



MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MoU) is entered into this September 27, day of 2022.

BETWEEN

Government College, Sanjauli, Shimla College enjoys the distinct position of being the first Degree College to have been set up in Shimla on July 1, 1969. In a pilot project of the HP State government to establish Centres of Excellence in some of the districts, this was the first and only college to be given the status/title with effect from 12th January, 2006. Incidentally, this structure has been declared a “heritage building” by the Archeological Survey of India. The college has been making rapid strides in the field of education which is implicit from the fact that it now offers ten programmes; B.A., B.Com., B.Sc. (life sciences), B.Sc.(physical sciences), BCA, BBA, BVoc, PGDCA, PG English and PG Hindi. The college has undergone two cycles of assessment by the NAAC and is currently graded as a B+ institution. (hereinafter referred to as **COE Department of Zoology Govt. Degree College, Shimla**) of the one part.

AND

St. Bede’s College is a pioneer in the field of women’s education. It is a minority institute of great repute in Himachal Pradesh. The college presents a series of orchestrated efforts on the academic and co- curricular fronts. It is the only college in Himachal Pradesh to be *Re-Accredited ‘A+’ Grade by UGC NAAC. The college has also been selected as the Centre with Potential for Excellence, was selected for Star College status in life sciences by UGC and recently given the Heritage Status by UGC.* St. Bede’s started as Training Institute for Teachers in 1904.

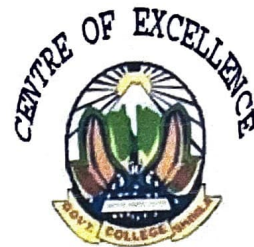
It is a college which is entirely for women and has carved a niche for itself. The college aims at higher education and training of young women to fit them to fulfil their obligation in their homes and society irrespective of caste and creed. *The college stands for academic excellence, development of skills and character formation.* St. Bede’s



College, the oldest institution of its kind in the state of Himachal Pradesh, celebrated its 100 years of fruitful existence in 2003.

St. Bede's welcomes students of all religions. We live, work and pray together as a family. We know that it is possible to work together for common goals and we are enriched by such an experience. Together we strive to work for change in society, translating our vision into reality (hereinafter referred to as **SBC, Department of Zoology, Shimla**) of the other part

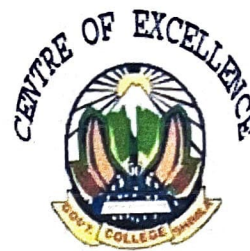
Whereas COE Department of Zoology Govt. Degree College, Sanjauli- The Department of Zoology was established in the year 1970. The Department of Zoology is a constituent entity of faculty of science of Govt college Sanjauli. Since its inception in 1970 it has been foremost centre for learning in all aspects of animal sciences. Department of Zoology organises zoological excursions and study tours at different places for studying living animals, their behaviour. All faculty members have excellent academic credentials with teaching and research experience. The faculty is always available to guide and council the students and remain friendly and accessible. Special coaching is given to the students for different entrance examinations they are supposed to appear after graduation. Departmental library is also available with reference books. Department of Zoology has one well equipped library and a museum with preserved animals belonging to all the invertebrate and vertebrate phyla. Department has its own interactive board with the help of which teachers are able to show live demonstrations of many experiments to the students in better way. Students of Department of Zoology have done Faunal Survey in and around the campus of Govt. College Sanjauli and showed interest in identifying the animals and classify them. Objectives of Department of Zoology aims to achieve excellence in teaching, research and extension education in the field of Zoology, to offer modular course of associated seminars, research projects and practical classes, supported by supervision of the faculty, to promote training in practical and conceptual skills in sub disciplines like apiculture, sericulture, aquaculture, pisciculture, to promote students for self-employment through biofertilisers and Vermiculture. Different facilities available in department are Oven, microscopes, electronic balances, models, charts, permanent slides, autoclave, calorimeter. The department is equipped with the advanced technical aids like interactive board, two



desktop computers with internet facility. Department has organised one day syllabus workshop. Support staff includes two Lab assistants and a peon. Many brain storming sessions are organised for the students after regular classes ,department has introduced a Learning by teaching method for the students where we allow learners to prepare ppts and teach the lessons to their fellow students, here the role of the teacher is that of a facilitator, Students are assigned different topics from the syllabus and they present in front of the class and being marked by the teacher. Occasionally the zoology students organise health camps for the teaching and nonteaching staff and as well as for the students and check their blood groups, blood pressure, sugar ,weight, BMI and counsel them about the diabetes and other life style diseases.

Whereas SBC Department of Zoology, Shimla – Innovation in science education runs in the Department of Zoology. The department of zoology was established in the year 1975. The Department has established a club named “*Zoo Quest*” to satisfy and elevate the need of scientific inquiry among the students. *Zoo Quest* organizes several academic activities such as lectures by esteemed scientists, debates, quizzes and visits to various institutions. Department also publishes its annual newsletter “*Zoology Buzz*” which incorporates creatively written articles from students and teachers. The department helps to train students to respond to the global challenges and the needs of the Indian society in particular, through education in the areas of General Biology, Invertebrate and Vertebrate Zoology; Animal Developmental Biology, Genetics, Evolutionary biology, Reproductive Biology and General Physiology. Recognizing the essential roles of science and biology in the lives of citizens today and tomorrow, we emphasize biological literacy in our teaching and outreach programs.

Integrated teaching learning process is the heart of the department. Versatility in teaching-learning strategies is always adopted with free hands with the aim of shaping up valued personalities. Active learning strategies such as tutorial classes, group discussions, book reviews, e-assignments, presentations and seminars are emphasized. Learning in the field is accomplished through regular educational excursions specially for the skill enhancement courses in zoology like apiculture, sericulture and aquaculture



which gives an insight to students regarding various career options through zoology. Scientific talks with eminent scientists are organized for reinforcement of students. The college has both residential as well as day scholars. For jointly undertaking this type of co-operation between the two colleges will focus on areas of common interest with the following terms and conditions as applicable to both **COE Department of Zoology, Govt. Degree College Sanjauli** and **SBC Department of Zoology, Shimla** are agreed upon.

Now this Memorandum of Understanding witness that:

1. **SBC Department of Zoology, Shimla** shall request HOD, COE Department of Zoology, Sanjauli, Shimla for
Student Exchange Programmes
 - a. Month and Date shall be decided as per as the availability of students and faculty members.
 - b. Activities to be conducted shall be decided by the faculty members of both the colleges.
 - c. Establish student exchange programs that allow undergraduate students from both colleges to study and conduct research in the partner institution. This will provide students with exposure to different academic environments, fieldwork opportunities, and diverse perspectives in zoology.

Faculty Exchange Programmes:

- a. Facilitate the exchange of faculty members between the two colleges. This can involve short-term visits and collaborative research projects. The exchange will promote knowledge sharing, expertise development, and collaboration in zoological research.

Joint Research Projects:

- a. Collaborate on joint research projects that align with the research interests and expertise of both departments. This can include areas such as biodiversity conservation, animal behavior, ecology, genetics, or any other relevant subfield of zoology. Encourage faculty members and



students to collaborate on these projects and share resources and findings.

Workshops and Seminars:

- a. Organize joint workshops, seminars, and conferences on zoological topics of mutual interest. These events can feature presentations by faculty members, and invited experts from both institutions. Encourage participation from students as well to foster learning, networking, and collaboration.

Sharing of Facilities and Resources:

- a. Explore the possibility of sharing specialized facilities, laboratories, and equipment available in the zoology departments of both colleges. Sharing resources can enhance research capabilities and provide cost-effective solutions for both institutions.

Publication and Knowledge Sharing:

- a. Encourage joint publication of research findings in reputable scientific journals. Foster a culture of knowledge sharing by promoting collaboration in writing research papers, reviews, and book chapters. This will contribute to the scientific community and raise the profile of both institutions.

Outreach and Conservation Initiatives:

- a. Collaborate on outreach/ extension programs and conservation initiatives to raise awareness about zoology-related issues among the general public. This can involve organizing public lectures, awareness campaigns, and community engagement projects aimed at promoting environmental management and wildlife conservation.

Regular Communication and Evaluation:

- a. Establish regular communication channels between the zoology departments of both colleges to monitor progress, share updates, and evaluate the outcomes of the MOU. This can involve periodic meetings,



progress reports, and feedback sessions to ensure the effective implementation of the agreed-upon initiatives.

2. Similarly, Extension activities shall be conducted by SBC Department of Zoology, Shimla in accordance with COE Department of Zoology Govt. Degree College, Sanjauli

- a. Lectures of different scientists shall be delivered to the students; the topic can be decided by the faculty members according to their new discoveries and invention.
- b. Hands-on-experience for students through workshop on various themes
- c. Visit to various research divisions and laboratories by the students of St. Bede's, Department of Zoology and COE, Department of Zoology, Govt. Degree College Sanjauli.

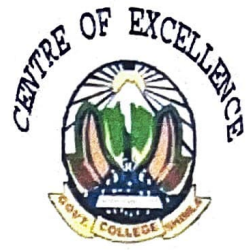
3. Any other collaborative programme between two organisations shall be coordinated

- a. Conferences can be organized in collaboration with the two parties.

4. IMPLEMENTATION

- a. To carry out and fulfil the aims of this MoU, both **COE Department of Zoology, Govt. Degree College Sanjauli** and **SBC Department of Zoology, Shimla** shall each designate a MoU Coordinator who shall manage the development and conduct of joint initiatives.
- b. Either Party may initiate proposals for activities under this MoU.
- c. The HOD's shall be responsible for the evaluation of activities under this MoU according to the practices of their respective institutions.

5. DURATION AND TERMINATION OF MoU



- a. This MoU shall become effective on the date that it is signed by both parties and shall be valid for a period of one year, but may be renewed or extended by mutual consent expressed in writing.
- b. Any changes to this MoU shall be subject to the written consent of both Parties.
- c. This MoU may be terminated by either Party at any time provided that the terminating Party gives written notice of its intention at least six months prior to termination.
- d. In the event of any dispute that may crop up during execution of MoU, the matter would be settled through arbitration by referring to Arbitration Committee comprising of a member nominated by two organisation and one member will be jointly nominated by two colleges.

IN WITNESS WHEREOF, the authorized representative of both the organisations herein set their respective hands on the day, month and year first above written in the presence of following witnesses



For and on behalf of:
COE, Department of Zoology Govt.
College Sanjauli

Signature *Minakshi*
Name: **Dr. Minakshi Sharma**
Designation: HOD COE, Department of Zoology
Govt. College Sanjauli

Signature *Shweta*
Name: **Dr. Shweta Sharma**
Designation: Assistant Professor COE, Department
of Zoology Govt. College Sanjauli

DATE: September 27, 2022

Seal: **H.O.D.
Deptt. of Zoology
G.C. Sanjauli**

Witnesses: (Name and Address)

1. Vikas Nathar, A.P, Dept. of Chemistry,
G.C. Sanjauli
2. Shubham Choudhary, Asst. Prof.
Geology, G.C. Sanjauli-6

For and on behalf of:
Department of Zoology St. Bede's College

Signature *Shweta*
Name: **Dr. Shweta Thakur**
Designation: HOD, Department of Zoology St.
Bede's College

Signature *Jyotika*
Name: **Dr. Jyotika Brari**
Designation: Assistant Professor, Department of
Zoology St. Bede's College

DATE: September 27, 2022

Seal: **St. Bede's College
Zoology Department**

Witnesses: (Name and Address)

1. Madhu Bala, Assistant Professor
Deptt. of Chemistry, St. Bede's College, Shimla
2. Mannu Mahajan, HOD, Deptt. of Zoology
St. Bede's College, Shimla