



4. **BRIEF BIO-DATA OF P.I.** (Please attach as per the format given )

5. **BEAM REQUIREMENTS :**

Ion species (with Mass no.)	Energy (keV)		Current ( $\mu$ A)		Charge state (if relevant)
	Min.	Max.	Min.	Max.	

6. **ACCESS-TIME REQUIRED IN HOURS** (with justification)

	Prior to run	After the run
For the Beam Line		
For the Data Acquisition System		

7. **TARGET / SAMPLE DETAILS**

Material	Thickness ( $\mu$ g/cm <sup>2</sup> )	Backing (if any)		Any special property
		Material	Thickness	e.g. Hygroscopic, Toxic etc.

Note :

- 1) Users are requested to bring their targets properly mounted on standard target frames or on standard strip to be fixed on the ladder. Please make sure that no material is to be used which can outgas. Any residual radio-activity associated with the targets after irradiation should be thoroughly checked in consultation with the health physics group at IUAC.
- 2) If targets are to be prepared at IUAC, user must write to Convenor AUC well in advance, to book target laboratory time and prepare the targets himself/herself at IUAC. Consultation will be provided to prepare targets.

8 (a). **TOTAL NUMBER OF SHIFTS REQUIRED FOR COMPLETION OF THE EXPERIMENT (1 SHIFT = 8 HRS.):**

**Note:** Shift allotment will be done only for the first run if the proposal is accepted. For sanctioning of subsequent runs, progress report is to be submitted to AUC following the first run. Subsequent run sanction is subject to AUC review.

8 (b). No. of runs proposed \_\_\_\_\_ No. of shifts proposed in the run \_\_\_\_\_

**OFFLINE / ONLINE/INSITU MEASUREMENTS PLANNED WITH JUSTIFICATION FOR THE BEAM SELECTION AND NO. OF SHIFTS ASKED** (Kindly Justify the requirement of 8(a) & 8 (b) in Annexure I)

9. **SCIENTIFIC MOTIVATION FOR THE BEAM TIME REQUEST:** Kindly limit your description to **maximum of 200 words** of text only. ( Annexure II )

10. **IMPORTANCE OF THE PROPOSED EXPERIMENT IN THE CONTEXT OF INTERNATIONAL STATUS.** Kindly Limit your description to maximum of 200 words only. A list of most recent publications in journal in the field relevant to the project must be submitted. ( Annexure III )

**11(a). Name and Affiliation of the theoretical physicist(s) associated with this proposal ( If any) :**

\_\_\_\_\_

**11(b). Theoretical simulations / calculations in support of the experimental ideas :**  
(Limit to maximum of 100 words only ) (If any)

**12. IF THERE IS A Ph.D STUDENT INVOLVED IN THE EXPERIMENT,  
THE FOLLOWING INFORMATION IS REQUIRED:**

A)Name of the Student \_\_\_\_\_

Research Field \_\_\_\_\_

Has he/she cleared  
NET/GATE

Yes /  
No

Year of clearing NET/Gate  
Score:

Fellowship details

Yes /  
No

Project & Amount

B) Mailing Address \_\_\_\_\_

**Fax:**

**Phone:**

**E-mail:**

C)Ph.D. Registration Details

Date of  
Registration  
Department  
University

D)Ph.D. Supervisor(s)

Name /  
Designation  
Department  
University /  
Institution

Mailing  
Address :  
Fax No.  
Mobile / Phone  
No.

**13.**

**Bio-data of Principal Investigator**

*Name Designation  
Affiliation :*

*Past  
Affiliation(s) :  
If any*

**Contact Nos:**

**E-mail ID:**

*Date of Birth :*

*Category (kindly X the box):*

<b>General</b>	<b>SC</b>	<b>ST</b>	<b>OBC</b>	<b>Others</b>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

*Academic Qualifications :*

*Brief Research  
Experience :*

**List of previous Projects / Beam Times at IUAC (if any) :**

<i>AUC No.</i>	<i>Sanctioned Year/Month</i>	<i>Title</i>	<i>Status: completed or running</i>

**Date**

**Signature ( Student )**

**Signature (Supervisor)**