

From the Desk of the Editors:

Teachers in higher education are expected not only to be narrators but also to be practitioners of modern development of their respective subjects. This is true even to a greater extent in the field of natural sciences where almost everyday new facets of nature unfurl themselves. On the other hand, particularly in recent years, policy makers in education are putting comparatively greater thrust to enhance the research and innovative teaching activities particularly among college teachers. Within various shortcomings regarding infrastructure, facilities, excessive teaching load etc, from the very early days a number of college teachers, particularly in Bengal, contributed substantially in the field of natural sciences along with the University teachers and researchers in the premier scientific institutes. Father Lafont, J.C. Bose, P.C. Roy, P.C. Mahalonobish, A.K. Roychaudhury etc. are only few names among them, who also maintained strong academic connections with the scientists in other categories of institutions. To boost up this heritage, "*The Beats of Natural Sciences*" is a small effort to act as a platform to exchange the innovative ideas and activities, which originate at the college laboratories, with the larger scientific communities. Moreover in the history of science there are many incidents where the first inventor did not get the proper recognition due to the lack of communications; which motivate this journal also to act as a readily available vehicle to present the innovative scholastic activities in the academic institutions in our region in front of the global academic community. In addition to original research works, these activities include review works on scientific frontiers, developing innovative ideas in teaching and research methodologies, exploring the connections between basic sciences and social progress etc.; all of which, we endeavour, will have reflections in this journal. Another motivation of this journal is to encourage our next generation of young scientists who, as students, are getting their first exposure to this exciting world through their project works at various level of higher education, publication of these reports may become culmination points of their activities. Regarding the presentation aspect, we want to maintain a level, so that even the high school pass outs with moderately strong inclination in natural sciences may make out something, at least the essential flavour, from the articles published here; which is a motivation for us behind keeping this journal bilingual in English & Bengali.