



# **PUB KAMRUP COLLEGE**

Baihata Chariali, Kamrup, Assam

**Distinctiveness of Pub Kamrup College**

**“Integrating Research Culture with Normal Teaching-learning Activities”**

**FROM 2016-17 TO 2020-21**

Principal  
Pub Kamrup College  
P.O. Baihata Chariali





## Distinctiveness of Pub Kamrup College in one area during 2016-17 to 2020-21

### Integrating Research Culture with Normal Teaching-learning Activities

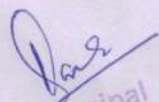
Pub Kamrup College, envisages erecting a proper platform for both the teachers and the taught to mould them intellectually and morally combined with social commitment for building social order and discipline amidst the plurality and diversity of region and culture of the nation. The mission of the college is to provide quality education to the young generation for preparing them as responsible citizen of the nation and to face the challenges of time. To face the challenges of time Pub Kamrup College has adopted various policies for giving pedagogic thrust to a multitude of areas.

Though Pub Kamrup College started with an UG College the college never wished to remain as an UG College only. This urge has enabled the college to focus on new areas and moving to the direction of new PG programs. So far there are six PG programs in the college. These new programs demands research initiatives and the college has been doing its best to give proper justice to the demand of these programs.

The College has an institutional Bio-Tech Hub funded by DBT, which was approved in 2011 and it has contributed a lot in the field of research within and outside the campus. In the area of research, the Biotech Hub of the college, which was later recognized as Advanced Level Bio-Tech Hub, is one of the most notable initiatives of the institution which takes initiation individually and with collaboration of different departments of the college by giving exposure to science to school level and college level students. The hub provided till date a number of activities for enhancing the students' ability in research and in practical field. The hub is instrumental in organizing students training, workshops during summer vacation for UG students under the head 'Summer Research Training' from the year 2013. Using the facilities of the Bio-tech Hub six research scholars, such as Dr. Gautam Kr. Sarma, Srimanta Sankardeva University of Health Sciences, Dr. Pankaj Kalita, Assam University etc. achieved their doctoral degrees. Again, eight scholars are pursuing their research. These kinds of research activities and facilities obviously ensure the research culture among our students as well as teachers. The Research Laboratory of Computer Science Department is a recognized Ph. D. Level Research Laboratory under Gauhati University with effect from 2016-17. One of the faculty members of the Department of Computer Science of the College, Dr. Arup Kumar Sarma carried on his doctoral research in this lab and achieved his Doctoral Degree under Gauhati University on 31st July, 2021.

'Summer Research Training' of the college has the following objectives:

- To provide students with proper knowledge on different areas of research.
- To equip students with hands on practices in handling of instruments.
- To give students proper knowledge on Good Laboratory Practices (GLP).
- To built good communication and presentation skill of the students.
- To develop skill in scientific research and ability to linkage the broad context in interdisciplinary areas.
- To create awareness about the need for science in daily life.
- To enhance the ability of scientific thinking and decision making.
- To create interest for scientific research for the greater benefit of the society.

  
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Serial No	Title of the Event	International/ National/ State/ Institutional	Funding Agency	Organizing Dept.	Duration and Date	No. of Participants
1	Let's Start Research	Institutional	Institute	IQAC and Institutional Level Biotech Hub	2-5 July, 2016	22
2	One Month Summer Training	Institutional	Institute	IQAC and Institutional Level Biotech Hub	5-31 July, 2016.	22
3	Workshop on Tools Techniques used in Biochemistry Research	Institutional	Institute	IQAC and Institutional Level Biotech Hub	31st October-5th November, 2016	30
4	Hands-on training on "Application of Nanotechnology for Biological Science Research"	Institutional	Institute	IQAC and Institutional Level Biotech Hub	8 to 14 February, 2017	22



5	Harmony with nature in the context of Chemistry, Environmental issues and challenges	National	UGC	Chemistry , IQAC and Institutional Level Biotech Hub	11-12th Sept., 2017	30
6	Innovative Practices in Teaching, Learning and Evaluation in Higher Education	National	UGC	Education , IQAC and Institutional Level Biotech Hub	13-14th Sept., 2017	30
7	Food and Bioprocess Research for Industrial Application	National	UGC	Food Processing and Quality Management, IQAC and Institutional Level Biotech Hub	15, 16 Sept., 2017	32
8	Hands on training on application of Light on the Biological Science Research	Institutional	Institutional	IQAC and Institutional Level Biotech Hub	4 – 9 July, 2018	15

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	Hands on training Chemical Basis & Instrumentation for Enhancement of Laboratory knowledge	Institutional	Institutional	IQAC and Institutional Level Biotech Hub	6 – 11 July, 2018	15
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Pub Kamrup College has always cherished the notion that country needs researchers to contribute to the growth of the nation economically, technologically, culturally and academically. It is a common realization on the part of the teaching fraternity that research for academic pursuit only contribute very little for the welfare of the nation; one has to consider research as a culture. The level of difficulty of motivating students to research activity increases with the passage of time. Hence, college is the best level in which the institution should try to build the research culture among the students. This realization led Pub Kamrup College to introduce ‘**Summer Internship Program**’ in July, 2019 after an official notification served by the then Principal Dr. Balendra Kumar Dev Choudhury. The notification is available at

<http://www.pubkamrupcollege.co.in/upload/research/Notification%20on%20oneweek%20Summer%20Internship,%202019.pdf>

Another initiative of the college was introduction of “**Feeder Village Research Centre**” through which students were engaged in field survey of the feeder villages of the College. Basic objective of this initiative was to study the socio-economic aspects in these village and to equip the students with research culture. A full report can be found at <http://www.pubkamrupcollege.co.in/research.php>

For all these aspects the college considers integration of research culture with normal teaching-learning activities as its distinctiveness.