

**Learning Outcomes-based Curriculum Framework
(LOCF)
for
Post-Graduate Diploma Programme**

**PG Diploma in
Palaeography and Conservation of Manuscripts**
(Syllabus with effect from 2022 admission onwards)



**Oriental Research Institute and Manuscripts Library
University of Kerala
2022**

Oriental Research Institute and Manuscripts Library

Brief History

Oriental Research Institute and Manuscripts Library is one of India's largest Manuscripts libraries, with a history starting from 1908. The manuscripts collection in the Palace Library of the Royal Dynasty of Travancore created the nucleus of this Institution. From there, it has grown into one of India's most important manuscripts libraries by collecting different types of manuscripts from Kerala and other parts of India. This institution became part of the University of Travancore in 1940, and now it is one of the prestigious academic institutions and Indological Research Centre of the University of Kerala. The vast collection of manuscripts in the library attracts visitors world-wide.

Among the vast collection of manuscripts, 80 % are palm leaf manuscripts collection. There are more than 65,000 manuscripts in the library. They vary from scripts, languages, subjects and writing materials. This is the treasure house of the University of Kerala, having an intensive collection of rare manuscripts like Bhasa Nataka, Arya Manjushri Mula Kalpa, Ramacharitham in Vattezhuthu, Chithra Ramayana, Rudrakshamala, Lakshanasasthra, Marati pictorial paper manuscript etc. The first Curator Dr. T. Ganapati Sasthri discovered 13 unpublished plays of Bhasa from Kerala and published them in the Trivandrum Sanskrit Series and for this outstanding achievement, the Tubingen University of Germany honoured him with a Doctorate Degree in 1924.

The functions of this department include research activities, editing and publication of manuscripts and teaching-learning process. The Department publishes two prestigious journals, '*The Journal of Manuscript Studies*', which is a UGC care listed journal and '*Pracheena Kairali*'. The other three series of publications of the Department include The Trivandrum Malayalam Series, The Trivandrum Sanskrit Series and The Trivandrum Tamil Series for editing and publishing manuscripts.

SYLLABUS

**Post Graduate Diploma
in
PALAEOGRAPHY AND CONSERVATION OF MANUSCRIPTS
Oriental Research Institute & Manuscripts Library
University of Kerala**

PROGRAMME AND PROGRAMME SPECIFIC OUTCOMES

Programme Outline

This programme is conceived as a bridge programme to introduce Learners the basic awareness of Palaeography and Manuscriptology and develop skills on these disciplines. The knowledge and skills transacted through this course will enable them to study all aspects of manuscripts and take up higher studies and research in Manuscriptology and Palaeography. The course aims to produce individuals trained in Manuscriptology, a highly specialised area, so that studies and research in Manuscriptology are extended outside the few research centres in the University of Kerala. The extensive manuscript collections now available in Kerala require a large number of trained and dedicated researchers to study, catalogue, edit and the manuscripts thereby tapping the vast knowledge and cultural memory contained in them for the benefit of the society. The proposed course will cover basic knowledge about Manuscripts and Manuscriptology and provide hands-on training in reading and writing old scripts, manuscript editing and textual criticism and also conventional and modern techniques of conservation of manuscripts. The course will be evaluated through continuous assessment, end semester exams, text editing as project and viva-voce.

Programme Outcomes

- PO1.** : Familiarize the learner with Manuscripts, Palaeographic studies, their contents and the manuscript culture of Kerala
- PO2.** : Provide a basic understanding of the concepts, principles and practice of Manuscriptology and Palaeography
- PO3.** : Provide knowledge and skills for reading and writing the ancient scripts, Grantha and Vattezhuthu.

PO4. : Impart knowledge and skills in methods of manuscripts conservation

PO5. : Provide an understanding of the principles of Textual Criticism and develop text editing skills.

Programme Specific Outcomes

PSO1 : The Programme will provide the knowledge of the history and development of Manuscriptology and Palaeography in India, especially Kerala.

PSO2 : It will develop the skill of reading ancient scripts and writing Gantha and Vattezhuthu scripts

PSO3 : It will introduce digital methods of manuscript study, editing and conservation to the practitioners of Manuscriptology and Palaeography.

PSO4 : The programme will familiarize the learners with advanced methods of Text Editing.

PSO5 : It will give awareness of contemporary practices in Manuscriptology.

Eligibility for Admission

- ❖ Bachelors Degree in any discipline with minimum 50% marks. Relaxation for SC/ST as per University norms.

Mode of Selection

- ❖ Selection will be made on the basis of the entrance test conducted by the University of Kerala.

Programme Structure and Duration

- ❖ The programme extends over a period of **12** months consisting of two semesters including the examinations.

Examinations and Evaluations

- Examinations and Evaluations will be as per the general regulations of the University adopted for the PG Diploma Programme. For each course, 40% of the total marks will be allotted to continuous

assessment and 60% for the end semester exam. There should be a project submission and a Viva-voce in the second semester for 200 marks.

- Answers can be written either in Malayalam or in English.

Fee Structure for the programme.

- Application Fee and Entrance Examination : Rs. 1000/-
- Tuition Fee : Rs. 5000/-
- Caution Deposit : Rs. 1000/-
- DDF : Rs. 2500/-
- Examination Fee (Rs. 500/- per paper) : Rs. 3500/-
- Fee for subsequent appearance per paper : Rs. 500/-

Nature of Result

The final result will be based on total marks obtained by adding CA and ESA together for each candidate. Successful candidates passing the examinations and earning 80% or above shall be declared to have passed in First Class with distinction and those who earned marks 60% or above will be declared to have passed in First class. Those who have scored below 60% shall be declared to have passed in Second Class. Candidates earning marks below 50 will be declared Failed.

Programme Structure and Scheme of Evaluation

Sem. No.	Course Code	Course Title	Credits	Marks		
				CA	ESA	Total
I	PCM511	Fundamentals of Palaeography and Manuscriptology	4	40	60	100
	PCM512	Writing Materials	4	40	60	100
	PCM513	Grantha Script	4	40	60	100
	PCM514	Conservation of Manuscripts	4	40	60	100
II	PCM521	Vattezhuthu Script	4	40	60	100
	PCM522	Project Work	16			150
	PCM523	Viva-Voce				50
		Total	36			700

SEMESTER I

DETAILED SYLLABUS

Semester : I	Course Code : PCM -511
Course Title : FUNDAMENTALS OF PALAEOGRAPHY AND MANUSCRIPTOLOGY	Credits : 4

About the Course: This course focuses on the general awareness of Manuscriptology and Palaeography. It deals with the definition of manuscripts, general steps of Manuscript studies, significance, history of writing in Ancient India. It also gives special reference to the Oriental Research Institute and Manuscripts Library (ORI & MSSL), University of Kerala.

Learning Outcomes:-

On completion of the course, the learner should be able to:

- C01** : Understand the term and definition of Manuscript, the steps of Manuscript studies and the features of Palaeography. (U)
- C02** : Recognize the scripts in Ancient India and the general awareness of manuscript studies in other languages. (AN)
- C03** : Attain a general awareness of Manuscripts Libraries in India. (K)
- C04** : Understand the contributions of ORI & MSSL, University of Kerala.(U)

Course Content

Module 1:- Introduction, Term & Definition of Manuscriptology and Palaeography, the significance of manuscript study and the peculiarities of Palaeography

Module 2:- History of writing in Ancient India, evolution of scripts in India, Granta, Brahmi, Vattezuthu, Nandinagari, etc.

Module 3:- Aim and scope of manuscript libraries, Significance of major manuscript libraries in India.

Module 4 :- Contributions of ORI & MSS Library, University of Kerala.

Essential Readings

1. Katre S.M, *Introduction to Indian Textual criticism*, Deccan college of Post graduate and research Institute, Pune, 1954.
2. Maheswaran Nair K., *Manuscriptology*, Swantham Books, 1994
3. Vijayappan.P.M, *Padhavimarsanam*, University of Calicut, Vol -2009.
4. Dr. Visalakshi P., General Editor, *Journal of Manuscript studies*, Vol. XXXVIII, ORI &MSS Library University of Kerala -2007
5. Albertine Gaur, *Writing Materials of the East*, British Library,London,1971.
6. Diringer David, *The Alphabet*, Munshi Ram Manoharlal Publishers Pvt Limited, New Delhi, 1996.
7. Maheswaran Nair. K, *Manuscriptology*, Swantham Books, Thiruvananthapuram,1997.
8. Sadhu Subrahmanya Sastri, *Early Inscriptions*, Sree Satguru Publications, New Delhi,1938.
9. Subodh Gopal Nandi and Projit Kumar Palit, *Manuscript and Manuscriptology in India*, Kaveri books, New Delhi,2010.
- 10.Visalakshy.P, *The Fundamentals of Manuscriptology*, Dravidian Linguistics Association, Thiruvananthapuram,2003.

Semester	I	Course Code : PCM -512
Course Title	WRITING MATERIALS	Credits : 4

About the Course: This course contains the history and evolution of the writing system in Ancient India and Kerala. It describes the different types of writing materials used like birch bark, palm leaf, copper plate, cloth, handmade paper etc and the origin of writing materials. It differentiates the methods of writing in various writing materials, especially in palm leaves. It also includes the methods of preparation of Palm leaves for writing with stylus.

Learning Outcomes:-

On completion of the course the learner should be able to:

- C01** : Attain knowledge of the history and evolution of writing system. (K)
- C02** : Classify the writing materials used in India (C)
- C03** : Analyze the methods of writing in various writing materials. (An)
- C04** : Develop skills for writing on palm leaves. (Ap)

Course Content

Module 1:- Introduction, history and evolution of writing system, writing system in Ancient India and Kerala.

Module 2:- Origin of writing materials, types of writing materials in India and Kerala, organic and inorganic writing materials.

Module 3:- Preparation and writing in palm leaf manuscripts, kinds of palm leaves in Kerala, materials used for writing on palm leaves like stylus, feather, etc

Module 4 :- How to write on palm leaves, various types of pictures on palm leaves, nature of writing on palm leaves.

Essential Readings

1. Sivaramamurthy C., Bulletin of the Madras Government Museum, Indian Epigraphy and South Indian Scripts, New Series - General Section Vol. III No. 4, 1952.
2. Subodh Gopal Nandi, Projit Kumar Palit, *Manuscript and Manuscriptology in India*, Vedic Books, 2010.
3. Jagannatha S., *Manuscriptology - An Entrance*, Parimal Publication Pvt. Ltd., 2007.
4. Gopinatha Rao. T.A, *Travancore Archeological Series*, Department of Cultural Publications, 1908.
5. Iravatham Mahadevan, *Early Tamil Epigraphy*, Department of Sanskrit and Indian Studies, Harward University,USA,2003.
6. Maheswaran Nair. K, *Manuscriptology*, Swantham Books, Thiruvananthapuram, 1997.
7. Neelakanta Sastri.K,A *History of South India*, Oxford University Press,London,1966.
8. Salomon Richard, *Indian Epigraphy*, Munshi Ram Manoharlal Publishers Pvt Limited, New Delhi, 1998.
9. Katre S.M, *Introduction to Indian Textual criticism*, Deccan college of Post graduate and research Institute, Pune, 1954.
10. Maherswaran Nair K., *Manuscriptology*, Swantam Books, 1994
11. Dr. Visalakshi P., General Editor, *Some Aspects in Manuscriptology*, ORISMSS Library University of Kerala, 2008.
12. Vijayappan.P.M, *Padhavamarsanam*, University of Calicut, Vol -2009.
13. General Editor. Dr. Visalakshi P., *Journal of Manuscript studies*, Vol. XXXVIII, ORI &MSS Library University of Kerala -2007

Semester	I	Course Code : PCM -513
Course Title	GRANTHA SCRIPT	Credits : 4

About the Course The course mainly focuses on the study of Palaeography. The students get knowledge of one of the ancient South Indian script, Grantha. The course describes the history and developmental stages of Grantha script. The students will get skills to read and write Grantha Script and transcribe Palm-leaf Manuscripts.

Learning Outcomes :-

On completion of the course the learner should be able to :

- CO 1 :** Understand the history of Grantha Script (U)
- CO 2 :** Recognize the historical, cultural and literary values through the knowledge of script (K)
- CO 3 :** Analyse the similarities of Grantha and Malayalam scripts (AN)
- CO 4 :** Understand transcribing Grantha script (U)

Course content

- Module I :** Introduction, Evolutionary history of Grantha script, inscriptions, Manuscripts
- Module II :** Vowels, Consonants, Numerals in Grantha Script
- Module III :** Transcribing words and sentences from Grantha to Malayalam and vice versa
- Module IV :** Transcribing printed text

Essential Readings

1. Dani. A.H, Indian Paleography, Munshi Ram Manoharlal Publishers Pvt Limited, New Delhi, 1997.
2. Diringer David, The Alphabet, Munshi Ram Manoharlal Publishers Pvt Limited, New Delhi, 1996.
3. Gopinatha Rao. T.A, Travancor Archeological Series, Department of Cultural Publications, 1908.
4. Sadhu Subrahmanya Sastri, Early Inscriptions, Sree Satguru Publications, New Delhi, 1938.
5. Salomon Richard, Indian Epigraphy, Munshi Ram Manoharlal Publishers Pvt Limited, New Delhi, 1998.
6. Sircar.D.C, Indian Epigraphy, Motilal Banarsidass publisherd Pvt Limited, Delhi, 1965.
7. Visalakshy. P, The Grantha Script, Dravidian Lkinguistics Association, Thiruvananthapuram, 2003.
8. Katre. S.M, Introduction to Indian Textual Criticism, Decan College of Post Graduate and Research Institute, Pune, 1954.
9. Maheswaran Nair. K, Manuscriptology, Swantam Books, 1994.
10. Vijayappan. P.M, Padhavimarsanam, University of Calicut, Vol - 2009.

Semester	I	Course Code : PCM -514
Course Title	CONSERVATION OF MANUSCRIPTS	Credits : 4

About the Course The course mainly focuses on the various techniques about preservation and conservation of manuscripts. The primary goal of conservation is to extend the life span of manuscripts. The students get knowledge about the traditional and the modern techniques of conservation of Manuscripts.

Learning Outcomes :-

On completion of the course the learner should be able to :

- CO 1 :** Understand types of palm leaves and palm - leaf manuscripts (U)
- CO 2 :** Classify types of paper manuscripts (An)
- CO 3 :** Understand the traditional and modern method of preservation of Palm leaf manuscripts (U)
- CO 4 :** Understand the traditional and modern method of preservation of paper manuscripts (U)

Course content

- Module I :** Introduction, types of palm - leaf, deterioration of palm -leaf
- Module II :** Paper manuscripts
- Module III :** Preservation of palm -leaf manuscripts, traditional methods, modern methods-digitisation of manuscripts.
- Module IV :** Preservation of paper manuscripts, dusting, lamination with Japanese Tissue Paper, conclusion, chief modern techniques of preservation, restoration, storage of manuscripts.

Essential Readings

1. Agrawal, O.P.&Barkeshi.M, *Conservation of books, manuscripts and paper documents*, Lucknow, India, INTACH Indian Council of Conservation Institute,1997.
2. Bhuyan. S.K, *Anglo-Assamese relations 1771-1826*, Gauhati, India: Lawyer's Book Stall, 1949.
3. Kurup.K.K.N, *PaithrukaSamrakshanam*, Kerala Bhaasha Insititute, Thiruvananthapuram, 2017.
4. Lindsay Macdonald, *Digital Heritage Elsevier*, Newyork, 2006.
5. Mandal.S & Maiti.S.K, *Scientific analysis of traditional indigenous methods of manuscript preservation*, New Delhi, India, National Mission for Manuscripts,2006
6. Saini.M.L., *Manuscript literature in Indian language*, ILA Bulletin, 1969.
7. Subodh Gopal Nandi and Projit Kumar Palit, *Manuscript and Manuscriptology in India*, Kaveri books, New Delhi, 2010
8. Visalakshy.P, *The Fundamentals of Manuscriptology*, Dravidian Linguistics Association, Thiruvananthapuram, 2003

SEMESTER II

Semester	II	Course Code : PCM -521
Course Title	VATTEZHUTHU SCRIPT	Credits : 4

About the Course

The course mainly focuses on the study of Palaeography. The students get knowledge of one of the ancient South Indian script, Vattezhuthu. The course describes the history and developmental stages of Vattezhuthu Script. The students will get skills to read and write Vattezhuthu Script and transcribe palm- leaf Manuscripts.

Learning Outcomes :-

On completion of the course the learner should be able to :

- CO 1 :** Understand origin and evolution of South Indian Scripts including Brahmi and Grantha (U)
- CO 2 :** Understand the evolution of Vattezhuthu Script (U)
- CO 3 :** Understand read and write Vattezhuthu inscriptions and printed books (U)
- CO 4 :** Understand transliteration of Vattezhuthu Scripts to Malayalam characters and vice versa (U)

Course content

- Module I :** Introduction, Origin of South Indian Scripts, Brahmi, Grantha, Vattezhuthu, Evolution of Vattezhuthu
- Module II :** Vattezhuthu Script, Script in detail, Characteristics of Vattezhuthu Script
- Module III :** Practicing, Reading and Writing, Illustration of the Script from estampages.
- Module IV :** Practicing, reading and writing, printed forms, charts - palm leaf manuscripts and copper plates – photocopies of inscriptions from T.A.S Volumes and other printed books, transliteration, Vattezhuthu Script to Malayalam, transliteration, Malayalam characters to Vattezhuthu Script

Essential Readings

1. Buhler George, *Indian Brahma Alphabet*, The Chowkhamba Sanskrit Series Office, Varanasi, 1963.
2. Gopinatha Rao.T.A, *Travancore Archeological Series*, Department of Cultural Publications, 1908.
3. Iravatham Mahadevan, *Early Tamil Epigraphy*, Department of Sanskrit and Indian Studies, Harward University, USA, 2003.
4. Parameswaran Pillai.V.R, *Pracheenalikhithangal*, NBS, Kottayam, 1963.
5. Parameswaran Pillai.V.R, *Silalikhithavijnaniyam*, Kerala Language Institute, Thiruvanathapuram, 1978.
6. Shivaganesa Murthy.R.S, *Introduction to Manuscriptology*, Sharada Publishing House, Delhi, 1996.

Semester : II	Course Code : PCM -522
Course Title : PROJECT WORK	Credits : 16

About the Course: In this course, there should be a text editing as project submission. The learner should edit and submit a palm leaf manuscript for this purpose. It can be done individually or as group work.

Learning Outcomes:-

On completion of the course the learner should be able to:

- CO 1** : Handle palm leaf manuscripts
- CO 2** : Read scripts on palm leaf manuscripts
- CO 3** : Understand the methods of text editing.
- CO 4** : Enable to edit a palm leaf text.

Each learner has to undertake a project during the first semester itself and complete it at the end of the second semester. They must submit the dissertation at the end of the second semester for evaluation. Each student should select a palm leaf manuscript and do its editing for the project work.

Semester : II	Course Code : PCM -523
Course Title : VIVA-VOCE	Credits : NIL

About the Course: The course, Viva-Voce is for evaluating the project work and it will be conducted along with the presentation before an external expert.