

INDIAN STATISTICAL INSTITUTE

REGISTRATION FOR THE PH. D. DEGREE

APPLICATION FORM

General Instructions:

- (i) Only candidates satisfying the eligibility conditions as per the prevailing rules of the Institute may apply for Ph.D. registration.
- (ii) The soft copy of this form should be submitted along with all the necessary enclosures (**see the check-list at the end**) to the Convener of the Ph.D.& D.Sc. Committee of the relevant discipline, Dean's Office and Ph.D./D.Sc. Cell.
- (iii) For any item, candidates can use as much space as required.

(To be filled by the Convener, Ph.D. & D.Sc. Committee / Ph.D.-D.Sc. Cell)

1. Date of receipt of application
 2. Registration approved / disapproved by the Ph.D.& D.Sc. Committee on
 3. Remarks, if any
-

1. Name in full: **PRATHAMA** **UPANAMA**
(in block letters) (first name) (middle name) (surname)
 2. Father's name: **Pitashri Upanama**
 3. (a) Present address (for correspondence, in Block Letters): (Please intimate any change promptly to the Convener, Ph.D.& D.Sc. Committee)
**RESEARCH SCHOLAR HOSTEL
INDIAN STATISTICAL INSTITUTE
8TH MILE, MYSORE ROAD
RVCE POST
BENGALURU - 560059
KARNATAKA**
(b) Permanent address (in Block Letters):
**VILL/PO - Grama
DISTRICT - Zilla
PS - Dakabaksa
PIN - 111111
STATE - PRADESH**
 4. Date of birth: **01 01 19****
day month year
 5. Nationality: **Indian**
 6. Email(s) (i) **rs_math****@isibang.ac.in** (ii) **emailid@gmail.com**
 7. Telephone:(a) Landline (b) Mobile: **(+91) 99999 00000**
 8. Sex: **(Fe)Male**
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9. Academic record: (attach attested/Xerox copies of the certificates)

Name of Degree / Diploma	Years of Study	Subjects		Year of passing	Class/rank /distinction	University/ Institute
		Main	Subsidiary			
(Graduate or equivalent) B. Sc.	3	Mathematics	Physics, Chemistry	2020	First	Amuka University
(Post-graduate or equivalent) M. Sc.	2	Mathematics	N/A	2022	First	Samuka University
(Post-master's) ISI PhD Course work	2	Mathematics	N/A	2024		ISI, Bangalore

10. Present occupation, designation and affiliation: **JRF, Indian Statistical Institute Bangalore**
11. Mention the source of support or fellowship, if any: **ISI Institute Fellowship**
12. Date of joining the Ph.D. programme in the Institute:
 - (a) In case you are a research fellow attached to the Institute (irrespective of the source of fellowship), please mention the date of joining as a research fellow in the Institute: **July 15, 2020**
 - (b) In case you are not a research fellow attached to the Institute, please mention the date of your being admitted by the Dean of Studies to join the Ph.D. programme.
N/A

(In either case, you need to attach a letter (ANNEXURE-I) certifying the date of joining either from the Dean of Studies or from the convener of the Research Fellows Advisory Committee (RFAC) that you have been placed under)
13. Name the unit/division of the Research Fellows Advisory Committee you are assigned to: **Statistics and Mathematics Unit (ISI Bangalore Centre)**
14. In which of the following disciplines, do you want to get registered for a Ph.D. degree (tick ✓ one)?

(a) Statistics	(d) Quantitative Economics
(b) Mathematics ✓	(e) Quality, Reliability and Operations Research
(c) Computer Science	
15. Have you successfully completed the required course-work for registering for a Ph.D. degree in the discipline mentioned in item 14 above? **YES**
(You need to enclose a certificate from the Research Fellows Advisory Committee (ANNEXURE-II) you are currently assigned to)
16. Please mention the name(s) and affiliation(s) of the supervisor(s): **Ganita Pradhyapak** (Assistant Professor in the **Statistics and Mathematics Unit, ISIBC**)
(You need to enclose a copy of the letter from the Dean of Studies assigning thesis supervisor(s))
17. Give a brief write-up of the research area to be pursued by you towards your Ph.D. thesis. This write-up is to be *submitted as a separate enclosure (ANNEXURE-III) and should be duly forwarded by your thesis supervisor(s) and the Chair of the Research Fellows Advisory Committee* you are currently assigned to.

18. Give a brief description of previous (before joining the Ph.D. programme of the Institute) experience in research work, if any (please include a list of research papers, published or unpublished, if any, with copies enclosed), mentioning the place(s), period(s), position(s) held and nature(s) of work: **N/A**

DECLARATION (to be signed by the candidate)

The above particulars submitted by me are correct and I shall abide by the rules and regulations of the Institute governing submission of my Ph.D. thesis.

Place: Bengaluru

Date: May 19, 2022

Signature:

ENDORSEMENT BY THE SUPERVISOR

I certify that I have been assigned on **April 15, 20**** to act as supervisor for the Ph.D. thesis work of the candidate and that I agree to supervise the Ph.D. thesis work of the candidate on the problem(s) mentioned in the attached enclosure (ANNEXURE-III). The discipline in which the candidate is working for a Ph.D. degree is **Mathematics**.

Name (in block letters): GANITA PRADHYAPAK

Designation: Assistant Professor

Official Address: AS**, Indian Statistical Institute, 8th Mile, Mysore Road, Bengaluru - 560059

E-mail Address: emailid@gmail.com, ganita@isibang.ac.in

Phone No: (+91) 88888 00000

Fax No: N/A

Signature:

Date: May 19, 2022

Place: Bengaluru

ENDORSEMENT BY THE DEAN OF STUDIES

I certify that the candidate (please tick ✓ one)

(a) (✓) has been admitted to join as a Research Fellow in the Institute on **July 15, 2020**.

(b) is not a Research Fellow but has been admitted to join the Ph.D. programme of the Institute on (N/A)

The candidate has been placed under the supervision of the Research Fellows Advisory Committee of the **Statistics and Mathematics** Unit/Division

Date:

Place:

Dean of Studies
Indian Statistical Institute

Checklist of documents to be enclosed with this application

- Copies of certificates in support of academic qualifications stated in 9.
- Copy of letter from the Dean of Studies granting admission to the Ph.D. programme of the Institute (in case of Research Fellows, the letter of selection for admission to the Institute as a Research Fellow will suffice).

- Certificate (in Annexure-I) from the Dean of Studies or from Convener, RFAC confirming date of joining the Ph.D. programme.
- Certificate (in Annexure-II) from the Chair, RFAC confirming successful completion of required course-work.
- Copy of the letter from the Dean of Studies assigning Ph.D. thesis supervisor(s).
- A write-up (in Annexure III) of the research area to be pursued towards Ph.D. thesis (see item 17 above), duly forwarded by thesis supervisor(s) and the Chair, RFAC.
- Copies of research papers, if any, listed in 18.
- Soft copies of all of the above mentioned documents including this application form should be emailed to the respective Convener of the Ph.D. / D.Sc. Committee.

ANNEXURE-I

*This is to certify that Mr. **Prathama Upanama** was admitted to the Ph.D. programme of the Institute and was placed under the supervision of the Research Fellows Advisory Committee of the **Statistics and Mathematics Unit/Division** and that he joined on **July 15, 2020**.*

Date:

Place:

Signature:

(Dean of Studies / Convener, RFAC)

ANNEXURE-II

*This is to certify that Mr. **Prathama Upanama** has successfully completed the following **FIVE** courses as required for registration for a Ph.D. degree of the Institute in his chosen discipline. The list includes courses taken by the candidate at the Institute after joining the Ph.D. programme as well as the courses waived by the RFAC.*

- *List of Courses taken at the Institute after joining the Ph.D. programme, with grades obtained*
 1. Topology I
 2. Topology II
 3. Measure Theory
 4. Algebra I
 5. Algebra II
 6. Functional Analysis
 7. Complex Analysis
 8. Commutative Algebra I
- *List of Courses waived by the RFAC with brief reason*
 - 1.
 - 2.
 - 3.
 - 4.
 - 5.

*The candidate fulfills the coursework requirement for applying for registration for a Ph.D. degree of the institute in **Mathematics**.*

Date: May 19, 2022

Place: Bengaluru

Signature:

(Chair, RFAC, Stat-Math Unit, ISIBC)

ANNEXURE-III

(Write up on the research area to be pursued)

1 Introduction

My research interest is broadly in the area of awesome mathematics.

2 Interesting results in awesome mathematics

It is well known that awesome mathematics has some interesting theorems.

There will be two main directions of investigation in my thesis project.

- (i) Is the theorem really awesome? (see [1])
- (ii) If not, can I make it awesome?

References

- [1] J. Doe; *How to solve your thesis problem*, Journal of Thesis Problems, **59** (20**), 65–89.

Signature:

(*Supervisor*)

Signature:

(*Chair, RFAC, Stat-Math Unit, ISIBC*)

Date: May 19, 2022

Date: