

**MEMORANDUM OF UNDERSTANDING
FOR ACADEMIC COOPERATION**

Between

SJM College of Arts, Science and Commerce, Chandravalli, Chitradurga

And

Bapuji Ayurvedic College, Challakere

Purpose:

The purpose of MOU is to enhance the awareness about the Medicinal plants among the students by conducting special lectures and visit to Medicinal Garden for ongoing students of B.Sc programme.

Types of Cooperation

Through this MOU, the agreed institutions recognise and affirm the value of institutional collaboration and agree to promote the following Academic and Social activities.

- 1) To organise special lectures by experts.
- 2) To visit Medicinal Garden
- 3) To promote ayurvedic medicine preparation from medicinal plants

This MOU places no financial obligations or supplementary funding on any other party with whom the college enters into MOU.

These activities will be conducted with the financial resources available from the SJM College of Arts, Science and Commerce, Chandravalli, Chitradurga only.

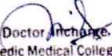
Kum Heena Kousar, Lecturer Department of Botany, SJM College will serve as liaison officer between the institutions to facilitate and conduct the activities of the courses.

This MOU will become effective upon the date of signature by both the institutions. It shall remain valid for a period of five years from the date of agreement with mutual consent to modify in the future if need arises.

This MOU may be terminated by either party with advance written notice for at least thirty days before.

The MOU may be extended by mutual consent of these parties after five years period.

This MOU completed in English, is here by signed in two copies with one copy remaining in the position of each institution.


Doctor Anand
Bapuji Ayurvedic Medical College & Hospital
T. R. Nagar, Challakere - 577522.

Principal

Bapuji Ayurvedic College, Challakere

Date;.....


PRINCIPAL
Sri Jagadguru Murugharajendra College
of Arts, Science & Commerce
CHITRADURGA

Principal

**SJM College of Arts, Science &
Commerce, Chandravalli, Chitradurga**

Date;.....



DAVANAGERE UNIVERSITY

S. J. M COLLEGE OF ARTS, SCIENCE AND COMMERCE

2023-24

VISIT REPORT To MEDICINAL GARDEN

Plants have always been a major component of traditional system of healing in developing countries, which have also been an integral part of their history and culture. Medicinal plants offer alternative remedies with tremendous opportunities. Many traditional healing herbs and plant parts have been shown to have medicinal value especially in the rural areas.

Plants have been used both in prevention and cure various diseases of humans and pets. With the advent of human civilization, many systems of therapy have been developed primarily based on plants Ayurveda, Homeopathy, Siddha, Unani etc., are our traditional systems of medicine.

The plants based traditional medicine system continue to provide the primary health care to more than three-quarters of the world populace.

In India, the use of plants for medicinal treatment dates back to five thousand years. It was officially recognized that two thousand five hundred plant species have medicinal value while over six thousand plants are estimated to be explored in traditional, folk and herbal medicine.

Ethnobotany brings out the relationship between plants and people. It illustrates the complex relationship between uses of plants and culture.

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Basic quantitative and experimental Ethnobotany includes basic documentation, quantitative evaluation of use and management and experimental assessment. Today, medicinal plants surveys include applied projects that have the potential to ameliorate poverty levels of these people, allowing them to make more educated decisions about their future directions.

An important pre-requisite for proper utilization of raw materials of the country is the survey of its natural resources and the preparation of an inventory by an interview with traditional health healers.

Traditional medicine is the oldest method of curing diseases and infections and various plants have been used in different parts of the world to treat human diseases and infections. Medicinal plants are rich source of metabolites that are potential sources of drugs and essential oils.

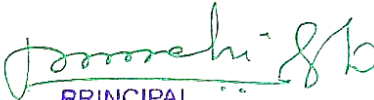
The increased interest in plant derived drugs is mainly because of the wide spread belief that 'herbal medicine' is safer than synthetic drugs which possesses side effects. Hence, there is need to screen medicinal plants for promising biological activity.

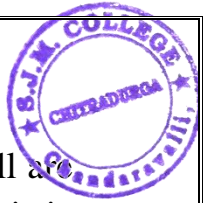
With concern to the above strategies the conservation of biodiversity, local traditional knowledge are therefore of prime importance and demands national concern,

The present study was intended to study of MEDICINAL PLANTS present in the KEMMANGUNDI.

We all are studying final year B.Sc CB combination with respect to our botany subject or syllabus. So that we all are planned to visit a field trip to KEMANGUNDI-CHIKMAGALUR because of we have to know the different Medicinal plants are present in KEMMANGUNDI.

So we decided with a permission of our beloved principal and HOD . with the collaboration of Bapuji Ayurvedic College, Challakere


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We all are visit the KEMANGUNDI HILL on 20th December 2023, we all are seen the Medicinal plants with their habitat, structure, and important characteristic nature of a particular plant with the help of our botany department lectures and Bapuji Ayurvedic College Lectures.

We all are getting the knowledge of MEDICINAL PLANT A and also we all are collected the plant twig or branch or part of an plant for the Herbarium, we all are bring with the requirements of pressing or making the Herbarium.

The plants recorded in the field visit mainly belong to Asteraceae, Arecaceae, Acanthaceae, Rutaceae; Solanaceae, Euphorbiaceae, Piperaceae, Mimosaceae, Malvaceae, Asteraceae, Liliaceae Brassicaceae Myrtaceae Caesalpiniaceae Fabaceae Papilionaceae Solanaceae Santalaceae families highest member of plant species located or present in KEMMANGUNDI FOREST, CHIKMAGALUR

The scientific name of the plants are Piper nigrum, Piper longum, Pongamiapinnata, Tamarindusindica, Ochlandra scriptoria, Plumbagozeylanica, Withaniasomnifera, Solanummelongena, Kirginelliarecemoso, Martiniaannuva, reticulate, Kirginellia Lawsoniainermis, Santalum album, Beutiamonosperma, Moringaoleifera, Paturametulae, Sonchusindica, Psidium, Evolvulusalsinoides.

With great pressure, I take this opportunity to express my deep sense of gratitude and heart-felt thanks to several Individuals and institutions, from which I received impetus motivation and invaluable help during the field visit.

I express my grateful thanks to PANCHAKSHARI Principal, S.J.M Arts, Science and Commerce College, Chitradurga for his kind help and co-operation to visit KEMMANGUMDI.

I Thank Mr. Banaker Lecturer Bapuji Ayurvedic College,Challakere . for providing Information and guidance for about the Medicinal plants.

I thank Lecturer TEJAS KUMAR ACHAR N Sir of Botany and HEENA KOUSER M Lecturer in Botany. For their personal concern, affinity and generosity of Spirit with which they have guided the work and for their co-operation during the field visit.

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