### MES ASMABI COLLEG P.VEMBALLUR



# KNOWLEDGE SYSTEM

Understanding the Indian Knowledge System is crucial for students as it provides a rich and diverse foundation for holistic learning. India has a profound cultural and intellectual heritage, encompassing fields such as philosophy, astronomy, science, medicine, arts, and literature. College organise various activities to introduce students about Indian knowledge system. The folklore Club of the college and various departments introduce various traditional art forms to students.



#### 'THAZHA PAYA' MAKING

Thazha Paya is a handcrafted mat made from the screw pine plant, a large plant with sword-shaped leaves and thorns. The leaves of the screw pine plant are traditionally used to make household items like mats, baskets, and storage bag. Thazha Paya mats are sustainable and eco-friendly, and can be used for a variety of purposes, including yoga mats and laying down infants. This plant is commonly seen in the nearby areas of our college and many people are making mat using it.

A group of commerce students from PG department of Commerce and Management Studies recently conducted a video and interview focused on the process of making screw pining mats and studying the sector related to it in proximity to our college. The objective of the project was to gain practical insights into the manufacturing process of screw pining mats and understand the local industry's dynamics. The students interviewed local workers to gather information about the materials used, production techniques, market demand, and challenges faced by the sector. The video documented the step-bystep process of making screw pining mats, highlighting the skills and craftsmanship involved. Additionally, the interviews provided valuable insights into the economic impact of the sector, employment opportunities, and potential for growth.

#### Video of Mat Making:



#### https://youtu.be/Yj\_zS5aIAcs?si=rlj\_lt00DNv711Fu

#### Documentary about Sangama Grama Madhavan

Madhava of Sangamagrama, an Indian mathematician, is credited as the founder of the Kerala School of Astronomy and Mathematics. Sangamagrama is believed to be in medieval Kerala, specifically in Irinjalakuda, Nearby town of the college. Students and teachers of **Department of Mathematics** produced a documentary film about Madhava with the help of Prof. Namboodiri, Retired Faculty of Dept. of Physics, Cochin University of Science and Technology. Students receive practical exposure, bridging theory and realworld application, gaining insights into cultural and environmental aspects for overall development.Our students got practical exposure, bridging the gap between theoretical knowledge and real-world application.Additionally,Stud ents gain insights into diverse cultural and environmental aspects, contributing to their overall development.

You Tube Video Link https://youtu.be/HGglCuGOXfE



#### **CONSERVATION OF SACRED GROOVES**

There are many sacred grooves in Kerala. The important scared groves in and around Kodungallur are : Kodungallur Kavu Bhagavathi Temple, Kozhiparambil Sarppa Kavu, Thottekattu Kavu, Gosayi Muthappan Bhairavan Kavu Temple, Kodungallur Keezhkavu, Pulayakavu etc.

In Kerala, "Kavu" refers to sacred groves protected by communities for religious purposes, often linked to Hindu temples. They contribute to biodiversity conservation and house various rituals and festivals, forming an integral part of Kerala's cultural heritage. Kavus symbolize the harmonious coexistence of cultural and ecological values in traditional practices .Dept.of Botany Conducted Nature walk 'Kaavettam' to sacred grove named Sankulangara kaavu.



Kaavettam is a traditional ritual in Kerala, India, where sacred groves are preserved and revered as repositories of biodiversity and cultural significance. Conducted Nature walk 'Kaavettam' to sacred grove named Sankulangara kaavu



#### YOU TUBE VIDEOS ON DIFFERENT INDIAN SCHOOLS OF TOUGHT

Faculty of Our college in English Smt. Mona created You Tube videos of Different Schools of Thoghts of India as E Content for UG and PG students







Link To Sankhya & Yoga School



Link to The Nyaya School



Link to the Nyaya School Part I



Link to Buddha School

#### MOU WITH MUZIRIS HERITAGE PROJECT

Muziris is a legendary port, the heart of the historic Spice Route, vanished off the grid over 3000 years ago. Historians and archaeologists hunted far and wide in search of it but to no avail. Then, one day, it rained in Pattanam, a small town near our college in Kodungallur. The rains unearthed and revealed to mankind remnants of a legacy. The legacy of the lost port, Muziris....

The ancient world's greatest trading centre in the East, this legendary seaport traded in everything from spices to precious stones with the Greeks, Romans and the rest of the world. The Muziris Heritage Project, a project of Government of Kerala, will revive that lost legacy to conserve and showcase a culture of 3000 years or more for posterity. Once the doorway to India for varied cultures and races including Buddhists, Arabs, Chinese, Jews, Romans, Portuguese, Dutch and even the British, Muziris has stood witness to civilisations being born, wars being waged and history being written. College signed an MoU with Muziris Heritage project for research, internships, Conduct of Seminars, Workshops etc



SIGNING MOU WITH GM MUZIRIS HERITAGE PROJECT



INTERACTION WITH GENERAL MANAGER MUZIRIS HERITAGE PROJECT

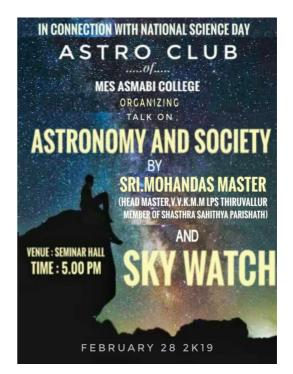
#### STUDY VISIT TO MUZRIS HERITAGE PLACES



Students were taken to the Muzris heritage places of Kodungallur to give a first hand experience to Paliyam Palace, Kodungallur Fort, Synagogue at Paravur, Sahodaran Ayyapan Centre. The Visit enriched their Knowledge about the History of Kodungallur

#### **ASTRO CLUB ACTIVITIES**

India has a rich history of contributions to astronomy and sky watching that dates back thousands of years. The Indian Knowledge System, particularly in the fields of mathematics and astronomy, has played a crucial role in shaping our understanding of the cosmos. The Indian knowledge system has made substantial contributions to astronomy and sky watching throughout history. The early Indian astronomers demonstrated advanced mathematical and observational skills, laying the foundation for understanding celestial phenomena. These contributions continue to influence and inspire astronomers and scientists globally.



The Astro Club of the college organised a talk on Astronomy and Society by Sri. Mohandas and Sky Watch to identify various stars and galaxies and give interest to students about sky watch

#### **SKY WATCH**



A captivating SKY WATCH programme to witness the marvels of the night sky was organized by the Department of Physics in association with the Ernakulam chapter of the Breakthrough Science Society (BSS) on the evening of January 31, 2023.

By integrating theoretical study with practical sky watching experiences, students can bridge the gap between abstract concepts and real-world observations.

Observation Skills: Sky watching develops observational skills as the students learn to identify and track celestial objects.

#### **INTERNATIONAL YEAR OF MILLETS 2023**







Millets are crucial in today's scenario for their nutritional richness, adaptability to diverse climates, and sustainability, offering a resilient solution to food security challenges. Their cultivation promotes biodiversity, requires less water, and provides a source of income for farmers, contributing to a more resilient and ecologically sustainable agricultural system. Incorporating millets into diets diversifies nutrition and supports a healthier and more environmentally friendly food ecosystem.

As a part of International Millet Day various programs like Poster making, Exhibition on Indian millets, Innovative millet products and sale and Awareness talk on nutritional importance of Millets were conducted.



#### **DHASAPUSHPA EXHIBITION**

As part of karkkidakamaasaacharam Department of Botany organized an exhibition of pathilakkari and dhasapushpa. The pathilakkari was prepared with the leaves of most common plants during the month of Karkkidaka which was regarded as the month of poverty. During ancient times, people of Kerala used the leaves of common plants for making curries due to poverty. To gain health, they used many common medicinal plants in their diet and dhasapushpa belong to this group.

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#### **KARKKIDAKA KANJI**

Karkkidaka Kanji is a traditional Ayurvedic rice gruel consumed in the Malayalam month of Karkidakam in Kerala, known for its nutritional and medicinal value during the monsoon season. As a part of Karkkidakamasacharanam,Ka rkkidaka kanji distributed among Faculties.



#### **KARKKIDAKA VARACHARANAM**



A webinar is conducted in connection with the month of karkkidaka. The topic of the seminar was "The importance of medicinal plants in the month of Karkidaka".

The resource person was Dr. P.Vivek, Associate Professor, Dept. of Dravyagunavjanam, VSVP Ayurveda College Kottakkal

#### SREEDHAREEYAM

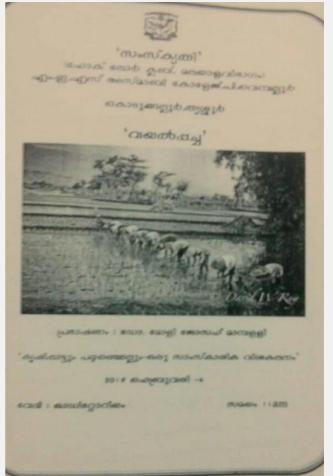
As part of Knowledge Heritage Study series MES Asmabi College in association with Probodha Trust Kochi and St. Joseph's College Iringalakkuda organised a webinar on Sreedhareeyam on 9th June 2021. Sreedharyeeeyam began as home to Ayurvedic Ophthalmology, now one of the NABH Accredited Eye Hospital in India expanding on Eye Treatments and Research in Ayurveda. Sri. Hari Namboodiri, Vice Chairman of Sreedhareeyam was the resource person.



#### **ACTIVITIES OF FOLKLORE CLUB** VAYAL PACHHA-SEMINAR-KERALA HARVEST CULTRE & TRADITIONAL SONGS.



Kerala's harvest culture is celebrated through traditional songs that intricately weave agricultural themes, reflecting the agrarian essence of the region's festivities. Folklore Club organised a seminar on Kerala Harvest Cultre & Traditional songs to introduce the students to the harvest songs. The programme was conducted on 4th February 2018. Dr. Molly Joseph Mampally was the resourse person



## SEMINAR ON RITUALS - MEANINGS AND EXPERIENCES



Folklore club and Department of Malayalam jointly organised a seminar on Rituals -meaning and experiences. in association with Kerala Folklore Academy on 2nd November 2023. Sri. A. V. Ajayakumar, Secretaary, Kerala Folklore Academy, Kannur inagurated ted the Programme. The Seminar was lead by Dr. E. K. Govindha Varma Raja (Former HoD, Department of Folklore, University of (Calicut)



#### 'NINABALI'-PERFORMANCE

The traditional art form Ninabali' was iintroduced and performed in our college on 2nd November 2023 .The programme was organized by College Folk Lore Club. Ninabali is a ritualistic performing art form popular in Kannur, Kozhikode districts of Northern Kerala, India. It is a folk art performed by the Malaya community.





#### WORKSHOP ON 'THULLAL' ART FORM

Thullal is a vibrant and expressive classical dance form in Kerala, characterized by rhythmic movements, vivid facial expressions, and humorous narratives.

Thullal artist Smt.Drishaya Gopinath conducted a workshop to introduce Thullal art form to students and presented stage performance on November 1, 2022. This programme was jointly organised by Folklore Club and Department of Malayalam





#### PERFORMANCE OF 'KALARIPAYATTU, 'KERALAGANAM, AND 'NADAN PATTU'

On November 1, 2022, Kerala Piravidinam (Birthday of Kerala) was celebrated by the college by performing traditional art forms like 'Kalaripayattu', 'Keralaganam' and 'Nadan pattu'.





#### KALAMPAATTU'-PERFORMANCE



Kalampattu is a traditional South Indian storytelling art in Kerala, combining rhythmic percussion, vocal recitations, and theatrical elements to narrate epic stories. Mural artist Shri. Kadannamanna Srinivasan presented 'kalam' with natural organic colours. He vocalised the ritualistic song with the Musical instrument, Nandhuni. This programme was conducted to make students aware about the ritualistic art form 'kalampattu'.

#### **GARUDAN THOOKAM**

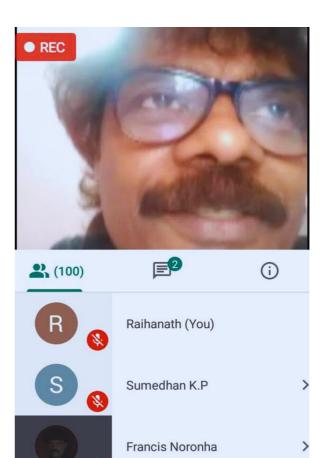


#### MALAYALA BHASHA VARACHARANAM



**KERALA PIRAVI** 

Kerala Piravi is the celebration of the birth anniversary of Kerala, commemorating its formation on November 1, 1956. As a part of this, every year college organize various activities. This includes wearing traditional dresses of Kerala on that day by students and teachers. A Webinar on the subject,"Malayalavum sthreeyum" was conducted on November 1, 2020. 'Malayalabhasha Varacharanam' (Malayalam Language Week celebrations) enriches and promotes Malayalam through linguistic development, cultural preservation, and education in Kerala. College celebrated this week by conducting Quiz programmes on Kerala culture, Literature and Cinema' followed by Recitation of Malayalam poems, folk dance, Kerala ganam etc. .



jaisy david

#### **YOGA PROMOTION ACTIVITIES**

College conduct various programmes to promote Yoga. Department of Physical Education conducted a yoga training in association with International Yoga Day on 21st June 2019. The programme was organized in order to create awareness about the importance of incorporating yoga into daily life and encourage participants to adopt a healthy lifestyle through yoga.

During covid pandemic yoga posters were shared to students to promote Yoga





#### WEBINAR ON YOGA AND VIDEO PRESENTATION

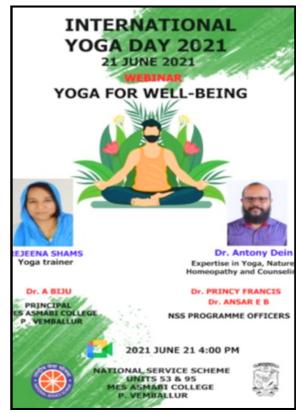
The Commerce Department organized a webinar on Yoga for Well-being and a Video Presentation on 21-06-2021. The event aimed to highlight the holistic benefits of yoga for mental and physical health. The outcome witnessed heightened awareness among participants, encouraging the incorporation of yoga practices for overall well-being.

#### **INTERNATIONAL YOGA DAY**





Marking International Yoga Day on 21-06-2021, the Physical Education department emphasized the significance of yoga for holistic health. The celebration included yoga demonstrations and activities, encouraging student participation. The outcome was a positive outlook to yoga, fostering a healthy lifestyle among students. The event motivated continued integration of yoga practices for sustained mental and physical well-being. In association with International yoga Day Department of Physical Education organised a yoga training for promoting the practice of yoga and its numerous benefits for physical and mental well-being. The event aimed to create awareness about the importance of incorporating yoga into daily life and encourage participants to adopt a healthy lifestyle through yoga.



### IMPORTANCE OF WETLANDS AND ITS PRESERVATION



As part of World Wetland Day celebrations, MES Asmabi Vemballur College. Ρ. conducted programme entitled 'Waves' to awake the awareness about these fragile ecosystems. It was a Two DayPprogramme. In the first day (4th Feb), we conducted an invited lecture of Dr. Harinarayanan M.K. Assistant Professor, Dept. of Sreekrishna College Botany, Guruvayoor.

In the second day (7th Feb), staff and students went to a fresh water swamp called Thachappilly wetland, Pullut, Kodungallur Thrissur.

#### **THREATENED SPECIES NURSERY**



SEED OF CALOPHYLLUM INOPHYLLUM

Bhoomithrasena Club have gathered to develop seed bed for coastal restoration on 8th June 2022. The seeds collected from the local area especially the *Calophyllum inophyllum* were sown in the seed bed for its germination with proper spacing and nutrient support. They developed a nursery by collecting the seeds and seedlings from their local area and that were kept for restoration sites this year.

#### **MEDICINAL GARDEN**



Department of Botany of the college maintaining a medicinal plant garden inside the campus consisting of forty variety of plants. These plants in the garden are mainly used for the preparation of Ayurvedic medicines

#### IPR CELL PROGRAMS ON GEOGRAPHICAL INDICATIONS

Kerala is regarded as a treasure trove of unique geographical indication. Overall, India has 417 registered geographical indications, with Kerala owning 31 of them. Geographical Indication tags are commonly found on agricultural items in Kerala. The IPR cell of the college conducted various programmes of Intellectual property rights of which some of them are on geographical indications. These programmes aware about the GIs which are mainly from Kerala like Aranmula kannadi, Kuthampally Doties, Pokali Rice, Alappy green Cardomon, Screw pine Crafts from Kerala, etc Screw pine is commonly seen in the nearby areas of the college and many people depends on the production of materials from Screw pine plant.





#### **TRIBAL CULTURAL PROGRAMMES**







Every year, the college arrange cultural programmes of different tribal communities as part of different cultural celebrations to promote cultural diversity among the students.

#### 'GURUKULAM'-ECOFRIENDLY CLASS ROOM



An ecofriendly classroom named 'Gurukulam' under the trees was set up to feel ancient open air Gurukulam model classes. Recently these set up was demolished to construct a new canteen building inside the campus.



#### **RAMAYANA QUIZ**



As part of 'Karkidaka masacharanam' Department of botany conduct Ramayana Quiz every year to aware about the great epic Ramayanam

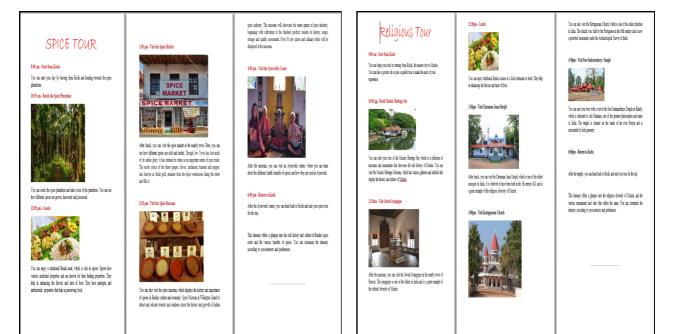
#### **MOU WITH PRABODHA TRUST**

"The Probhodha Trust Ernakulam (Reg. No. 15/IV/2021, dt. 27-02-2021) was established by a group of noted social workers, professionals, and educationists deeply interested in promoting Gandhian thought and action. The motto of the Trust is "to work for creating a society upholding the principles and practices of Mahatma Gandhi and promoting study and research on Gandhian Thought and undertaking publications." The key areas of work identified by the trust include the study and research on the life and thought of Mahatma Gandhi, as well as predecessors of Gandhi and contemporary thinkers and social revolutionaries, preservation of rights, and observance of duties of individuals, the welfare of women, children, and the most depressed sections of society, protection of the environment and sustainable development practices, decentralized democracy, and humane governance, constructive programs, and charity works in consonance with the objects of the trust.

MES Asmabi College signed Memorandum of Understanding with Probhodha trust on 14-02-2021. The main areas of collaboration include the development of mutually beneficial academic and training programs, the exchange of faculty and teachers for the purpose of research, and extension assistance for visiting scholars and visits to historically important places in India. College conducted 8 National level webinars and one seminar. Topics broadly covered Gandhi and Indian Knowledge tradition. Webinar topics were - 'Sreedhareeyam - eye treatment in Ayurveda' talk by Sri. Hari Namoodiri, Vice Chairman Sreedareeyam Ayurveda group. 'India, my love wonders' about Indian heritage book talk by well-known magician Sri. Gopinath Muthukad, Gandhi and Palestine talk by Prof. A K Ramakrishnan, School of International Relations and Politics, JNU, New Delhi, a talk about Swami Sahajanda Saraswathi, Indian freedom fighter by Capt. Sarvodaya Sarma, a talk on 'Gandhian Economics' by Dr. Ramesh Saran, a well-known economist, a talk on freedom fighter 'Muhammed Abdul Rahiman' by wellknown Malayalam writer Prof. M N Karassery, National webinar on 'Jayaprakash Narayanan' by Surendrkumar, former secretary Gandhi Peace Foundation, a talk on Dharmanand Kosambi by Dr. B P Raveendra, Trustee Sevagram Ashram, and a National Seminar on Gandhi and Minorities, the key talk delivered by Prof. K P Sankaran, St Stephens College, New Delhi."

#### SPICE TOUR AND RELIGIOUS TOUR ITINERARY

AS Experiential learning Department of Tourism and Hospitality management prepare itinerary of 'Spice Tour' to visit Important heritage site of Muziris heritage project and 'Religious tour' to important religious destinations of Kodungallur.

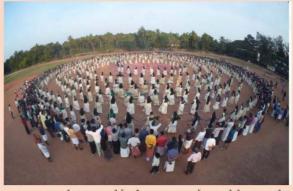


#### TRAINING AND PERFORMANCE OF REGIONAL ART FORM - 'THIRUVATHIRA KALI'



Thiruvathirakali is a traditional dance form Kerala, India. It is a female group dance that is performed around a traditional wick lamp. The dance is known for its grace and femininity. The dance is also performed as part of religious rituals, such as on Onam. Women sing the praises of Shiva -Parvati in Shiva temples.

College gave training to Thiruvathira dance and in connection with 'Nava Kerala Sadas'. Students and faculty participated the Mega Thiruvathira organised by the Fine Arts Club of the college.



നവ കേരള സദസിനോടനുബന്ധിച്ച് ശ്രീനാരായണ പുരത്ത് സംഘടിപ്പിച്ച മെഗാ തിരു

#### പകിട്ടോടെ മെഗാ തിരുവാതിര ആയിരങ്ങളെ ആകർഷിച്ചു

#### SEMINAR ON FOREST RIGHTS AND TRADITIONAL RESOURCE MANAGEMENT FOR TRIBAL COMMUNITIES OF NILAMBUR.





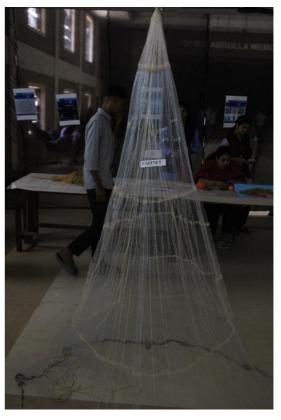


College and Horne bill foundation organised a seminar on Forest Rights and Traditional Management for tribal Communities of Nilambur on 12-12-2019. This programme was organised by ST Development Department

#### **EXHIBITION OF INDEGENIOUS FISHING NETS**



College conduct an exhibition of traditional fishing nets commonly used in Kerala.



#### VISIT TO THE KOVILAKAM OF KODUNGALLUR KUNIKUTTAN THAMPURAN



PG students and the Faculty of the Research & PG Department of English, MES Asmabi College visited Kodungallur Kovilakam on 19th January 2023 to delve into the legacy of Kerala Vyasan Kodungallur Kunhikuttan Thampuran who is renowned for his invaluable contribution to the Malayalam language through the translation of Mahabharata. The students had the opportunity to interact with Dilip Kumar Varma, the ninth generation descendant of Thampuran. A retired naval architect and now residing in Bangalore, Dilip Kumar Varma elaborated on Kunjikuttan Thampuran's significant contribution to the Malayalam language, offering the students a deeper understanding of his invaluable role in shaping the cultural landscape. Dr. Reshmi S, Mrs. Sabitha M.M and Surendra Verma, were also present at the Kovilakam during this enlightening encounter.

#### STUDY ON IMPORTANCE OF 'POTTUVELLARY'





The 'Pottuvellary' a traditionally grown cucumber endemic to our region which has gained place in one among the 37 Geographical Indicator. This miraculaus fruit given by nature to quench thirst and fatigue during heat. Pottuvellari is aptly called a wonder fruit as it causes fatigue and thirst immediately after eating it. We have socumented it and the infromation provided to the first (phase 2) PBR, People Biodiversity Register of an LSG in the state under the Biodiversity Act 2002. Students also prepared a short video on the cultivation of Pottuvellari

CLICK HERE FOR THE YOU TUBE VIDEO

#### **HINDI DAY CELEBRATIONS**

Every year Department of Hindi of the college observe 'Hindi Day' by organising seminars, talk and various competitions for students and teachers in Association with Hindi Prachar Sabha. Department and IQAC of the college conducted Three day national Seminar on 'Kuvar Vimarsh" in association with Bharathiya Sahithya Prathishtan, Kochi Chapter





എസ്.എൻ.പുരം അസ്മാബി കോളേജിലെ ത്രി ദിന ദേശീയ സെമിനാർ എം.ഇ.എസ് സ്റ്റേറ്റ് ജന റൽ സെക്രട്ടറി കെ.കെ.കുഞ്ഞുമൊയ്തിൻ ഉദ് ഘാടനം ചെയ്യുന്നു

#### എം.ഇ.എസ്. അസ്മാബിയിൽ ത്രിദിന ദേശീയ സെമിനാർ

എസ്.എൻ. പുരാ: എം.ഇ.എസ് അസ്മാബി കോളേ ജിലെ ഹിന്ദി വിഭാഗവും ഐ.ക്യു.എ.സി.യും ഭാരതിയ സാഹിത്യ പ്രതിഷ്ഠാൻ കൊച്ചി, കേരള സ്റ്റേറ്റ് ഹയർ എ ഡ്യൂക്കേഷൻ കൗൺസിലുമായി സഹകരിച്ച് 'ക്യുവർ വിമർഷ്' എന്ന വിഷയത്തിൽ ത്രിദിന ദേശീയ സെമിനാർ ആരംഭിച്ചു.

ആരംഭിച്ചു. ത്രിദിന ദേശീയസെമിനാറിന്റെ ഉദ്ഘാടനം എം.ഇ.എ സ് സ്റ്റേറ്റ് ജനറൽ സെക്രട്ടറി കെ.കെ.കുഞ്ഞുമൊയ്തീൻ നിർവഹിച്ചു. കോളേജ് പ്രിൻസിപ്പാൾ പ്രൊഫ. എ. ബിജു അധ്യക്ഷനായി. ഡോ: മോഹനൻ, ഡോ: നീന മുഹമ്മദ്, ഡോ: കെ.വനജ, ഡോ: സുമേധൻ, ഡോ:അമിതാ ബച്ചൻ, ഡോ:ഷഫീർ പി.എസ്, ഡോ: സഞ്ജീവ് കുമാർ, നിഷ എ ന്നിവർ സംസാരിച്ചു.

ന്നിവർ സംസാരിച്ചു. മൂന്ന് ദിവസമായി സംഘടിപ്പിക്കുന്ന ദേശീയ സെമി നാറിൽ ഡോ: വനജ, പ്രൊഫ പ്രഭാകർ സിംഗ്, ഡോ: മോ ണിക ദേവി, നീനാ ശർമ്മ, മഹേന്ദ്ര ബിഷ്മ മുഖ്യ പ്രബ സങ്ങൾ അവതരിപ്പിക്കും. വിവധ കോളേജുകളിൽ നി നും യൂണിവേഴ്സിറ്റിയിൽ നിന്നും അധ്യാപകരും, ഗവേ ഷണ വിദ്യാർത്ഥികളും പ്രബന്ധങ്ങൾ അവതരിപ്പിക്കും.

#### SPECIAL COLLECTION OF RESOURCES OF INDIAN KNOWLEDGE SYSTEM IN THE LIBRARY

College Library have a rich collection of Books related to Indian Knowledge system.

