

Highlighting the claims made by the Institution

Initiatives for Creation and Transfer of Knowledge

NKT National College of Education for Women

(Autonomous)

Report on the Functioning of the Innovation Eco System at the
R & D Centre

2020-2021

In order to achieve quality and excellence in Teacher Education, the College professes or attempts to innovate each and every sphere of our academic programmes holistically, be it curriculum design, teaching pedagogies, research designs and methodologies, community outreach and extension activities, publishing practices, faculty improvement and enrichment programmes, student and teacher exchanges with other educational institutions in India and abroad, performance linked incentives and career progression, student feedback mechanism, assessment and accreditation, skill enhancement practices, vocational training programmes, green campus initiatives, student placement opportunities, deputation regulations, development plans and long-term strategies for progress and growth of our Institution.

These areas are addressed in an integrated manner through well-documented policies and procedures to place our College at par with the Global standards and to emerge as a pioneer institution.

Through persistent brainstorming, policy-planning and timely execution of the mission statements, it will be realistic to think about achieving the vision of transforming students to global educators. In order to transform this dream into a reality, dynamic leadership, visionary governance, and dedicated workforce labour towards it continuously and persistently at the Institution.

1. Participatory Efforts

Research and Development Centre of the College revolves around Educational Research for the development and upliftment of the stakeholders and community at

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large. The faculty members of the College, students and other research scholars are kindled to identify research problems for testing and validation. The R & D Centre invigorates and probes into the research findings to promote observation and repeated testing in the field till the objectives are realised.

The College has been focusing on imparting education to students with the best possible means and techniques. The College focuses on every facet of developmental requirement and one such avenue through innovations at the Institution. The innovations involved are the delivery of content, exposure to students, personality development sessions, sensitizing to the needs of the community, etc. and all such avenues equip students with a better hold on their prospective career.

As innovation enhances the standard of education it induces Faculty members and students to adopt a better way of thinking to solve problems and the College finds a better way to involve with society, enhance the delivery of curriculum, gauge the improvement of students in improvised way, nurture the intellectual property at the Institutions, maintain and develop the administrative profile of the Institutions, etc.

The participatory efforts of the Institution as discussed and approved in the Research Committee Meetings held on 4th June 2020 and 31st May 2021 nurtures student development to an extent that innovations become part of the regular affairs rather an initiative.

2. Encouragement to Novel Ideas

The Session for Incubation of innovative ideas for the academic year 2020-2021 was held Online on 2nd June 2020. The session was held to brainstorm ideas for innovative practices relating to performance improvement in Research and Outreach performances of the Institution.

The session involved a structured and analytical process that would help to develop imaginative ideas. Brainstorming provides a free and open environment that encourages everyone to participate and to contribute fully, helping them develop a rich

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array of creative solutions. Participants brainstormed and the ideas incubated were as follows:

- Online Faculty and Student Development Programmes to enhance knowledge and skills required for Online Teaching-Learning & Evaluation.
- Research Colloquium (Winter & Summer sessions) to share expertise among Faculty members and Research Scholars.
- Guidance & Counselling Support Services to the student fraternity.
- Online Outreach Programme for the well-being of students and neighbourhood community.

The session was a very productive one as all experiences and creativities of all participants were made use of and it also made everyone feel that they had contributed to the solution and also to share creative ideas with each other.

3. Official Approval & Support

As per the Design and Functioning of the Innovation Eco System at the R & D Centre approved by the Research Committee in its Meeting held on 16th July, 2019, the supervisory committee for the Innovation Eco System at the R & D Centre is the Research Committee consisting of experienced and knowledgeable experts drawn from academia and industry, apart from the Principal and Faculty members of the Institution. The Committee meets periodically to define the operational strategies, develop the road map, approve and monitor the performance of the R & D Centre in respect of the identified drivers and outcomes concerning the Innovation Eco System and to provide feedback on the development of goals and implementation of corresponding processes to achieve the predetermined measures of performance of the R & D Centre.

The innovative ideas generated at the Session for Incubation of Innovative Ideas held Online on 2nd June 2020 was presented and discussed in the Research Committee meeting held on 4th June 2020.



The following Programmes were planned to realize the ideas incubated.

- Faculty Development Programme: A Six-Day Training on Teaching-Learning Digital Tools during the months of June-July, 2020 by inviting Resource Experts, Dr. Judy Grace Andrews, HOD, Research Centre, and her team from Gandhi Shikshan Bhavan's Smt. Surajba College of Education, Mumbai, our Knowledge Partner.
- A Five-day Online Student Development Programme on Augmenting Pedagogical Horizons for 24/7 Learning to make use of the time during the lockdown period by inviting National Awardees.
- Research Colloquium by Faculty members during the months September-October (Winter Session) and April-May (Summer Session) to share research expertise.
- 'You Share & We Care', Programme for the wellness of student fraternity in the community.
- Online Outreach Programmes to create awareness and to give training in indoor games like Chess for the welfare of the neighborhood community during pandemic lockdown.

4. Material and Procedural Support

The R & D Centre is equipped with sophisticated instruments required to conduct appropriate researches and databases that are required to undertake systematic literature reviews, meta-analyses, access to literature through the feasible databases like INFLIBNET, Open Educational Resources, Scopus, Science Direct, Web of Science etc.

In addition, the Management of the College has provided monetary support for purchase of online platforms and other facilities for planning and implementation of ideas incubated at the Session for Incubation of Innovative Ideas.

Apart from funds and infrastructure, it is the trained human resource that really makes things to happen. Adequate, qualified, trained, well-oriented and specialized human resource is needed in the right numbers to run the R & D center and carry out research in identified thrust areas. The R and D Centre has trained Faculty members and IT Trained Support Staff to carry out the Research Activities of the Institution.



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