

Dear Scholar,

We, on behalf of the Jagirroad College family, offer you a warm welcome to the National Seminar on the topic: **“Advances in Physical and Biological Sciences”** to be held on 6th and 7th April, 2015. Through this seminar, we wish to consolidate our idea about the recent research activities being undertaken in the field of Physical and Biological Sciences. During the seminar sessions, we will try our best to provide you a suitable platform for sharing your ideas, experiences and for exchanging of views amongst the fellow scholar-participants. Eminent Scientists from different Educational Institutions and Laboratories, whom we have been communicating, will grace the Seminar, and make presentation of different scientific papers. Key-note addresses by renowned Scientists will be an added attraction during the proposed technical sessions of the seminar. The Proceeding of the Seminar will be published in book format with ISBN. Besides, we are arranging a site-seeing programme (Jeep / Elephant safari) to the Pobitora Wild Life Sanctuary.

Your participation can only make the programme successful. So, please communicate, share your research activities.

With regards-

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Jagirroad College at a Glance

Jagirroad College an institute of academic excellence was established in the year 1979. The College has played a pivotal role in shaping academic environment of the locality and contributed yeoman's services in the field of higher education since its inception. The science stream was established in the year 1986. Very recently, a new feather was capped into it with the introduction of the Commerce stream.

Historically, Jagirroad was part of the ancient Gova kingdom. The Pobitora Wild Sanctuary, Junbeel (where Barter system could be seen in the month of mid January), Sitajakhala, Deosal and “Swarna Dong” are a few notable sites of tourists' attraction.

The College offers major courses in a number of subjects. Besides in the traditional subjects, it also offers specialized programmes in PGDCA and Master in Tourism and Travel Management. The College also provides opportunity to students to opt for several Vocational Courses, and courses under Distance Education mode through IGNOU, IDOL and KKHSSOU. The College has already introduced five innovative non-conventional and skill development courses with the financial assistance from UGC. They are: three years courses in Retail Management and Acting under the B. Voc. Scheme; Advance Diploma in Pulp and Paper Technology and Fashion Technology (both two years) under Community College scheme and Advance Diploma in Construction Works as an add-on course.

Jagirroad is well connected by road and railway. The state capital is just 56 kms and the Gopinath Bordoloi international airport is just 78 km away.

Objective

The two day national conference aims at creating a common platform for researchers, scientists and educationists to share innovative ideas and opportunities for upcoming researchers to interact people with diverse inter-disciplinary fields.

Main Theme :

Advances in Physical and Biological Sciences

Subthemes

- i. Communication Technology.
- ii. Computer Science.
- iii. Effects of Radiation.
- iv. Astrophysics and Cosmology.
- v. Applications of Pure and Applied Mathematics.
- vi. Application of Mathematics in Biological and Social Sciences.
- vii. Chemistry of Natural Products.
- viii. Conservation of Bio resources and utilization of Renewable energy.
- ix. Human intervention in natural ecosystem.
- x. Wetland, River system and diversity of Forest.
- xi. Impact of Chemicals on Human Health and Live Stocks.
- xii. Nano Technology Applications.

Call for paper : IMPORTANT DATES

Last date for submission of abstract and full paper (Soft copy only) –

- i. **Abstract**- On or before 15th March, 2015
 - ii. Submission of **full paper** – 20th March, 2015
- Guidelines for preparation of camera ready Paper.
- i. **Main title** – Times new roman bold face 14 point.
 - ii. **Sub Title** – Times new Roman bold face 12 point
 - iii. **Authors name and Citation** – Times new roman bold face, italic 11 point.
 - iv. **Abstract** – Times new roman Italics 11 point (Abstract heading bold face centered).
 - v. **Key words** – maximum 5 (Times new roman bold face, italic 11 point.)
 - vi. **Main body of the text** – 11 point, line spacing 1.5
 - vii. **Acknowledgement** – Times new roman 9 point.
 - viii. **Reference/ Bibliography** – Times New Roman, 8 point, e.g.: Rao, J.K., (2012), A Study of the Natural Ecosystem of Jagatpur, *Int. Journal of Natural Science*, Vol. 12 (Issue 11), pp 231-239.

Maximum number of pages 6 (A4),

in single column, justified text.

Accepted Paper will be published in Peer reviewed Journal with ISBN.