

Department of Biophysics



Pub Kamrup College
(Affiliated to Gauhati University)
Baihata Chariali, Kamrup-781381, Assam

"Biophysics is the field that applies the theories and methods of physics to understand how biological systems work.... Biophysicists are uniquely trained in the quantitative sciences of physics, math, and chemistry and they are able tackle a wide array of topics, ranging from how nerve cells communicate, to how plant cells capture light and transform it into energy, to how changes in the DNA of healthy cells can trigger their transformation into cancer cells, to so many other biological problems.":
Biophysical Society.

Established in 2017, Department of Biophysics, Pub Kamrup College is the first of its kind in the NE region of our country. Its primary aim is to nurture the young minds by the sensation of Biophysics and to train them up and to motivate to carry out scientific investigation about biological systems with the help of physics. The department is blessed with the guidance of eminent personalities in this field from IISc/IITs/NBRC/GU/IASST/DU/AU etc. The department has many sophisticated equipments to carry out the research works in various fields of biophysics, for which it is recommended as the center for the biophysics practical examination in its very beginning by the affiliating university after proper inspection.

Faculty profile

Mr. Pankaj Kalita
M.Sc. (Biotechnology), DU
PhD (pursuing), Assam University
SET qualified

Mr. Shyam Goswami
M. Sc. (Chemistry) GU
GATE/NET/SET qualified

Dr. Bipul Deka
M. Sc. (Physics) GU
PhD (IITG)
GATE/SET qualified

The faculties are recruited as per the latest UGC guidelines. Other faculties from departments of Physics, Zoology, Statistics actively participate in the teaching of various papers of the course.

Eligibility

B. Sc. (Major or equivalent) in
Physics/ Chemistry/ Mathematics/
Computer Science

or

Eligibility

B. Sc. (Major or equivalent) in
Botany/ Zoology/ Biotechnology/
Biological Science with Mathematics
as one of the pass course subject
during graduation.

Facilities

Equipped with
modern sophisticated
instrument for the
research in various
fields of Biophysics.

Facilities

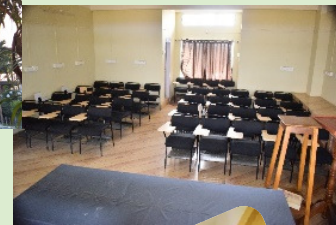
State of the art
conference room.

High speed internet

Facilities

Departmental library
• More than 100 books
of Biophysics.
• Printing/Xerox
facilities.

Mode of selections:
As per GU guidelines for selection



Other facilities:

- Central library and Hostel facilities for girls.
- UGC funded indoor stadium and gymnasium

Degree offers: M. Sc.

Subject: Biophysics

Duration: 2 years

Nature of the course: Self-financed

Thrust area of research:

- Mathematical Biology
- Environmental Biophysics
- Bio-magnetism and Bio-electricity
- Neurobiophysics
- Medical Biophysics
- Structural biology

Join Department of Biophysics, Pub Kamrup College for
pursue higher education and research in Biophysics.

Contact for details:

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