only.) is hereby sanctioned for payment of Grant to the recipients as per SI.No.2 from the Head of Account as stated in SI.No.8 above against the Budget Provision of the Financial Year 2023 - 2024. The sanctioned amount will be payable through Transfer Credit into the LF/PL/Other Deposit Account/ECS/Cheque, as the case may be following the order issued by Finance Department in this regard.

Total released amount is within the Budget Provision of the Financial Year. 2023 - 2024

This order issues in exercise of the power delegated under Finance Department Memo. No. 1400-F.B. dated 30.03.2023 with the concurrence of Finance Deptt.vide Gr. F.A. Branch U.O. No. 146/FA Date 28/11/2023

The Principal Accountant General (A&E), West Bengal and Pay & Accounts Officer/Treasury Officer and other concerned are being informed.

Remarks: Present release Rs. 3,80,000/- is the 3rd & final installment of the total project cost of cost Rs. 8,73,800/- (sanctioned for 3 year (s) work, will be transferred through e-Pradan system to Ramsaday College General Fund. No.-913010026422907 (SB), IFSC CODE-UTIB0000580, Mobile No.-9614296227.

Sd/-

SPECIAL SECRETARY

Science & Technology and Biotechnology

Utilisation Certificate (UC) in respect of Grant-in-Aid

No.

Date: 20-02-2025

1. Name of the Grantee Institute (s) : RAMSADAY COLLEGE
[Attach separate list for more than one Grantee Institution]
2. Sanctioning Authority : SPECIAL SECRETARY, SCIENCE & TECHNOLOGY
AND BIOTECHNOLOGY
3. Sanction Order Number & Date : 1830 (Sanc.) / STBT-11012(26)/5/2021-ST SE
dt. 11-12-2023
4. Amount Sanctioned : Rs. 3,80,000/-
5. Drawing & Disbursing Officer : DR. DEB KUMAR MUKHERJEE
6. Treasury/PAO :
[From where the bill was drawn]
7. Bill No. & Date :
8. T. V. No. & Date :
9. Amount Drawn : Rs. 3,80,000/-
10. Unspent Balance of Previous year, if any : NIL
11. Amount Utilised : Rs. 3,80,000/-
12. Unspent Balance, if any, in Current year : NIL
13. Purpose of Utilisation : Remuneration of SRF, Travel cost and
other cost (contingency)

CERTIFICATE

Certified that I have satisfied myself that the conditions on which the Grant-in-Aid was sanctioned have been duly fulfilled/are being fulfilled that I have exercised the following checks to see that the money was actually utilised for the purpose for which was sanctioned.

[Applicable in case of unspent balance] The unspent fund will be adjusted against the Grant-in-Aid to be sanctioned and paid in the Current Financial Year (applicable in case of recurring grant only).

Kinds of checks exercised

1. Cash Book
2. Ledger
3.
4.
5.

Date


Signature with Official Stamp

Principal & Secretary (Acad.) (C/o)
Ramsaday College

Department of Science & Technology and Biotechnology

Vigyan Chetana Bhavan,
Salt Lake, Kolkata-700064

Statement of expenditure

Name of the Principal Investigator: Dr. Soovoojeet Jana

Name of the guarantee institute: Ramsaday College, Amta-711401, Howrah, West Bengal

Title of the research project: Mathematical modelling and control of some major infectious diseases in West Bengal under uncertain environment

Memo number: 1830(Sanc.)/STBT-11012(26)/5/2021-ST SEC dt. 11.12.2023

Amount sanctioned: ₹3,80,000/- (Three lakh Eighty Thousand only).

Evaluation period: 3rd year of the project (16th April, 2021 to 15th April, 2022)

Sl. No.	Item	Amount sanctioned (₹)	Expenditure (₹)
1	Remuneration of one senior research fellow ₹30,000/- per month	3,60,000/-	3,60,000/-
2	Travel	10,000/-	10,500/-
3	Other cost	10,000/-	11,500/-
Grand Total		3,80,000/-	3,82,000/-
Unspent Balance		NIL	

Soovoojeet Jana

(Dr. Soovoojeet Jana)
Assistant Professor and PI of the project
Dept. of Mathematics
Ramsaday College, Amta-711401, Howrah



Deb Kumar Mukherjee
(Dr. Deb Kumar Mukherjee)
Principal
Ramsaday College

Principal & Secretary (Ex-officio)
Ramsaday College
Amta, Howrah

P. R. Mukhopadhyay & Co.

(Chartered Accountant)

UDIN: 25056366BMHZTC6764

MRN/Name: 056366/PARTHA PRATIM MUKHOPADHYAY

Firm Registration No.: 333383E

Document type: Certificates

Document sub type: Others

Document Date: 27-02-2025

Create Date/Time: 27-02-2025 | 12:48:08

Financial Figures/Particulars:

GRANT RECEIVED: 380000.00 (Actual): 3,80,000

TOTAL UTILIZATION: 382000.00 (Actual): 3,82,000

NAME: DEPARTMENT OF SCIENCE TECHNOLOGY AND BIOTECHNOLOGY

Document description: UTILIZATION CERTIFICATE (16th APRIL,2021 to 15th APRIL,2022)

