



Bharati Vidyapeeth (DU) Medical College, Pune

Constitution of Central Research and Publication Unit (CRPU)

The initial structure was in the form of research committee that started functioning from academic year 2019-2020. The Central research and Publication unit (CRPU) was formally established merging 'Research' and 'Publication' committees on 1st February 2021. It coordinates with all departments in the medical college and hospital. The unit facilitates dialogues with different organizations and the clinical head of the departments. Assistance is provided in terms of formation and training of similar research unit in Ayurveda, Homeopathy, Nursing, and Dental colleges as and when required. The main role of the unit is to encourage all departments to undertake research studies, in respective areas, regular monitoring of calls for proposal on various websites, interactions with departments after identifying the call, helping writing proposal, and scrutiny of the proposal through experts and necessary modifications. The unit conducts various workshops for Undergraduate students, postgraduate students, faculty of medical and allied health sciences, and PhD scholars for capacity building and to get them acquainted with Research Methodology. The unit also helps in analysis, manuscript writing, editing through a panel of experts, and finding suitable journals. The unit is also responsible for timely publication of quarterly medical journal namely – 'Bharati Vidyapeeth Medical Journal (BVMJ)'. It is a multispeciality open access journal. The journal is indexed in Google Scholar, Crossref, UGC CARE List.

CRPU Members List

Sr. No.	Name	Designation	Department	Post in CRPU
1	Dr. Prakash Doke	Head	CRPU	Head
2	Dr. Jayashree Gothankar	Professor, In charge Research	CRPU and Community Medicine	Core Member
3	Dr. Gauri Oka	Research Consultant, In charge Publications	CRPU	Core Member
4	Dr. Amruta Chutke	Senior Research Associate	CRPU	Core Member
5	Ms. Bhagyashree Mitragotri	Research Assistant	CRPU	Core Member
6	Ms. Dipali Pakhale	Research Assistant	CRPU	Core Member
7	Dr. Rupeshkumar Deshmukh	Statistician	CRPU and Community Medicine	Core Member
8	Ms. Aruna Deshpande	Statistician	CRPU and Community Medicine	Core Member
9	Mr. Mayur Shinde	Statistician	CRPU and Community Medicine	Core Member
10	<i>Dr. Sankar Gorthi</i>		<i>Neurology</i>	<i>Opted Member</i>
11	<i>Dr. Arundhati Diwan</i>		<i>General Medicine</i>	<i>Opted Member</i>
12	<i>Dr. Nandini Malshe</i>		<i>Neonatology</i>	<i>Opted Member</i>
13	<i>Dr. Suchita Dabhadkar</i>		<i>Obstetrics and Gynecology</i>	<i>Opted Member</i>
14	<i>Dr. Sonali Palkar</i>		<i>Community Medicine and Pediatric Research Cell</i>	<i>Opted Member</i>
15	<i>Dr. Sanjivani Patil</i>		<i>Community Medicine</i>	<i>Opted Member</i>

Activities Conducted by CRPU

A. Workshops for faculty of BVDUMC, Pune

i. Research Methodology Workshops

CRPU conducted two research methodology workshops for faculty. The first workshop was conducted from 03/11/2020 to 06/11/2020; total 37 participants attended it. The second workshop was conducted on 19/07/2022 and 20/07/2022; total 13 participants attended it. The CRPU members were facilitators for both these workshops. Study designs and basic statistics were taught.

ii. Mendeley Workshop

CRPU conducted two workshops on Reference Management using Mendeley. The first workshop was conducted in 2021; facilitators from SPPU were invited for the First workshop. Total 20 participants attended it. The second workshop was conducted on 02/07/2022 by Dr. Gauri Oka and Dr. A. A. Momin also facilitated it. It was a hands-on session and 17 participants attended it.

iii. Research Proposal Development Workshop

CRPU organized four Research Proposal Development Workshops in order to refine the research proposals for submission to ICMR calls. The first workshop was conducted from 21/11/2019 to 23/11/2019, total 25 participants attended it. The facilitators were Dr. Ramakrishnan Ramachandran (Retired Scientist, ICMR/NIE, Chennai), Dr. Manoj Das Gupta (INCLN, New Delhi), Dr. A. P. Kulkarni (Ex. Pro VC MUHS Nashik), Dr. Maninder Singh Setia (Karanam Consultancy, Mumbai). The second workshop was conducted from 15/11/2021 to 17/11/2021, there were total 21 participants. The facilitators were Dr. Ramakrishnan Ramachandran (ICMR/NIE, Chennai), Dr. Manoj Das Gupta (INCLN, New Delhi), Dr. Lakshminarayana Yaddanapudi (PGIMER, Chandigarh), Dr. Maninder Singh Setia (Karanam Consultancy, Mumbai). The third workshop was conducted from 23/03/2023 to 25/03/2023, total 30 participants attended it. The facilitators were Dr. Ramakrishnan Ramachandran (ICMR/NIE, Chennai), Dr. Manoj Das Gupta (INCLN, New Delhi), Dr. Lakshminarayana Yaddanapudi (PGIMER, Chandigarh), Dr. Maninder Singh Setia (Karanam Consultancy, Mumbai). Facilitators helped refining the proposals. After that those proposals were submitted to ICMR calls. The fourth workshop was part of FRCB.

iv. Basic Excel Workshop

On demand of faculty, a Basic Excel workshop was conducted for faculty on 15th May 2024. Total 30 participants attended it. It was a hands-on session. A dummy data was shared. Data entry, data cleaning, basic functions and analysis were taught.

v. Workshop on Systematic Review and Meta Analyses

A Workshop on Systematic Reviews and Meta-analysis under the aegis of the Cochrane India Network' was conducted on 16th December 2023. Total 35 participants attended it. The facilitators were Dr. Tejpal Gupta, Dr. Sadhana Kannan, Mr. Satish Munnolli joined online.

B. Workshops for faculty of Medical and Allied Health Sciences

CRPU conducted a Research Methodology Workshop for faculty of BVDUHMC, Pune on 19/08/2022 and 20/08/2022; there were total 40 participants. Also, some faculty from BVUMCH Sangli, BVDUCOA, Pune, BVDU Dental College and Hospital, Pune, BVDU School of Optometry, Sangli attended the workshops with faculty of BVDUMCH, Pune when it was conducted.

C. Workshops under Faculty Research Capacity Building (FRCB) Program

Dr. Sanjay Lalwani sir has selected faculty from all departments from BVDUMCH, Pune as well as BVDUMCH, Sangli and other allied institutes such as BVDU SASLP, Pune; BVDU COA Pune; BVDUHMC, Pune; BVDU School of Physiotherapy, Pune; BVDU Dental College and Hospital, Pune, etc. These are called Research Champions (RCs). There are total 55 RCs. Till date total seven workshops are conducted under FRCB. Four workshops were in collaboration with ICMR Advanced Centre for Evidence Based Child Health (ACEBCH) as per the MOU with them. Dr. Joseph L. Mathew was workshop Director.

Part A: Workshops in collaboration with ICMR ACEBCH

Sr. No.	Name of the workshop	Date	Names of facilitators	Number of participants
1	Workshop on Building Better Evidence through Robust Research Methodology (FRCB-II)	15/07/2024 and 16/07/2024	Prof. Joseph L. Mathew (PGIMER, Chandigarh), Prof. Sourabh Dutta (PGIMER, Chandigarh), Prof. S. Venkateshan (PGIMER, Chandigarh), Prof. Jitendra Sahu (PGIMER, Chandigarh)	50
2	Workshop on making sense out of published research through Critical Appraisal (FRCB-III)	19/08/2023 and 20/08/2023	Prof. Joseph L. Mathew (PGIMER, Chandigarh), Prof. Dheeraj Shah (NIHFW, New Delhi), Prof. Deepak Chawla (GMC Chandigarh)	57
3	Principles and Practice of Systematic Reviews (FRCB-V)	30/09/2023 and 01/10/2023	Prof. Joseph L. Mathew (PGIMER, Chandigarh), Dr. Meenakshi Sachdeva (PGIMER, Chandigarh), Dr. Abhishek Purohit (PGIMER, Chandigarh), Dr. Meenakshi Malik (PGIMER, Chandigarh)	60

Sr. No.	Name of the workshop	Date	Names of facilitators	Number of participants
4	Workshop on From Evidence to Practice and Policy (FRCB-VI)	25/11/2023 and 26/11/2023	Prof. Joseph L. Mathew (PGIMER, Chandigarh), Dr. Manya Prasad (Clinical Research and Epidemiology Institute of Liver and Biliary Sciences, New Delhi), Dr. Jyoti Dixit (PGIMER, Chandigarh), Dr. Abhishek Purohit (PGIMER, Chandigarh)	56

Part B: Other workshops under FRCB

Sr. No.	Name of the workshop	Date	Names of facilitators	Number of participants
1	A workshop on Qualitative Research Methods (FRCB-I)	11/07/2023	Dr. Hemant Apte , Dr. Aarati Nagarkar (SPPU, Pune), Dr. Rutuja Patil (KEMHRC, Pune)	37
2	Workshop on 'Systematic Reviews and Meta-Analysis' (FRCB-IV)	12/09/2023 and 13/09/2024	Dr. Prof. Mahalaqua Nazli Khatib [Head, Division of Evidence Synthesis, Global Evidence Synthesis Initiative Centre (GESI), Faculty in ICMR Cochrane affiliate Centre, Datta Meghe Institute of Medical Sciences (DU), Wardha], Dr. Syed Zahiruddin Quazi [Executive Director, the Directorate of Research and Innovation, Datta Meghe Institute of Medical Sciences (DU), Wardha]	21
3	Research Proposal Development Workshop (FRCB-VII)	11/12/2023 and 12/12/2023	Dr. Nabendu Das Chatterjee (ICMR), Dr. Samiran Panda (ICMR), Dr. Manoj Das (INCLIN, New Delhi), Dr. Lakshminarayana Yaddanapudi (PGIMER, Chandigarh)	40

D. Pre PhD Coursework

Three workshops were conducted under Pre PhD Coursework (2023 Admission). CRPU members and some external faculty conducted it.

- i. Research Methodology Part I (Dates: 12/10/2023, 13/10/2023 and 14/10/2023)
- ii. Research Methodology Part II (Statistics) (Dates: 27/11/2023, 28/11/2023 and 29/11/2023)
- iii. Research and Publication Ethics (Dates: 15/01/2024, 16/01/2024 and 17/01/2024)

Total 35 participants attended it.

E. Workshops/Activities for PG students (for broad specialty)

i. Orientation to research program

CRPU conducts orientation to research program just after PG students are joined. In that basic idea about research is taught.

ii. Research Methodology workshops for PG Students

These workshops are conducted for every batch:

- a) Research Methodology
- b) Master chart preparation
- c) Data analysis and Dissertation writing
- d) Manuscript writing

iii. Regular review and monitoring of PG Dissertation

a) Scientific review

Scientific review of synopsis is conducted before submission to IEC.

b) Thesis review

It is conducted yearly for each batch.

iv. Journal Clubs

CRPU members attend journal clubs or PG students regularly.

F. Workshops/Activities for PG students (for super specialty)

i. Research Methodology workshops for DM/MCh and Fellows

It was conducted on 07/03/2024 and 08/03/2024. Total 30 participants attended it. CRPU members were facilitators.

ii. Scientific review

Scientific review was conducted before submission to IEC.

G. Activities for UG students

i. Certificate Course in 'Basic Research Methodology' for UG students

Three batches of this course are conducted (in year 2021, 2022, and 2023). Total 35 students were enrolled in 2021, 16 students were enrolled in 2022, 30 students were enrolled in 2023.

ii. ICMR-STs Sensitization and support

A session was conducted to sensitize UG students for ICMR STS on 16/11/2022. In 2022, only 10-15 ICMR STS projects were sent. But after sensitization there was drastic increase in number of ICMR-STS proposals in 2023. This year, the same session was conducted on 23/05/2024.

H. Review of research proposals for in-house funding

25 proposals reviewed and funded since 2021. From these two research articles are published.

I. Plagiarism Check, Grammarly check and technical check of manuscripts for refining the manuscript

CRPU checks plagiarism of manuscripts by using iThenticate software and helps to check Grammar using Grammarly.

J. Article Processing charges (APC) reimbursement if the article is published in PubMed indexed journal and having impact factor above two

Till date, APC is given to 6 articles.

K. Awards for Best publications (from last 3 years)

Each year articles are reviewed by committee. The criteria are

- i. Only Original article/Systematic Review/Meta-Analysis is considered
- ii. The journal should be indexed in PubMed
- iii. It should have impact factor 2 and above, article with highest impact factor is chosen
- iv. Work should be conducted in BVDUMC, Pune and affiliation should be BVDUMCH, Pune

Three best papers are selected. Prize of 50,000 (First paper), Rs. 25,000 (For second paper) and Rs. 10,000 are given for third paper.

L. Searching calls from extramural agencies and Review of research proposals for outside funding agencies

Till date, around 30 proposals are sent and 6 are approved.

M. Regular publication of Bharati Vidyapeeth Medical Journal (BVMJ) which is a quarterly, multispecialty, peer-reviewed, Open Access journal

Three volumes are published. The journal is indexed in Google Scholar. It is included in UGC CARE List.

N. Maintaining central registry for proposals from BVDUMCH, Pune

Last year 184 proposals were registered. This year, 46 proposals are received (till date).