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|  | FORM NO. 004For university users not yet covered under the Collaborative Research Scheme but need support for the experiments at IOP |
| **UGC-DAE CONSORTIUM FOR SCIENTIFIC RESEARCH****KOLKATA CENTRE**Beam Time Request from University Users for Experiments at theInstitute of Physics, Bhubaneshwar |
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| 1. Title of the Research Proposal   |
| 2. Principal Investigator  |
|  | Name |  |
|  | Institute/University |  |
|  | Address |  |
|  | Tel, Fax, E-mail |  |
| 3. Co-Investigators |
|  | Name |  |
|  | Institute/University |  |
|  | Address |  |
|  | Tel, Fax, E-mail |  |
|  | Name |  |
|  | Institute/University |  |
|  | Address |  |
|  | Tel, Fax, E-mail |  |
| 4. How many Collaborators will be participating in the experiment |
| 5. Tick the Beam Line you wish to use |
| 1. RBS/Channeling/PIXE (-45 deg)
2. AMS (-15 deg)
3. Nuclear Physics (0 deg)
 | 1. Implantation (+15 deg)
2. Surface Science (+30 deg)
3. Micro PIXE (+45 deg)
 |
| 6. Beam Requirement |
| Ion Species |  | Energy  |  | Current |  | Charge State |  |
| 7. | Research Proposal (please submit the description under following sections) : 1. Title of the Experiment
2. Brief aim of the Experiment
3. Scientific Justification
4. Experimental Methodology
5. No. of shifts of beam time needed (one shift = 8 hours) with the justification
6. List of recent references related to the research proposed
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| 9. | Justification for choosing the Pelletron Facility at IOP (Attach a separate sheet; Write up should not be more than 1/2 page) |
| 10. | Have you used the IOP Pelletron facility before: YES/NO |
|  | If YES, please mention the dates and give the following information:  |
|  |  i. Progress of earlier projects at IOP (Use separate sheet) ii. Publications using IOP pelletron (Use separate sheet)  |
|  |  |
| 11. | Travel and Stay at IOPFinancial Assistance for travel and stay required: YES/NO(the travel support is limited to AC 2 tier depending upon the eligibility) |
|  | No | Name | Designation/ Affiliation | Accommodation needed(give period of stay) |
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| 12. | Whether you need to make use of facilities at UGC-DAE CSR, Kolkata Centre: Yes/NoIf yes, please briefly mention the work to be done using the UGC-DAE CSR, KC facilities and please contact us in case a visit to UGC-DAE CSR, Kolkata Centre is needed.(see the annexure I : List of Facilities available at UGC-DAE CSR, KC) |
| 13. | **Collaborators from UGC-DAE CSR, KC, if any**  |
| Signature of Principal Investigator |
| Please mail the duly completed form to :Dr. M. Sudarshan**UGC-DAE CSR, Kolkata Centre**, III/LB-8, Bidhan Nagar, Kolkata 700 098Tel: 91-33-3356541/ 3358035 /3351866; Fax: 91-33-3357008/6543; e-mail: sude@alpha.iuc.res.inYou may also contact Dr A Saha, Centre Director, **UGC-DAE CSR, Kolkata Centre** (abhijit@alpha..iuc.res.in) in case of any clarifications or any specific help. |