



गुरु घासीदास विश्वविद्यालय, बिलासपुर (छ०ग०)

GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR (CG)

(A Central University established by the central University Act. 2009 No. 25 of 2009)

No. 26/Dev/2021

Bilaspur, Dated: 30/06/2021

To,

The Director
Inter University Accelerator Centre (IUAC)
Aruna Asaf Ali Marg,
New Delhi - 110 057

Sub: Tripartite Memorandum of Understanding (MoU) between Guru Ghasidas Vishwavidyalaya (GGV), Inter University Accelerator Centre (IUAC) and University Grants Commission (UGC) - submission of revised signed MoU.

Ref: Your email dated 11 May, 2020.

Sir,

With reference to your email on the subject mentioned above, please find attached herewith the Tripartite Memorandum of Understanding (MoU) to be signed among Guru Ghasidas Vishwavidyalaya, Bilaspur, Inter University Accelerator Centre (IUAC) and University Grants Commission (UGC), New Delhi, has been approved by the university with certain modifications.

The signed copy of the revised MoU is being submitted to you for kind consideration and perusal. Please do the needful at your end.

Thanking you,

By Order,

Registrar (Acting)

Encl: As stated above.

Copy to:

1. The Secretary to the Vice-Chancellor for information to the Hon'ble Vice Chancellor.
2. The In-charge Centre & Head, Department of Pure & Applied Physics for information and necessary action.
3. Office Copy.

OSD (Dev.)

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8 Memorandum of Understanding between University, IUAC and UGC

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TRIPARTITE MEMORANDUM OF UNDERSTANDING (MoU)
BETWEEN
HOST UNIVERSITY, IUAC AND UGC

1. Purpose

To facilitate optimal utilization of the National Centre for Accelerator Based Research (3 MV High Current Pelletron) facility established at Department of Pure & Applied Physics, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.) 495009 with financial support from the Government of India and University Grants Commission and Department of Atomic Energy as a National Facility by users across the country in partnership with the Inter-University Accelerator Centre, New Delhi under the guidance and oversight of the University Grants Commission (UGC), New Delhi.

2. Name of the Facility

The National Centre for Accelerator Based Research (3 MV High Current Pelletron) facility established at Department of Pure & Applied Physics, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.) 495009 will, upon signing of this MoU, be called "Joint Guru Ghasidas Vishwavidyalaya -IUAC Ion Beam Centre", henceforth called IBC in this document.


3. Management Structure

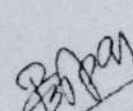
There shall be a Management Committee for the IBC.

3.1 The composition of the Management Committee shall be as follows:

1. Vice-Chancellor of the University, *ex officio* (co-Chair)
2. Director, IUAC, New Delhi, *ex officio* (co-Chair)
3. Up to 3 Heads of User Departments from the University including the Department of Pure & Applied Physics where it is established (other two Heads by yearly rotation based in alphabetical order of the User Departments) (Members)
4. 1 Senior scientist of IUAC (Member)
5. Up to 2 Scientist Nominees of UGC from among the users from institutions other than the University (Members)
6. Official of UGC nominated by UGC (Member)
7. Director/Head/In-charge of the IBC (Member-Secretary)
8. Dean of School of Physical Science (Member)
9. One regular member from the Department of Pure & Applied Physics (where the facility is established) (Member)

3.2 The Terms of Reference of the Management Committee shall be as follows:



30/05/2024
Registrar (Acad.)
Guru Ghasidas Vishwavidyalaya
Central University
Bilaspur (C.G.) 495009 India

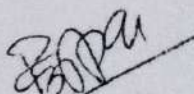

Centre In-Charge Cum Program Co-ordinator
National Centre for Accelerator Based Research
Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

- i. The tenure of the Management Committee will be 5 years, or the term of validity of this MoU, whichever is earlier.
- ii. The Management Committee shall take all necessary decisions – scientific, technical, administrative, financial and of any other relevant kind – regarding the functioning of the IBC so that it is optimally used by users from the University and elsewhere. The decisions of the Management Committee shall be final in respect of the functioning of the IBC. The Management Committee may form necessary guidelines, subject to the stipulations of this MoU, for facilitating different aspects of functioning of the IBC.
- iii. The Management Committee shall meet at least once a year, preferably at a time that would facilitate financial planning for the next year. In addition, meeting/s of the Management Committee may be called with the consent of both the co-chairs at any time.
- iv. Presence of 5 members of the Management Committee shall form a quorum for a meeting.
- v. The Management Committee shall make all possible efforts to reach decisions by consensus. However, if consensus eludes despite best efforts, majority decision shall prevail.

4. Financial Arrangements

- 4.1 There shall be no fund flow from IUAC to the University and *vice versa*.
- 4.2 The Management Committee, at an appropriate time during the year, shall work out the budget for the IBC.
- 4.3 The University shall make funds available for the upkeep of the civil and other physical infrastructure, guest house facilities etc. and the University staff working at the IBC from its own resources. The University shall follow its own norms and procedures for this.
- 4.4 IUAC, from funds made available by UGC within its budget, shall make funds available for utilities, essential spares and consumables, repair of the machine and repair/replacement of associated essential accessories and reasonable and modest incremental upgrade of the facility. These items will be procured by IUAC and loaned to the University. IUAC shall also bear the manpower cost of its staff posted at the IBC. IUAC will also make funds available for supporting users from other universities/institutions for travel and stay at IBC in case their projects are assigned beam time after peer review.
- 4.5 Various users of the facility, from the University and outside, will be encouraged to bring their own institutional/project funds for carrying out experiments at the IBC.
- 4.6 Any major upgrade of the facility will be treated as a new joint project from the University and IUAC and may be submitted for funding to the UGC. UGC may decide to fund the project, either on its own or in collaboration with other funding agencies like DAE, DST etc.


Registrar (Acting)
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 Centre In-Charge Curv Program Coordinator
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 National Centre for Accelerator Based Research
 गुरु घासीदास विश्वविद्यालय, बिलासपुर (छ.ग.)
 Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

97 4.7 At the conclusion of this MoU, IUAC would transfer the assets procured from its resources
98 to the university and provided to the University earlier as per Government norms and
99 procedures.
100

101 5. Manpower Arrangements
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103 5.1 The IBC shall have at least 2 Full-time Scientists specializing in accelerators or accelerator-
104 based science and technology. 2 Full-time technical support staff and 1 Full-time Radiation
105 Safety Officer at all times. They will constitute the "Core Staff" of the IBC.
106

107 5.2 It will be primarily the responsibility of the University to make the "Core Staff" available for
108 the IBC.
109

110 5.3 In case the University is not able to readily provide the "Core Staff" for any reason, IUAC
111 shall post its staff at the IBC pending appointment of such staff by the University. UGC shall
112 grant some additional posts to IUAC for such purposes.
113

114 5.4 All University staff working at IBC, "Core Staff" or otherwise, shall be hired by the
115 University following its norms and procedures with the addition of an IUAC nominee on the
116 Selection Committee constituted for hiring such staff. Such staff shall be governed by the
117 service conditions of the University and shall be paid by the University.
118

119 5.5 All IUAC staff at IBC, "Core Staff" or otherwise, shall be hired by IUAC following its
120 norms and procedures with the addition of a nominee from one of the IBCs on the Selection
121 Committee constituted for hiring such staff. Such staff shall be governed by the service
122 conditions of IUAC and shall be paid by IUAC.
123

124 5.6 All IUAC Staff posted at the IBC shall be under the local administrative control of the
125 Director/Head/In-charge, IBC and the Vice-Chancellor of the University/co-Chair of the
126 Management Committee. The Management Committee shall lay down guidelines for the
127 roles and responsibilities of the staff working in the IBC.
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129 5.7 Director/Head/In-Charge of the IBC
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131 5.7.1 The Director/Head/In-Charge of the IBC shall be appointed by a Committee co-chaired
132 by the Vice-Chancellor of the University and Director, IUAC, and having 2 experts as
133 Members, one each nominated by the Vice-Chancellor and Director, IUAC and an
134 Official Nominee of the UGC.
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136 5.7.2 The Director/Head/In-Charge of the IBC shall be filled by transfer/posting.
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138 5.7.3 While selecting the Director/Head/In-Charge of the IBC by transfer/posting, preference
139 will be given to a University Faculty Member having expertise in accelerators or
140 accelerator-based R&D. In case such a person is not available, the post will be filled by
141 posting of an IUAC scientist till the University appoints a suitable faculty member.
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143 5.7.4 The Director/Head/In-Charge of the IBC shall be responsible for smooth and efficient
144 functioning of IBC as per the directions of the Management Committee.
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146 6. Beam-time Allocation


30/06/21
Anil Kumar (Asst. Dir.)
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(A Central University)
Bilaspur (C.G.) - 495 015 India


अध्यक्ष प्रोग्राम एवं प्रोग्राम को-ऑर्डिनेटर
Centre In-Charge Cum Program Co-ordinator
राष्ट्रीय स्तरक आधारित शोध केन्द्र
National Centre for Accelerator Based Research
गुरु घसीदास विश्वविद्यालय, बिलासपुर (उ.प्र.)
Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

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148 6.1 IUAC, through its website and also through the websites of the University, shall invite
149 scientific proposals for beam-time allocation in the format designed for beam-time allocation
150 at IUAC accelerators and facilities; 60% of the beam time available with IUAC.

151

152 6.2 The proposals shall be evaluated by the IUAC National Users Committee for beam-time
153 allocation at the IBC. Memberships and Terms of Reference of the IUAC National Users
154 Committee may be suitably amended to allow for consideration of proposals for beam-time
155 allocation at the IBC.

156 6.3 40% beam time will be allotted by the IBC to the internal users for which proposals will be
157 invited internally. However, these proposals will be evaluated by the IUAC National users
158 committee. The beam time if remains unutilized shall be distributed by the committee to
159 national users.

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161 7. Academic Programme/s at the IBC

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163 The IBC may design appropriate post-graduate degree programmes and training programmes on
164 accelerators and accelerator-based science and technology around the facilities available at the
165 IBC. The same may be offered after approval by the Management Committee.

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167 8. Performance Monitoring of the IBC

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169 8.1 The Management Committee shall monitor the performance of the IBC at least once every
170 year and take corrective steps, as necessary, to improve the functioning of the IBC.

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172 8.2 The Management Committee shall evolve quantitative criteria for monitoring the
173 performance of the IBC. Apart from other criteria, it shall include the following parameters:
174 (i) up-time of the machine and associated facilities; (ii) number of users from the University;
175 (iii) number of users from other institutions in the country; (iv) number of papers published
176 in refereed journals; (v) number of PhDs produced based on work done at the IBC; (vi)
177 number of training programmes conducted; (vii) number of technical personnel trained as a
178 result of training programmes; (viii) number of special degree courses run based on the
179 facility; (ix) number of students produced through special degree courses.

180

181 8.3 If, at any time, the Management Committee is convinced that the Director/Head/In-Charge of
182 the IBC has not been able to provide effective leadership for efficient functioning of the IBC,
183 The management committee may appoint another person as the Director/Head/In-Charge of
184 the IBC, after approval of executive council of the University and UGC as per the provisions
185 for the appointment of Director/Head/In-Charge of the IBC mentioned in the MoU.

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187 9. Changes in this MOU


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189 9.1 The terms and conditions of this MoU may be modified and/or changed with the
190 recommendations of the Management Committee and with formal agreement of the three
191 Parties.

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193 9.2 The modifications in the MoU shall come into effect prospectively and shall not invalidate
194 the decisions taken earlier within the provisions of the MOU at that time.

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30/06/2024
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Bilaspur (C.G.) 495 009 India


केन्द्र प्रभारी सह प्रोग्राम् समन्वयक
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Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

196 10. Validity of this MoU

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10.1 This MoU shall be valid for a period of five years from the date of signing by all the three Parties.

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10.2 This MoU may be renewed for a further period of five years with the consent of all the Parties.

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10.3 This MoU may be withdrawn in case the University and/or IUAC express the intent of doing so in writing 6 months in advance, and with the consent of the UGC. In such a situation, UGC shall decide the appropriate date for abrogation of this MoU after assessing the time required for completing the closure formalities by the University and IUAC.

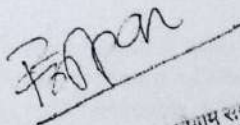
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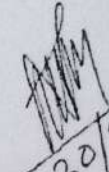
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30/06/2021

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