



NURSING RESEARCH INITIATIVES AT INSTITUTIONAL LEVEL – A PERSPECTIVE

Prof. U. Bhagyarakshmi Professor, Narayan Nursing College, Gopal Narayan Singh University

ABSTRACT

This article deals with the initiatives that can change the way nursing research is perceived. It gives the insights to integrate the nursing research activities with the multidisciplinary teams. It also provides the templates with the ideas to customize at the institutional level without changing or modifying the prescribed rules and regulations given by the regulatory bodies. They may be best put in to the practice in the institutes like University Grants Commission - UGC or National Assessment and Accreditation Council (NAAC) recognized institutes or Group of institutions which are recognized by any nationalized regulatory and accredited bodies along with INC have lot of scope for integrated research.

KEYWORDS : Nursing research, Basic B.Sc.Nursing, Post. Basic B.Sc.Nursing, M.Sc. Nursing and PhD. Nursing.

INTRODUCTION

Nursing profession is striving towards the excellence day by day. Still it is lacking the due recognition it should be getting. Nursing research is improving every day in the country as number of Postgraduate Teaching institutes for M.Sc. Nursing with 5 major specialities and sub specialities are being established with the recognition of Indian nursing council - INC.

Research activities in nursing are no more limited to surveys which are concerned to the psychological aspects of the patients they are treating. All the nursing aspirants will be undertaking the research activities as a part of Academic Research in order to get desired degree of Basic B.Sc.Nursing, Post. Basic B.Sc.Nursing, M.Sc. Nursing and PhD. Nursing.

Nurses while working in the profession as nursing faculty as well as clinical nurses are also doing research activities extensively. The articles of nursing research are published in other disciplines journals as of now there is no list of approved nursing journals from any nursing regulatory body.

Initiative Ideas For Nursing Research Activities At Institutional Level

The main motive of today's nursing research is "Don't let your research stick to the paper alone, it should be useful in daily practice too". There is a misconception that nurses will do only surveys related to psychology. In reality, there are many product-based nurse inventions like the Crash Cart, color-coded IV Lines, neonatal phototherapy, Bili Bonnet, baby bottles with disposable nipples, feeding tube for paralyzed veterans, ostomy bags, etc.

If the institutes or the hospitals are giving broader scope of working environment with multi-disciplinary teams. A wide range of opportunities to collaborate for various academic (curricular, co-curricular, and extracurricular) and research activities, in turn, will lead to job satisfaction and career advancement. Primarily better utilization of research findings can be done at the respective institute level. The insights for nursing research initiatives are as follows:

Undertaking Product Based Nursing Research

As nurses will be working with on an average 10-20 types of equipment in each shift listing from the thermometer to ventilator which shows the need for every nursing faculty, nurse, or nursing student everyone should choose product-based research where ever it is feasible to do as it gives recognition and equal role in the multidisciplinary health care team.

For example: choosing research questions like improving the better utilization of equipment or towards the updating the features of the product or turning ideas into products for solving any issue or challenge.

It can be planned at various levels in an institution. If we go with the example of an issue to solve any challenge, then research might be interlinked with Undergraduate, Post Graduate, and Ph.D. students if existing in the institute.

For Example in an academic year students researching their curricular requirements to get the degree can be collaborated by the Head of the Department research if it is feasible.

Research Questions Related to IV Cannula Insertion and Maintenance

Table No. 1 – Integration of Nursing Research Academic Activities for Product Creation.

Course/ Aspect	Basic B.Sc. Nursing	Post Basic B.Sc. Nursing	M.Sc. Nursing	Ph.D. Nursing
Topic / Research Question	Assessing the practices of IV Cannula Insertion and Maintenance	Effectiveness of Simulation on IV Cannula Insertion and Maintenance	Best evidence-based practices related to IV Cannula Insertion and Maintenance	Interventional research on IV Canalization
Setting & Sample	Clinical settings & Nurses	Hospitals & Health Centres in Community Area	All database sources and available literature	Nurses & Patients
Sample	Nurses	Nurses	Inclusive and exclusive Criteria	
Design	Descriptive	Pre and Quasi-Experimental	Systemic review/Meta-synthesis	True Experimental RCT
Expected Implications or outcomes of the study	Gathering all the basic data required	Hypothesis testing results	More supportive and accurate evidence data towards the creation of a product	Creation and testing

The integrated results may be a leading point to the Transcultural research to create a new product.

M.Sc. Nursing Academic Research Integration for better utilization of results

The below template is an example for planning the M.Sc. Nursing Research in an integrated way. If it is considered that each specialty is having a minimum of 3 students, then it can be planned as below:

Research Question or Problem Statements related to Flipped Method of Teaching Methodology on COVID Protocols

Table No. 2 – Integrated approach M.Sc. Nursing Academic Research

Specialty	Type of Study	Sample	Setting
Medical-surgical nursing	Descriptive / Comparative	Patients	Hospital
	Quasi-Experimental	Staff Nurses in Hospital	Hospital
	Pre Experimental	Helper Staff	College
Child health nursing	Descriptive / Comparative	Anganwadi & ASHA Workers	Community
	Quasi-Experimental	School Students	School
	Pre Experimental	Under-five Mothers	Anganwadi
OBG Nursing	Descriptive / Comparative	Nursing Graduate Students	College
	Quasi-Experimental	Antenatal Mothers	Antenatal ward
	Pre Experimental	Health Assistants	Community
Community Health Nursing	Descriptive / Comparative	Non-Nursing Graduates	Workplace
	Quasi-Experimental	ANMs & Staff Nurses	Community
	Pre Experimental	Village Volunteers	Training Centre
Mental Health Nursing	Descriptive / Comparative	Nursing Faculty	Institute
	Quasi-Experimental	Special Educators	Training Centre
	Pre Experimental	Care Takers	ECT Centres

The findings of the research studies can be integrated to draw the implications.

B.Sc.Nursing Group Research Projects Integration

The below template is an example for planning the B.Sc. Nursing Group Research in an integrated way. If it is considered that a class of 30 students each group is having a minimum of 5 students, then it can be planed as below:

Research Question or Problem Statements related to Revised B.Sc.Nursing Syllabus – Future Implications and Perspectives

Table No. 3 – Integrated approach B.Sc. Nursing Group Research Projects

G. No.	Research Question	Design	Setting	Sample
1	Attitude of Nursing Students towards Revised B.Sc.Nursing Syllabus	Exploratory Survey	Colleges	B.Sc.Nursing 2 nd , 3 rd Year Students
2	Opinionnaire towards Revised B.Sc.Nursing Syllabus	Cross-Sectional	Workplaces	Alumni Students
3	Faculty Perspectives towards Revised B.Sc.Nursing Syllabus	Correlational	Colleges	Nursing Faculty
4	Effect of Mandatory Modules on	Pre Experimental	Skill Lab	B.Sc.Nursing 1 st Semester Students

	Respective Semesters Programme Structure			
5	Effect of Elective Modules on Respective Semesters Programme Structure	Quasi-Experimental	Skill Lab	B.Sc.Nursing 1 st Semester Students
6	Perspectives of Parents of B.Sc.Nursing 1 st Semester Students towards Revised B.Sc.Nursing Syllabus	Explanatory	Residential Areas or any feasible setting	Parents of B.Sc.Nursing 1 st Semester Students

By integrating the results of all the group projects action plan can be planned for the next academic plan

Trans Cultural or Collaborative Research – All the institutes which are University Grants Commission–UGC Recognized will be having committees mainly dealing with research and its publications like Scheme for Trans-disciplinary Research for India's Developing Economy -STRIDE & "Consortium for Academic and Research Ethics-CARE will be supporting for transcultural multi-disciplinary collaborative research activities for which University Grants Commission UGC will be funding.

Nurse researchers or student researchers or faculty researchers can collaborate with all other disciplines available in the respective institutes towards the research activities. The following template will be useful to have an idea for collaboration.

For Example: addressing the challenge of organ donation in their localities and minimizing the barriers of illegal practice of organ trafficking.

Table No. 4 – Integrated approach for Trans Cultural or Collaborative Research

Researchers Discipline	Working step/ aspect in research
Sociology	Collaborative research regarding the various aspects of organ donation attitudes and practices in the society to provide supportive data required to do experimental research
Psychology	
Anthropology	
Nursing	A collaborative experimental research addressing health issues and myths related to organ donation – for procedures – protocols -
Medicine	
Pharma	
Paramedical	Technical support
Information Technology	Website / App Creation
Journalism	Media coverage about the app and its functioning
Law	Supporting in all the legal aspects
Management	Start-ups, Entrepreneurship role for Website/ App, etc.

Note: Discipline may be chosen based on the research problem and the disciples available in the institute.

CONCLUSION

First Home/Parent Institutional Application of Results -

Whatever academic research is done in a respective institute its results should be used at their institutional level to check the applicability and then try to publish them for generalization. NEP -2020 Strategies Incorporation – The strategies like blended learning, flipped model, recognizing, identifying, and fostering the unique capabilities of each student, by sensitizing teachers as well as parents to promote each student's holistic development in both academic and non-academic spheres. a 'light but tight' regulatory framework to ensure integrity, transparency, and resource efficiency of the educational system through audit and public disclosure while encouraging innovation and out-of-the-box ideas through autonomy, good governance, and empowerment.

Creative corners or common platforms within the institutes to access and share ideas. It can be a replica of the Government of India initiative of the creative corner ([https:// www. mygov. in/group/creative-corner-0/](https://www.mygov.in/group/creative-corner-0/)) at institutional levels with the same agenda.

- a. Encourage students, faculty, nurses, peers, with new innovative ideas without work politics
- b. A new technique like – dance movement therapy – but it's generally taken that nurses should be calm and quiet- if a student is culturally sound they will be given less internals or considered academically weak
- c. prepare students for future needs which will keep them updated and ready to be hired

Nursing professionals should start taking individual initiatives from their side that will encourage others also. Everyone can share their creative ideas with others in professional gatherings to enhancing them for better utilization. The integrated approach of teaching & training with the application of research findings at the institute level will gain confidence among the nursing fraternity to move further in their career.

REFERENCES

1. Yanbing, S., Hua, L., Chao, L., Fenglan, W., & Zhiguang, D. (2021). The state of nursing research from 2000 to 2019: A global analysis. *Journal of Advanced Nursing*, 77(1), 162-175.
2. Lal, M. M. (2021). Why Nursing Research Matters. *JONA: The Journal of Nursing Administration*, 51(5), 235-236.
3. Zhu, R., Liu, M., Su, Y., Meng, X., Han, S., & Duan, Z. (2021). A bibliometric analysis of publication of funded studies in nursing research from Web of Science, 2008–2018. *Journal of Advanced Nursing*, 77(1), 176-188.
4. Lioce, L., Budisalih, K., & Showalter, D. A. (2021). Three-Dimensional Printing: Collaborative Nurse-Led Research. *Annual Review of Nursing Research*, 39(1), 243-261.
5. Chipps, E. M., Joseph, M. L., Alexander, C., Lyman, B., McGinty, L., Nelson-Brantley, H., ... & Weaver, S. (2021). Setting the research agenda for nursing administration and leadership science: a Delphi study. *JONA: The Journal of Nursing Administration*, 51(9), 430-438.
6. Dimonte, V., Luciani, M., Conti, A., Malinverni, E., Clari, M., Campagna, S., & Garrino, L. (2021). Nursing students' perspectives of dance movement therapy to learn relational skills: A qualitative description study. *Nurse Education Today*, 97, 104697.
7. Conicella, F., Destro, F., & Galvelyte, A. (2021). Collaboration with Startups in Pharmaceutical industry: emerging Open Innovation models. In *ISPIM Conference Proceedings* (pp. 1-31). The International Society for Professional Innovation Management (ISPIM).
8. Zamanzadeh, V., Ghaffari, R., Valizadeh, L., Karimi-Moonaghi, H., Johnston, A. N., & Alizadeh, S. (2021). Challenges of objective structured clinical examination in undergraduate nursing curriculum: Experiences of faculties and students. *Nurse Education Today*, 103, 104960.
9. Shell, R. (2001). Perceived barriers to teaching for critical thinking by BSN nursing faculty. *Nursing Education Perspectives*, 22(6), 286.
10. Yang, L., Tu, S., Feng, L., Lai, X., & Wang, R. (2021). Bibliometric analysis of multiple sclerosis nursing research based on Web of Science. *Annals of Palliative Medicine*, 10(7), 7551-7559.