



ASSOCIATION OF
INDIAN UNIVERSITIES

ANVESHAN 2023

Central Zonal Student Research Convention



February 2-3, 2024

Hosted By

GURU GHASIDAS VISHWAVIDYALAYA
(A CENTRAL UNIVERSITY)
BILASPUR, CHHATTISGARH



Prof. Harit Jha
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Organizing Committee



Chief Patron

Prof. Alok Kumar Chakrawal
Hon'ble Vice-Chancellor
Guru Ghasidas Vishwavidyalaya, Bilaspur



Patron

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Registrar
Guru Ghasidas Vishwavidyalaya, Bilaspur

Anveshan Convenor

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Joint Director & Head
Research Division, AIU, New Delhi



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Co-Coordinator

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Assistant Professor, IPE
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About Association of Indian Universities

Association of Indian Universities (AIU), is one of the premier apex higher education institutions of the Country established in 1925. It is a research-based policy advice institution to the Government of India in the field of Higher Education, Sports, and Culture. Since its inception, it has been playing a vital role in shaping Indian higher education. Most importantly, AIU is vested with the power of according equivalence to Degrees/Qualifications offered by the universities across the world with those offered in India. AIU has also been mandated by the Department of School Education, Ministry of Education, Government of India to accord equivalence to the Indian Boards for the Secondary/Senior Secondary Examination vide Gazette Notification. AIU is a think tank body with the responsibility of undertaking academic activities such as: conducting Research Studies in higher education; acting as the bureau of information on higher education; liaising with international bodies and universities for the internationalization of Indian higher education among many others. AIU conducts inter-university sports and cultural events at national and international levels. As a National Sports Promotion Organization (NSPO) it promotes sports among Member-Universities and maintains the standards in sports. Being an apex advisory institution, it constitutes an integral part of all major decision-making committees and commissions in the country. As a representative body of Indian universities, it facilitates cooperation and coordination among Indian universities and liaises between the universities and the Government (Central as well as the State Governments) and also National and International bodies of higher education in other countries in matters of common interest. Whereas all the Indian universities benefit from its contribution, at present it has a membership of about 981 universities including 16 overseas universities from other countries viz. Bhutan, UAE, Mauritius, Malaysia Nepal, as Associate Members. Some of the legends among many, who served AIU as its Presidents are Dr. Sarvepalli Radhakrishnan, Dr Zakir Hussain, Dr. Syama Prasad Mukherjee, Dr. K L Shrimali and Shri A. L Mudaliar.

About Guru Ghasidas Vishwavidyalaya

Guru Ghasidas Vishwavidyalaya (GGV) is a Central University, situated in Bilaspur in Chhattisgarh State, established under the Central Universities Act 2009. Formerly it was known as Guru Ghasidas University (GGU), established by an act of the State Legislative Assembly, on June 16, 1983. GGV is an active member of the Association of Indian Universities and Association of Commonwealth Universities. It is situated in a socially and economically challenged area of Chhattisgarh State. the university is appropriately named to honor the great Satnami Saint Guru Ghasidas (born in 17th century), who championed the cause of the downtrodden and waged a relentless struggle against all forms of social evils and injustice prevailing in the society. The University is a residential Institution. GGV offers various courses in the areas of Arts, Commerce, Education, Engineering & Technology, Humanities, Law, Life Sciences, Management, Pharmacy, Physical Education, Physical Sciences & Social Sciences. GGV has about 9000 students from different parts of the country. The campus is lush green, calm and quiet and free from urban noise and pollution, an ideal temple for education and research. Swabhiman Thali, GGV Shravan Line (GSL) are some of the initiative taken by University for social welfare.



Anveshan: Student Research Convention

The enthusiasm, creativity, and innovation are some of the inherent endowments bestowed upon humans, and they are the keys to life transformation. These factors, when represented in the form of study, create new boundaries of knowledge, which is beneficial to all types of progress. Perhaps this is the purpose for the research. Universities/institutions of higher learning have been recognized as doing one of their basic duties with utmost care. India's notable success in information technology, energy, and space, among other areas, is the result of our intellectual resources and constant effort. India is positioned to become the future global knowledge hub since it is currently developing a solid core of knowledge workers in tertiary and scientific and technical education, and its economy and industrial sector are seeing unprecedented expansion. The onus, however, falls primarily on our higher education system, notably our institutions. However, research has recently become a secondary component in the operation of universities. Resource restrictions, a lack of commitment, a lack of appropriate incentives, and other factors are impeding the quality of research in our higher education institutions.

In order to instill a research culture in our higher education institutions, the Research Division of the Association of Indian Universities has taken the lead in organizing Student Research Conventions for prospective researchers around the country. These Conventions seek to find new and emerging talents who will be developed through appropriate support and incentives. In addition, efforts will be made to commercialize their research projects through industrial collaboration. The effort may hasten scientific research and innovation, as well as their application to community development at the grassroots level. **Anveshan: The Student Research Convention** was praised across the country for offering an innovative forum for students and inspiring a great deal of passion among the country's young and emerging researchers. This convention will definitely transform the research and innovation in India specially among the college students by engaging them in associative learning.

Objectives

- To identify young talents with research aptitude and interest to take up research as career option.
- To promote the talent in research throughout the country.
- To nurture the talent through specialized training and education in some of the nationally and internationally reputed premier institutions of higher learning in the country.
- To augment financial and physical resources through collaboration with different sponsors for supporting education and training of the young researchers.
- To provide proper incentives to enhance the skill of potential students.
- To inculcate an intensive and rigorous research culture in a selected group of institutions.
- To promote collaboration & Networking at National & International level.
- To promote interdisciplinary and multi-disciplinary research



Areas/Fields/Categories

The areas/fields/ categories in which Projects (Individual and collaborative Projects*) are invited:

1. Agriculture
2. Basic Sciences
3. Engineering & Technology
4. Health Sciences and Allied Subjects, Pharmacy, Nutrition, etc.
5. Social Sciences, Humanities, Commerce and Law
6. Interdisciplinary Research Projects

*In the case of a collaborative project, a maximum of four members [one lead presenter and up to three major contributors] are allowed to participate in the zonal / International convention. For the Zonal Anveshan competition, the students have to apply online on the portal either individually or as a team for collaborative projects. For Collaboration, following three types of teams shall be allowed:

- Teams of students from Indian and foreign universities
- Teams of Indian and foreign students studying in India
- Teams of Indian students.

The students need to register directly in the portal, but the project will be accepted for zonal competition, only if it is endorsed on the portal by the Anveshan coordinator of the respective university.

Type of Project

- Projects in the above mentioned areas must be original and must have undergone some exploration/ground work in order to show its feasibility and impact.

Procedure

- The duration of the central zonal convention will be Two days.
- The convention will be held in three phases.
 - i) In the First Phase, all universities in the country will be requested to organize a competition/exhibition of research projects at University level in which students from Affiliated/Constituent Colleges, Research Institutions and University Departments will be invited to participate. The exhibited projects will be scrutinized by a team of experts nominated by the university in the respective areas. One best Project in each area/field (total Six) to be selected and sent by the University to the Zonal Level Convention.
 - ii) In the Second Phase, the exhibition will be held at Zonal level. The Zonal Level Convention starts with a Poster presentation followed by podium presentation of the projects. The Research projects will be assessed by a panel of three experts in each area/field. From each zone best 18 projects (1st, 2nd and 3rd in each of the 06 categories) will be selected and be given entry to compete at the International level.



iii) In the Third Phase, competition/exhibition will be held at International level. The Association of Indian Universities will call for successful projects, selected through the zonal competition, for International level competition. A total of 90 selected projects will be displayed for assessment at the International Level. The International Students who could not participate at the Zonal Level will be given Wild Card Entry to directly participate at the International Level. Three projects (1st, 2nd, and 3rd in each category) will be finally selected for Award/Incentive.

iv) The Best Project across all six categories adjudged by the experts (in all areas/fields) in consensus shall be awarded Prof S K Mukherjee Gold Medal.

Number of Projects from each University:

- Each university is allowed to send a maximum number of Six projects for the zonal level Student Research Convention, preferably one each from each category. For avoid any confusion, any cross-university team (i.e. a project team comprising students from more than one University in a zone) will need to nominate a “Lead University” and will be included in the list of teams from the nominated Lead University.
- In case, any universities/institutes do not offer courses/programs in all Six categories/areas/fields mentioned they can send a total of six projects from whichever category/area/field they have amongst the above-specified areas/fields. For example: an Agricultural University may send Five projects under different sub-fields of Agriculture category.
- The selected projects duly approved by the respective University Coordinator must be registered online at <https://projectset.com/anveshan> on or before November 15, 2023.
- The projects will be assessed by a panel of experts drawn from various disciplines on the basis of laid down criteria for assessment. The students whose projects will be selected in the final stage at International Convention will be promoted though proper incentives for career development in research.

Criteria for assesment of Projects

All the projects will be assessed based on the following criteria. Each criterion is assigned some weightage. The final selection of projects will be based on the cumulative weightage given on all criteria.

Criteria and Weightage:

- Scientific Thoughts and Principles 20
- Relevance 10
- Creativity/Novelty 20
- Cost Effectiveness 10
- Thoroughness 10
- Teamwork 20
- Skill 10



Apart from the above criteria, the Scope of Commercialization of the projects will be considered as an additional merit. However, there will be no weightage point for this criterion. In the case of the projects having scored equal cumulative weightage point, this criterion will be considered for making the final decision.

Eligibility for Participation

Entries of the research projects will be purely INSTITUTIONAL and only BONAFIDE fulltime Students/Research Scholars from Undergraduate to Doctoral Degree level are eligible to take part in the convention. Those who are below 30 years of age are only eligible to take part in the Convention.

Entry/Registration Fee for Zonal Level Convention

Registration fee - Rs. 500/- (per Student)

Last date for Registration - 25th Jan/ 2024

The entry fee for the zonal-level competition can be paid online in favor of the Host University through NEFT/IMPS/UPI. The account details are provided below. Proof of payment should be uploaded during registration. There is no registration fee for the international-level convention.

Account Details for Registration Fee

Amount to be paid (Rs. 500 X Total Number of Participants)

Account Holder Name: REG GURU GHASIDAS UNI BILASPUR

Bank Name: STATE BANK OF INDIA

Account Number: 37137162271

IFSC: SBIN0018879

MICR: 495002034

Account Type: CURRENT A/C

Branch Name: LODHIPARA, KONI, BILASPUR (C.G.)

After Payment fill out the Google form and upload payment proof i.e. screenshot

<https://forms.gle/pR4TXwepbdA6p5oh6>

Awards and Incentives

Winners of the International Student Research Convention will receive cash prizes, certificates, and mementos. Cash prize for the winners of each category First Winner Second Winner Third Winner Rs. 75000/- Rs. 50000/- Rs. 25000/- Additionally, the Best Project across all six categories, as determined by a consensus among experts from various fields, will be honored with the prestigious Prof S K Mukherjee Gold Medal.

Boarding and Lodging

At zonal level, the host university will make the arrangement for Accommodation, Breakfast, Lunch and Dinner and Session Tea (twice) for for the participants including their escorts without any charge during the two days of the event. Those requiring such facilities may contact the Coordinator of the host university



Guidelines for the Participants

1. Projects should be original and based on new/innovative ideas and must have undergone some exploration and groundwork to prove its feasibility and show impact.
2. The Projects are invited in six Categories/areas – i) Agriculture, ii) Basic Sciences, iii) Engineering & Technology, iv) Health Sciences and Allied Subjects, Pharmacy, Nutrition, etc. v) Social Sciences, Humanities, Commerce and Law, v) Interdisciplinary Research.
3. In the case of a Group project, only four members (the principal investigator and three major contributors) are allowed to participate in the zonal/ International convention. But only one member will be allowed for presentation. The Group is to inform in advance about the Lead Presenter.
4. Entries of the research projects will be purely INSTITUTIONAL and only BONAFIDE fulltime Students/Research Scholars from Undergraduate to Doctoral Degree level are eligible to take part in the convention.
5. Entry Fee - Rs. 500/- (per student). The entry fee for zonal level competition can be paid online through IMPS/NEFT/ UPI to Host University and the selected projects duly approved by the respective University Coordinator must be registered online at <https://projectset.com/anveshan> on or before November 15, 2023. There is no registration fee for International level convention.
6. Registration is compulsory for all participants. The entries for projects in the convention will be accepted only if approved by the respective University Coordinator.
7. The Projects can be presented in the form of live demonstrations/models/posters/podium (oral) presentation in any aforementioned areas/fields.
8. Each university is allowed to send a maximum number of six projects for the Zonal level Student Research Convention.
9. The duration of the convention will not exceed a maximum of three days.
10. The projects will be presented in two rounds. In the first round the participants will display their projects in poster presentations before a panel of judges. If selected in the first round, the project will be allowed for podium and oral presentation before the panel of Judges in the second round. The Specifications of Poster presentation are as follows: a. The Length and Width of the Poster should be 1 m X 1 m. b. The Poster shall NOT have any identification mark and logo such as name of the student/presenter, affiliating institutions, names of supervisor/mentors, etc. c. The Poster shall be clear mention of the problem statement, objective (s), methodology employed, a brief summary of major findings.



11. The host university will provide the required infrastructural facilities like Display/Mounting Boards, space for display, LCD/overhead projector, etc., required for presentation. In case any special assistance is required the participants may request the Coordinator of the host university for the same at least three days before the Convention starts.
12. The total time allowed for oral/podium presentation is 10 minutes. Seven Minutes for presentation and Three Minutes for question-answer. Anveshan 2023
13. The host University will provide accommodation, Breakfast, working lunch, and dinner to the participants and their team members free of cost.
14. Certification of Participation and mementos with endorsement of both AIU and the Host University will be issued to all the participants.
15. Unless extraordinary circumstance warrants the results of the competitions will be declared on the last day of the Convention preferably in the valediction.
16. The dates and venues for Zonal and International Conventions will be announced in due course. All participants should monitor announcements in the online portal for updates.
17. Winning Projects will be invited to International Student Research Conventions as per the schedule decided by the Association of Indian Universities.
18. Winners in the International Student Research Convention will be awarded Cash Prizes along with Certificates and Mementos. The amount of Cash Prize for first position holders is Rs 75,000, second Position Rs. 50,000 and third position Rs 25,000. One best project will be selected across all the Six categories which will be awarded a Gold Medal along with the cash Prize and certificate.
19. All these rules shall be strictly adhered to by the students failing which the participant shall be disqualified and debarred from participation in the Convention.
20. The decision of judges will be final and binding on all participants.
21. In case of any dispute relating to the selection and assessment of Projects the appellate authority is the Secretary-General, AIU.



How to Reach Bilaspur, Chhattisgarh

BY FLIGHT

The nearest airport from Bilaspur is Bilasa Devikewat Airport (Chakarbhatha) Bilaspur which is located at a distance of 12 km from Bilaspur city. It is well connected to major cities like Delhi, Bhopal, Jabalpur and Prayagraj.

Swami Vivekananda Airport Raipur which is located in Raipur, 130 km away from Bilaspur. It is well connected to major cities like Bhopal, Indore, Delhi, Kolkata and Mumbai etc.

BY TRAIN

Bilaspur is well connected to other major cities Ahmedabad, Amritsar, Bhopal, Chattisgarh, Chennai, Delhi, Haridwar, Indore, Kolkata, Mumbai, Nagpur, Patna, Pune, Rourkela, Tirunelveli and Vishakapatnam by regular trains. Railway Station(s): Bilaspur Junction (BSP)

BY BUS

You can easily get regular buses to Bilaspur from other major cities of the country. Bus Station(s): Bilaspur.

For any further queries, feel free to contact,
Prof. Harit Jha
Central Zone Coordinator
Mob. No. 6263627667

Dr. Ganesh Shukla
Co-Coordinator
Mob. No. 8889254445

Address of Host University
Guru Ghasidas Vishwavidyalaya
Koni, Bilaspur, Chhattisgarh, 495689

Address of AIU
AIU House 16, Comrade Indrajit gupta Marg,
Opposite National Bal Bhawan, Near I.T.O.,
New Delhi, Delhi, 11 000

