

About the Institution

Hassan Khoyihami Memorial Degree College named after Hassan Khoyihami - a great native historian and a poet, was established in the year 2005. This College is approved by the University Grants Commission (UGC) and is affiliated to Kashmir University. It offers courses in areas as diverse as Language, Social Science, Commerce, Science and Computer Applications in 22-subject combinations leading to 6-semester BA/BSc/BCom degree.

Cradled in the lap of nature, the College is situated on the top of a hillock, an idyllic place surrounded by a majestic bulwark of mountains, the facade gives a panoramic view of the famous Wullar Lake-the largest fresh water lake in Asia. The College is equipped with state of the art laboratories, computer facilities, library and information centre and round the clock Internet facilities. The college encourages and provides opportunities to the students to take part in co-curricular/extra-curricular activities to explore their capabilities and areas of interest in all-round development of their personality..

Patron

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Webinar abstract

The 2004 Nobel prize winning experiment of isolating a single layer of carbon atoms, called "graphene", from the bulk graphite has sparked gold rush for graphene and other 2-dimensional materials (MoS₂, WSe₂, TaSe₂, hBN, etc.) for sensing and electronic applications. In particular, graphene with its superlative properties has been explored extensively for the potential applications in electronic sensors and performance enhancing composite material. Pristine graphene with its unique electrical, mechanical, chemical and thermal properties has attracted academics and industrial focus to manufacture thinnest yet strongest, transparent and flexible electronic sensors for variety of applications including chemical, bio, electromechanical and energy storing devices.

In this webinar, the author will focus primarily on the first 2D material i.e., graphene and its superlative properties, graphene synthesis methods, characterization techniques and its application in electronic devices and sensors. This webinar shall also introduce the audience briefly with the birthplace of graphene i.e. The University of Manchester, where the pioneer work of graphene isolation was performed. Lastly, author shall also shed lights on various funding schemes for graduate and post-graduate students to acquire higher studies and research opportunities in the field of graphene at The University of Manchester or in other institutions in UK.

Speaker:



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Registration: <http://www.gdcbandipora.net/WebinarRegistration.aspx>

Webinar will be delivered through Zoom App Platform
Last Date of Registration: June 01, 2020 (4:00 PM)
Lecture Date & Time: June 02, 2020 (3:00 pm to 4pm) (IST)
Meeting ID and Password will be mailed before one hour of
the start of Lecture



Online Lecture / Webinar
Live from
the University of Manchester,
United Kingdom (UK)



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