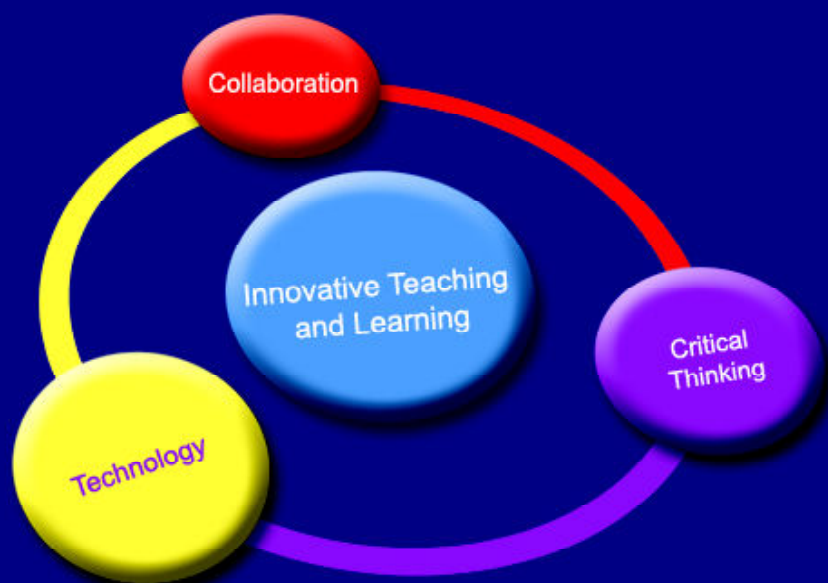




Innovation and Rejuvenation of Teaching in Higher Education



Editors
Nibedita Phukan
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Innovation and Rejuvenation of Teaching in Higher Education : A collection of selected research articles edited by Nibedita Phukan & Jayanta Sonowal and published in collaboration with Kaustubh Prakashan by the Namrup College, Dibrugarh and Teaching-Learning Centre, Tezpur University, Assam.

First publication : March, 2019

ISBN : 978-93-82283-63-8

Printed at : Kaustubh Printers

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From the Editorial Desk

Teaching is a challenging job today. In this age of knowledge boom, motivating the students in the classroom situations and for learning is a challenging task. In a traditional classroom situation, students are bound to play the passive role which is teacher-dominated. Students do not have the scope for participating in the teaching and learning processes leading to only memorizing the content in future. On the other hand, in the learner-centric education system students play the active role and they are the important stake holders. Here teachers are the guide of their students, manager for creating the learning environment and the moderator for providing materials to the students. Students are responsible for their own learning. This helps them learning by doing and learning how to learn.

John Dewey's famous quote is, "If we teach today's students as we taught yesterday's, we rob them of tomorrow". Teaching students with new techniques and approaches are the demand of the hour. The necessity of using technology cannot be denied in the teaching and learning situations. In this diversified technological world a click of a button can supply lot of information. But to disseminate knowledge and to prepare our students for wisdom generating innovation in education is indispensable.

Namrup College conducted Short Term Training

Programme on "Innovation and Rejuvenation of Teaching in Higher Education" along with Teaching-Learning Centre of Tezpur University, under the MHRD, Govt. of India Scheme Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNM-TT) from 9 to 14th February, 2019. The publication of this book is an aftermath of this training programme. The endeavor to writing an article on innovation in higher education leads to awareness and motivation to the teaching faculty. Articles in this book are mostly conceptual rather than empirical. The undergoing process for publication of the book is in haste because it has to be done at the verge of the ending of the old financial year and the beginning of a new one as it is funded by the MHRD-Tezpur University. We acknowledge their financial support. The editors are thankful to the contributors for their contributions despite their busy academic schedule. It is a great pleasure for the editors to learn from the contributors that preparation for writing their articles lead them to the new arena of innovative teaching and learning which itself is motivating for all of us. We are thankful to the Namrup College Principal and College fraternity for their support.

This is the first endeavor of Namrup College to publish a book on innovative teaching and learning in higher education. We hope this book will be a useful handbook for the persevering teachers.

Nibedita Phukan
Jayanta Sonowal

Preface

Teaching Learning Centre, under the MHRD scheme Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) got approved in the latter part of September, 2015, and started functioning from 2016. TLC, Tezpur University has the mandate to train teachers in higher education, generate new pedagogy and curriculum so as to create excellence in higher education teaching. With this mission in hand the Centre has till now conducted more than 30 in Campus and off Campus training programs and workshops. From 2017, TLC got engaged in designing of curriculum in teaching. A special curriculum designed by the centre was a result of structure development workshop where ten academicians of different fields of teaching learning of Assam took part. The basic aim of this was to develop a curriculum for conducting teacher training for generating enthusiasm among the fraternity by way of innovative teaching. The experts recommended to implement the designed curriculum on *Innovation and Rejuvenation of Teaching in Higher Education* to orient the teachers of different colleges of Assam and Arunachal Pradesh as an outreach activity.

We all realise that traditional methods of lecturing do not meet the demands of the dissemination of knowledge in classrooms effectively in today's scenario, where Outcome-Based Education and Learner-Centred Teaching are the order of the day. The need of ICT tools and their usage in Teaching-Learning process have also redefined the role of a teacher

from a mere provider of information to a facilitator of learning concurrent to current trends. Therefore, there is a need to rejuvenate the teachers to familiarize them with some newer methods and learner centred approaches of teaching through this customised curriculum. This encompasses themes like quality of an effective teacher, role of teachers in society, constructivism in teaching, learner centric approach of teaching, effective classroom management, ICT based teaching learning & evaluation, innovative teaching practices, role of teachers in Institution building, student support, environment and sustainable development, best practices in higher education and some more themes aimed at empowering the teacher.

TLC has worked to implement this curriculum in collaboration with six shortlisted colleges of the two states with the aim to enrich the teachers keeping in mind their busy schedule and work commitment. So the training programmes were conducted only with minimal disruption to their daily routine, by way of organising these at their doorsteps. Among others, the modules on innovative teaching practices and application of ICT in teaching learning are the prominent ones, which resulted in large number of teachers coming forward to contribute their teaching through e-content platform.

The attempt of Namrup College (with active support from TLC, TU) to come forward to generate a handbook of learning materials based on the modules of this exception curriculum is praise worthy. This, I am sure, shall help a large number of teachers who could not take part in these training programmes physically. This handbook will be a treasure for the teaching community, and the society at large.

Mrinmoy Kumar Sarma

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The hardcopy of the full text of this handbook is available offline at Teaching Learning Centre, Tezpur University.