

वृतिका – VRITIKA (TRAINING AND SKILL INTERNSHIP) ON “MODELS IN TOXICOLOGICAL RESEARCH”

**APPLICATIONS
INVITED**

March 22, 2024 – April 21, 2024

Dates are subjected to changed depending with the approval of SERB.

Last date for submission of applications: March 19, 2024

FUNDED BY

Science & Engineering Research Board (SERB), Govt. of India under **Accelerate Vigyan Scheme**

ORGANIZED BY

Jamia Hamdard, New Delhi

WHO CAN APPLY

1. Regular postgraduate (M.Sc.) students of Science (any branch of Life Sciences) who have strong orientation towards research.
2. Programme will be in physical mode (100% attendance is mandatory).
3. Passed out students will not be considered.

‘VRITIKA’ is Scheme of SERB for scientific initiation and practice through training and skill internship. Through this internship, the programme seeks to foster a strong interest in scientific and engineering research as well as providing technical insight into the field of science and engineering.

NATURE OF SUPPORT

1. Candidates will be provided boarding, lodging
2. Outstation candidates will be provided one time on ward and return train ticket fare Shortest route to in 3rd AC/Sleeper class.
3. Stationery and training material will be provided by the Organizers.
4. Interns will be required to bring their laptop.
5. No stipend will be provided.

SELECTION CRITERIA

- Academic achievement in university examinations (CGPA/ percentage of marks)
- Participation in academic/ co-curricular competitions and other awards/distinction

Note: Selected candidates will be notified through e-mail.

Number of Internships: 05

Venue: Department of Medical Elementology & Toxicology, Jamia Hamdard, New Delhi

Coordinator: Prof. S. Raisuddin, HoD

HOW TO APPLY

Apply using Google Form available at <https://forms.gle/qSbaqbRXnpMB4aMUA>



Documents to be submitted

1. Certificates of all educational, professional and skill qualification (scanned copy).
2. Identity card of current educational programme (scanned copy).
3. Endorsement-cum-No Objection Certificate duly approved by the Head of the Department/Institute. (format may found as Annexure – I).
4. The applicant must produce a signed undertaking form (format may found as Annexure – II).
5. A write-up in not more than 2000 characters as to why you are interested in this Training and Skill Internship and how it will be beneficial to your studies and research career?
6. After applying using Google Form, you will also be required to send all documents by the email as a single pdf attachment with the subject line “Application for Training and Skill Internship Program: SERB-VRITIKA” to Dr Shahzad Ahmad at satox@jamiahamdard.ac.in



वृत्तिका – VRITIKA (TRAINING AND SKILL INTERNSHIP)

TRAINING AND INTERNSHIP ON MODELS IN TOXICOLOGICAL RESEARCH

'VRITIKA' is an initiative of the Science & Engineering Research Board (SERB), a statutory body under the Department of Science and Technology (DST), Government of India, established by an Act of the Parliament of India in 2009. VRITIKA aims for initiation and practice in science through Training and Skill Internship. This programme offers opportunities to promising Post-Graduate students from universities and colleges to get exposure and hands-on research skill development experience.

SERB has selected the Department of Medical Elementology & Toxicology, School of Chemical & Life Sciences, Jamia Hamdard as one of the training centres under VRITIKA programme.

About the VRITIKA programme at Jamia Hamdard 2023-24

1. The main goal of the internship programme is to enable students aware of various models utilized for solving research problems as well as their applications in toxicology, both theoretically and practically. The different models that will be highlighted are chicken embryo, cell culture, *Drosophila* and *Caenorhabditis elegans*.
2. Interns will be provided hands-on experience in handling the selected models and will be trained in the concepts leading to extrapolation of data of models in human situations.
3. Interns will also be given training on statistical methods applicable in toxicological research.
4. The Department of Medical Elementology & Toxicology, Jamia Hamdard, New Delhi has adequate expertise and infrastructure for the proposed internship.

Eligibility

1. Regular postgraduate (**M.Sc.**) students of Science (any branch of life sciences) who have strong orientation towards research. **Passed out students will not be considered.**

Other details

1. Only five candidates will be short-listed.
2. Outstation candidates will be provided boarding and lodging free of cost.
3. No stipend will be provided.
4. Stationery and training material will be provided by the Organizers.

Documents to be submitted:

1. Certificates of all educational, professional and skill qualification
2. Identity card of current educational programme
3. Endorsement-cum-No Objection Certificate duly approved by the Head of the Department/Institute.

4. The applicant must produce a signed undertaking form (format may found at the end or downloaded using the QR Code or <https://cdn2.me-qr.com/pdf/21030674.pdf>).



5. A write-up in not more than 2000 characters as to why you are interested in this Training and Skill Internship and how it will be beneficial to your studies and research career?
6. After applying using Google Form, you will also be required to send all documents to by the email as a single pdf attachment with the subject line "Application for Training and Skill Internship Program: SERB-VRITIKA". E-mail: satox@jamiahamdard.ac.in.

Last date of application – 19/03/2024

Selected candidates will be informed about the detailed schedule by e-mail.

Apply here using Google Form - <https://forms.gle/qSbaqbRXnpMB4aMUA>



**ENDORSEMENT/RECOMMENDATION-CUM-NO OBJECTION CERTIFICATE FROM
THE HEAD OF THE DEPARTMENT/INSTITUTE
(on the letter head of the Institution)**

Mr./Ms..... is a regular student (Roll No/Enrolment No.:.....) studying in Semester of the program / course in our University/Institute/College and will assume full responsibility for actively participating in the **“VRITIKA” Training and Skill Internship Program titled “TRAINING AND INTERNSHIP ON MODELS IN TOXICOLOGICAL RESEARCH”** sponsored by SERB under the **Accelerated Vigyan Scheme (Schme – VRITIKA)**, scheduled from 22/03/2024 (subjected to be approved by SERB) for one month at **Jamia Hamdard, New Delhi in the Department of Medical Elementology & Toxicology, School of Chemical & Life Science**. The candidate has secured % marks and/or CGPA/CPI.....till date (If applicable).

There is no disciplinary action against him/her as per our records. Details given by him/her are verified and found correct. This college/institute has no objection for his/her participation in the Training and Skill Internship Program at Jamia Hamdard.

Name & Signature

Head of the Department/Institute

Date:

Place:

Seal of the Department/Institute



SERB- वृतिका – VRITIKA (TRAINING AND SKILL INTERNSHIP)

**TRAINING AND INTERNSHIP ON MODELS IN TOXICOLOGICAL RESEARCH
(March 2024)**

**Department of Medical Elementology & Toxicology
School of Chemical & Life Sciences
JAMIA HAMDARD (DEEMED TO BE UNIVERSITY), NEW DELHI 110062**

Undertaking from the Student Applicant

1. I hereby provide my consent to participate in the Training/Internship entitled “Models in Toxicological Research” organized by the Department of Medical Elementology & Toxicology, Jamia Hamdard, New Delhi scheduled from March 22 to April 21, 2024. My College/University/Institution has endorsed my application and has provided ‘No Objection Certificate’.
2. If selected, I will whole-heartedly attend all the sessions, sincerely with utmost dedication.
3. I shall also be responsible and attentive to involve myself during the discussion/interaction sessions with the faculty.
4. I am aware that it is mandatory to attend all the sessions and compulsorily qualify the course assessment test in order to avail the certification.
5. Any proxy participation in the sessions/examination shall invite immediate cancellation of my candidature and same shall be reported to parent institution.
6. In case hostel accommodation is provided during the training I will abide by the rules of hostel discipline.
7. I agree to abide by any other terms and conditions of Organizing Institution and SERB.

Name of the Applicant: _____

Gender: _____ Age: _____

Name of academic programme enrolled: _____

Year/Semester: _____

Institution/University: _____

Date: _____

Signature of the Applicant

Place: _____