

**Form No. BTR-2 for Thesis proposals (to be filled by Ph.D Students only)**

**BEAM TIME REQUEST  
FOR THE UTILISATION OF IUAC PELLETRON**

**INTER-UNIVERSITY ACCELERATOR CENTRE  
Accelerator Based Research Centre of UGC**

INFORMATION ABOUT BTR - FORMS	
BTR-1	Beam Time Request for Fresh Proposals
BTR-2	Beam Time Account (BTA) for Thesis Proposals
BTR-3	Request of Funds (along with Beam Time) for Fresh Proposals from Universities
BTR-4	Beam Time Request for Ongoing Proposals

**Note:** Accelerator Users Committee (AUC) allocates highest priority to the Ph.D projects from universities and teaching institutions. Once a Ph.D. thesis proposal is accepted by AUC, a Beam Time Account (BTA) may be opened for the project using this form. The BTA takes care of the beam time requirement for the entire Ph.D work over a period of about 3 years. The actual scheduling of the beam time from the BTA can be made on a rapid scale through a simple process which just requires submission of BTR-4 to the Convenor, AUC (at least six weeks in advance of the proposed run). There is no need to wait for an AUC meeting to get the request for a subsequent run sanctioned.

**Proposal No.**                      A   U   C                  ( to be filled by IUAC )

**Field (Please tick the relevant one)**

Atomic Physics              Materials Science              Nuclear Physics              Radiation Biology              AMS  
Others

**1. Name of the Student**

**Thesis Title**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Research Field**

Has he/she cleared  
NET/GATE

Yes /  
No

**Year of clearing NET/Gate  
Score:**

Fellowship details

Yes /  
No

**Project & Amount**

**2. Mailing Address**

\_\_\_\_\_  
\_\_\_\_\_

**Phone:**

**Mobile no.:**

**Fax:**

**e-mail:**

**Form No. BTR-2 for Thesis proposals (to be filled by Ph.D Students only)**

**3 Ph.D. Registration Details**

Date of  
Registration  
Department

\_\_\_\_\_  
\_\_\_\_\_

University

**4 Ph.D. Supervisor(s)**

Name / Designation

Department

University /  
Institution

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



**8 (A) BEAM LINE TO BE USED** (please tick the appropriate one) :  
 BIO      LIBR      HIRA      MAT.SC.      GDA      GPSC

**8 (B) ACCESS-TIME NEEDED IN HOURS** (with justification)

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

**Form No. BTR-2 for Thesis proposals (to be filled by Ph.D Students only)**

**9. TARGET / SAMPLE DETAILS**

Material	Thickness ( $\mu\text{g}/\text{cm}^2$ )	Backing (if any)		Any special property e.g. hygroscopic, toxic etc.
		Material	Thickness	

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.

**10. COLLABORATORS (including IUAC personnel, Research Scholars) \***

Sr.No	Name	Affiliation	Contact Phone No. & Fax No.	E-Mail Address

\* Names to be included with consent.

Date :

Signature  
Research Scholar

Signature of Supervisor

**E-Mail to :** [academic@iuac.res.in](mailto:academic@iuac.res.in)

**Send hard copy to :** The Convenor, AUC, Inter-University Accelerator Centre,  
 Post Box No.10502, Aruna Asaf Ali Marg, New Delhi 110 067, India  
 [Phone: 26893955 / 26892601, Fax (91-11)-26893666]

*Last date for submission : May 31 for July AUC // Nov. 10 for Dec. AUC*

**Bio-data of Principal Investigator**

**Name  
Designation  
Affiliation :**

**Past  
Affiliation(s) :**

**Date of Birth :**

**Contact No:-**

**E-mail ID:-**

**Category  
(kindly X the  
box):**

General

SC

ST

OBC

Others

**Academic  
Qualifications :**


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

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

**Brief  
Research  
Experiences :**

*Signature of PI*

**11. Brief summary of all the projects ( Completed / Continuing ) by using IUAC facilities.**



(Additional sheet may be added, if required.)

Signature of PI