
From the Editorial Director's Desk

Dear esteemed members of the scientific fraternity, friends of research, patrons of science, technology and humanity,

It gives me great happiness and pleasure to present this latest issue and Twelfth volume of our annual journal J-BNB for the year 2021-2022. As we all are aware, a large part of the academic year has passed under shadow of COVID-19 for educational institutions. The challenge of keeping all stake holders contented in this scenario, itself was daunting and has been effectively and efficiently overcome with support of all. Technology, in the meanwhile, especially digital technology has advanced at a frantic pace and keeping abreast with the latest developments is fast turning out to be a challenge in itself.

J-BNB is our very own peer reviewed online annual journal of VPM's B.N. Bandodkar College of Science (Autonomous) and is an appropriate platform to launch young researchers into the galaxy of the unknown waiting to be discovered. The importance given to research in academics has been amply projected in our National Education Policy 2020 and I congratulate the Journal Committee, Research Committee and scientific fraternity in keeping this activity running despite the closure of educational campuses due to COVID-19 pandemic.

I sincerely appreciate the hard work put in by our editorial team, Journal Committee and the Research Committee and join them in applauding and appreciating the efforts put in by all contributors towards fruition of this issue. I wish you all the best.

Moses Kolet

Editorial Director

From the Managing Editor's Desk

Dear Readers,

On behalf of the Editorial Board and the Editorial Team, It gives me great pleasure to greet all contributors, patrons and readers of JBNB. JBNB welcomes submission of manuscripts from all fields of science and seeks to publish research papers that will significantly advance scientific temperament. We in JBNB work to bring the scientific community together. We have taken up the initiative to provide a common platform to young minds, innovators, researchers and academicians to put forward their views and publish their work.

UNESCO recommended that the year 2022 will be the “International Year of Basic Sciences for Sustainable Development.” Basic Science is the foundation of all science and “The International Year of Basic Sciences for Sustainable Development,” recognizes that basic sciences are vital to attain sustainable development and to improve the quality of life for people all over the world. On behalf of the Board of JBNB and my co-editors, we invited papers based on the above theme and in this issue of JBNB, authors have shared their views on various topics.

I am glad to present the present issue (J-BNB Volume 12) of the journal (<http://www.vpmthane.org/BNB/JBNB.aspx>) which includes one perspective, seven research articles, two viewpoints and two series articles.

Moitreyee Saha
Managing Editor JBNB