



Sadakathullah Appa College

(Autonomous)

(Reaccredited by NAAC at an 'A' Grade. An ISO 9001:2015 Certified Institution)
Affiliated to Manonmaniam Sundaranar University, Tirunelveli, Tamil Nadu.

CRITERION III

RESEARCH, INNOVATION AND EXTENSION

3.4.1 Code of Ethics for Research

AQAR 2021-2022



Sadakathullah Appa College

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Research Methodology Courses

List of Courses & Syllabus

NAME OF THE PROGRAMME	TITLE OF THE COURSE
M.COM.	RESEARCH METHODOLOGY
M.A.ENGLISH	RESEARCH METHODOLOGY
M. Phil. COMPUTER SCIENCE	RESEARCH AND TEACHING METHODOLOGY
M.Phil. COMMERCE	RESEARCH METHODS IN COMMERCE
M. Phil. MATHEMATICS	RESEARCH AND EDUCATIONAL METHODOLOGY
M.Phil. PHYSICS	RESEARCH AND TEACHING METHODOLOGY
M.Phil. HISTORY	HISTORIOGRAPHY AND RESEARCH METHODOLOGY



Principal

PRINCIPAL
SADAKATHULLAH APPA COLLEGE
Rahmath Nagar, TIRUNELVELI - 627 011



III SEMESTER			
DSC12	RESEARCH METHODOLOGY		18PCC034
Hrs/Week: 5	Hrs / Sem: 75	Hrs. / Unit: 15	Credits: 4

Objectives

- To enable the students to understand the basic concept of Research Methods
- To help students acquire the skill set for Research in Commerce

UNIT I

Introduction - Meaning, Objectives - Types of research and its significance- Research process; Research Problem- Defining a research problem and techniques; Research Design - Meaning and need for research design, Features and Importance of research design - different types of research design

UNIT II

Sampling - Sample Methods - meaning - definition - different types of sampling- merits - demerits - criteria for sample selection.

UNIT III

Collection of data - collection of primary data - questionnaire - interview method - observation method- other methods of data collection - secondary data - sources

UNIT IV

Analysis of Data - Editing - Coding - Tabulations; Applications of statistical tools - Average - Correlation - Chi-square- ANOVA – using SPSS in the analysis of Data.

UNIT V

Report writing - Significance, types, Format of reports- Computers in research – References.

Note: 100% Theory

TEXTBOOK:

C.R. Kothari - Research Methodology - Methods and Techniques, New International (P) Ltd., Publishers - 2005

REFERENCE BOOKS:

1. Donald R. Cooper, Business Research Methods, Tata McGraw Hill
2. Anderson et - al - Thesis and assignment writing
3. Goode and Hatt- Methods of Social Research
4. Wilkinson and Bhandakar- Methods and Techniques of Social research
5. Research Methods for Business Students - Mark Saunderer Philp Lewis - Pearson Publication Singapore Pvt. Ltd.
6. Business Research Methods - William G Zilmund, Thomson Asia Pvt. Ltd.

III SEMESTER			
DSC-12	RESEARCH METHODOLOGY		18PCEN34
Hrs./Week:5	Hrs./Sem.: 75	Hrs./Unit:15	Credits:4

Unit I Principles of MLA Style

Introduction: Why Document Sources? – Plagiarism and Academic Dishonesty – Think : Evaluating Your Sources – Select : Gathering Information about Your Sources – Organize : Creating Your Documentation – The List of Works Cited – The Core Elements – Author – Title of Source – Title of Container – Other Contributors – Version – Number – Publisher – Publication Date – Location.

Unit II Mechanics of Scholarly Prose

Names of Person – First and Subsequent Uses of Names – Titles of Authors – Names of Authors and Fictional Characters – Names in Language Other than English – Title of Sources –Capitalization and Punctuation – Italics and Quotation Marks – Shortened Titles – Titles of Sources in Language Other than English – Quotations – Use and Accuracy of Quotations – Prose –Poetry – Drama – Ellipsis – Other Alterations of Quotation – Punctuation with Quotations.

Unit III Works Cited

Names of Authors – Variant Forms – Titles and Suffixes – Co-authors – Titles – Introduction, Preface, Foreword, or Afterword – Publisher – Locational Elements – Plus Sign with Page Number – URL's and DOI's – Punctuation in the Works-Cited-List – Letter by Letter Alphabetization – Multiple Works by One Author.

Unit IV In-Text Citations

Authors – coauthors – Corporate Author – Title – Abbreviating Titles of Sources – Descriptive Terms in Place of Titles – Numbers in In-Text Citations – Style of Numerals – Numbers in Works Available in Multiple Editions – Other Citations Not Involving Page Numbers.

Unit V Format of Research Paper

Printing or Typing – Paper – Margins – Spacing – Heading and Titles – Page Numbers – Table and Illustrations –Corrections and Insertions – Binding – Electronic Submission.

TEXTBOOKS:

MLA Handbook 8th Edition. (Unit I, II, III & IV)

MLA Handbook 7th Edition.(Unit V)

M. PHIL. COMPUTER SCIENCE SYLLABUS

(Applicable for students admitted in June 2018 and onwards)

I SEMESTER			
DSC1	RESEARCH AND TEACHING METHODOLOGY		18MCCS11
Hrs/Week:4	Hrs/ Sem:60	Hrs/Unit:12	Credits: 4

OBJECTIVES:

- To develop understanding of the basic framework of research process.
- To develop an understanding of various research designs and techniques.
- To identify various sources of information for literature review and data collection.
- To develop an understanding of the ethical dimensions of conducting applied research.
- Appreciate the components of scholarly writing and evaluate its quality.

UNIT I INTRODUCTION TO RESEARCH

Meaning of Research – Objectives of Research – Motivation in Research – Types of Research – Research Approaches – Significance of Research – Research Methods versus Methodology – Research and Scientific Method – Importance of knowing how research is done – Research Process – Criteria of Good Research – Defining the Research Problem – Selecting the Problem – Necessity – Techniques involved in defining a problem – Research Design – Meaning – #Need# – Features of Good Design.

UnitII Data Collection and analysis:

Execution of the research - Observation and Collection of data - Methods of data collection – Sampling Methods- Data Processing and Analysis strategies - Data Analysis with Statistical Packages - Hypothesis-testing - Generalization and Interpretation. RESEARCH TOOLS Introduction – SPSS – MATLAB – LaTeX –#Weka# # # self-study portion

Unit III Reporting and thesis writing

Structure and components of scientific reports - Types of report – Technical reports and thesis – Significance – Different steps in the preparation – Layout, structure and Language of typical reports – Illustrations and tables - Bibliography, referencing and footnotes - Oral presentation – Planning – Preparation – Practice – Making presentation – Use of visual aids - Importance of effective communication –. Interpretation of Data and Paper Writing – Layout of a Research Paper, Journals in Computer Science, Impact factor of Journals.

Unit IV Application of results and ethics –

Environmental impacts - Ethical issues - ethical committees - Commercialisation – Copy right – royalty - Intellectual property rights and patent law – Trade Related aspects of Intellectual Property Rights – Reproduction of published material – Plagiarism - Citation and acknowledgement - Reproducibility and accountability.

UNIT V Methodology of Teaching

Teaching –Objective of Teaching-Phases of Teaching-Teaching Methods: Lecture Methods-Discussion Methods-Discovery Learning-Inquiry, Problem Solving Methods-Project Method-Seminar-Integrating ICT in Teaching-Individualised Instruction, Ways for Effective Presentation with Power Point-Documentation-Evaluation: Formative-Summative-Continuous and Comprehensive Evaluation-Later Adolescents Psychology: Meaning Physical, Cognitive, Emotional, Social and Moral Development-Teaching Later Adolescents.

COURSE OUTCOMES:

- Understand some basic concepts of research and its methodology
- Identify appropriate research topics
- Select and define appropriate research problem parameter
- Overview & concepts of research
- The need for research and types of research
- Steps in conducting research, prepare a project proposal
- Organize and conduct research in a more appropriate manner
- Write a research report, thesis and research proposal

REFERENCES

1. Garg, B.L., Karadia, R., Agarwal, F. and Agarwal, U.K., 2002. An introduction to Research Methodology, RBSA Publishers.
2. Kothari, C.R., 1990. Research Methodology: Methods and Techniques. New Age International. 418p.
3. Sinha, S.C. and Dhiman, A.K., 2002. Research Methodology, EssEss Publications. 2 volumes.
4. Trochim, W.M.K., 2005. Research Methods: the concise knowledge base, Atomic Dog Publishing. 270p.
5. Wadehra, B.L. 2000. Law relating to patents, trade marks, copyright designs and geographical indications. Universal Law Publishing.

Additional Reading

1. Anthony, M., Graziano, A.M. and Raulin, M.L., 2009. Research Methods: A Process of Inquiry, Allyn and Bacon.
 2. Carlos, C.M., 2000. Intellectual property rights, the WTO and developing countries: the TRIPS agreement and policy options. Zed Books, New York.
 3. Coley, S.M. and Scheinberg, C. A., 1990, "Proposal Writing", Sage Publications.
 4. Day, R.A., 1992. How to Write and Publish a Scientific Paper, Cambridge University Press.
 5. Fink, A., 2009. Conducting Research Literature Reviews: From the Internet to Paper. Sage Publications
 6. Leedy, P.D. and Ormrod, J.E., 2004 Practical Research: Planning and Design, Prentice Hall.
- Satarkar, S.V., 2000. Intellectual property rights and Copy right. EssEss Publications.

SADAKATHULLAH APPA COLLEGE (AUTONOMOUS)

DEPARTMENT OF COMMERCE

M.Phil. (COMMERCE) SYLLABUS

I SEMESTER			
DSC1	RESEARCH METHODS IN COMMERCE	18MCCO11	
Hrs./Week: 4	Hrs./Sem: 60	Hrs./Unit: 12	Credits: 4

Objectives

- To gain the various research methods in commerce (social science) research
- To acquire the depth knowledge in the research methods

UNIT - I: Fundamentals of Research

Introduction to Research: - Social Research – Nature, significance – Types of Research – Methods of Research. Research Design – Factors affecting research design – Selection and formulation of a research problem – need and importance of review of literature.

UNIT - II: Data collection methods

Data resources – Census Vs Sample – Primary Vs Secondary – Sampling techniques – Sample size determination – Selection of Appropriate methods for data collection – Questionnaire design – pilot study – pre-testing – Interviews – Scaling techniques – Collecting Government data – Sources.

UNIT - III: Analysis of Data

Processing and analysis – methods – Hypothesis – formulation – testing of hypothesis. Correlation – Regression Analysis – Chi-square – ANOVA – Rating Scales – *t*-test (one variable only) – Interpretation

UNIT - IV: Preparation of Research Report

Preparation of research report – types - layout – essentials of good report format – contents – Editing – Coding – tabulation – steps in drafting report – Annexure – Bibliography.

UNIT - V: Methodology of Teaching

Teaching – Objectives of Teaching – Phases of Teaching Methods: Lecture Methods, Discussion Method, Discovery Learning, Inquiry, Problem Solving Method, Project Method, Seminar – Integrating ICT in Teaching: Individualised Instruction, Ways for Effective presentation with PowerPoint – Documentation – Evaluation: Formative, Summative, Continuous and Comprehensive Evaluation – Later Adolescent Psychology: Meaning, Physical, Cognitive, Emotional Social Moral Development – Teaching Later Adolescents.

(Note:100% Theory)

Text Book:

Research Methodology – Dr. N. Thanulingam and A. Arulanandam, Rainbow Publication, Coimbatore

Reference Books:

1. C.R. Kothari – Research Methodology – Methods and Techniques. The New international (P) Ltd., Publishers – 2005
2. Donald R. Cooper, Business Research Methods, Tata McGraw Hill
3. Wilkinson and Bhandakar – Methods and Techniques of Social research
4. Research Methods for Business Students – Mark Saunderer Philp Lewis – Pearsons Publication Singapore Pvt. Ltd.
5. Business Reseach Methods – William G Zilmund Thomson Asia Pvt. Ltd.
6. Scientific Social surveys and Research – Practice Hall of India P.Ltd. – by Paulin V.Young.
7. Thesis and Assignment Writing by Anderson J. Berry. H.D. & Poole, M.
8. MethodsofSocialSurveyandResearch –KitapGhar, AcharyaNagar, Kanpur – 3. – By S.R.Bajpai
9. Sampath K. Paneerselvan A & Santhanam S (1984) Introduction to educational technology, (2nd revised ed.) Sterling Publishers, New Delhi.
10. Sharma S.R. (2003) Effective class room teaching modern methods, tools & Techniques, Mangal Deep, Jaipur
11. Vedanayagam, E.G. (1989) Teaching methodology for College Teachers, Sterling Publishers, New Delhi.

M. Phil. MATHEMATICS SYLLABUS

(Applicable for students admitted in June 2018 and onwards)

I SEMESTER			
DSC 1	RESEARCH AND EDUCATIONAL METHODOLOGY	18MCMA11	
Hrs/Week: 4	Hrs/ Sem: 60	Hrs/Unit: 12	Credits: 4

Course Objectives

- Provide the overview of research methodology.
- Develop their skills in Latex and MATLAB.
- Introduce the required mathematical research foundations of the Banach Algebra.
- Improve their skills in Teaching methodology

UNIT I: Research Methodology: What is Research - Literature Collection - Research Report - Research Report (Formatting and Typing).

UNIT II: LATEX: Drawing with Latex - Presentation Material – Letters- **MATLAB:** Graphics – Basics 2D Plots – Using subplot for Multi Graphs – 3D Plots.

UNIT III: Banach Algebras : Introduction – Complex homomorphism – Basic Properties of spectra – Gelfand Mazur Theorem.

UNIT IV: Commutative Banach Algebras: Ideals and homomorphisms – Wiener's lemma – Gelfand transforms - Involutions – Gelfand Naimark Theorem

UNIT V: Methodology of Teaching: Teaching – Objectives of Teaching, Phases of Teaching – Teaching Methods: Lecture Method, Discussion Method, Discovery Learning. Inquiry, Problem Solving Method, Project Method, Seminar – Integrating ICT in Teaching: Individualized Instruction, Ways for Effective Presentation with Power Point – Documentation – Evaluation : Formative, Summative and Continuous and Comprehensive Evaluation – Later Adolescent Psychology: Meaning, Physical, Cognitive, Emotional, Social and Moral Development – Teaching Later Adolescents.

TEXT BOOKS:

1. Research Methodology for Biological Sciences by N. Gurumani - MJP Publishers.

UNIT I- Chapters 1,2,4,7

2. Guide to LATEX by Helmut Kopka and Patrick W. Daly, Fourth Edition, Addison – Wesley, Pearson Education, 2004.

UNIT II- Chapters 16, 17, 18

3. Getting Started with MATLAB – A quick introduction for Scientist and Engineers by Rudra Pratap, Oxford University Press 2003.

UNIT II- Chapters 6 (6.1 – 6.3)

4. Functional Analysis (Second Edition) by Walter Rudin- Tata McGraw-Hill Publishing Company Ltd, New Delhi.

UNIT III: Chapter 10 (10.1 to 10.20)

UNIT IV: Chapter 11 (11.1 to 11.20)

References: (For UNIT – V)

1. Sampath.K., Panneerselvam. Aand Santhanam. S., (1984), Introduction to educational technology. (2nd revised). New Delhi: Sterling Publishers.
2. Sharma.S.R.(2003). Effective classroom teaching modern methods, tools and techniques. Jaipur:Mangal Deep.
3. Vedanayagam, E.G. (1989). Teaching technology for college teachers, New York : Sterling Publishers.

Course Learning Outcomes:

- After successful completion of this course, students will be able to understand research methods and typeset mathematical document in Latex and MATLAB
- Possess the basic knowledge about Banach Algebra and Spectral theory
- Acquire detailed knowledge about Teaching Methods, Integrating ICT in Teaching and Ways for Effective Presentation with Power Point, Documentation and Evaluation.

M.Phil. Physics

I SEMESTER

RESEARCH AND TEACHING METHODOLOGY			
DSC 1			18MCPH11
Hrs/Week: 4	Hrs/ Sem: 60	Hrs/Unit: 12	Credits: 4

Preamble: To introduce the knowledge on research. This paper provides a broad knowledge on methods of research and teaching, problem solving and analytical techniques

Course Outcomes: Students who completed this course should

- ✓ Have made progress with research leading to a M.Phil thesis.
- ✓ Capable to deliver oral presentation and written report to a very high international standard
- ✓ In-depth analysis & study of the selected research topics
- ✓ refill communication skill – demonstrate the capability in written and spoken (English as a medium) to present and discuss research information within the scientific community and society.
- ✓ Be familiar with the main statistical tests used in Physics.
- ✓ Be familiar with the numerical methods
- ✓ Be familiar with the different methods of teaching

Unit I: Basics of Research

Basics: Meaning, purpose and characteristics of research –. Scientific research : Aim and motivation - Principles and ethic: Identification of research problem - Current status – Literature survey – Abstraction of a research paper – Role of research guide and researcher – Preparation and presentation of scientific reports- Need and methods (Oral and poster) – Writing of synopsis and dissertation.

Unit II: Modern Research Practices in Scientific Research

Usage of open source software and freely licensed software for research work and data analysis – Effective use of internet for research needs-Collaborative work- Interdisciplinary research - scholarly research articles –National, International and Electronic Journals- Online submission of research articles -Open access articles benefits- Impact factor, h-index- Citations- Seminars, workshops, conferences and symposia- Respecting copy rights- Avoiding plagiarism- Intellectual property rights and patents.

Unit III: Methods of Data Analysis

Data-collection – Statistical description of data (mean, median mode, kurtosis , skewness,) – Distributions (Student's t-test, F-test, Chi-square test &Annova), Correlation (linear and nonparametric/rank); Modeling data: Least squares, Fitting data – linear and non-linear models. Pictorial representation of data.

Unit – IV: Numerical Methods

Iterative methods: Newton Raphson iterative method – Secant Method; Interpolation: Newton's forward and backward difference formulae; Differentiation and Integration: Numerical differentiation with interpolation polynomials – Numerical Integration by Trapezoidal and Simpson's rule- Ramberg integration.

Unit – V: Methodology of Teaching:

Teaching – Objectives of Teaching, Phases of Teaching – Teaching Methods: Lecture Method, Discussion Method, Discovery Learning, Inquiry, Problem Solving Method, Project Method, Seminar – Integrating ICT in Teaching: Individualised Instruction, Ways for Effective Presentation with Power Point – Documentation – Evaluation: Formative, Summative & Continuous and Comprehensive Evaluation – Later Adolescent Psychology: Meaning, Physical, Cognitive, Emotional, Social and Moral Development – Teaching Later Adolescents.

Books for Reference

1. Thesis and Assignment Writing – J Anderson, B.H. Dursten and M. Poole, Wiley Eastern (1977).
2. A Hand Book of Methodology of Research – P. Rajammal and P. Devadoss, R.M.M Vidya Press (1976).
3. Research Methodology – S.Rajasekar, P.Philominathan, V. Chinnathambi, RPC Publications, Tirunelveli. (2014)
4. Computer Oriented Numerical Methods – V. Rajaraman, Prentice Hall of India.
5. Numerical Methods for Scientific and Engineering Computation – MK Jain, SRK Iyengar and RK Jain, Wiley Eastern publ.
6. Sampath K, Panneerselvam, A & Santhanam S (1984). Introsuction to educationaltechnology. (2nd revised ed.) New Delhi: Sterling Publishers.
7. Sharma. SR (2003) Effective classroom teaching modern methods, tools & techniques. Jaipur: Mangal Deep
8. Vendanayagam EG (1989). Teaching technology for college teachers. New York: Sterling Publishers

Mphil-English

I SEMESTER			
DSC1	RESEARCH AND EDUCATIONAL METHODOLOGY	18MCEN11	
Hrs./Week:4	Hrs. / Sem.: 60	Hrs. / UNIT: 12	Credits: 4

COURSE OUTCOME:

Student-scholars learn the philosophy and the mechanics of research writing in English.

UNIT – 1 Research and Writing

- Selecting a Topic (1.3)
- Compiling a Working Bibliography (1.5)
- Taking Notes (1.7)
- Outlining (1.8)
- Writing Drafts (1.9)

UNIT – 2 Plagiarism and Academic Integrity

- Definition of Plagiarism (2.1)
- Consequences of Plagiarism (2.2)
- Information Sharing Today (2.3)
- Unintentional Plagiarism (2.4)
- Forms of Plagiarism (2.5)

UNIT – 3 The Mechanics of Research and Format

- Punctuation (3.2)
- Numbers (3.5)
- Title of Works in the Research Paper (3.6)
- Quotations (3.7)
- The Format of the Research Paper (4.1 to 4.9)

UNIT – 4 Documentation

- Documenting Sources (5.1)
- The List of Works Cited (5.3)
- Citing Periodical and Print Publications (5.4)
- Citing Web Publications (5.6)

Documentation: Citing Sources in the Text (6.1 to 6.5)

UNIT – 5 Methodology of Teaching

Teaching – Objectives of Teaching – Phases of Teaching – Teaching Methods: Lecture Methods, Discussion Method, Discovery Learning, Inquiry, Problem Solving Method, Project Method, Seminar – Integrating ICT in Teaching: Individualized Instruction, Ways for Effective presentation with Power Point – Documentation – Evaluation: Formative, Summative , Continuous and Comprehensive Evaluation – Later Adolescent Psychology: Meaning , Physical, Cognitive, Emotional, Social and Moral Development – Teaching Later Adolescents.

TEXTBOOKS:

1. Gibaldi, Joseph : MLA Handbook for Writers of Research Papers (seventh edition) (UNITS 1,2,3 and 4)
2. Sampath K, Paneerselvam A & Santhanam S .*Introduction to educational Psychology* (2nd revised Ed.).New Delhi: Sterling Publishers, 1984.
3. Sharma S R. *Effective Class Room Teaching Modern Methods, Tools & Techniques*, Jaipur: Mangal Deep, 2003.
4. Vedhanayagam E G. *Teaching Methodology for College Teachers*. New Delhi: Sterling Publishers, 1984.

REFERENCE BOOK:

1. Anthony C.Winkler & Jo Ray Metherell: *Writing the Research Paper: A Handbook*.

M.Phil-History

I SEMESTER			
DSC-1	HISTORIOGRAPHY AND RESEARCH METHODOLOGY		18MCHS11
Hrs/Week:4	Hrs/ Sem: 60	Hrs/Unit:12	Credits: 4

UNIT I

Meaning of History and Historiography and Definitions of History – Scope and Purpose of History – Uses and abuses of History

Is History an Art or Science?

Kinds of History and Subjects related to History

Lessons of History

Causation in History – Role of Individuals and Role of Ideas

UNIT II

Ancient Historiography – Greeco - Roman Tradition

Medieval Historiography – Church and Arabic historiography

Modern Historiography – Ranke and A.J. Toynbee

UNIT III

Ancient Indian Historiography

Medieval Indo-Muslim Historiography

British Imperialist Historiography of India

Nationalist Historiography

Some Modern Historians – D.D. Kosambi – Romilathopar – Irfan Habib – K.A. Nilakanda– Sastri K.K. Pillai

UNIT IV

Scope of Historical Research – Requisite of a Researcher

Historical Sources

Sources for History of India

Selection of Topic

Objectivity in Historical Writing

Analysis of Data

Synthesis

Exposition

Bibliography

Concept of Thesis

UNIT V

Methodology of Teaching : Teachings –Objectives of Teaching, Phase of Teaching – Teaching Methods: Lecture Method, Discussion Method, Discovery Learning, Inquiry, Problem Solving Method, Project Method, Seminar – Integrating ICT in teaching: Individualised Instruction, Ways for Effective Presentation with Power Point – Documentation – Evaluation: Formative, Summative, & Continuous and Comprehensive Evaluation – Later Adolescent Psychology: Meaning, Physical, Cognitive, Emotional, Social and Moral Development- Teaching Later Adolescents

TEXT BOOKS:

1. Sheik Ali, History: Its Theory and Method, Madras, 1991
2. R.C. Majumdar, Historiography in Modern India, Bombay, 1970
3. K. Rajayyan, History in Theory and Method, Madurai 1993
4. N. Subramanian, Historiography, Madurai, 1973
5. G. Venkatesan, Historiography, Madurai 1994
6. E. Sreedharan, A Text Book of Historiography (500 B.C. to A.D. 2000), Orient Longman, 2004
7. Sharma, S. R. (2003). Effective classroom teaching modern methods, tools & techniques. Jaipur: Mangal Deep.

REFERENCE BOOKS:

1. E.H. Carr, What is History? London, 1961
2. R.G. Collingwood, The idea of History, Oxford, 1994
3. Will Durant, The Lessons of History, New York, 1968
4. P. Geyle, From Ranke to Toynbee, 1952
5. G.P. Gooch, History and the Historians in the 19th Century, London, 1961
6. W. Halperin, Some 20th Century Historians, Chicago, 1961
7. P. Hardy, Historians of Medieval India, 1960
8. B.N. Lunia, Some Historians of Medieval India, Bombay, 1969
9. R.C. Murthy, Handbook of Research Methodology in History, New Delhi
10. K.A. NilakantaSastri, Historical Method, Mysore. 1956
11. V.S. Pathak, Ancient Historians of India, Bombay, 1966
12. C.H. Philips, Historians of India, Pakistan and Ceylon, London, 1993
13. A.L. Rowse, The Use of History, London 1963
14. S.P. Sen (ed.), Historians and Historiography in Modern India, Madurai 1973
15. B.S. Chandrababu, Subaltern Revolts in Tamil Nadu, Madurai, 2001
16. Sampath, K., Pannerseivam, A. & Santhanam, S. (1984). Introduction to educational technology. (2nd revised ed.). New Delhi: Sterling Publishers.
17. Vedanayagam, E. G. (1989). Teaching technology for college teachers. New York: Sterling Publishers.



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