

Deccan Education Society's (DES's)
Brihan Maharashtra College of Commerce
Research Methodology for Beginners

Report of Research Methodology for Beginners Extra Credit Course 2023

The Research Methodology Extra Credit Course (2 credits) for FY students of BMCC started on 15th May 2023. 42 students of BMCC across all bachelor programs enrolled for the course. A fee of Rs 2000/- per student was charged for the course.

Dr. Jagdish Lanjekar, Officiating Principal, BMCC initiated the online lectures, following which Prof Manjusha Wadekar delivered lectures and conducted practical sessions. The students also undertook a small research projects for practice.

Special sessions were organized for the students, wherein Professor, Dr. Prashant Sathe delivered a lecture on Review of Literature and Professor, Dr. Ashish Puranik delivered a lecture on Case Studies.

Principal, Dr. Jagdish Lanjekar addressed and interacted with the students of the Research Methodology Extra Credit Course and delivered a lecture on 23rd June 2023 in the Cyrus Poonawala Auditorium.

After the interaction, Viva's were conducted by Dr. Prashant Sathe, Dr. Deepak Poudel, Prof. Manjusha Wadekar and Dr. Vasudha Garde on 23rd June 2023 for the individual research projects done. Spiral bound reports are submitted by students.

Study material in the form of a Workbook has been prepared by Prof. Manjusha Wadekar and provided to the students. All the lectures have been recorded and will be preserved as a soft copy on CD.

Feedback form(Link <https://forms.office.com/r/tMTcuhG7Jg>) has been prepared and feedback of students is taken.

Students have been evaluated as follows-

Assignments (40 marks)

- ✓ Research topic selection.
- ✓ Aims and objectives of the research topic selected.
- ✓ Learning to observe and note it down.
- ✓ Reading relevant material.

Project (60 marks)

- ✓ Select a research topic other than the one in the assignment.
- ✓ Create a questionnaire.
- ✓ Collect the data, present the data in graphical and tabular form and analyze it statistically.
- ✓ Write research project report.

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Research Methodology for Beginners

Extra Credit Course Credits-2

Duration - 30 Hours (15 hrs.Lectures + 15hrs.Practical/Assignments)

Course Objectives

- ✓ *To study the concept and process of theoretical and applied research*
- ✓ *To introduce basic research methods and techniques for conducting a business research project*
- ✓ *To understand the implications of research for managerial decision making*

Course Outcomes

- ✓ *Student will be able to understand the meaning of research and the process involved in it.*
- ✓ *Student will be able to create a questionnaire and conduct the survey for collecting data.*
- ✓ *Student will be able to present the data in the graphical and tabular form and apply simple statistical tools to analyze the data.*
- ✓ *Student will be able to write the research report based on the findings from the data through a small research project that student will undertake as a part of this course.*

Unit	Topic	Theory	Practical
1	Basic concepts of Research - Meaning, Types of Research, Research Approaches, Research Process.	2	0
2	Research Design - Components of Research Design, Sampling Design, Statistical Design, Observational Design, Operational Design, Choosing the components of research design appropriately for a research project.	2	0
3	Data - Type of data, Quantitative and Qualitative data, Methods of data collection, Preparation of Questionnaire as a data collection tool.	3	3
4	Statistical Techniques – Statistical Tools, Measurement and Scaling Techniques, Errors in Measurement, Scale Construction Techniques, Concept of Hypothesis.	3	4
5	Data analysis - Arranging and presenting data using software like MS Excel, SPSS, Minitab. Pilot study- Concepts and Importance, Procedure of Testing of Samples, Sampling Distributions, Procedure of Testing of Hypothesis, Use of Statistical Tests for testing of hypothesis, Sampling Errors.	3	6
6	Interpretation of Data, Statistical Analysis and Research Report Writing.	2	2
	Total	15	15

Books Recommended

- Research Methodology - C.R.Kothari and Gauvrav Garg
- Research Methodology - Andersson
- Research Methodology: Concepts and Cases– Deepak Chawla and Neena Sodhi

Evaluation Pattern

Assignments (40 marks)

- ✓ Research topic selection.
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- ✓ Select a research topic other than the one in the assignment.
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Administration of the course

- ✓ Student will do the research individually. No group activity.
- ✓ Research project report will be submitted in a spiral bound book.
- ✓ Assignments to be submitted to the teacher.
- ✓ Workbook quizzes to be submitted to the teacher.

Course Schedule

- ✓ **Start Date:** May 15, 2023
- ✓ **Time:** 930 am – 11:30 am, Monday to Saturday
- ✓ **Mode:** Online Lectures + Practicals and On-campus Vivas

QUESTIONNAIRE

Sr. No.	Question	Answer
1	Has governing body passed resolution for 'in principle' approval for starting such course If yes, Copy be furnished.	No such certificate is required
2	Will the course be a residential or non-residential ? Is Hostel facility required ?	Non - Residential
3	What is the name of the course?	Research Methodology (for Beginners)
4	What is the total area of the premises required for setting up the course?	Use of existing Computer lab . for 2/3 weeks
5	Is the title of premises clear and free from all the encumbrances? Are there any constraints in using the premises from UGC / AICTE / Govt. etc?	NA/-
6	Have you obtained the No-Objection certificates from the concerned authorities to start the course?	Permissions are taken as per BMCC (Autonomous)Procedure.
7	Do you have approval from the AICTE/ UGC/ Other regulatory authority / Board / Government to start the course. If yes copy thereof and copy of the terms and conditions ?	NA/- As Autonomous BMCC we can introduce new extra credit courses.
8	Pl provide Interior design map of the premises where the proposed construction is to be done.	No new construction required, existing classroom to be used
9	Pl provide details of the infrastructure required.	IT infrastructure required. (Computer laboratory etc.) It is an online course with practicals
10	What will be the maximum and minimum number of students per class ?	Min. 15 Max. 60
11	Whether the course will have single division or multiple divisions of the same class?	Single division at inception and can be thought of as per requirement subsequently
12	Will the course run in shifts ?	Only Day Shift
13	What will be the timing of the course?	Morning 10 am to 11.30 am preferred.
14	What would be the total number of students in one class?	Average 50 students
15	What value addition student would be given ? In what period student would be able to recover the fees paid by him for the course?	NA
16	How many classrooms will it have?	NA
17	Will you need separate conference room? Computer room ? Library ? Staff Room ? If yes indicate approximate area	Computer room is required for practical training

	and infrastructure requirement with cost estimates .	
18	What is the break even point ?	18 Students per batch
19	Will you need any other separate area ? If yes indicate the purpose and approximate area required.	Not required
20	Who will conduct Exams ? Whether degree/ diploma / certificate would be issued?	BMCC will conduct the examination. 2 Credits will be given on completion of course
21	How much is the duration of the course? How many teaching hours?	30 hours (teaching and practicals).
22	What kind of light fittings & fixtures would be necessary?	Existing facilities are sufficient
23	How many benches, table & chairs, Black boards would be required ?	Existing facilities are sufficient
24	Provide estimated receipt and payment account for next three years and also indicate the capital investment required .	No Capital Investment required on part of BMCC or DES. Please refer to the excel sheet.
25	How much fee is to be charged from students ?	Fee Charged is 2000/- per student as
26	Who will decide the syllabus of the course?	Academic Council, BMCC
27	Who will select the staff? Whether the staff would be full time / part-time / visiting?	Visiting faculty from BMCC will teach.
28	What manpower is required? Is it readily available?	1 coordinator .1/2 visiting faculty, 1 support staff, Yes readily available
29	With whom the Intellectual property rights (IPR) shall be with ?	DES BMCC
30	Books of what amount will have to be purchased ?Initially and every year thereafter .	No purchases required on part of BMCC or DES
31	Do you propose to give any other extra facilities?	NA
32	How many Computers you need to purchase for the students?	No extra computers required
33	Are you planning to install a LCD projector for virtual teaching? If yes how many ?	No.
34	Cost & Financials: Costs are of two types; fixed and recurring. Fixed cost: Premises, equipments, Infrastructure cost. Recurring cost: Maintenance cost, Salary to teachers and staff. Admin expenses	Please refer to the excel sheet.
35	What will be the expected pay back period for the fixed one time investment made?	No extra/additional investment required on part of B.M.C.C. or DES
36	Is the Course going to be a Mustard Seed Project? i.e. start	Targeting 35 students in the

	small, grow & flourish? What is the outline& strategy of the project?	first year.
37	Which is the target group to be admitted in the course? whether it is lower middle class, upper middle class or rich class?	Students who have appeared for FY/SY . Based on merit and need based students. Lower middle or middle class.
38	What would be the fee structure ? Is it controlled by any authority ? any limitation on that ?	Extra credit course-2 credits. Fees Rs 2000/- as decided by the college..
39	What recognitions the industry has granted to this course?	NA
40	How will be the admission procedure for the students?	First come first admitted
41	Will the books be provided to the students by the course?	Yes, Workbooks will be provided .
42	Will the transportation facility be provided to the students?	No
43	How many teachers of what quality / eligibility will be recruited?	2/3 Teachers . Minimum qualification as prescribed by UGC
44	What will be the amount of salary to be paid to all of them together ?	As per DES norms.
45	How many non teaching employees will be recruited?	Minimum 1 required. Coordinator of Course
46	What will be the amount of salary to be paid to all of them together ?	Please refer to the excel sheet. As per DES norms.
47	What all extra-curricular activities the course will provide to its students?	NA
48	Do you have any proposal to raise funds for initial project cost?	NA
49	Will this course become self sufficient ? If yes in which year	Yes .
50	Any other input which you would like to give .	Significance of this course is that , by understanding basics of research young students, can inculcate a way of thinking which helps in decision- making .

Extra Credit Research Methodology Course

List of registered students – Fees paid Rs 2000/-

1.	Abbas Baniyan	abbasbaniyan307@gmail.com	8003432539	
2.	Abbas Tati	tati.abbu27@gmail.com	7976538046	
3.	Abhishek Giram	abhishekgiram.0@gmail.com	9273553855	
4.	Achal Wani	achalwani04@gmail.com	8767113620	BBA
5.	Aditi Giri	aditigiri001@gmail.com	9404074754	BBA CA
6.	Aditya Chavan	adityachavan.ad16@gmail.com	9175800280	BCOMFINTECH
7.	Ajay AppasoSonawane	ajay.sonawane1410@gmail.com	7841825400	SY BBA IB
8.	Amaan Shaikh	contact.amaanshaikh@gmail.com	9527106880	BCOM
9.	AnshumanKatore	anshumankatore17@gmail.com	9322071870	BBA
10.	AnushkaMuchlambkar	anumuchlambkar04@gmail.com	9322917244	BCOM
11.	Arya RajendraChoudhari	archoudhari26@gmail.com	9420226259	BCOM
12.	GAYatri Hajbe	rain6100@mail.com	9579970390	
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22.	Nikhil nagargoje	nikhilnagargoje122@gmail.com	8261813732	
23.	PrathamDarshan Gandhi	pdgandhi03@gmail.com	8767901299	BCOM
24.	Pratik Kamthe	psk04psk@gmail.com	9112299051	BCOM
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