

P.K.M. COLLEGE OF EDUCATION

MADAMPAM, KAITHAPRAM P. O., KANNUR – 670 631

(Govt. Aided Teacher Education Institution affiliated to Kannur University)

Recognized by NCTE included under UGC 2(f) & 12(B) category

Accredited by NAAC with 'A' Grade, (Second cycle -4 point scale), RUSA 2.0 beneficiary

1.2.2: Average Number of Value-added courses offered during the last five years

&

1.2.3: Percentage of Students enrolled in the Value-added courses mentioned at 1.2.2 during the last five years

VALUE ADDED COURSE ON RESEARCH IN EDUCATION



1.2.2: Average Number of Value-added courses offered during the last five years

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1.2.3: Percentage of Students enrolled in the Value-added courses mentioned at 1.2.2 during the last five years

Name of the Course: Value Added Course on Research in Education

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IN ASSOCIATION WITH IQAC

**VALUE ADDED COURSE
ON RESEARCH IN
EDUCATION**

2022-2024 batch

Research and scientific methods
Research Process
Collection, Interpretation and Analysis of data
stating the conclusion
current trends in Research

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BREEKANDAPURAM, KANNUR DT., KANNUR

P.K.M.COLLEGE OF EDUCATION MADAMPAM

VALUE ADDED COURSE

RESEARCH IN EDUCATION 2022-24

COURSE CODE: REPKM22

ABOUT THIS COURSE

AT A GLANCE:

Institution: P.K.M. College of Education, Madampam

Subject: Research in Education

Duration: 30 hours

Direct contact hours: 10 hours

Field work(conference/workshops/seminars): 10 hours

Working on task: 10 hours

Fee structure: Free

Admission Procedure: This course is free for all student teachers of P.K.M. and interested students can register their names through the faculty of Research and Development cell, P.K.M. college of education.

Level: Introductory

Prerequisites: Degree in any subject


Language: English

Instructor: Dr. Prasanth Mathew, Faculty in-charge of Research and Development cell, Assistant Professor in Physical Science, P.K.M. College of Education

Evaluation: Students will be evaluated on continuous basis. Students will have to submit assignments and tasks, participate and present research papers in seminars, conferences and workshops.

workshops.




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1.	Attendance	10
2.	Task	10
3.	Participation conference /workshop/seminar	10
4.	Research paper presentation	10
5.	Test	10

Course Certificate: All the participants who successfully complete the course hours will be awarded with a certificate.

Percentage Mark	Grade
Above 90%	A
Above 80%	B
Above 70%	C

Course Certificate: All the participants who successfully complete the course hours will be awarded with a certificate.

Course Description:

In the context of the UN Sustainable Development Goals, 'Next Generation Teacher at PKM' aims at the whole person development of the student teachers for which seven goals to be attained. Based on SDG 4: Quality Education, to ensure inclusive and quality education for all and to promote lifelong learning, PKM set the goal of become teachers as research undertakers who makes significant contributions in the areas of educational research. This course is to develop a research orientation among the student teachers and to acquaint them with fundamentals of research methods. Specifically, the course aims at developing scientific research approach and helps student teachers to familiarize with the ethical issues in educational research.




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Learning Outcomes

- Demonstrate the knowledge of research process
- Understand the basic concept and identify appropriate research topic
- Select and define appropriate research problem and parameters
- Develop skills in qualitative and quantitative data analysis and presentation
- Develop the skill of critical thinking

Course Syllabus:

Unit 1: Research and scientific methods

- 1.1 Research- definition, characteristics, objectives
- 1.2 Types of research
- 1.3 Research and scientific methods


Unit 2: Research Process

- 2.1 Identification and Formulating the research problem
- 2.2 Defining the research problem
- 2.3 Literature review- review of related concepts and theories
- 2.3 Formulation of hypothesis- Source, Characteristics and test of hypothesis

Unit 3: Collection, Interpretation and Analysis of Data

- 3.1 Collection of data- administering the tools/ instruments- observation, interview, case study, test, questionnaire, Treatments
- 3.2 Interpretation of Data
- 3.3 Analysis of data- Data Preparation-Descriptive/ inferential statistics (Frequency table, bar graphs, pie charts, percentages) – testing the hypotheses-testing the significance




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Unit 4: Stating the conclusion

- 4.1 Results and discussions
- 4.2 Findings
- 4.3 Conclusions and recommendations

Unit 5: Current trends in research

- 5.1 Challenges and opportunities to good research – Issues related to publishing and plagiarism
- 5.2 Writing a research paper, article, project and book
- 5.3 References, Appendixes, Citation methods-foot note, end note, bibliography and Citation rules- MLA, APA


Tasks:

- Write a research proposal
- Collect and analyze 4 different sample articles of Edutracks, Educational Monthly Journal

References:

1. Research Methodology – C.R.Kothari
2. Introducing Research Methodology: A Beginner's Guide to Doing a Research Project, by Uwe Flick
3. Research Methods in Education, by Louis Cohen, Lawrence Manion, Keith Morrison
4. Research in Education, 10th Edition, Best & Kahn
5. Methodology of Educational Research, Lokesh Koul




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P.K.M. COLLEGE OF EDUCATION, MADAMPAM
RESEARCH AND DEVELOPMENT CELL
STUDENT LIST -2022-2024 BATCH

VALUE ADDED COURSE
ON
RESEARCH IN EDUCATION
2022-2024 BATCH

Sl No	Reg No	Name of the candidate	Optional subject
1.	PM22EDEN03	CHRISTY MARIYA JOY	English
2.	PM22EDEN06	JYOTHIS CYRIAC	English
3.	PM22EDML05	HASEENA C M	Malayalam
4.	PM22EDML07	MARIYA BABY	Malayalam
5.	PM22EDMM01	AKHILA V	Mathematics
6.	PM22EDMM03	ARCHANA K N	Mathematics
7.	PM22EDMM05	JOBINA JOSE	Mathematics
8.	PM22EDNS01	AISWARYA P V	Natural Science
9.	PM22EDNS05	SAHILA YASMIN K	Natural Science
10.	PM22EDPS01	ANITTA ROY	Physical Science
11.	PM22EDPS02	ANJU T MATHEW	Physical Science
12.	PM22EDPS03	ANN MARIA RAJU	Physical Science
13.	PM22EDPS04	ANUSHA V	Physical Science
14.	PM22EDPS05	CHRISTY PHILIP	Physical Science
15.	PM22EDPS06	DIVYA K S	Physical Science
16.	PM22EDPS07	DRISHYA P P	Physical Science
17.	PM22EDPS08	AKSHAY SUKUMARAN	Physical Science
18.	PM22EDSS02	ANAGHA K	Social Science
19.	PM22EDSS06	TINCY THOMAS	Social Science



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