



सी यू केरल न्यूज़लेटर CU KERALA NEWSLETTER

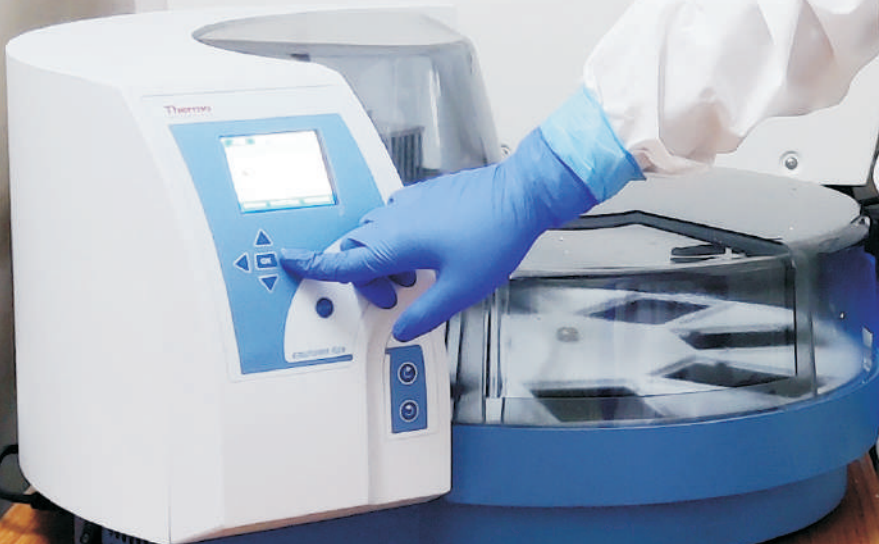
Tejaswini Hills, P. O. Periyar, Kasaragod, Kerala

A QUARTERLY NEWSLETTER FROM THE CENTRAL UNIVERSITY OF KERALA

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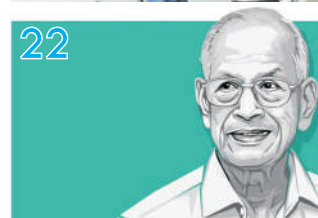
'Tests' of Social Commitment



CUK Gets New VC

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कुलपति की कलम से

From the desk of the Vice-Chancellor

किसी भी विश्वविद्यालय के शैक्षणिक और प्रशासनिक कार्य में एक निरंतरता होती है। इसके प्रधान तत्व गुणवत्तापूर्ण शिक्षण, अनुसंधान और सामाजिक विस्तार हैं। यद्यपि ये मूल सिद्धांत बदलते नहीं हैं, विश्वविद्यालय के नेतृत्वकर्ताओं के दृष्टिकोण के आधार पर विश्वविद्यालय के कामकाज की गतिशीलता में गुणात्मक अभाव दिखते हैं। विश्वविद्यालय के प्रोफेसर के रूप में तीन दशक से अधिक अनुभव के साथ-साथ अकादमिक होने के नाते, विश्वविद्यालय को लेकर मेरा एक सपना था जिसे मैं अपने विचारों और कार्यों के माध्यम से पूरी करने की कोशिश कर रहा हूँ।

एक शैक्षणिक संस्थान को सदैव सामाजिक स्तर से प्रतिबद्ध होना चाहिए। सामाजिक प्रतिबद्धता, इसके शिक्षा, अनुसंधान और विस्तृत कार्यक्रमों के माध्यम से प्रकट होगी। पिछले कुछ महीनों से, जब से मैंने केरल केन्द्रीय विश्वविद्यालय के कुलपति के रूप में पदभार संभाला है, विश्वविद्यालय ने उस समुदाय के प्रति प्रतिबद्धता में महत्वपूर्ण प्रगति दिखाई है जहाँ वह स्थित है। विश्वविद्यालय द्वारा स्थापित वायरोलॉजी लैब इस दिशा में पहला और महत्वपूर्ण कदम था। विश्वविद्यालय वायरोलॉजी लैब के कार्यों को आगे बढ़ाने के लिए प्रतिबद्ध है ताकि हम राष्ट्रीय स्तर पर सर्वश्रेष्ठ बन सकें।

गाँव को गोद लेने की योजना एक और महत्वपूर्ण कदम है, जो विश्वविद्यालय के संरक्षण में है। योजना का उद्देश्य गोद लिए गए गाँव के सदस्यों को सामाजिक, आर्थिक और बेहतर स्वास्थ्य सुविधाएँ प्रदान करना है। गाँव के लोगों की शिक्षा को भी इस योजना में उच्च प्राथमिकता मिलती है। इस योजना को लागू करने के लिए काफी चर्चाएँ हुई हैं।

Academic and administrative functions of a university is a continuum. The staple of it is characterized by the quality teaching, research and social extension. Though this core principles remain unchanged, the thrust and dynamic of the functioning of university undergo qualitative digressions based on the vision of the leaders of the University. Being an academic with more than three decades of experience as a university professor, I had a dream about a university that I am trying to fulfill through my thoughts and actions.

An academic institution must be socially committed. The social commitment shall be, manifested through its teaching research and extension to be carried out. The last few months, since I took charge as Vice chancellor of CU Kerala, University has shown significant advancement in its commitment towards the community where it is located. The virology lab instituted by CUK was the first and foremost step in this direction. University is committed to carry forward the functions of Virology lab so as to make it one of the best in the kind at National level.

Village adoption scheme is another important idea University cherish. Scheme is intended to provide socio economic and health well beings of the members of the adopted village. Education of the members of the village also get high priority in the scheme. Detailed discussions are carried out to implement the scheme. Potential faculty

प्रतिभाशाली संकाय सदस्यों की पहचान कर, उनकी सेवाओं का उपयोग कम समय की अवधि में परियोजना को निष्पादित करने के लिए किया गया है। जब एक-दो विस्तार सेवा कार्यक्रमों की योजना बनी और उनका निष्पादन हुआ तब विस्तार कार्यक्रमों के संयोजन के लिए एक केंद्र की आवश्यकता महसूस हुई। इसका परिणाम ए पी जे अब्दुल कलाम सेंटर फॉर एक्सटेंशन सर्विसेज था। गतिविधियों के समन्वय में यह केंद्र सक्रिय रूप से कार्य कर रहा है। आशा है कि इसके प्रतिफल हमें भविष्य में मिलेंगे। युवा पीढ़ी को सशक्त बनाने के लिए जीवन कौशल के महत्व को समझते हुए विश्वविद्यालय ने 'ई श्रीधरन सेंटर फॉर लाइफ स्किल एजुकेशन शुरू किया है। चौथी औद्योगिक क्रांति की दहलीज पर होने के नाते, सबसे महत्वपूर्ण क्षमता के रूप में जीवन कौशल कला युवाओं में विकसित किया जाएगा। लिंग संवेदीकरण एक अन्य महत्वपूर्ण क्षेत्र है, जिसमें विश्वविद्यालय इस अवधि के दौरान काफी विकसित हुआ है। पहले चरण में, सभी भवनों में महिलाओं के लिए एक सेवानिवृत्ति कक्ष का निर्माण होगा जिसमें आवश्यक सुविधाएँ उपलब्ध होंगी। एक शिशु भवन की योजना भी बनाई गई है जो विश्वविद्यालय में कामकाजी महिलाओं के लिए सहायक होगी।

मेरा दृढ़ विश्वास है कि विश्वविद्यालय परिसर में उपलब्ध भौतिक सुविधाएं अपेक्षित परिणाम देने के लिए पर्याप्त नहीं होंगी। विश्वविद्यालय के विकास के लिए लक्षित लक्ष्यों को प्राप्त करने के लिए एक स्वच्छ और लोकतांत्रिक शैक्षणिक माहौल की आवश्यकता है। प्रशासन को अधिक लोकतांत्रिक, सुलभ और सुविधाओं की उपलब्धि में त्वरता के लिए प्रशासनिक सुधार किए जाते हैं। अकादमिक डीन एवं विभिन्न स्कूलों के अधिष्ठाताओं को अधिकार सौंपकर सत्ता का विकेंद्रीकरण लागू किया गया।

अभी और गतिविधियों की सूची कार्यान्वयन की राह पर है। सूची में सर्वोच्च प्राथमिकता केंद्रीय इंस्ट्रुमेंटेशन सुविधा, विश्वविद्यालय का भू-निर्माण, निर्माणाधीन भवनों का पूरा होना और अत्याधुनिक डिजिटल स्टूडियो है। आशा है कि विश्वविद्यालय के सदस्यों के सहयोग से ये लक्ष्य अनुमानित समय के भीतर पूरे होंगे। इस अवसर पर शिक्षा मंत्रालय के महत् सहयोग को रेखांकित करना भी आवश्यक है। अन्य मंत्रालयों से भी सहयोग की उम्मीद है। आशा है कि केरल केन्द्रीय विश्वविद्यालय उत्कृष्टता की ओर तेज गति से आगे बढ़ेगा। आप सभी को धन्यवाद, शुभकामनाएँ।

सी.यू.के.के.एल. न्यूज़लेटर के नए अंक के लिए मेरी शुभकामनाएँ।

आप का,
प्रो. एच. वेंकटेश्वरलु
कुलपति

members are identified, and their services are being used to execute the project within the minimum time period. As a couple of extension services are planned and executed, the needed for a center to coordinate extension activities is felt. The outcome was APJ Abdul Kalam Center for Extension Services. The center is functioning very actively in coordinating the activities. Hope the fruits can be reaped in the near future.

Understanding the importance of life skills to empower the younger generation, university has started E Sreedharan Centre for Life Skills Education. Being at the threshold of fourth industrial revolution, life skills are going to be the most critical abilities to be developed in younger generation. Gender sensitization is another important area where University has advanced significantly during this period. As first step, a room is identified in every building as a retirement room for women, equipped with essential facilities. A creche also is planned and started to support the working mothers in the University.

I strongly believe that the physical facilities available in the campus would not be sufficient to yield the expected results. A pressure free and democratic academic climate is essential for the growth of University to attain its targeted aims. Administrative reforms are carried out to make administration more democratic, accessible and delivery of services in minimum time. Decentralization of power was implemented by delegating powers to Dean academic and Deans of various schools through administrative reforms.

A list of activities are yet to be consummated. Top priority in the list are Central Instrumentation Facility, Landscaping of University, completion of buildings under construction and state of the art digital studio. Hope that the joint initiative of the members of the University may make these targets well within the time estimated for it. Great support of Ministry of Education needs to be highlighted in this occasion. Generous support from other ministries also are expected. Hope that CUK will make it's, march towards excellence in a steady and fast pace. Thank you all, wish all the best.

I wish all success to the new issue of the CU Kerala Newsletter.

Sincerely,

Prof. H Venkateshwarlu
Vice-Chancellor



CUK Secures **14th Rank** among the Best **Central Universities**

Central University of Kerala secured 14th rank in the list of best Central Universities in the country. The Outlook India Magazine marks CUK's outstanding performance in its annual rankings based on academic and research excellence, industry interface, placement, infrastructure, governance, student admissions, diversity, and outreach measures. The ranking was done as part of a survey on the higher education options for the students seeking admission in Central Universities in the country. Twenty-five varsities are included in the rank list. "We are identifying the areas where CUK will have to improve. Necessary Steps are being initiated. Already the IQAC team is in place working out the details." Prof. H. Venkateshwarlu, the Vice-Chancellor, said. The VC requested the local authorities, including the public representatives to cooperate with the initiatives of the Varsity. The Central Instrumentation Lab will be one of the priorities. The corporate sector in Kerala also should come forward to help CUK. He added.



CUK Gets New Vice-Chancellor

प्रो. एच.वेंकटेश्वरलु ने 14 अगस्त 2020 को केरल केन्द्रीय विश्वविद्यालय के कुलपति के रूप में कार्यभार ग्रहण कर लिया । आप केरल केन्द्रीय विश्वविद्यालय के तृतीय कुलपति हैं । हैदराबाद के ओसमानिया विश्वविद्यालय के भूतपूर्व प्रोफेसर, डॉ. वेंकटेश्वरलु को उसी समय केरल केन्द्रीय विश्वविद्यालय में नियुक्ति दी गई जब कोरोना वाइरस महामारी समस्त शैक्षणिक व्यवस्थाओं को पुनःपरिभाषित कर रही थी ।

उन्होंने बहुत कम समय में विश्वविद्यालय के दैनिक गतिविधियों में गतिवर्धन लाने एवं अध्ययन माहौल में प्रगति लाने के लिए विविध प्रकार के उल्लेखनीय योगदान दिए एवं महत्वपूर्ण हस्तक्षेप भी किया है । कुलपति ने विद्यार्थियों, अध्यापकों और गैर-शैक्षणिक कर्मचारियों के साथ बातचीत करके उन के सुझावों तथा विचारों को भी नोट किया है । नए कुलपति जी ने कहा कि सभी को साथ लेकर के केरल केन्द्रीय विश्वविद्यालय को भारत के उत्कृष्ट विश्वविद्यालयों में एक बनाना ही अपना उद्देश्य है ।

विश्वविद्यालय ने नई शिक्षा नीति को कार्यान्वित करने के लिए एक समिति का गठन किया है । परिसर सुन्दरीकरण का कार्य भी चल रहा है । नए कुलपति के नेतृत्व में कोविड 19 को नियंत्रित करने हेतु परीक्षणों की संख्या बढ़ाई तथा पर्याप्त पूर्वापार भी लिए गए । इस संकटकालीन दौर में केरल के चिकित्सा क्षेत्र के लिए विश्वविद्यालय ने एक महत्वपूर्ण योगदान दिया है, याने समाज की स्वास्थ्य आवश्यकताओं की पूर्ति हेतु विश्वविद्यालय के मौजूदा प्रयोगशाला के उपयोग को प्रभावी ढंग से बढ़ाते हुए नए स्ख से उभर आनेवाली वायरल बीमारियों सहित अन्य सभी बीमारियों के लिए विपुल मोलिक्युलार डायग्नॉसिस प्रदान करने का निर्णय



Hon'ble Vice-Chancellor, Prof. H. Venkateshwarlu calls on Hon'ble Kerala Governor His Excellency Shri. Arif Mohammad Khan

विश्वविद्यालय द्वारा लिया गया। इस संबंध में कुलपति जी ने स्वास्थ्य एवं सामाजिक न्याय मंत्री श्रीमती के.के.शैलजा एवं राजस्व मंत्री श्री ई.चंद्रशेखरन से मुलाकात की। सार्सकोव 2 संक्रमण के वर्धित फैलाव के मद्देनजर आवश्यक गतिविधियाँ यथाशीघ्र करने का निर्णय भी लिया गया।

प्रो. वेंकटेश्वरलु ने केन्द्रीय शिक्षा मंत्री .डॉ. रमेश पोखरियाल निशंक, विदेश राज्य मंत्री श्री वी.मुरलीधरन, गृह मंत्रालय के राज्य मंत्री श्री जी. किषन रेड्डी और केरल के राज्यपाल श्री आरिफ मुहम्मद खान से मुलाकात करते हुए केरल केन्द्रीय विश्वविद्यालय के विकास हेतु उन की तरफ से सहायताएँ मांगी। कुलपति इस विश्वविद्यालय को शैक्षणिक उत्कृष्टता की ओर ले जाने तथा इसे भारत के अन्य उत्कृष्ट विश्वविद्यालयों की श्रेणी में पहुँचाने की दिशा में आवश्यक कदम उठा रहे हैं।

Prof. H Venkateshwarlu took over as the new Vice-Chancellor of the Central University of Kerala, on 14th August, 2020. He is the third Vice-Chancellor of CUK. Formerly a professor at Osmania University, Hyderabad, Dr. Venkateshwarlu has been appointed as at the Central University's helm when the coronavirus pandemic redefines the prevailing education system.

In a short span of time, he has made several remarkable contributions and critical interventions to the university affairs to enhance day-to-day activities and improve the learning environment. The Vice-Chancellor has interacted with students and teaching and non-teaching staff and took note of their suggestions and ideas. The

new Vice-Chancellor said that he aims to take everyone along and make the CUK one of India's top universities.

The University has already introduced a committee towards implementing the new education policy. The beautification of the campus is also underway. As a part of tackling Covid 19, under the new VC, the number of tests increased and adequate precautionary measures had been taken. In a significant contribution to Kerala's health sector during the ongoing crisis, the University has decided to make more effective use of the existing laboratory for the community's health needs by providing extensive molecular diagnosis, including other emerging and newly emerging viral diseases. In this regard, Vice-Chancellor met Health and Social Justice Minister K.K. Shailaja and Revenue Minister E. Chandrasekharan. It was also decided to expedite activities based on the increased spread of SARSCOV2 infection.

Prof. Venkateshwarlu has also met Union Minister of Education Dr. Ramesh Pokhriyal Nishank, Minister of State for External Affairs Shri V. Muraleedharan, Minister of State for Home Ministry Shri. G. Kishan Reddy and Kerala Governor Arif Muhammad Khan and requested their support for the development of the Central University. The Vice-Chancellor is taking all possible measures to lead the University to academic excellence and pitch the CUK as equal among top Indian universities.



Hon'ble Vice-Chancellor, Prof. H Venkateshwarlu meets Hon'ble Union Minister of Education Shri. Ramesh Pokhriyal Nishank



Hon'ble Vice-Chancellor, Prof. H Venkateshwarlu felicitates Hon'ble Union Minister of States for External Affairs and Parliamentary Affairs Shri. V Muraleedharan



Hon'ble Vice-Chancellor, Prof. H Venkateshwarlu felicitates Hon'ble State Minister for Revenue and Housing Shri. E Chandrasekharan



Hon'ble Vice-Chancellor, Prof. H Venkateshwarlu felicitates Hon'ble Union Minister of States for Home Affairs Shri. G Kishan Reddy



Hon'ble Vice-Chancellor, Prof. H Venkateshwarlu visits Hon'ble Chief Minister Shri. Pinarayi Vijayan at Thiruvananthapuram

Independence Day Observed

74th Independence Day was observed in Central University of Kerala. Hon'ble Vice-Chancellor Prof. H Venkateshwarlu, after receiving the guard of honour, hoisted the National Flag in Tejaswini Hills Campus in presence of Dr. A. Radhakrishnan Nair, the then Registrar, Dr. B R Prasannakumar, Finance Officer, Dr. M Muralidharan Nambiar, Controller of Examinations, Prof. KC Baiju, other faculty members and staff. Hon'ble Vice-Chancellor gave the Independence Day message through video conferencing. He told that special attention will be given to Life Skill Education which was given major importance in the NEP. National level Life Skill Development Centre will be established in Central University of Kerala and the activities of the Centre will be extended to other states also. Quality education will be ensured for the students by utilizing all the available technologies and necessary steps to transform CUK as a top class University in India. Infrastructure development as well as faculty development will be given top priority; he added. Dr. A Manickavelu, former DSW was the co-ordinator of the programme. The programme was conducted by complying with the Covid 19 protocols.

Students should not be Punished on the whims and fancies of University Leadership

(Hon'ble Vice-Chancellor, Prof. H. Venkateshwarlu talks to 'The New Indian Express')



Hon'ble Vice-Chancellor, Prof. H. Venkateshwarlu
assumes charge on 14th August 2020

On the eve of the 74th Independence Day, Prof. H Venkateshwarlu, former commerce professor of Osmania University, took charge as the third Vice-Chancellor of the Central University of Kerala at Periya in Kasaragod. On August 15th, in his first public address as the Vice-Chancellor, Prof. Venkateshwarlu said: "Students are the most important part of the university. No student should suffer."

On the eve of Teacher's Day, he has another piece of advice for his faculty members: "Mingle with students and understand the socio-cultural and economic backgrounds of students. That is the biggest challenge".

His reason to understand the "background music" of students can be traced to his own past. Circumstances made Prof. Venkateshwarlu a teacher when he was in Class 5.

He grew up in Vemulaghat village in the former Medak district of Andhra Pradesh (now in Siddipet district of Telangana), where there was no electricity till he was in Class 8 (1973). He lost his father when he was six years old and his mother raised him. "I started giving tuition from Class 5 to support my family and education," he says.

The Government of Andhra Pradesh honoured him with the Best Teacher Award in 2010. He retired from Osmania University last year after teaching for 30 years.

Prof. Venkateshwarlu, known as HV in academic circles, has already hired a Malayalam teacher to teach him the language. "Now the Government of India gave me another opportunity and I want to do social and academic justice to my new role," he tells The New Indian Express. Excerpts from the interview.

Q. You come from Osmania, one of the most politically active universities in India. The Central University of Kerala has a track record of rustinating or suspending students over Facebook posts and filing a police complaint against a student for breaking a glass.

A. It depends on the leadership. I would have dealt with it differently. Teachers should be mentors to students. They must understand the social, cultural, and economic backgrounds of students. I have met students from all backgrounds in my 40 years long teaching career. My first option will be to counsel the students. We have to listen to them, be patient with them. Punishment should be within the limit of the governance of the university. It should not be on the whims and fancies of the leadership.

Q. A student had to drop out after the department did not allow her to write an exam over the lack of attendance. Another PG student who got JRF in the first semester could not claim the fellowship for the same reason.

A. The purpose of attendance is to instill a sense of the system before students leave the university. That is the core purpose, not to judge knowledge. Teachers need not



waive off the shortage, but they can conduct special classes to make up for the lost classes. We have done it in Osmania. Ultimately, if we don't help students, who will help? But help within the rules.

Q. What's your take on political activism on campus?

A. That is their right. The political leadership we see today has

grown from universities. But universities should not be the centres of political actions.

Q. Student strength in departments has been increased to 60 in arts and social science departments, and 40 in science departments. Does the university have the infrastructure to support such big classes?

A. The All India Council for Technical Education norms allow for 60 students. But teachers of the Physics Department told me that they have 38 students, and it should be only 20. Thirty students are good, 40 is a little more. Let me check with the Academic Council.

Q. What are your priorities for the university?

A. The university is 10 years old and it is the right time to give the university a character. I have identified three to four departments. I want to encourage and motivate them full scale to make the university nationally competitive and globally visible. I do not mean to neglect other departments. Research is a priority area for which I will have to reallocate funds by cutting down on luxuries. I am contemplating three multidisciplinary courses in computer science, mathematics, and social science, giving students multiple exits.

Mathematics and economics is the most wanted combination across the world. Add to that finance and artificial intelligence and data analytics and the course will sell like hotcakes. Our students can be globally placed with such courses. We will also be developing a botanical garden and biodiversity park. Apart from that, around 10,000 trees will be

- planted to beautify the campus.
- Q.** On sports and social responsibilities ?
- A.** The university's playground has to be developed. I have also asked for the immediate appointment of a physical education instructor. We can tap Khelo India for funds. Another thing I like to concentrate on is to develop the

life skills of schoolchildren. We have a Centre for Life Skills. I will personally supervise it. We will identify 10 schools in the university's neighbourhood and use our 200 faculty members and 400 research scholars to interact with the students. It will be a round-the-clock programme. We will focus on these schools for two years and then move to the next batch of schools.



NEP Promotes Research Culture

(Hon'ble Vice-Chancellor, Prof. H. Venkateswarlu talks to 'The Hindu')

The National Education Policy (NEP) 2020 envisages a robust research ecosystem and lays the framework for promoting research and innovation right from the school level, Prof. H Venkateswarlu, Vice Chancellor, Central University of Kerala (CUK), Kasaragod, has said.

Prof. H. Venkateswarlu, who assumed charge at the helm of CUK two months ago, told The Hindu that the policy document identifies the lacunae that hindered the evolution of a strong research culture in higher educational institutions.

“To promote a conducive environment for innovation, we will have to address our approach to integrity in research; and existing standards, protocols and policies in research organisations,” he said.

Hailing the plan to establish the

National Research Foundation (NRF) as a progressive move, he said that the proposed agency will facilitate incentives for outstanding research, even while funding institutions such as DST, DBT, ICAR and ICSSR will continue funding research in priority areas. In effect, the endeavour is likely to have a significant impact on research funding.

The NEP 2020 which, he said, augers well for promoting research and innovation from the school level laid emphasis on more play and discovery-based style of learning.

“The curricula and methods of teaching and evaluation will have to be flexible to promote a research culture. Ample freedom has to be allotted to students to ask questions and to explore the problems posed

to them. Kindling their curiosity and a perfect understanding of what makes them interested is very essential to build up an innovative mind. We can develop curious and innovative minds among school students if we succeed in implementing the real spirit of NEP 2020. The benefit of such efforts will gradually translate to the higher education level,” the academician said. Prof. H. Venkateswarlu called for urgent steps to realise the target to spend 6% of the country's gross domestic product (GDP) for education and earmarking a sufficient portion for research. Researchers across higher education institutions and research organisations must be encouraged to take up research on study areas including socio-economic aspects, culture and science, he said.

बलाल कोट्टकुन्नु भूस्खलन सर्वेक्षण स्थान पर भूविज्ञान समिति

Balal Kottakkunnu Landslide

Geology Team Visits Site for Study



बलाल कोट्टकुन्नु भूस्खलन व्याप्त प्रदेश में कासरगोड के केंद्रीय विश्वविद्यालय के भूविज्ञान विभाग द्वारा सर्वेक्षण किया गया। सी.यू.के के भूविज्ञान विभाग के अध्यक्ष डॉ. प्रतीष एवं डॉक्टर संदीप दल के प्रमुख अध्यक्ष रहे। समिति ने अपनी रिपोर्ट में कहा कि भारी वर्षा, कच्ची सड़क एवं 60 डिग्री के डालू सतह स्खलन की वजह हो सकती है। सी.यू.के का भूगर्भ विज्ञान विभाग मलेशिया के कर्टिन विश्वविद्यालय के साथ मिलकर मौसम के बदलाव, पश्चिमी घाट के भूकंप, भूगर्भ जल व्यवधान आदि पर भी व्यापक अध्ययन कर रहा है। नए कुलपति महोदय श्री प्रोफेसर एच. वेंकटेश्वरलु के नेतृत्व के सामाजिक वचनबद्ध पद्धतियों के प्रयोगों में भी सी.यू.के कार्यरत है।

The Geology Department of the Central University of Kerala visited the landslide-hit areas of Balal Kottakkunnu. The study was conducted by a team led by Dr. Pratheesh, Head of Department in charge and Dr. Sandeep. The team said heavy rains in the region for the past four days, a

slope of about 60 degrees and damage caused by widening of the road might have contributed to the unpredictable phenomenon.

The Dept. of Geology of the University has already started a comprehensive study on the changes in Kerala's topography and climate

after 2018. In collaboration with Curtin University in Malaysia, the department is currently conducting studies on landslides and earthquakes in the Western Ghats. The University plans to conduct further explorations in the Kasaragod district, given the current situation. Besides, the Dept. has recently started the draft project on the groundwater utilization system for the district.

Under the leadership of Prof. H Venkateshwarlu, the new Vice-Chancellor who took charge last month, the team is preparing to conduct further studies in the University's comprehensive social commitment programs.

National Teachers' Day Stimulate Students' Thoughts: Vice-Chancellor

The most significant role of the present day teachers is to stimulate the thinking of the students. They must become the driving forces for nation building, said Prof. H. Venkateshwarlu, the Vice-Chancellor of Central University of Kerala. He was speaking at a function organised by the Central University of Kerala's Department of Education to mark the National Teachers' Day and honor those who have won this year's National Teachers' Awards.

He also reminded that in this age of rapid transformation, it is the teachers' responsibility who are the powerful social engineers. This should be the pledge that the teachers should take on this Teacher's Day. He added that CUK would formulate the necessary plans to maintain warm relations with the teachers who have won the Teachers' Award and the best teachers in the surrounding areas and to use their services. The program was conducted as a webinar in the context of Covid precautions. The then Registrar Dr. A. Radhakrishnan Nair welcomed the gathering.

The Award winners Sreenivasan V, Dr. Kodakkad Narayan, Mahesh Kumar M, Kunhambu Poduval M., K N Aravindakshan and Vellikoth Vishnu Bhat felicitated. Prof. Muhammadunni Alias Mustafa presided over the function for which Prof. Amruth G Kumar, Head, Department of Education proposed the formal vote of thanks.

Computer Sign Language Design Patent for Faculty and Researcher



Dr. R. Rajesh



Ms. V. Aditya

Central University of Kerala faculty and research student have obtained a patent for the design of a position-adjusting device with a camera that captures sign language, as a solution to overcome the challenges faced by deaf people using computers. Department of Computer Science Associate Professor Dr. R Rajesh, and Ms. V. Aditya who is researching for her doctoral degree have succeeded in completing such a design through two years of research. The research in sign language started in the year 2016 in the Department of Computer Science, Central University of Kerala by the team consisting of a research scholar Adithya V. under the supervision of Dr. Rajesh R, Head,

Department of Computer Science. This research helped the team to understand that the lack of proper communication facilities is a major challenge to the deaf people.

The team have published several papers in the developing effectual methods for the recognition of sign language. The team was aiming to develop a system for sign language recognition for the society.

The communication with sign language often fails when the deaf wants to interact with the hearing majority in the society as it is not pragmatic to make every person learn sign language gestures. The conventional manual interpretation is also not a practical solution in every

deaf person's life. The acquisition of proper hand gesture data is essential for the success of any real time vision based hand gesture recognition application. Even a real time hand gesture recognition device working under cluttered background or non-uniform illumination conditions will not help the deaf to communicate with high accuracy. So, there is an undeniable need for developing reliable systems for the automatic recognition of sign language gestures.

As an initial stepping stone, the team has developed a system "position adjusting device for the camera capturing the sign language" that will lead to automatic sign language recognition system developments. The team has now obtained a design patent for it with design no. 330821-001. The model will gain more attractions in the current social distancing scenario as it enables the accurate dissemination of the urgent messages from the deaf people promptly. The team is also in the process of filing a product patent for sign language recognition.

Experts in the field believe that such a design is the most important step in studying computer sign language. It is hoped that this will lead to more innovations. The energy for that is available through this patent, said Dr. Rajesh.



'Tests' of Social Commitment



कोविड-9 महामारी वर्ष 2021 में भी भारी मात्रा में स्वास्थ्य क्षेत्र का सबसे बड़ा खतरा बनती जा रही है। जन-जीवन ने 2020 की तरह 2021 में भी कोविड के साथ स्वयं को ढाल कर जीना सीख लिया है। झछड़झभ'श व्याधि के तहत कोविड-19 महामारी मानव इतिहास में सबसे खतरनाक वायरल बिमारी बन चुकी है। रियल टाइम फेलीमेरिस चेइन रियावशन (इ-भइ) कोविड आरंभ से ही पहचानने का सबसे आसान रास्ता बन चुका है। भू-इतिहास देखें तो केरल राज्य का छोटा सा जिला कासरगोड पिछड़ा हुआ माना जाता है किंतु इसी पिछड़े जिले में जाँच की नई पद्धति खुल गई है। जनवरी से फरवरी 2020 तक जिला स्वास्थ्य अधिकारी जाँच के नमूने को पुणे या आलपुष्पा की बायोलॉजी प्रयोगशालाओं में भेजा करते थे और हफ्तों के इंतजार के बाद फल की प्राप्ति होती थी। कोरोना के निरंतर कहर में एक पल ज़ाया करना भी कठिन एवं खतरनाक था। इसी कारण सी.यू.के जीव रसायन एवं आणविक विज्ञान विभाग के अध्यक्ष राजेंद्र पिलांकड्डा, जो बायोलॉजी एवं डेंगू वायरस के क्षेत्र में अग्रणी है; के नेतृत्व में डॉक्टर वी.बी समीर कुमार (कैंसर जीव रसायन शास्त्री) और शास्त्र के अन्य अन्वेषकों तथा शोधार्थी श्री रंजीत, कुमारी लतिका, श्री प्रजीत, श्री विष्णु एवं तकनीकी सहायक सतीश के साथ इ-भइ की जाँच शुरूकी गई। विश्वविद्यालय की प्रयोगशालाओं में इनका गठन हुआ। सी.यू.के को प्रारंभ हुए केवल एक दशक ही हुआ है किंतु शिक्षा द्वारा समाज सेवा में इस महामारी के समय में विश्वविद्यालय एक उदात्त उदाहरण बन गया है।

अन्य क्रियाशील शोधार्थियों एवं पूर्व विद्यार्थियों के आगमन से समिति को बढ़ाया गया। डॉ. शरद शंकर, डॉक्टर लिसी अडाट, डॉ. प्रतिभा ओहन और डॉक्टर श्रुति समिति में कार्यरत रहे। पीएच.डी. विद्यार्थियों ने भी टीम में शामिल होकर अपना योगदान दिया। कुमारी रवीना, कुमारी अश्वनी, श्री राजेश श्री आशुतोष, कुमारी अंजली, एन.एच.एम के अधिकारी, तकनीकी कार्यकारी, प्रोग्राम मैनेजर, जिला स्वास्थ्य अफसर, प्रयोगशाला के अधिकारी, डी. ई. ओ. तथा इंजीनियरिंग विभाग ने भी पूर्ण सहयोग दिया।





Our Corona warriors: Covid-19 Testing Team

एंजुलेंस ड्राइवर भी निर्मोही कार्यरत रहे।

सी.यू.के और जाँच समिति स्वयं को भाग्यशाली समझते हैं कि इस महामारी के समय प्रोफेसर एच. वेंकटेश्वरलु कुलपति के स्ख में प्राप्त हुए। सी.यू.के के प्रयोगशालाओं ने कासरगोड जिले को ही नहीं बल्कि पूरे केरल को कोविड-19 के विरुद्ध प्रयास में सहायता दी है। वर्तमान में प्रयोगशाला ने 59,000 जाँच पूर्ण किए हैं। कासरगोड सदा ही स्वास्थ्य गतिविधियों में पिछड़ा रहा है लेकिन सी.यू.के की सहायता एवं उपयोगिता ने खतरनाक स्ख में समय नष्ट होने से भी बचाव रखा और कोविड-19 के प्रभाव को भी एक सीमा तक कम किया। बायोलॉजी, आणविक विज्ञान, ळइछभ, घळ भारत सरकार से ग्रांट तथा आइजेनोक हेक प्राइवेट लिमिटेड ने भी निदान के उपाय प्रदान किए हैं। जिससे बीमारों की जाँच की जा सके और नमूनों को सुरक्षित किया जा

सके। वर्तमान में सी.यू.के इ-भइ के आधुनिक प्रयोगशालाओं के निर्माण में संलग्न है। सामाजिक आवश्यकताओं को समझ कर कोरोना के निदान को वृहत्तर बनाने के लिए नए शोध चल रहे हैं। 29 सितंबर 2020 को कुलपति महोदय स्वास्थ्य मंत्री एवं राजस्व मंत्री से मिले थे। वर्तमान परिस्थिति के तहत भारत सरकार के स्वास्थ्य विभाग और सी.यू.के का योगदान कासरगोड जिले के ही नहीं बल्कि व्यवस्था की सरहदों से परे मानवता की सहायता को लक्ष्य कर रहा है।

COVID-19 pandemic is entering into the year 2021 as a looming public health threat. Slowly, we are getting adjusted to living with the situation by strictly following the Covid-19 preventive protocol. For any viral outbreak, the early diagnosis and implementing the preventive measures become the 'mantra' to contain the spread of disease into the community. Covid-19 disease caused by SARSCoV2 infection became a severest viral disease in human history to tackle due to its rapid

pandemic spread. The Real-Time Polymerase Chain Reaction (RT-PCR) based detection of the genetic material of SARSCoV2 became the global technique for the detection of the early infection with more than 95% sensitivity. Still, it is a gold standard for diagnosing SARSCoV2, even though several alternative tools came into the picture.

"RT-PCR testing for the SARS CoV2 infection in Kasaragod!", a historically backward northernmost district of Kerala, became a question in front of Govt of Kerala's health authorities as well as the public. The situation demanded a high-end molecular biology lab with a virus-handling biosafety facility and a highly



Lathika, Mr. Prajit and Mr. Vishnu and Mr. Ratheesh, initiated the RT-PCR based SARSCoV2 testing at CUK on 28th March 2020. ICMR approved the same as per the Hon Vice Chancellor's recommendation, CUK and Dept. of Health, Govt of Kerala for conducting the test. CUK was the first University in India to set up the SARSCoV2 RT-PCR testing even though it is only a decade old university. Thereby CUK became a model for the nation by serving the community during the pandemic outbreak of a deadly virus, SARSCoV2.

The team lead by Dr. Rajendran Plankatta and Dr. Sameerkumar was expanded with Dr. Sharath Shankar, Dr. Lincy Edatt, Dr. Prabitha Mohan and Dr. Sruthi M V, all old students of CUK. Further strength to the team was contributed by the joining of senior PhD Scholars, Ms. Rabina, Ms. Aswathi, Mr. Rajesh, Mr. Manoj, Mr. Ashuthosh, Ms. Anjali and Central University technical staff Mr. Rajesh. The team was also fortunate to obtain generous support from the District Collector, Dr. Sajith Babu, District Programme Manager, Dr. Raman, District Medical Officer, Dr. Ramdas, District Surveillance Officer, Dr. Manoj in terms of providing NHM staffs as Lab Technician and Data entry

operator. Mr. Abhijith, Mr. Amaljith, Mr. Amalraj, Mr. Ashwin, Mr. Prathap, Mr. Sanal, Ms. Arathi, Ms. Aswathi, Ms. Kshithi, Ms. Neethu, Ms. Roshna, Mr. Krijith, Mr. Maneesh Mr. Roopesh, Mr. Sufaid, Mr. Suneesh, Mr. Abdul Razak, Mr. Jithin and Mr. Simsar contributed their excellent services as Laboratory technical staffs. Similarly, Mr. Rizwan, Mr. Nikhil, Mr. Sachin, Ms. Arpitha, Ms. Varsha and Ms. Sukanya imparted significant contribution as DEO. Mr. Rajagopal and his engineering wing gave constant support and help to develop and maintain lab facilities for conducting the COVID-19 RTPCR testing. Ambulance drivers Mr. Praveen, Mr. Vivekanandhan and Mr. Sharath, Security staff, electric staff, and cleaning staff contributed selfless services.

CUK and the testing team were highly fortunate to have Prof. H Venkateshwarlu as Vice-Chancellor during

skilled biochemist and molecular biologist. During Jan and Feb 2020, the district health authorities sent samples to Pune or Alleppey virology lab and waited for weeks to get the results. Meanwhile, the virus was spreading every minute through mutual contact of the individuals. In this context, The faculty members of Department of Biochemistry and Molecular Biology, Dr. Rajendra Pilankatta Dr. V B Sameer Kumar, along with the support of senior research scholars Mr. Ranjeet, Ms.



In the Virology Lab



State Health Minister Smt. K K Shailaja felicitating Dr. Rajendra Pilankatta

the peak Covid-19 pandemic in Kerala, which significantly accelerated the lab activities. The lab provided unprecedented support to the entire Kasaragod District and the entire state of Kerala during the Covid-19 pandemic, and the process is being continued. Presently, the lab has completed 59,000 number of tests. The northernmost region of Kerala, Kasaragod, suffers from severe lacunae of medical facilities. The services of Covid-19 testing facility of CUK significantly decreased the time lag for obtaining the test results and hence augmented the quarantine procedure, which was instrumental in the controlling the spread of the disease in the locale.

BIRAC, DBT, Govt of India grant was also awarded to the endore in Collaboration with MagGenome Technologies Pvt. Ltd. to develop a less invasive diagnostic tool to detect the presence of SARS-COV2 in the saliva of the patient instead of the more invasive throat and nasal swab.

Currently, CUK is strengthening the existing COVID-19 RTPCR diagnostic laboratory by establishing a separate Virology lab within the campus with the National Health Mission and the Dept. of Health, Govt of Kerala. The laboratory will cater to the community's needs by providing advanced molecular diagnoses for emerging and re-emerging viral diseases apart from the ongoing

COVID-19 diagnosis. In this regard, Hon'ble Vice-chancellor of CUK Prof. H Venkateshwarlu has met Hon'ble Minister for Health and Social Justice, Smt. K K Shailaja and the Revenue Minister, Sri. E Chandrasekharan and decided to accelerate the process, primarily based on the increased rate of SARSCOV2 infection. An MoU was executed earlier in this regard between CUK and the Dept of Health, Govt of Kerala. The molecular virology lab in the CUK campus will be a milestone in Kasaragod District's development and aims to continue serving humanity beyond the geographical boundary.

Kerala state government honoured the Central University of Kerala for their efforts in fighting Covid-19 pandemic. State health minister K K Shailaja felicitated Dr. Rajendra Pilankatta, Head of Bio-Chemistry and Molecular Biology, who has spearheaded the efforts to combat the pandemic by giving a memento. Minister has lauded the University's efforts under the leadership of Vice-Chancellor Prof. H Venkateshwarlu in combating the Corona Virus. Assistant Professor Dr. Sameer Kumar V B, Medical officer Dr. Arati Nair were also present. The felicitation was done at the meeting of district medical officers at Kanhangad National Health Mission conference hall.

NEP 2020

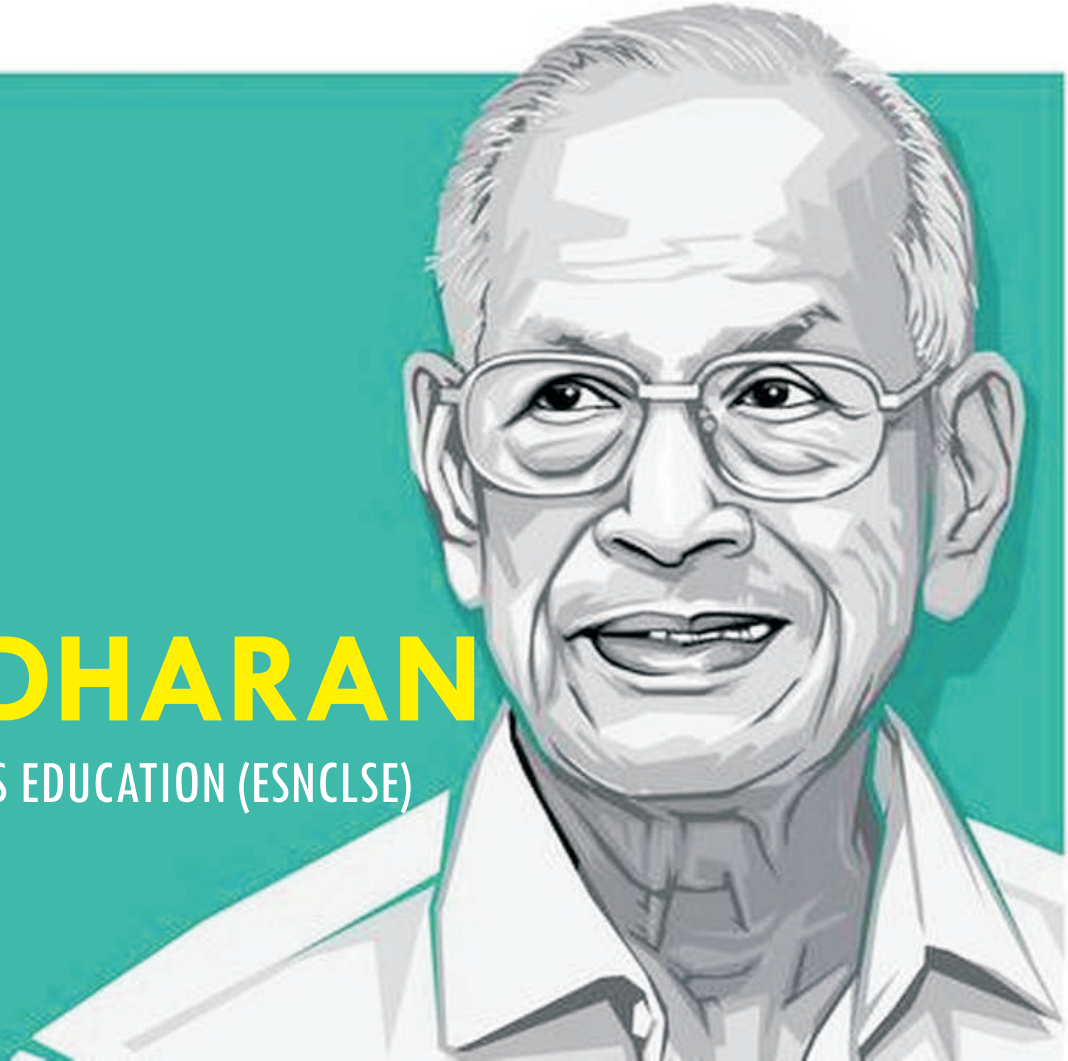
for Systemic Reforms

V Muraleedharan



The new National Education Policy aims at systemic reforms, said V Muraleedharan, the Union Minister of State for External Affairs and Parliamentary Affairs. He was speaking after inaugurating the Department of Education's National Workshop, Central University of Kerala. From time immemorial, India has been known as Vishwa Guru. Based on that, the new policy is designed to use the maximum potential of human resources. National development is one of its main goals. It is structured in such a way as to uphold the values of humanism, utilize the best energy, and fulfill social responsibility. He added.

Vice-Chancellor Prof. H Venkateshwarlu, Pondicherry University VC Prof. Gurmeet Singh, IGNOU VC Prof. Nageshwar Rao, Tripura University VC Prof. Ganga Prasad Prasan, Andhra Pradesh Central Tribal University VC Prof. T V Kattimani, Mizoram University VC K R S Sambashiva Rao, Baroda Maharaja Sayajirao University VC Prof. Parimal H. Vyas, Andhra Pradesh Central University VC Prof. S A Kory, and Tamil Nadu Central University VC Prof. K Karpaga Kumaravel led the discussion. Prof. Amruth G. Kumar, the Head of Department of Education and, Prof. Muhammadunni Musthafa, the Dean spoke.



E. SREEDHARAN

CENTRE FOR LIFE SKILLS EDUCATION (ESNCLSE)

The Centre for Life Skills Education (CLSE) is launched by the Central University of Kerala under School of Education on 19th December 2017 to undertake research, teaching and training programmes in life skills education and to propagate the need and importance of life skills education in the country. As the educational dynamism of the country is meticulously changing in the context of NEP 2020, the life skills and life skills education has to be popularized as implied in the national Educational Policy. National Education Policy 2020 give much importance to Life Skills and

promoting Life Skills by bringing about structural and functional changes in the educational design and pedagogy. The youth policy of the Nation also for equipping the young generation with life Skills enabling their smooth adaptability. It is matter of fact that NEP calls for urgent reformation to promote critical and creative thinking among the learners at all levels. Youth of our nation needs to be trained in employability and multitasking to survive in the present day post global economic order. All these demands for a vital shift in the life skills approach which has been there so far in institutions. With this

spirit, to widen its activities to all the domains of life and to cater to the needs of the students belonging to all disciplines and to address the issues of the community in a comprehensive manner, the Centre has been renamed and gave a new face by the Central University of Kerala.

With the objective of honoring and as a reverence to the metro man of India, the Centre has been renamed as E Sreedharan Centre for Life Skills Education (ESNCLSE). Central University of Kerala aims to project E Sreedharan as the icon of skilled management and role model for problem solving skills to the future generation.

Mission

To provide an optimum and encouraging environment with expertise sharing where pupils and people are empowered by making life skills for transformational competencies to achieve their maximum potential through learning and living together as essence of education.

Vision

ESNCLSE strives to nurture and inspire the minds and create skilled hands for sustainable development. The Centre also envisages to conduct research, extension and capacity development activities to work in the direction of social transformation and provide various life skills required for empowering the young generation for a sustainable future.

Programme Conducted

- ♦ Organized 15 days online training program on Coping with Pandemic situations: online training on Life skills, Counselling & Mentoring for the teachers, researchers and life skills practitioners across the country.
- ♦ Life Skills Training Programme for the newly enrolled students in connection with the induction 2020
- ♦ Second Phase Life Skills Programme for the First Semester Students.
- ♦ International Webinar Series on Women and Development in collaboration with CWS, CU Kerala- Three Webinars conducted.

Life Skills Training Session



Executive Committee

- Chairman : Prof. H Venkateshwarlu
Hon'ble Vice Chancellor
- Director : Prof. M N Mohamedunni Alias Musthafa
Professor and Dean. School of Education
- Joint Directors: Dr. Laxmi Putran, Assistant Professor, Dept. of Social Work
Dr. K Thiyagu, Assistant Professor, Dept. of Education
- Members : Dr. Chandrabose R, Asst. Professor, Dept. of Malayalam
Dr. Seema Chandran, Assit. Professor, Dept. of Hindi
Dr. K Sowjanya Sree, Asst. Professor, Dept. of Environmental Science
Dr. Mary Vineetha Thomas, Asst. Professor, Dept. of Education
Dr. Asha S, Asst. Professor Dept. English and Comparative Literature

Objectives

- ◆ To function as a nodal Training Centre in Life Skills at national level.
- ◆ To develop as a reservoir of resources related to Life Skills and Life Skills Education.
- ◆ To carry out and promote field researches and action oriented research programme related to Life Skills Education.
- ◆ Act as a catalyst for enabling an individual to become an active member of the society by the symbiosis of different stakeholders of higher education
- ◆ Exposure to expertized environment where the individual transforms their potentials to the maximum.
- ◆ Employment skills training for the students by adopting online and off line mechanisms.
- ◆ Develop the beneficiaries a greater sense of self-awareness and appreciation for others.
- ◆ To nurture critical and creative thinking and problem solving abilities among the youth.
- ◆ To build confidence in communication skills for group collaboration and team work.
- ◆ To equip the students with career ready skills, attributes and values at respective stages.
- ◆ To support the students and build up an attitude so that they take up ownership of their studies, career and life.

Functional Domains

- ◆ Sensitizing all the stakeholders of the society on the significance of life skills and life skills education in the context of NEP 2020
- ◆ Life Skills Education for Teachers for augmenting understanding of 21st century learners
- ◆ Life Skills Training for Students for Self-placing and enhancing Employability Skills.
- ◆ Life Skills for Corporate Employees

for organizational behavior and Psycho-social Well-being.

- ◆ Capacity Building Workshop on Life Skills for higher educational faculty members.
- ◆ Life Skills for Health Care Professionals for sustaining effective Inter Personal Relationship.
- ◆ Certificate and PG Diploma Programmes and various online training programs.

Collaboration

ESNCLSE, Centre University of Kerala seeks functional collaboration with educational institutions/ industries/ philanthropic agencies and the similar working in the same or similar area pertaining to the objectives of ESNCLSE. The functional collaboration will be regulated by a MoU signed between the ESNCLSE and the other agencies from time to time. The format of the same will be developed in mutual consensus and approval by the Central University of Kerala.



CUK conducts Central Universities Common Entrance Test 2020

Central Universities Common Entrance Test was conducted smoothly across the 17 centres across Kerala and Mangalore in Karnataka. The number of centres was raised for this round to meet the COVID-19 social distancing norms. There were additional centres in Kannur, Kozhikode, Thrissur, Ernakulam, and Thiruvananthapuram cities.

The 2020 round of the Central Universities Common Entrance Test was conducted smoothly across the 17 centres across Kerala and Mangalore in Karnataka. The number of centres was raised for this round to meet the COVID-19 social distancing norms. There were additional centres in Kannur, Kozhikode, Thrissur, Ernakulam, and Thiruvananthapuram cities. Also, the University's main campus hosted the entrance for the first time.

Central University of Kerala Nodal Office had received 33333 applications: 3490 UG, 25121 PG, and 4722 M. Phil/Ph.D. applications for admission to a total of 27 courses. The test went smoothly and efficiently at all the centres in adherence to the social distancing guidelines and CUCET regulations. In the main

campus centre, the university medical team, in coordination with the district administration, had made all the arrangements for the appearance of quarantined and COVID-19 positive candidates.

Under the leadership of the Hon'ble Vice-Chancellor Prof. H Venkateshwarlu, the Central University of Kerala CUCET Nodal Office, with the Nodal Officer (and Controller of Examinations) Dr M Muralidharan Nambiar and Deputy Nodal Officer Dr Ramachandran Kotharambath, coordinated the 2020 round of the CUCET with the wholehearted support of the teaching and administrative staff at University (particularly the Examination, Finance, Estate, and Engineering sections), the test centres, and CUCET Headquarters.

The Central Universities Common Entrance Test (CUCET) is conducted by the consortium of fourteen Central Universities and four State Universities for admission to various Integrated/Under-Graduate, Post-Graduate, and Research Programmes. The CUCET acts as a single-window for admission to various courses, and the participating universities/institutes get suitable candidates from around the country. The CUCET ensures the quality of students entering the learning stream of the universities every year. The Central University Kerala (CU Kerala) joined the consortium in 2013 and has been part of it ever since. The number of CUCET applications to CU Kerala has been steadily increasing over the years: ~ 19000 (2018), 27000 (2019), and 33333 (2020).



Apj

Abdul Kalam

centre for
Extension Activities



On the 89th birth anniversary of Dr. APJ Abdul Kalam on 15th October 2020, Prof. H Venkateshwarlu, Honorable Vice-Chancellor of Central University of Kerala, has announced the establishment of a Centre, which is named after the great scientist, for carrying out extension activities of the University. The centre would be emphasizing on various field of development like, child development, youth development, women empowerment, life skills education, environmental conservation, health, sanitation and hygiene, rural, tribal and urban development and so on. Dr. A K Mohan, Dean, School of Social Sciences and Head of the Department, Social Work, took the charge as the first Director of the Centre and, Dr. Pratheesh P, Department of Geology, took the charge of Joint-Director of the Centre. Further, the Centre has 11 executive members on its board. As per the decision of the Executive Committee

meeting, the Centre would concentrate on health and hygiene, employment, water and sanitation, social conflict measures, education, and waste management. The meeting has also proposed that the Centre may target the schools and college students, teaching community, and local self-governance as the stakeholders of its programs till March 2021.

Mission

Generating sustainable awareness and sustainable integrated development through partnership with grass root level organizations like PRIs, SHGs, PHCs/SCs, Co-operative organizations and Schools.

Vision

Play a dynamic and catalytic role in promoting sustainable awareness and sustainable development and also to serve as data base for identification, location and magnification of extension and development activities including support service.

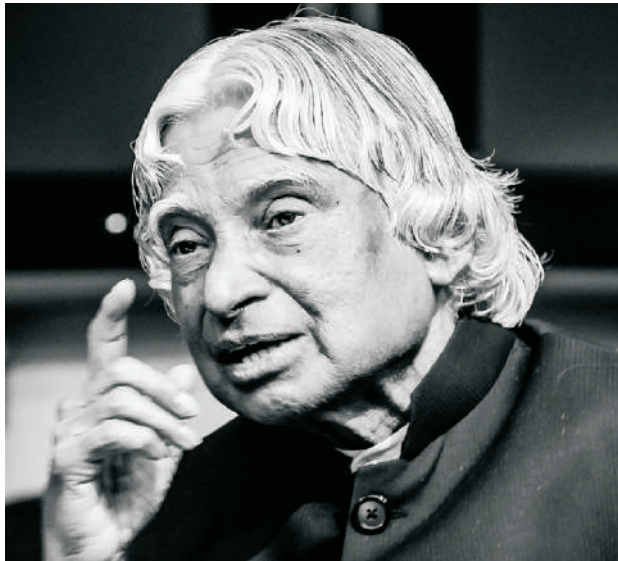
Objectives

Identification of felt needs of the stakeholders/communities by adopting participatory techniques and strategies.
 Promotion of participatory planning and implementation/ action.
 Organization of need based programmes to generate awareness on various issues/areas. Like environmental conservation, waste management, health, sanitation and hygiene and women empowerment.
 Mobilization of local (community level/internal) and external resources for the empowerment of stakeholders/target population.
 Organization of capacity development programmes to equip the stake holders with necessary skills.
 Serving as a data base for sustainable awareness and sustainable development.

Functional Domains

- Awareness programmes
- Capacity development programmes
- Local resources mapping
- Research
- Training
- Publication





External Collaborations

APJ Abdul Kalam Centre For Extension Activities seeks to have collaborations with various CBOs (community based organizations), PRIs, urban municipal bodies, SHGs, village/urban schools and various departments of government like rural development, tribal development, health, environmental conservation, Women and Child development, NYKs, CSR wings of industries and so on.

Executive Body

Chief Patron : Prof. H Venkateshwarlu
Hon'ble Vice-Chancellor
Director : Dr. A K Mohan, Dean,
School of Social Sciences and
Head, Department of
Social Work
Joint Director : Dr. Pratheesh P,
Assistant Professor,
Department of Geology
Members : Dr. H P Gurushankara (Dept. of
Zoology), Dr. Dilip Diwakar G (Dept. of Social
Work), Dr. Subramanya Pailoor (Dept. of Yoga),
Dr. Rishiram Ramanan (Dept. of Environmental
Science), Dr. P M Aneesh (Dept. of Physics), Dr. L
Divya (Dept. of Zoology), Dr. Tony Grace (Dept.
of Genomic Science), Dr. Jasmine M Shah (Dept.
of Plant Science), Dr. Ravikumar Kanaparthi
(Dept. of Chemistry), Dr. Eftthikar Ahamed B
(Dept. of English & Comparative Literature), Ms.
Jayalakshmi Rajeev (Dept. of Public Health &
Community Medicine)

Programmes

- ◆ Gandhian Way in 2020. Bernie Mayor (American Gandhi) was the resource person. Hon'ble Vice-Chancellor Prof. H Venkateshwarlu inaugurated the programme. Dr. Mohan A K, Director, Dr. APJ Abdul Kalam Centre for Extension Services and Dr. Laxmi, Assistant Professor, Department of Social Work, participated.
- ◆ Organized a webinar on Child Mental Health for the Students of Navodaya Vidyalaya, Periyar, Kasaragod. Rashmi Gopinath, Consultant Psychologist was the resource person. Hon'ble Vice-Chancellor Prof. H Venkateshwarlu inaugurated the programme. Dr. Mohan A K, Director, Dr. APJ Abdul Kalam Centre for Extension Services and K M Vijaya Krishnan, Principal, Navodaya Vidyalaya, participated.
- ◆ Conducted Child Mental Health and School Social Work for School Counsellors of Kasaragod District. Dr. Bino Thomas, Associate Professor, NIMHANS, Dr. Laxmi, Assistant Professor, Department of Social Work were the resource persons. Hon'ble Vice-Chancellor Prof. H Venkateshwarlu inaugurated the programme. Dr. Mohan A K, Director, Dr. APJ Abdul Kalam Centre for Extension Services and K M Vijaya Krishnan, Principal, Navodaya Vidyalaya Ms. Kavitha Rani, Programme Officer, WCD, participated.
- ◆ Cyber Awareness Programme. Smt. Shilpa Dyavaiah IPS, District Police Chief, Kasaragod was the resource person. Hon'ble Vice-Chancellor, Prof. H Venkateshwarlu inaugurated the programme. Dr. Mohan A K, Director, Dr. APJ Abdul Kalam Centre for Extension Services, participated.
- ◆ Clean Mangalpady, Green Mangalpady. The “Clean Mangalpady, Green Mangalpady” project could enhance the volunteering efforts of the community for proper waste management. Mrs. Laxmi, District Co-ordinator of Shuchitwa Mission, Mr. Samseer R H, Guest Faculty, Department of Social Work, participated.
- ◆ Gearing up to tackle Post-Covid Syndrome. Dr. Kannan A S, Medical Officer, Health Centre, CUK was the resource person.
- ◆ Mindfulness and Teachers' Wellbeing in the Context of New Normal. Dr. Rameela Shekar, Manashanthi, Bangalore was the resource person. Hon'ble Vice-Chancellor Prof. H Venkateshwarlu inaugurated the programme. Dr. Mohan A K, Dr. Gurushankara H P, Department of Zoology, participated.
- ◆ A Webinar on COVID Vaccines: An Overview. Dr. Anish T S, Associate Professor, Community Medicine, Government Medical College, Thiruvananthapuram, was the resource person.

एंडीज पर्वतों में दो अति विशाल फेफड़ेहीन सेलेमेंडर की खोज

Two extremely rare lungless
salamanders from the

Andes Mountains



The lungless timid amphibians *Oedipina villamizariorum* and *Oedipina ecuatoriana* belong to the genus *Oedipina*, subgenus *Oedopinola* of the neotropical family Plethodontidae. The research is published in the international science journal PeerJ. *Oedipina villamizariorum* is a medium-sized species with a narrow, relatively pointed head and blunt snout, with dorsolaterally oriented eyes, and moderately long digits. *Oedipina ecuatoriana* is a narrowly headed species with a broadly rounded snout. The genus *Oedipina* is endemic to Honduras, Colombia, Costa Rica, Ecuador, and Mexico. The species discoveries are from two localities on the northwestern foothills of Ecuador, at elevations between 921 and 1,067 m.

The research team included herpetologists from San Francisco de Quito University, Ecuador, University of California, The Natural History Museum, London, Zoological Research Museum Alexander Koenig, Bonn, Germany, King's College London, and National Institute of Biodiversity, Pontifical Catholic University of Ecuador, Ecuador.

इक्वाडोर की एंडीज पर्वतों पर नई नस्ल के फेफड़ेहीन सेलेमेंडर की खोज की गई। केंद्रीय विश्वविद्यालय के डॉ. रामचंद्र सहित अंतर्राष्ट्रीय उभयसर्पविज्ञानी समिति ने इस विरल प्राणी की खोज की है। ये आंडीपीना वर्ग के आडीपीनोला उपवर्ग के प्राणी हैं। इसका अध्ययन एवं अन्वेषण अंतर्राष्ट्रीय शास्त्रीय पत्रिका 'पीर्ज' में किया गया है। आडीपीना जाति कोस्टारिका, इक्वाडोर, मेक्सिको, कोलम्बिया आदि स्थानों पर पाए जाते हैं। इसका आकार पतला है और उमरी परत विशाल है। ये इक्वाडोर के 921 और 1067 मीटर के परतों पर पाए जाते हैं।

अन्वेषण दल में सन फ्रांसिस्को डे किवनटों विश्वविद्यालय, कैलिफोर्निया विश्वविद्यालय, नेशनल हिस्ट्री म्यूजियम, जूलॉजिकल रिसर्च म्यूजियम, लंदन किंग्स कॉलेज, मोशनल इंस्टिट्यूट ऑफ बायोडायवर्सिटी, पोर्टफिकल कैथोलिक विद्यालय आदि के उभयसर्पविज्ञानी शामिल थे।

Two scarce new species of fossorial salamanders were discovered from the Ecuadorian Andes by an international team of herpetologists, including Dr. Ramachandran Kotharambath, from the Dept Zoology, Central University of Kerala.

Department of Hindi

Dr. Supriya P, Assitant Professor

- ◆ An invited lecture was organized on 'Anuvad aur Sanskritik aadan-pradaan' by Dr. R Surendran (Arsu) on 2nd Nov. 2020. Dr. Supriya P was the coordinator.
- ◆ Acted as resource person in one day webinar on 'Depiction of Human Rights in Literature' organised by Gender Club of Streechetana, Kozhikode on 10th Dec. 2020 in connection with the Human Rights Day.
- ◆ Served as resource person in Online Training Programme on 'Domestic Violence Act 2005' and 'Covid 19 and Domestic abuse and Violence', 'Where do Indian Women stand' organized by Andhra Pradesh Govt. Human Resource Development Institute (AP HRDI) on 15th Sept. 2020.
- ◆ Resource Person on the topic 'Hindi Bhasha ka Varthaman' in National Webinar organized by Department of Hindi, Providence Women's College in connection with Hindi Fortnight Celebrations on 28th Sept. 2020.
- ◆ Paper presented in two day International Seminar (Online) on 'Sita Nirvasan Kavyon ke Pariprekshya mein Ramayan ka Punarpath' organized by the Department of Hindi, Pondicherry University on 15th Sept. 2020.
- ◆ Participated in two day Virtual National Conference on 'Women Migrant Workers: Issues and Challenges' organized by Dhruvi Centre for Women's Studies, St. Ann's College for Women, Hyderabad in collaboration with National Commission for Women on 14th and 15th Oct. 2020.
- ◆ Participated in the Lecture Series on 'Kahani me Navachar' organized by Post Graduate and Research Department of Hindi, Govt. College for Women, Thiruvananthapuram on 8th Nov. 2020.
- ◆ Participated in the National Webinar on 'Saraswati Sindhu nadi sabhyatha' organized by Rashtravadi Lekhak Sangh on 13th Dec. 2020.
- ◆ Participated in the National Webinar on 'Implementation of Domestic Violence Act and the effectiveness thereof' on 18th and 19th Dec. 2020 organised by the Department of Women's Studies, Bharathiar University, Coimbatore in association with National Service Scheme and funded by National Commission for Women.
- ◆ Participated in the National Webinar on 'The Conjunction of Two Pandemics: Gender Inequality and Covid 19' organized by Department of Public Health & Community Medicine, CUK on 22nd July 2020.
- ◆ Participated in the National Webinar on "Premchand ko kaise padhe" organized by Hindi Parishad of Department of Hindi, CUK on 30th July 2020.
- ◆ Participated in one day National Webinar on 'Mental Health and Quality of Life of married working women in India' organized by the PG & Research Department of Social Work, Sree Saraswati Thyagaraja College, Pollachi, Tamilnadu in collaboration with National Commission for Women on 29th Sept. 2020.
- ◆ Attended the Training Programme on 'Coping with Pandemic Situations: Online training on Life Skills, Counselling & Mentoring' organized by School of Education & Centre for Life Skills Education, CUK from 5th to 25th Aug. 2020.
- ◆ National Webinar organized by Department of Hindi, KSMDDB College Sasthamcotta as part of VIRTUOSA 2020 on 29th May 2020.
- ◆ National Webinar on "Gender impact of Covid 19" organized by Department of Women's Studies, Alagappa University, Karaikudi, Tamil Nadu on 29th May 2020.
- ◆ National Webinar on "Varthaman pariprekshy me Santh Sahitya ki prasagikta" organized by Bharatiya Vichar Manch, Nagpur and Aksharvartha Antarrashtriy Shodh Patrika, Ujjain (Madhya Pradesh) from 27th May to 29th May 2020.
- ◆ National Webinar on "Gender Equality & Inclusive Development" organized by Department of Social Work, Central University of Kerala on 24th June 2020.

Research Publication

- ◆ 'Dil ki Baat', 'Prernabeej', 'badhaiyon ka guldasta' in Book Kuch Soch peeche Mudkar, 2020 Edited by Dr. P K Chandran & Dr. Reshmi UM, Published by Jawahar Pustakalaya, Mathura UP (ISBN 978 81 945489-5-9)
- ◆ 'Lihaaf se Laado tak : Ek lesbian ki yathra' in Book Hindi : Bhasha, Sahitya aur Sanskriti ka Sangam, 2020, Proceedings of International Seminar, Edited by Prof.

Debashish Chatterjee & Prof. Deepa Sethi, Published by Bharatiya Prabandh Sansthan Kozhikode (ISBN 978-81-926239-7-9)

Dr. Ram Binod Ray, Assistant Professor

- ◆ Acted as resource person in one day international webinar ‘Vartaman Mahamari Covid-19 Ke Pariprekshya Me Vivid Chunautiyan’, organized by Sanghameshwar College, Bijapur, Karnataka on 8th June 2020.
- ◆ Participated in Faculty Development Programme on Badalta Bharatiya Paridrishya: Sahitya, Sanskriti, Sanchar aur Manovigyan, under Madan Mohan Malviya National Mission on Teacher and Training Scheme of MHRD at Ramanujan College, University of Delhi on 22nd May 2020.
- ◆ Participated in Faculty Development Programme on Sahitya, Media, Manovigyan aur Vanijya ke Vivid Aayam, under Madan Mohan Malviya National Mission on Teacher and Training Scheme of MHRD

at Ramanujan College, University of Delhi from 29th May to 3rd June 2020.

- ◆ Participated in Faculty Development Programme on Research Methodology Tools and Techniques, under Madan Mohan Malviya National Mission on Teacher and Training Scheme of MHRD at ARSD College, University of Delhi from 5th June to 11th June 2020.
- ◆ Participated in Faculty Development Programme on ‘knockdown the lockdown: life and profession’, organized by Department of bank Management and Betamonk technology factory Pvt. Ltd. from 20th July to 22nd July 2020.
- ◆ Awarded for Contribution in Research and Development in Higher Education (Hindi) - 2020 by KAAV GLOBAL Research Foundation on 5th Sep. 2020.
- ◆ Awarded for Contribution in Hindi language, literature, anuwad and indian culture ‘nirmala smriti hindi sahitya ratn samman - 2020 by nirmala smriti sahyik smiti, Haryana on 27th Sep. 2020.

മിസൈൽമാനും മെട്രോമാനും ആദരവുമായി കേന്ദ്ര സർവകലാശാലയിൽ രണ്ട് പുതിയ സെന്ററുകൾ

പെരിയ: ഇന്ത്യൻ മിസൈൽ ടെക്നോളജിയുടെ പിതാവായ മുൻ രാഷ്ട്രപതി എ.പി. ജെ. അബ്ദുൾ കലാമിനെയും മെട്രോ റെയിൽ നിർമ്മാണത്തിലൂടെ ഇതിഹാസമായ ഇ. ശ്രീധരനെയും ആദരിച്ചുകൊണ്ട് കേന്ദ്ര സർവകലാശാലയിൽ രണ്ട് പുതിയ സെന്ററുകൾ കൂടി ആരംഭിക്കുന്നു. വൈസ് ചാൻസിലർ പ്രഫ. എച്ച്. വെങ്കിടേശ്വരലുവിന്റെ അധ്യക്ഷതയിൽ ചേർന്ന ഇരുപതാം അക്കാദമിക് കൗൺസിൽ യോഗത്തിലാണ് ഇവ സ്ഥാപിക്കാൻ തീരുമാനമായത്. യൂണിവേഴ്സിറ്റിയിലെ 27ാമും വരുന്ന പഠന വകുപ്പുകൾ സംഘടിപ്പിക്കുന്ന മുഴുവൻ എക്സ്റ്റൻഷൻ പരിപാടികളും ഇതോടുകൂടി ഡോ. എ.പി.ജെ. അബ്ദുൾ കലാം സെന്റർ ഫോർ എക്സ്റ്റൻഷൻ ആക്റ്റിവിറ്റിസിന്റെ കീഴിൽ വരും.



കഴിഞ്ഞ വർഷങ്ങളിലും പെരിയയിലെയും ചുറ്റുപ്രദേശങ്ങളിലെയും സ്കൂൾ, കോളേജ് എന്നിവിടങ്ങളിലും ഗ്രാമങ്ങളിലും പൊതുജന കേന്ദ്രങ്ങളിലും സർവകലാശാലയുടെ വിവിധ വകുപ്പുകളും എൻഎസ്എസ് അടക്കമുള്ള വ്യത്യസ്ത സെല്ലുകളും നിരവധി എക്സ്റ്റൻഷൻ പരിപാടികൾ നടത്തിക്കഴിഞ്ഞിട്ടുണ്ട്. പുതുതായി നിലവിൽ വരുന്ന സെന്റർ ഇനി മുതൽ പ്രസ്തുത പ്രവർത്തനങ്ങളെ മുഴുവനും എക്സോപിപ്പിക്കും. ഇപ്പോൾ വിദ്യാഭ്യാസ വകുപ്പിന് കീഴിൽ നൽകിക്കൊണ്ടിരിക്കുന്ന ജീവിത നൈപുണ്യ പരിശീലനങ്ങൾ കൂടുതൽ വിപുലമാക്കാനാണ് ഇ. ശ്രീധരൻ സെന്റർ ഫോർ ലൈഫ് സ്കിൽസ് എഡ്യൂക്കേഷൻ എന്ന പുതിയ സെന്ററിലൂടെ ലക്ഷ്യമിടുന്നത്. ലൈഫ് സ്കിൽസ് അപര്യാപ്തതയുടെ തിരിച്ചറിവാണ് യൂണിവേഴ്സിറ്റിക്ക് ഇത്തരമൊരു തീരുമാനമെടുക്കാൻ പ്രചോദനമായത്. ആറുമാസം ദൈർഘ്യമുള്ള സർട്ടിഫിക്കറ്റ് കോഴ്സും ഒരു വർഷം ദൈർഘ്യമുള്ള പിജി ഡിപ്ലോമ കോഴ്സും ഈ സെന്ററിൽ ഉടൻ ആരംഭിക്കും. പുതിയ ദേശീയ വിദ്യാഭ്യാസ നയം വിഭാവനം ചെയ്യുന്ന സയൻസ്, ഹ്യൂമാനിറ്റിസ് വിഷയങ്ങളിൽ പുതിയ ബിരുദ കോഴ്സുകൾ ഉടൻ ആരംഭിക്കാനും യോഗം തീരുമാനിച്ചു.

പിന് കീഴിൽ നൽകിക്കൊണ്ടിരിക്കുന്ന ജീവിത നൈപുണ്യ പരിശീലനങ്ങൾ കൂടുതൽ വിപുലമാക്കാനാണ് ഇ. ശ്രീധരൻ സെന്റർ ഫോർ ലൈഫ് സ്കിൽസ് എഡ്യൂക്കേഷൻ എന്ന പുതിയ സെന്ററിലൂടെ ലക്ഷ്യമിടുന്നത്. ലൈഫ് സ്കിൽസ് അപര്യാപ്തതയുടെ തിരിച്ചറിവാണ് യൂണിവേഴ്സിറ്റിക്ക് ഇത്തരമൊരു തീരുമാനമെടുക്കാൻ പ്രചോദനമായത്. ആറുമാസം ദൈർഘ്യമുള്ള സർട്ടിഫിക്കറ്റ് കോഴ്സും ഒരു വർഷം ദൈർഘ്യമുള്ള പിജി ഡിപ്ലോമ കോഴ്സും ഈ സെന്ററിൽ ഉടൻ ആരംഭിക്കും. പുതിയ ദേശീയ വിദ്യാഭ്യാസ നയം വിഭാവനം ചെയ്യുന്ന സയൻസ്, ഹ്യൂമാനിറ്റിസ് വിഷയങ്ങളിൽ പുതിയ ബിരുദ കോഴ്സുകൾ ഉടൻ ആരംഭിക്കാനും യോഗം തീരുമാനിച്ചു.

Department of Computer Science

- ◆ Organised 'Career Talk' on 3rd Dec. 2020. Nizam Falah, Advocate acted as the resource person. Dr. Thasleema T.M. co-ordinated the event.
- ◆ Organised AICTE-ATAL Sponsored Five-Day FDP on 'Data Sciences' during 14th to 18th Dec. 2020. Dr. V. Kumar was the co-ordinator.
- ◆ Ashfaq Ahmad Najar, Research Scholar, attended FDP on 'Cyber Security' organised by Galgotias College of Engineering and technology, Greater Noida during 5-9 Oct. 2020.
- ◆ Dr. Rajesh R attended the virtual global summit on 'Artificial Intelligence: Responsible AI for Social Empowerment (RAISE2020)' during 5-9 Oct. 2020.
- ◆ Dr. Rajesh R provided a talk on 'Computation Intelligence' in AICTE sponsored one week online short term training programme organized by the Dept of Computer Science & Engineering, at Faculty of Engineering & Technology, Manav Rachna International Institute of Research & Studies, Faridabad on 13th Oct. 2020.
- ◆ Hashida Haidros Rahima Manzil, Research Scholar, got Online Certification of Merit in recognition of an outstanding performance in 'Online Cyber Security Certification Test' conducted by SANFOUNDRY, Global Education & Learning on 18th Oct. 2020.
- ◆ Dr. Manohar Naik S, served as a resource person and given a Plenary Talk on 'Cybersecurity Threats During COVID-19' in 2nd Police Science Congress conducted by Kerala Police Academy on 22nd and 23rd Oct. 2020 in collaboration with the National University of Advanced Legal Studies (NUALS), National Institute of Technology (NIT), Calicut; Mahatma Gandhi University, University of Calicut, Kerala University of Health Sciences (KUHS), and Cochin University of Science and Technology (CUSAT). Ashfaq Ahmad Najar, Research Scholar, attended and presented a paper titled 'Cyber Crime: A Systematic Study of Cyber Crime cases in India'. Hashida Haidros Rahima Manzil, Research Scholar, attended and presented a paper titled 'Cyber-Space During Covid-19: Recent Attacks & Precautions'.
- ◆ Shabina Bhaskar, Research Scholar, has participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on 'Blockchain' organised by LBS College of Engineering Kasaragod during 2-6 Nov. 2020.
- ◆ Manas Rahman, M.Sc. Student (Batch 2019-2021) and Dr. V Kumar, presented a research paper titled 'Machine Learning Based Customer Churn Prediction in Banking' in Fourth International Conference on Electronics Communication and Aerospace Technology (ICECA-2020) during 5-7 Nov. 2020.
- ◆ Ashfaq Ahmad Najar, Research Scholar, attended FDP on 'Cyber Security' organised by Siddaganga Institute of Technology, Tumakuru during 9-13 Nov. 2020.
- ◆ Shabina Bhaskar, Research Scholar has participated in 3 day national workshop on 'Beyond Glass Barriers' organised by IEEE Malabar subsection during 27-29 Nov. 2020.
- ◆ Adithya V, Research Scholar, served as a resource person in the webinar on 'AI: Need of the hour' organised by Paramekkavu Vidyamandir, Thrissur on 10th Dec. 2020.
- ◆ Dr. Rajesh R chaired a session in 9th World Conference on Applied Sciences, Engineering and Management, Paris on 17th Dec. 2020.
- ◆ Adithya V, Research Scholar, served as a resource person in the webinar on 'An Expedition to AI with Machine Learning and Deep Learning' organised by the Department of Computer Science and Engineering at KMCT College of Engineering, Kozhikode on 19th Dec. 2020.
- ◆ Dr. Thasleema T M, served as the resource person for online workshop on 'Applied Intelligence' organised by College of Engineering and Computer Science, Lebanese French University (LFU), IRAQ on 20th Dec. 2020.
- ◆ Dr. V. Kumar delivered a talk titled 'Statistical and Machine Learning Techniques for Forecasting' as a part of a webinar series at Guru Nanak Institute of Technology, Hyderabad, Telangana, India on 28th Dec. 2020.
- ◆ Neha V, Harthia B. (M.Sc. 2017-19 batch), Geo Kurian E.V (M.Sc. 2017-19 batch), Anumod K.K



- (M.Sc.2018-20 batch), Maneesha K. (M.Sc.2018-20 batch) and Hashida Haidros (Research Scholar) cleared UGC-NET examinations.
- ◆ Hashida Haidros Rahima Manzil, Research Scholar, has been selected for UGC National fellowship for OBC for the year 2020-21.
- ◆ Adithya V, Research Scholar and Dr. Rajesh R obtained a design patent for the design of 'Position Adjusting Device for the Camera Capturing the Sign Languages' from the patent office, Govt. of India. Design No.330821001.
- ◆ Fasil O K, Research Scholar, secured second position in CONFERO, A Virtual Debate Competition conducted by IEEE Kerala Young Professionals.
- ◆ Fasil O. K, acted as Keynote Speaker, webinar on 'Art of Writing Research Paper' conducted by IEEE PES SBC of Adi Shankara Institute of Engineering and Technology in association with PES Day Celebration.
- ◆ Hashida Haidros, Research Scholar, conducted online quiz program through WhatsApp social media group as part of NTA NET/JRF Coaching for MSc. Students.
- ◆ Department and IEEE Student Branch organised a webinar 'What you see is What You Mean, a walk-through on LATEX'. The resource person was Adithya V.
- ◆ Dr. Thasleema T M, Assistant Professor, organised 5-Day AICTE Training and Learning (ATAL) Academy Sponsored Online FDP on Artificial Intelligence. Out of 600 registered participants, 175 has been shortlisted and 125 participated for the program. Special Address was given by Dr. Rajesh R, Head & Associate Professor.
- ◆ Organised AICTE Training and Learning (ATAL) Academy sponsored five day online FDP on 'Data Sciences'. The Program was inaugurated by Hon'ble Prof. G. Gopa kumar, former Vice-Chancellor, CUK. Dr. N S Sreekant, Joint Director, CDAC delivered the keynote address. Prof. Prathapachandra Kurup, Dean of School of Physical Science, chaired the session. Dr. A. Manickavelu, former Dean, Students Welfare felicitated the event. Dr. Rajesh R is the co-ordinator of the event. Dr. Thasleema T M, Mr. Kumar V and Dr. Manohar were the other dignitaries present.

National Service Scheme

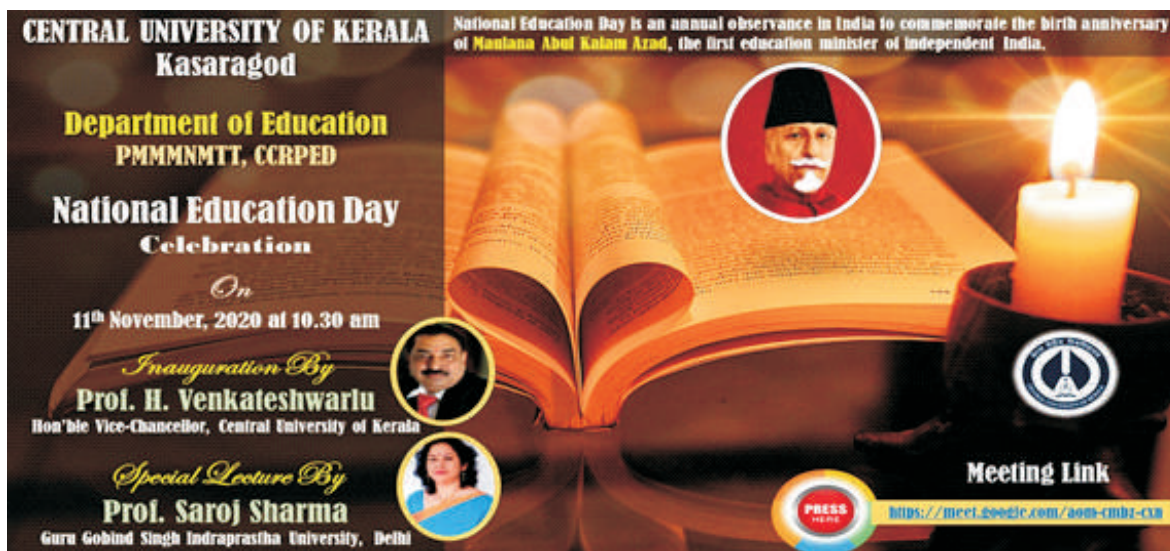
- ◆ Unit-3 observed National Education Day by conducting Yoga and Meditation classes on the topic National Education of Health through Yoga on 11th Nov. 2020. A webinar was conducted in coordination with the Department of Yoga Studies Academic Coordinator, Dr. Subrahmanian Pailoor, CUK. The subject expert was Mr. Chirag S Hakked, from Consult Yoga, Coimbatore. Dr. Seema Chandran, NSS Programme officer Unit 3, co-ordinated the event. Dr. Ranjith Kumavath, Coordinator of NSS Cell, delivered the welcome address. Dr. S Anbazhagi, NSS officer, introduced the resource person. Dr. Shaini, P NSS Officer, gave the vote of thanks.
- ◆ Unit-3 organised a sensitizing programme for the parents and students of schools/colleges and of CUK on Helping Hand for the Differently Abled Students on 16th Dec. 2020. Eminent speaker Dr. Muhamad Mustafa K, Director, Institute of Research in Learning Disabilities, MG University and Dr. M Prabavathy, Assistant Professor & Director, Centre for Differently Abled Persons, Bharathidasan University, Tamil Nadu, shared their valuable suggestions, views and ideas on the topic. The programme started with a brief introduction on the topic by Dr. Seema Chandran. Dr. Ranjith Kumavath delivered the welcome address. Vice Chancellor Prof. H Venkateshwarlu inaugurated the function. Dr. S Anbazhagi proposed the vote of thanks.
- ◆ As part of observance of National Unity Day National level Quiz contest was conducted on 31st Oct. 2020 based on the topics of National Services and the Unity of our Nation.
- ◆ Organised an invited Talk on National Education Policy 2020 & NSS by Prof. Hara Gopal on 11th Nov. 2020.
- ◆ Conducted special online training on Disaster Education for the NSS Programme Officers of Kerala Schools. The five-day Training Programme between 19-23 Oct. 2020 was sponsored by Pandit Madan Mohan Malviya National Mission on Teachers and Teaching, Ministry of Education. The programme was inaugurated by the Hon'ble Vice-Chancellor Prof. H Venkateshwarlu. Shri. G P Sajith Babu, the Regional Directorate of NSS of Kerala and Lakshadweep, delivered the presidential address. Dr. Anbazhagi, NSS Programme Officer, briefed the practice. Dr. Ranjith Kumavath felicitated the occasion.

Department of Education

- ◆ Five day E-Workshop on 'Data Analysis Tools for PhD Scholars of Social Science Discipline' was organized under PMMMNMTT, School of Education during 27-31 Oct. 2020.
- ◆ Conducted national webinar to deliberate upon 'New Education Policy on 4th Aug. 2020. Prof. Arun K Pujari, Vice-Chancellor, Central University of Rajasthan inaugurated the programme.
- ◆ Organised Teacher's Day celebration on 8th Sept. 2020. Six National Teacher Awardees from Kasaragod District were felicitated.
- ◆ National Webinar on 'Dr. S Radhakrishnan and the National Education Policy 2020' on 9th Sept. 2020. Prof. T.V Kattimani, (Vice-Chancellor, Central Tribal University of Andhra Pradesh), Prof. Ganga Prasad Prasin (Vice-Chancellor, Central University of Tripura), Prof. Sasmita Samanta (Pro-Vice-Chancellor, Kalinga Institute of Industrial Technology) and Prof. V Viswanadham (Prof. (Rtd), Department of Commerce, Osmania University) were the Resource Persons.
- ◆ Organized National Education Day celebration on 11th Nov. 2020. Prof. H Venkateshwarlu, Hon'ble Vice Chancellor, CUK, inaugurated the programme. Eminent scholar Prof. Saroj Sharma from Indraprastha University, New Delhi delivered special lecture on 'The Idea of National Education System in the context of NEP 2020'.
- ◆ Centre For Curriculum Research, Policy & Educational Development (CCRPED) under Pandit Madan Mohan Malaviya National Mission on Teachers And Teaching (PMMMNMTT) organised two day national webinar on 'Recent Trends in Inclusive Education' During 2-3 Nov. 2020.
- ◆ Three Day Workshop on 'Rubric for Social Science Assessment for Inclusive Schools' under Centre for Curriculum Research, Policy & Educational Development (CCRPED), Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) during 16-18 Sept. 2020.

Student Participations

- ◆ Mr. Santhosh T, Research scholar, participated in the panel discussion on 'Educational Research and Statistics' organised by Stella Matutina College of Education, Chennai.
- ◆ Mr. Santhosh T, Research scholar, Presented a paper on 'Managing Digital Distraction of Youth through Cyber Mindful Practices: A Cyber Awareness Perspective' in the Three Day Virtual International Conference on Current Trends and Future Challenges in Education organised by School of Mechanical Engineering, VIT Chennai during 7-9 Oct. 2020.



CENTRAL UNIVERSITY OF KERALA
Kasaragod

Department of Education
PMMMNMTT, CCRPED

National Education Day
Celebration

On
11th November, 2020 at 10.30 am

Inauguration By
Prof. H. Venkateshwarlu
Hon'ble Vice-Chancellor, Central University of Kerala

Special Lecture By
Prof. Saroj Sharma
Guru Gobind Singh Indraprastha University, Delhi

National Education Day is an annual observance in India to commemorate the birth anniversary of **Maulana Abul Kalam Azad**, the first education minister of independent India.

Meeting Link
<https://meet.google.com/oom-cmhz-cu>

PRESS HERE



Department of Mathematics

- ◆ Organised an International Web Conference on Signed Graphs and Allied Areas (ICSGAA - 2020).
- ◆ Organised an International Web Conference on Signed Graphs and Allied Areas (ICSGAA - 2020).
- ◆ K Ali Abar, The class of simple dynamical systems, Applied General Topology, Vol No.. 2 (2020), Pages. 215-233 doi:10.4995/agt.2020.12929.
- ◆ Lakshmipriya Narayanan, Gnanavel Soundararajan, Existence and blow up studies of a $p(x)$ Laplacian parabolic equation with memory, Mathematical Methods in the Applied Sciences. DOI:10.22541/au.160206662.22121490/v1.

Dr. KA Germina, Associate Professor

- ◆ Valued Ph.D. thesis submitted by R Prabhu, entitled A Study on Algebraic Field Theory submitted by, Bharathidasan University, Trichy and sent the report on 12th Nov. 2020.
- ◆ Valued Ph.D. thesis submitted by D Nagarajan, entitled A Study on Graphs Over Algebraic Number Fields, Bharathidasan University, Trichy and sent the report on 10th Dec. 2020.

Papers published

- ◆ K A Germina, (2020), A graph modeling to measure the frustration index in signed networks, Italian Journal of Pure and Applied Mathematics, To appear.
- ◆ K A Germina, Gency joseph, Benedict, L Micheal Raji, Characterization 1-uniform dcl graphs and learning graphs (2020), Italian Journal of Pure and Applied Mathematics, Volume 44, 1-8.
- ◆ N K Sudev, K A Germina, Arithmetic integer additive set-valued graphs: A creative review, (2020), J. Math. Comput. Sci., 10(4), 1020-1049.
- ◆ P Soorya, K A Germina, On the Vertex Choice Number and Chromatic Number of Graphs (2020), International Journal of Scientific & Technology Research 9(1) 1-10.
- ◆ P Soorya, K A Germina, On the Vertex Choice Number and Chromatic Number of Graphs (2020), Italian Journal of Pure and Applied Mathematics, 43, 905-911.
- ◆ P Soorya, K A Germina, On alpha - Vertex Choosability of Graphs (2020), National Academy Science Letters.
- ◆ P Soorya, K A Germina, (2020), On Edge (m, k) choosability of Graphs, Discrete Mathematics, Algorithms and Applications, To appear.
- ◆ E Prajisha and P Shaini, *Coupled Coincidence Point Theorems of Mappings in Partially Ordered Metric Space*, Journal of Nonlinear Analysis and Optimization, Vol. 11(1) (2020), 29-40.
- ◆ P Soorya, K A Germina, On alpha - Vertex Choosability of Graphs (2020), National Academy Science Letters.
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- ◆ P Soorya, K A Germina, (2020), On Edge (m, k) choosability of Graphs, Discrete Mathematics, Algorithms and Applications, To appear.
- ◆ Lakshmipriya Narayanan, Gnanavel Soundararajan, Existence and blow up studies of a $p(x)$ Laplacian parabolic equation with memory, Mathematical Methods in the Applied Sciences. DOI:10.22541/au.160206662.22121490/v1.
- ◆ E Prajisha and P Shaini, *Coupled Coincidence Point Theorems of Mappings in Partially Ordered Metric Space*, Journal of Nonlinear Analysis and Optimization, Vol. 11(1) (2020), 29-40.

Research Scholars:

- ◆ P Soorya, K A Germina, On the Vertex Choice Number and Chromatic Number of Graphs (2020), International Journal of Scientific & Technology Research 9(1) 1-10.
- ◆ P Soorya, K A Germina, On the Vertex Choice Number and Chromatic Number of Graphs (2020), Italian Journal of Pure and Applied Mathematics, 43, 905-911.
- ◆ P Soorya, K A Germina, On alpha - Vertex Choosability of Graphs (2020), National Academy Science Letters.
- ◆ P Soorya, K A Germina, (2020), On Edge (m, k) choosability of Graphs, Discrete Mathematics, Algorithms and Applications, To appear.
- ◆ Lakshmipriya Narayanan, Gnanavel Soundararajan, Existence and blow up studies of a $p(x)$ Laplacian parabolic equation with memory, Mathematical Methods in the Applied Sciences. DOI:10.22541/au.160206662.22121490/v1.
- ◆ E Prajisha and P Shaini, *Coupled Coincidence Point Theorems of Mappings in Partially Ordered Metric Space*, Journal of Nonlinear Analysis and Optimization, Vol. 11(1) (2020), 29-40.

Conferences, Paper Presentation

Dr. KA Germina, Associate Professor

- ◆ Delivered a talk at International Conference on Discrete and Applied Mathematics, Centre for Studies in Discrete Mathematics, Vidya Academy of Science and Technology, Thrissur during 18-19 Oct. 2020.
- ◆ Delivered a talk entitled 'Signed distance matrices in signed graphs', in the online seminar on Graphs, matrices, and applications, organized by Department of Mathematics, IIT Kharagpur on 6th Nov. 2020.

- ◆ Participated in AICTE sponsored E-International Conference on Data Analytics, Intelligence Systems and Information Security and served as a reviewer during 11-12 Dec. 2020.

Dr. V Vilfred, Associate Professor

- ◆ Participated in the International Conference on Number Theory and Discrete Mathematics (ICNTDM2020) online conducted by Ramanujan Mathematical Society and Rajagiri School of Engg. And Technology, Cochin during 11-14 Dec. 2020.
- ◆ Valued the Ph.D. thesis of Mr. Anand P. Barangi, Karnatak University, Dharwad and sent the report on 4th Nov. 2020.

Dr. Gnanavel Soundararajan, Assistant Professor

- ◆ Delivered a talk entitled 'Introduction to Optimal Control and its Applications to Biology' in two day international Webinar on Mathematical and Computational Biology organised by Ratinavel Subramaniam College of Arts and Science, Sulur, Coimbatore on 24th Nov. 2020.
- ◆ Delivered an Invited Talk on 'Applications of Sequences of Functions and Functions of Bounded Variation' organised by the PG Department of Mathematics (Shift II), Patrician College of Arts and Science on 29th Dec. 2020.
- ◆ Participated and presented a paper entitled 'Blow up of solutions of a pseudo-parabolic equation with double nonlinearity' in the 35th Annual Conference of the Ramanujan Mathematical Society, organised by the Central University of Rajasthan during 27-30 Dec. 2020.
- ◆ UGC Sponsored online Refresher Course in Mathematics & Statistics, UGC HRDC, Bharathidasan University during 25th Nov. -8th Dec. 2020.

Dr. Shaini P, Assistant Professor

- ◆ Delivered an invited talk on Multidimensional fixed points for Contraction type mappings in Metric spaces in the 26th International Conference of International Academy of Physical Sciences on 'Advances in Algebra and Analysis' during 18-20 Dec. 2020, organised by Department of Mathematics, Marwadi University, Rajkot, Gujarat, in association with International Academy of Physical Sciences, Prayagraj.
- ◆ Participated and presented a paper entitled

'Multidimensional Fixed Point Theorems for Cyclic Contractions in Metric Spaces' in the 35th Annual Conference of the Ramanujan Mathematical Society, organized by the Central University of Rajasthan during 27 - 30 Dec. 2020.

Dr. Ali Akbar K, Assistant Professor


- ◆ Participated in the talk on 'Dynamics on the Riemann Sphere' by Dr. Sabyasachi Mukherjee, Reader, School of Mathematics, TIFR, Mumbai as part of Berchmans Webinar Series in Mathematics organised by the Department of Mathematics, St Berchmans College, Changanassery on 7th Nov. 2020.
- ◆ Participated in online Short-Term Course in Advanced Group Theory at HRDC, Kerala University, Thiruvananthapuram during 16 -22 Dec. 2020.

Dr. Manikandan R, Assistant Professor

- ◆ Participated in the talk on 'Homogenous length functions on groups: A polymath project' by Dr. Apoorva Khare, Associate Professor, Department of Mathematics, IISc Bangalore as part of Berchmans Webinar Series in Mathematics organised by the Department of Mathematics, St Berchmans College, Changanassery on 12th Dec. 2020.
- ◆ Participated in the talk on 'Uncertainty principle and uncertainty inequalities' by Prof. Nalini Anantharaman (University of Strasbourg) as part of the Distinguished Lecture Series, organized by The (Indian) Mathematics Consortium, Co-hosted by IIT Bombay and ICTS-TIFR, Bengaluru on 22nd Dec. 2020.
- ◆ Participated in the talk on 'Hamiltonian Monte Carlo In Bayesian Empirical Likelihood Computation' by Sanjay Chaudhuri (National University of Singapore) on 18th Nov. 2020 and 'How to tell a tale of two tails' by Parthanil Roy (Indian Statistical Institute, Bangalore) on 16th Dec. 2020 as part of Asia-Pacific Seminar in Probability and Statistics
- ◆ Participated in the talk on Metastability as Markov chains model reduction by Claudio Landim (IMPA) and on Metastability of stochastic interacting systems by Insuk Seo (Seoul National University) as part of online One World Probability Seminar supported by the Bernoulli Society and the Institute

Department of Law

- ◆ Organised Alumni Meet on 1st Oct. 2020. Adv. Arjun Philip George (President), Adv. Vishnu Prasad V Menon (Secretary), Adv. Nikhila P P (Vice President), Adv. Arya A R (Joint Secretary), Adv. Jibin Thomas (Treasurer), Adv. Vivek Sankar, Adv. Melchy Ommem, Adv. Ananda Vishnu, Adv. Anoop C (Members, Executive Committee) are elected as the office bearers of the Alumni Association 2020-2021.
- ◆ Organised Constitutional Day celebrations 2020. An online awareness programme about citizen duties to school students was conducted at BEMHS Kumbanad. Smt. Jessy V Cheriyan, Principal, BEMHS, inaugurated the function and Presidential address was delivered by Dr. Jayasankar K I, Head of the Department. Adv. Radhika L acted as the resource person.
- ◆ Conducted Onam celebration on 29th Sept. 2020. Sri. Rajesh K, Sub Judge & Secretary, DLSA, Wayanad inaugurated the programme. Dr. Jayasankar K I presided over the function.
- ◆ Organised a Special Lecture on Restrained to Resolute Federalism: Understanding the Concept of Federalism through Indian Experience. Dr. Jayasankar K I addressed the function. Classes were handled by Prof. M R K Prasad, Former Dean(Law) & Full Bright Scholar, Goa University, Professor of Law, V M Salgaocar College of Law, Goa.
- ◆ Organized Green Challenge Campaign at new proposed Campus, Pulikeezhu, Thiruvalla. Dr. Jayasankar K I inaugurated the campaign by planting saplings. Dr. Gireesh Kumar J and Mrs. Aathira Raju, faculties of department of law and students also planted saplings.
- ◆ Organized national webinar on Research Methodology on 8th Oct. 2020. Prof. Muhammedunni Alias Mustafa, Dean, School of Education CUK delivered the Keynote Address. Dr. Jayasankar K I presided over the function.
- ◆ Organized national webinar on 'Kaleidoscop-Ing The Narrative of Death Penalty and Sentencing Discretion' on 9th Oct. 2020. Prof. H Venkateshwarlu, Hon'ble Vice-Chancellor inaugurated the webinar. Dr. Jayasankar K I, HOD, presided over the function.
- ◆ Conducted Citizens Duties Awareness Programme (CDAP) for school students at GHSS Koipuram, Pathanamthitta. Smt. Valsala Kumari N B, Head Mistress inaugurated the programme. Dr. Meera S presided over the function. Dr. A K Mohanan Director, Centre for Extension and Development has felicitated. Adv. Aiswarya has acted as the Resource Person.
- ◆ Conducted Citizens Duties Awareness Programme (CDAP) for school students at AEPMHSS, Irumpangad, Kollam. Smt. Rajeswari Amma V K, Principal, gave the inaugural address. Mrs. Aathira Raju presided over the programme. Adv. Reshma Lawrence acted as the Resource Person.
- ◆ Conducted Citizens Duties Awareness Programme (CDAP) for school students at FMHSS Koombara, Kozhikode. Sri. Abdul Nazir K, Principal, gave the inaugural address. Dr. Jayasankar K I presided over the programme. Adv. Radhika L acted as the Resource Person.
- ◆ Organised national webinar on Constitutional Reflections on Criminal Law in India. Prof. Anil G Variath inaugurated the programme. Dr. Jayasankar K I presided over the function.
- ◆ Organised international webinar on 'Law, Public





NOIDA INTERNATIONAL UNIVERSITY
School of Law and Legal Affairs

INDUCTION CEREMONY

INTRODUCTION TO LAW AND CRIME

GUEST LECTURE
TUESDAY 13 OCTOBER 2020 • 10:30-12:00 PM

	Dr. Jayasankar K I Chief Guest & Speaker Dean and Head of the Department Department of Law School of Legal Studies Central University of Kerala		Dr. Parantap Kr. Das School Moderator Head of the Department School of Law and Legal Affairs Noida International University
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Google Meet Link: <http://meet.google.com/vfq-hceb-mqw>

Health and Pandemic Changing Dimensions of Right to Health'. Prof. K C Sunny inaugurated the function. Dr. Jayasankar K I presided over the programme.

- ◆ Organised 'Constitutional Day Celebrations 2020'. Prof. H Venkateswarlu, Vice-Chancellor, CUK inaugurated the function. Prof. S Shanthakumar, Vice-Chancellor, GNLU, Gujarat delivered the keynote address. Prof. Jayashankar K I presided over the function. Prof. K Jayaprasad Dean, School of Global studies, Prof. MR Raju, Dean, School of Legal studies, Dr. Gireesh Kumar J Assistant Professor & Secretary FC, DLaw felicitated.
- ◆ Organised Human Rights Day Celebrations 2020. Justice N Nagaresh, Judge, High Court of Kerala inaugurated the function. Dr. Jayashankar K I presided over the function. Dr. Gireesh Kumar J, Assistant Professor delivered the Felicitations address.
- ◆ Organised national webinar on Use of Local Language in Courts and Legal Education on 26th Dec. 2020. Justice MR Hariharan Nair, Sri. Sethuraman IPS, Sri. A Vinod Karuvarakundu, Adv. V Sajithkumar, Adv. R Rajendran delivered the Keynote address. Dr. Jayashankar presided over the function. Dr. Gireesh Kumar J felicitated.

Faculty Achievements

Dr. Jayasankar K I, Assistant Professor, Head of the Department

- ◆ Participated in seven day Faculty Development Programme organised by School of Legal Studies, Cochin University of Science and Technology, Kochi during 17-24 June 2020.
- ◆ Acted as the Resource Person in the CLAT Coaching Programme organised by Wayanad District Legal Authority for Kattunaika Tribal Community students

of Wayanad District held at Model Residential High Secondary School Kaniyambetta.

- ◆ Co-ordinated the National Symposium on Punishment: Need for a Conceptual Shift on 21st Aug. 2020.
- ◆ Acted as the chief guest and delivered keynote speech in national webinar on Introduction to Law Crime organised by Noida International University Delhi on 13th Oct. 2020.
- ◆ Keynote address in the International Webinar on Gender Justice and Women Empowerment organised by NTVS Law College, Nandurbar on 30th Oct. 2020.
- ◆ Delivered the Keynote Address in the National Webinar on 'Human Rights During Covid Pandemic' organised by District Legal Services Authority, Wayanad on 11th Dec. 2020.
- ◆ Participated in national webinar on COVID-19 and challenges to law organised by Centre for Research in Criminal Justice, MNLU, Mumbai on 10th May. 2020.
- ◆ Attended national webinar on Criminal Justice System in India: Current Challenges organised by Centre for Research in Criminal Justice, MNLU, Mumbai on 16th May 2020.
- ◆ Attended national webinar on Role of Law Enforcement and Policing organised by Centre for Research in Criminal Justice, MNLU, Mumbai on 17th May 2020.
- ◆ Attended VIT-IQAC Virtual Seminar on Quality Assurance in Online Teaching Learning & Evaluation on 19th May. 2020.
- ◆ Attended national webinar on Labour Law Reforms in the age of Covid- 19 organised by Centre for Research in Criminal Justice, MNLU, Mumbai on 23rd May 2020.
- ◆ Attended national webinar on Surge in Domestic Violence and Practical approach to Prevent it organised by Centre for Research in Criminal Justice, MNLU, Mumbai on 24th May 2020.
- ◆ Attended Future-X professional Development Programme organised by FICCI during 15-19 June 2020.
- ◆ Participated in seven days Faculty development programme organised by School of Legal Studies, Cochin University of Science and Technology, Kochi, Kerala.

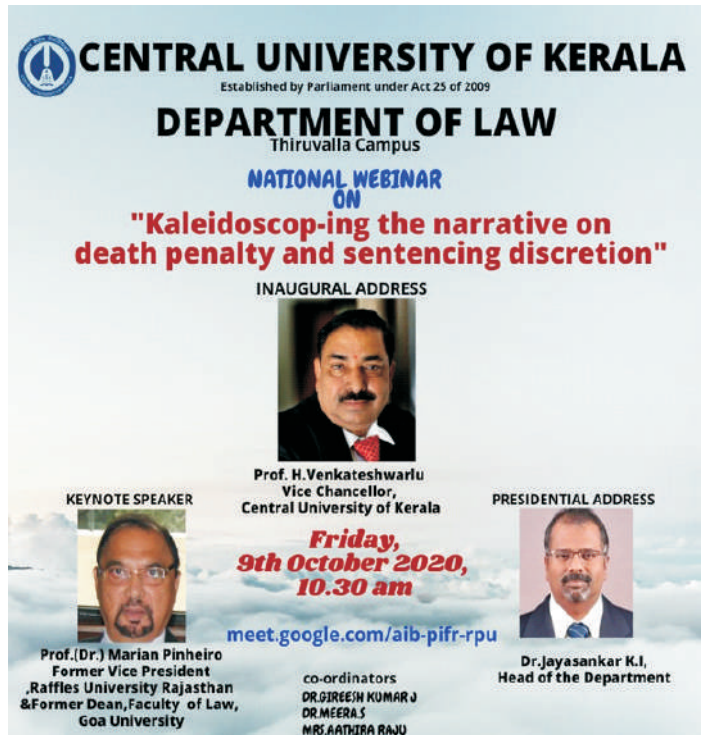


Dr. Gireesh Kumar J, Assistant Professor

- ◆ Acted as a Resource Person and delivered the Special

invited online lectures on Constitutional History of India, as part of the Special Coaching Program on CLAT- 2020 for Tribal Children of Wayanad, organised by District Legal Service Authority in the month of August 2020.

- ◆ Acted as a Resource Person and delivered a Special invited online lecture on Environment, Ecology and Human Rights, for the student volunteers of National Service Scheme, Govt. Higher Secondary School, Moolankave, Wayanad on 12th Sept. 2020.
- ◆ Acted as a Resource Person and delivered a Special invited online lecture on Human Rights and Public Health Challenges for the student volunteers of National Service Scheme, Govt. Law College, Thiruvananthapuram on 30th Sept. 2020.
- ◆ Participated and presented a paper titled Exclusionary Economic Policies and Migrant Labour Crisis In India: A Critical Analysis in the International Seminar on Migrants and Displaced Persons amid Covid-19: Issues, Challenges and Policy Options organised by Centre for Indian Diaspora Studies (CIDS), School of International Relations and Politics (SIRP), Mahatma Gandhi University, Kerala in collaboration with Department of Social Sciences, FLAME University, Pune & Global Research Forum on Diaspora and Transnationalism (GRFDT), New Delhi during 15-17 Oct. 2020.
- ◆ Participated in a workshop on Discrimination and the Law with Prof. Tarunabh Khaithan, Prof of Public Policy and Legal Theory Wadham College, University of Oxford and Hon'ble Mr. Justice A.K. Jayasankaran Nambiar, High Court of Kerala organised by Mar Gregorious College of Law, Thiruvananthapuram on 31st Oct. 2020.
- ◆ Participated and presented a paper titled Religion and the State - The Intertwining of Concepts in the Building of the Nation State in India in the 17th Asian Law Institute International Conference on Law and Justice in Asia organised by Asian Law Institute in collaboration with National University Singapore and National Law University, Delhi during 7-9 Nov. 2020.
- ◆ Acted as a moderator for the session conducted by Kerala State Commission for Protection of Child Rights National Service Scheme, University of Kerala & Coaching Centre for Minority Youth, Kayamkulam




CENTRAL UNIVERSITY OF KERALA
Established by Parliament under Act 25 of 2009

DEPARTMENT OF LAW
Thiruvalla Campus


NATIONAL WEBINAR
ON

"Kaleidoscop-ing the narrative on death penalty and sentencing discretion"


INAUGURAL ADDRESS


Prof. H. Venkateshwarlu
Vice Chancellor,
Central University of Kerala

KEYNOTE SPEAKER


Prof. (Dr.) Marian Pinheiro
Former Vice President
, Raffles University Rajasthan
& Former Dean, Faculty of Law,
Goa University

PRESIDENTIAL ADDRESS


Dr. Jayasankar K.I,
Head of the Department

**Friday,
9th October 2020,
10.30 am**

meet.google.com/aib-pifr-rpu

co-ordinators
DR. JIREESH KUMAR J
DR. MEERA S
MRS. ANITHA RAJU

during 2-11 Nov. 2020.

- ◆ Acted as a Resource Person and delivered a special invited online lecture on Constitutionalism, Human Rights and Ambedkarite Jurisprudence in the Ambedkar Memorial Lecture series organised by Law and Justice Research Foundation in collaboration with Mandava Science Foundation and Hindustan Institute of Technology and Science as part of the Human Rights Day Celebration on 10th Dec. 2020.
- ◆ Acted as a Resource Person and delivered an invited lecture on Performance of Medico-legal Models of Different Nations in Combating Covid-19, in the National Webinar organised by Ambedkar Online Free Law School on 23rd May 2020.
- ◆ Acted as a Chief Guest and presented a paper on Healthcare Models in the Time of Pandemic, in the International Webinar on Healthcare Models in the Time of Pandemic jointly organised by the Global Research Conference Forum, Pune and the Department of Law, School of Legal Studies, CUK on 30th May 2020.
- ◆ Acted as a Resource Person, in the International Webinar on Covid-19, Challenges and Opportunities in Higher Education organised by the Global Research



Conference Forum, Pune on 6th June 2020.

- ◆ Article titled 'Social Media and Cybercrimes' of Dr. Gireesh Kumar J was published by the The Hindu in Open Page Web Edition on 14th June 2020.

Ms. Aathira Raju, Assistant Professor

- ◆ Participated in a National Webinar organised by Dr. Ram Manohar Lohiya National Law University, Lucknow on the topic Right to Information and Good Governance on 18th July 2020.
- ◆ Participated in the five days National Online Workshop on Online Platform for Teaching and Research organised by the University Library, The Tamil Nadu Dr. Ambedkar Law University Chennai during 20-24 July 2020.
- ◆ Participated and successfully completed with Grade A in the six day online Faculty Development Programme on Cyber Space and Cyber Security during 20-25 July 2020.
- ◆ Participated in a webinar on Gauging the response of International Health Law to COVID Crisis jointly organised by Faculty of Law, Marwadi University and Weeramantry Centre for Peace, Justice & International Law on 25th July 2020.
- ◆ Participated in a webinar on Assessing Human Rights Protection amid Covid 19 and beyond organised by Centre for Post Graduate Legal Studies, MNLU Mumbai on 25th July 2020.
- ◆ Participated in National Symposium on Intellectual Property Rights organised by Law College Dehradun, Faculty of Uttaranchal University in collaboration with S.S Rana & Co. during 27-31 July 2020.
- ◆ Participated in the webinar on The role of Government and Public in protection of

Environment conducted by The Tamil Nadu Dr. Ambedkar Law University, Chennai on 12th Aug. 2020.

- ◆ Participated in International Webinar on Future of Basic Structure & Essential Features Doctrine delivered by Prof. Upendra Baxi organised by ICAFI Law School, ICAFI University on 27th Aug. 2020.
- ◆ Attended 12 days Capacity Building programme on Legal research & Teaching Pedagogy organised by S S Khanna Girls Degree College, University of Allahabad & Droit Penale Group in collaboration with District Legal Service Authority, Allahabad during 22 Aug.- 4 Sept. 2020.
- ◆ Received the Best Participant award in the Capacity Building programme on Legal research & Teaching Pedagogy organised by S S Khanna Girls Degree College, University of Allahabad & Droit Penale Group in collaboration with District Legal Service Authority, Allahabad during 22 Aug.- 4 Sept. 2020.
- ◆ Attended the webinar on Role of Patents and Technology Transfer in coping with post Covid -19 situations organised by Centre for IPR, Institute of Law, Nirma University on 6th June 2020.
- ◆ Attended the webinar on 'Education on Criminal Justice and Crime Prevention: Interventions and Experiences' a joint initiative of United Nations Office on Drugs and Crime and Institute of Law, Nirma University on 19th June 2020.
- ◆ Participated in a National Webinar on Film Censorship organised by Faculty of Law, The Maharaja Sayajirao University of Baroda on 19th June 2020 with Madhavi Goradia Divan, Additional Solicitor General of India, Supreme Court of India as a resource person.
- ◆ Participated in webinar on Changing Dynamics of Technology Transfer in IP- Pre and Post Pandemic Scenario organised by ICAFI Law school on 20th June 2020.

Ms. Meera Sivakami, Assistant Professor

- ◆ Attended International Webinar on Gender Issues in Covid-19 organised by Department of Women's Studies, Bharathiar University, Coimbatore during 25-27- June 2020.

Student Achievements

Nirun R N, Research Scholar

- ◆ Presented a paper titled Judicial Approach to Migrant



Labourers' issues during Covid-19: Whether Court deviated from Pro-activism? in the International Webinar on Migrants and Displaced Persons Amid Covid-19: Issues, Challenges and Policy Options", organized by Centre for Indian Diaspora Studies (CIDS) School of International Relations and Politics, Mahatma Gandhi University, Kerala in collaboration with Department of Social Sciences, FLAME University, Pune & Global Research Forum on Diaspora and Transnationalism (GRFDT), New Delhi during 15-17 Oct. 2020.

- ◆ Member of the Judging Panel of 1st All India Virtual Moot Court Competition 2020 organised by Sree Narayana Law College, Poothotta, Kochi during 19-20 Dec. 2020.

Kavya Salim, Research Scholar

- ◆ Presented a paper titled Access to Hand washing during Covid-19: Need for a Human Rights - Focused Approach to ensure Right to Health in the International Webinar On Law, Public Health and Pandemics: Changing Dimensions of Right to Health on 30th Nov. 2020.
- ◆ Presented a paper titled Tensions between Paternalism and Libertarian values in Public health: A case for strong laws to curb the epidemics of Lifestyle diseases in India in the International

CENTRAL UNIVERSITY OF KERALA
(Established by Parliament under Act 25 of 2009)
DEPARTMENT OF LAW
THIRUVALLA CAMPUS

"CONSTITUTION DAY CELEBRATIONS -2020"
THURSDAY 26th NOVEMBER 2020 AT 11.00 AM

INAUGURAL ADDRESS	CONSTITUTION DAY ADDRESS	PRESIDENTIAL ADDRESS
 Prof. H. Venkateshwarlu Vice Chancellor, CUK	 Prof. (Dr.) S. Shanthakumar, Vice Chancellor, GNLU, Gujarat	 Dr. Jayasankar K.I HOD
FELICITATIONS		
 Prof. (Dr.) K. Jayaprasad Dean, School of Global Studies	 Prof. (Dr.) M. R. Biju Dean, School of Legal Studies	 Dr. Gireeshkumar J Assistant Professor & Secretary FC, DLAW
Dr. Meera, S Mrs. Anshira Raju		

Webinar on Liberty: New Facets and Changing Dimensions organised by the Centre for Parliamentary Studies and Law Reforms (CPLSR), The National University of Advanced Legal Studies, Kochi during 12-14 Aug. 2020.

Anuja Rajam Cherian, LLM Student

- ◆ Participated in a webinar conducted by His Highness Maharaja's Government Law College, Ernakulam on Emerging Trends in Intellectual Property Rights.
- ◆ 25 Hours Certificate Course on Legal Aid and Allied Laws Conducted by Probono India, in Collaboration with Legal Services Committee, Gujarat National Law University, Gandhinagar.
- ◆ Presented a paper titled The Need for Conducive Housing and Workplace Conditions for Migrant Workers in Kerala in the webinar conducted by Centre for Indian Diaspora Studies (CIDS), School of International Relations and Politics; Mahatma Gandhi University.
- ◆ Participated In 2nd Ed. of Criminal Law Review National Writing Competition 2020.
- ◆ Paper Presentation in the international webinar conducted by Department of Law, CUK, on Right to Health: Access to Health Care for Elderly persons During Pandemics.

CENTRAL UNIVERSITY OF KERALA
DEPARTMENT OF LAW
&
BHARATHIYA BHASHA ABHIYAN
NATIONAL WEBINAR ON
USE OF LOCAL LANGUAGE IN COURTS AND LEGAL EDUCATION
SATURDAY, 26th DECEMBER 2020 AT 10. AM

SPEAKERS

 Justice .M.R. Hariharan Naier	 Sri. Sethuraman IPS	 Dr. Jayasankar K.I
 Sri. A. Vinod Karuvarakundu	 Adv. V. Sajithkumar	 Dr. Gireeshkumar J
 Adv. R. Rajendran		

Link to Join
<http://meet.google.com/ugr-kpzk-hju>

Department of Management Studies

- ◆ Organised a Special Lecture by Dr. S M Unnikrishnan, Associate Vice-President, HLL Lifecare Limited on 10th & 20th July 2020.
- ◆ As an initiative of Entrepreneurship Development Cell (EDC) of Department of Business Administration a special lecture series by Er. Nanma Girish was conducted on 12th, 19th, 26th Aug. & 19th, 30th Sep. 2020.
- ◆ Ms. Chithra Muralidharan, Talent Acquisition Specialist, Nissan Digital, Trivandrum delivered a Special Lecture on Campus Recruitment Orientation on 27th Aug. 2020.
- ◆ Organised a Special Lecture on Consumer Behaviour in Marketing by Hon'ble Vice-Chancellor, Prof. H Venkateshwarlu on 23rd Sept. 2020. Prof. V Balachandran delivered welcome speech. The lecture was followed by an interactive session and concluded with felicitation by Prof. M Mallikarjunappa.
- ◆ Faculties and Students participated in the World Tourism Day celebration hosted by the Department of Tourism Studies, CUK on 27th Sept. 2020. The students also participated in various competitions such as travel vlog contest, quiz, cooking vlog and painting organised as a part of the event.
- ◆ Organised a Special Lecture on Role and Responsibilities of Directors in Corporate Governance by Dr V Sekar, Formerly Director (Finance), Hindustan Insecticides Limited, New Delhi on 8th Oct. 2020.
- ◆ Organised a Special Lecture on International Business for Managers by Mr. Antony Joseph N, Formerly General Manager (Marketing), KSE Ltd. on 13th Oct. 2020.
- ◆ Organised a Special Lecture on Corporate Ethics by Mr. Balasubramanian Narayanaswamy, Company Secretary and Partner, Directus Consultants Pvt. Ltd. on 19th Oct. 2020.
- ◆ Conducted the Parent - Teachers Meeting via Google Meet Platform on 28th Oct. 2020. The meeting started with an introduction by Ms. Sreekha P, Faculty member. Dr. Arunima K V, Faculty member welcomed all Parents, Head of the Department and faculty members. Prof. V Balachandran - Dean - School of Business Studies addressed the parents. Ms. Saumya C Manoharan - Faculty proposed the vote of thanks.
- ◆ Conducted special lecture on Investment Education on 17th Nov. 2020. Prof. V Balachandran initiated the session by introducing the resource person Mr. Pradeep Chandrasekharan, CEO, Finmark Trainers India Pvt Ltd. The session focused on Financial Literacy explaining the importance of financial awareness in terms of Products, in terms of Law and also in terms of processes.
- ◆ An introductory session was organised for the students of Batch 2020-22 via Google meet on 19th Nov. 2020. Prof V Balachandran welcomed all the new aspiring managers to the Department.
- ◆ Conducted a special lecture on Goal Setting by Dr. V Sekar, Formerly Director (Finance), Hindustan Insecticides Ltd., New Delhi on 23rd Nov. 2020.
- ◆ Conducted a special lecture on Scope and Challenges before Management Students on 24th Nov. 2020. Prof. V Balachandran initiated the session by introducing the resource person C S Kannan S, Chairman, SIRC of Institute of Company Secretaries of India.
- ◆ Conducted a special lecture on Interpersonal Skills on 25th Nov. 2020. Prof. V Balachandran initiated the session by introducing the resource person, Dr. N R Unnikrishnan Kartha, renowned National Level HR Trainer and Formerly General Manager of Vikram Sarabhai Space Centre, Trivandrum.
- ◆ Conducted a special lecture on Varied Skills for Management Students on 26th Nov. 2020. Dr. Arunima K V introduced and welcomed Dr. M Sriram for the Session. Prof. V Balachandran appreciated and thanked Dr. Sriram for the wonderful session.
- ◆ Organized a Virtual Fresher's Week - WELKOM FIESTA from 30th Nov. to 4th Dec. 2020. The students of Second year MBA (G) welcomed the first years through various events held throughout the week. The events were carried out through Google meets and Whatsapp. The students of first years were grouped into 5 and various events were carried out as group events. The scores of each event were cumulated and the overall championship was awarded on the final day



of the event during the official fresher's day ceremony. The overall championship was awarded to Team Lucifer which had Shaymhari R, Hamraz Ahamed, Mubeena, Sajith E, and Vanditha S as participants.

- ◆ Organised a webinar on Impact of Covid-19 on Industry and Commerce on 4th June 2020. Dr. C V Madhusudhanan, Practicing Company Secretary Professional, KSR & Co. Company Secretaries, LLP, Coimbatore was the Resource Person.
- ◆ Entrepreneurship Development Cell organised a webinar on Initiatives for the Revival of MSMEs on 11th June 2020. Nanma Gireesh, Translational Engineer and Entrepreneur, Co-founder Nest Abide, Trivandrum was the resource person.
- ◆ Organised a webinar on Pandemic Marketing Strategies: Lessons and Challenges on 22nd June 2020. Dr. K S Chandrasekar, Professor of Marketing and Dean of Faculty of Management, IMK, University of Kerala, Trivandrum attended as the resource person. Prof. V Balachandran, introduced the resource person. The webinar concluded with a note of gratitude to the resource person by Mrs. Arunima.
- ◆ The Institute of Company Secretaries of India (ICSI), Southern India Regional Council (SIRC) and CUK jointly organised online Faculty Development Programme on MSMEs: Threats, Challenges and Revival Measures on 9th July 2020. Dr. V Balachandran, the convener of the programme commenced the programme with opening remarks. Prof. V Balachandran introduced the theme of the webinar and dignitaries. Then, CS S Kannan, Chairman, ICSI-SIRC delivered the Keynote Address. C S N Balasubramanian, Vice-Chairman of ICSI SIRC gave special address. Resource person S N Rangaprasad, Consultant and Formerly Director of MSME Development Institute, Government of India, Ministry of MSME, Bengaluru, shared his practical experience in promoting and developing MSMEs. Mr. D V N S Sarma, Regional Director of ICSI-Southern India Regional Office (SIRO) proposed the vote of thanks.

Faculty Achievements

Prof. V Balachandran, Head of the Department

- ◆ Indian Achievers' Award for Education Excellence, 2020 instituted by IAF Foundation in recognition of

outstanding professional achievement and contribution to Nation Building on 17th Sept. 2020.

- ◆ Published an article titled, MSMEs -Substantial in criteria and the need to address certain issues in the professional Journal The Chartered Secretary, July 2020.
- ◆ Published an article titled, 'Governance from Grass root Level to Global Level-An Indian Perspective' in the professional Journal The Chartered Secretary, Aug. 2020.
- ◆ Published an article titled, Can Indian MSMEs survive the COVID -19 Challenges in The Mukta Shabd, A UGC Care Approved Journal, ISSN 2347-3150, Volume 7, Issue 9, Sept. 2020.
- ◆ Delivered a presentation on Revisiting CSR in the present Post-COVID scenario in the Two Day Virtual International Conference on Revisiting CSR in the Post-COVID Era- Statutory Guidelines and Societal Concerns organised by the Department of Corporate Secretaryship, Alagappa University during 12-13 Oct. 2020.
- ◆ Participated in the webinar organised by Alagappa University as part of the National Unity Day Celebration (Birthday of Sardar Vallabhbhai Patel) on 1st Nov. 2020.
- ◆ Participated online in the three day 48th National Convention of Company Secretaries on the topic 'Governance: Grass roots to Global', organized by the Institute of Company Secretaries of India, New Delhi at Amber Convention Centre Indore during 17-19 Dec. 2020.

Dr. Arunima KV

- ◆ Published a research article titled, How to improve knowledge management process in software companies for employee skill development, in the Journal of Critical Reviews, ISSN- 2394-5125, Vol 7, July 2020.
- ◆ Successfully defended her Ph.D thesis on Knowledge Management in Software Industry: A study of Software Professionals in Karnataka (Online Ph.D Viva Voce) on 9th Sept. 2020. The work was under the guidance of Prof. P Pakkeerappa, Retired professor, Dept. of Business Administration, Mangalore University. Dr. P Paramashivaiah, Professor & Dean, Department of Commerce, Tumkur University and Dr. Puttanna K, Chairman, Department of Business Administration, Mangalore University were the members of the board to conduct the online Viva-



Voce examination.

- ◆ Published an article titled, Can Indian MSMEs survive the COVID -19 Challenges in The Muktsabd, A UGC Care Approved Journal, ISSN 2347-3150, Volume 7, Issue 9, Sept. 2020.
- ◆ Delivered an online invited talk on Business and Society: The Role of Benefit Corporations organised by Centre for Management and Research, P A College of Engineering and Management, Mangalore on 24th Sept. 2020.
- ◆ Presented paper titled Early COVID -19 researches in Social Sciences- A brief review E-Conference on Economy in Covid-19 and beyond conducted by Centre for Management Studies and Research (CMSR), P A College of Engineering, Mangalore on 8th Nov. 2020.
- ◆ Published an article titled Knowledge management in software industry: creating value through knowledge application in Journal of Creating Value, Vol 6, Issue 2, November 2020, Sage Publications, Nov. 2020.

Saumya C Manoharan

- ◆ Completed Certification Course on Fundamental of Capital market by FINMARK
- ◆ Completed Certification Course on Mutual Funds Investments by FINMARK

Student Achievements

- ◆ K J Joseph and Sabith M H of DMS Batch 2019-21 qualified UGC NET.
- ◆ Students of Management Studies created a video on Onam 2020 which conveyed the message of Onam to all. The video started with Onam wishes from HoD and Faculty members followed by students sharing some happy moments of Onam. The video was published in an online news channel.
- ◆ Soumya P V presented research paper titled 'Implication of Employee Technostress due to Pandemic Remote Work for E-Conference on Economy in Covid-19' and beyond conducted by Centre for Management Studies and Research (CMSR), P A College of Engineering, Mangalore on 8th Nov. 2020.
- ◆ Sneha Mathew presented research paper for E-Conference on Economy in Covid-19 and beyond conducted by Centre for Management Studies and

Research (CMSR), P A College of Engineering, Mangalore on 8th Nov. 2020.

- ◆ Aysha Shafeena, K J Joseph and Nafeesath Sameena presented and published paper titled e- learning and its effectiveness in Management Education at International E-Conference organized by SDMIMD Mysore on 4th Dec. 2020.
- ◆ Soumya P V presented and published Research paper titled Impact of Technostress on Employees during Remote Work for E-Conference on Adapting to the new business normal- The way ahead by SDM Institute of Management Development on 4th Dec. 2020.
- ◆ K J Joseph presented and published Research paper titled Netflix and Binge - The New Normal for E-Conference on Adapting to the new business normal - The way ahead by SDM Institute of Management Development on 4th Dec. 2020.
- ◆ Sneha Mathew presented and published Research paper titled Changing role of HR Managers in the COVID 19 scenario for E-Conference on Adapting to the new business normal- The way ahead by SDM Institute of Management Development on 4th Dec. 2020.
- ◆ Soumya P V completed internship as Business Development Associate at HouseItt from 1-15 Oct. 2020.
- ◆ Soumya P V participated and successfully completed the National Level MRPL - MSNIM Vigilance Awareness E Quiz - Vigilant India, Prosperous India organised by Mangalore Refinery and Petrochemicals Limited in Association with Manel Srinivas Nayak Institute of Management on 11th Oct. 2020.
- ◆ Soumya P V Participated in 10 days Online National Skills Development programme on GST-Registration, Assessment and Filing of returns sponsored by RUSA project titled Financial training, Tax computation and Statutory compliances for Indian Businesses organised by Department of Commerce, Bharathiar University during 2-12 Nov. 2020.
- ◆ Unnikrishnan T participated in one day National Webinar on Investment Education on 17th Nov. 2020 by CUK in association with Finmark Trainers India Pvt. Ltd.
- ◆ Anu Elsa Jose, Shiyona Prajosh and Soumya P V were the semi-finalists in Pravaran - The HR Event conducted by Department of Management Studies (DoMS), National Institute of Technology (NIT), Trichy from



30th Nov. to 16th Dec. 2020.

- ◆ Sudarsan T won the Man of the match title in Kerala Forest Department Premier League 2020 Cricket Tournament.
- ◆ Nafeesath Sameena, K J Joseph, Aysha Safeena, Athul Krishna and Shanfeer M P achieved Certification Fundamentals of Capital Market-NSE Academy-FINMARK.
- ◆ 14 students of Department of Management Studies successfully completed Swayam MOOC Course on International Business offered by IIT Roorkeewas with certification in December 2020.
- ◆ Anu Elsa, Soumya P V, Sneha and Sneha Mathew successfully completed the 4 weeks online certificate course on Quality Management Systems and ISO Certifications in Government Institutions organised by Kerala Institute of Local Administration (KILA) from 28th Aug. to 22th Sept. 2020.
- ◆ Anu Elsa Abraham completed online courses on Leadership: Practical Leadership Skills from Udemy, Fundamentals of Digital Marketing from Google digital Garage and Basic Certificate Course on Right to Information Act, 2005 organised by the Institute of Management in Government, Trivandrum. Anu also completed certificate courses from Future Learn, a MOOC learning platform, in the areas of Sensation and Perception, Artificial Intelligence, Psychology of Learning, Psychology of Personality, Developmental Psychology, Drafting Commercial Contracts and Data Collection for Problem Solving.
- ◆ Soumya P V completed an online course on Fundamentals of Digital Marketing from Google Digital Garage. Soumya scored 80% for an Online Business Quiz organised by MSNM Institute, Mangalore. She also participated Online Quiz organised by CKGM Govt College and Sahyadri College Mangalore and received certificates.
- ◆ Athira M completed Online Awareness test on Social Science Research and Environmental Economics. She also completed Online Quiz contests organised by various management institutions on Marketing, Accounting and HRM with good scores.
- ◆ Nafeesath Sameena successfully completed 30 Hours Online Certificate Course in Essential skills to survive in a Dynamic Corporate World offered by St. Agnes College, (Autonomous) Mangaluru. She also attended a Webinar on Impact of Artificial Intelligence & COVID 19 on Employment, Career and entrepreneurship organised by IIT Madras Research Park. She also secured career counselling foundation certificate from 3 G Me Life London Certification.
- ◆ Aysha Safeena completed a Webinar on the Impact of Artificial Intelligence & COVID 19 on Employment, Career and entrepreneurship organised by IIT Madras Research Park. She also secured career counselling foundation certificate from 3G Me Life London Certification.
- ◆ Veena Venugopal K scored 84% in the National level quiz on Managerial Skills organised by Vivekananda College, Madurai. She also secured certificates in the Online Business Quiz organised by MSNM Institute, Mangalore and Online Quiz organised by CKGM Govt. College.
- ◆ Ajinraj P V completed online courses on Fundamentals of Digital Marketing from Google Digital Garage. He also secured certificates in various online Quiz contests organised by management institutions including Shasun College, Madurai, St. Jerome College, Kanyakumari, and MES Asmabi College, Malappuram.

Dean, Student Welfare

An online meeting of Ph.D scholars with the Hon'ble Vice-Chancellor, Prof. H Venkateshwarlu, was conducted by the DSW on 24.09.2020. Considering the Covid-19 home quarantine situation, the meeting was arranged as an opportunity for the new VC to interact with the Ph.D scholars, get to know their feedback on how the University supports them and to motivate the students to complete their work on time. After a brief message by the Hon'ble Vice-Chancellor, the scholars were given an opportunity to speak, School wise. The suggestions of the scholars were compiled and submitted to the University for necessary action, with the recommendation of the DSW.

Department of Commerce and International Business

Faculty Achievements

Invited Lecture Delivered:

Prof. T Mallikarjunappa, Head of the Department

- ◆ One week workshop on Research Methodology and Data Analysis, organised by the Department of Postgraduate Studies and Research in Management, Karnataka State Akkamahadevi Women's University, Vijayapura, Karnataka on 14th Aug. 2020.
- ◆ Invited Plenary Lecture at the one day national e-Conference on Economy in Covid 19 and Beyond. Organised by The Centre for Management Studies and Research, P A College of Engineering, Nadupadavu, Mangalore, Mangalore, DK, Karnataka on 8th Oct. 2020.
- ◆ Corporate Governance in India, in the National Conference on Corporate Ethics and Governance Organised by the Directorate of Distance Education, Calicut University on 17th Oct. 2020.
- ◆ Insolvency and Bankruptcy Code, in the National Webinar on Building Core Competencies to Negotiate Challenges, Organised by the Postgraduate Department of Commerce, St. Agnes College, Mangalore on 19th Oct. 2020.
- ◆ Derivatives, in Refresher Course in Commerce, organised by the UGC Human Resources Development Centre and funded by RUSA, University of Mysore, Manasagangotri, Mysore, Karnataka on 20th Oct. 2020.
- ◆ Corporate Governance, in Refresher Course in Commerce, organised by the UGC Human Resources Development Centre and funded by RUSA, University of Mysore, Manasagangotri, Mysore on 20th Oct. 2020.
- ◆ Correlation and Regression in Commerce and Management Research, in one week International workshop on Management Lecture Series, Organised by the Department of Management, Government First Grade College, Bettampady, Puttur on 21st Nov. 2020.

Publications

- ◆ V. Harshitha Moulya, and T. Mallikarjunappa, Does an analyst's stock recommendation cause anomalous price drift? A study of the Indian stock market, South-Asian Journal of Management (SAGE Publications),

Volume 27, Issue 1 (ISSN 0971-5428) [ABDC 'C' Journal]

- ◆ Kofi Mintah Oware and T. Mallikarjunappa, Does employee volunteerism contribute to financial performance? Effect of third-party assurance and financial performance of listed firms in emerging economies, Social Responsibility Journal, Emerald Publication, ISSN: 1747-1117.
- ◆ Kofi Mintah Oware and T. Mallikarjunappa, Disability employment and financial performance: the effect of technological innovation of listed firms in India, Social Responsibility Journal, Emerald Publication, ISSN: 1747-1117
- ◆ Kofi Mintah Oware and T. Mallikarjunappa, CSR expenditure, mandatory CSR reporting and financial performance of listed firms in India: an institutional theory perspective, Meditari Accountancy Research, Emerald Publication, ISSN: 2049-372X
- ◆ Kofi Mintah Oware and T. Mallikarjunappa, Assurance service and performance. Effect of CEO characteristics, Meditari Accountancy Research, Emerald Publication, ISSN: 2049-372X
- ◆ Kofi Mintah Oware and T. Mallikarjunappa, Financial performance and gender diversity. The effect of family management after a decade attempt, Society and Business Review, ISSN: 1746-5680.
- ◆ Kofi Mintah Oware and T. Mallikarjunappa (2020), Financial Distress Likelihood and Social Performance of Listed Firms. The Effect of Mandatory CSR Policy, International Journal of Advanced Science and Technology, Vol. 29 No. 04 (2020): Vol 29 No. 4 (2020), ISSN: 2005-4238 (Print), ISSN: 2207-6360 (Online).
- ◆ Avinash and T Mallikarjunappa, Informational role of open interest and transaction volume of options : A meta-analytic review, FIIB Business Review, Vol .9, No 4, ISSN: 2319-7145 (offline), 2455-2658 (online)
- ◆ Avinash and T Mallikarjunappa, Testing the informativeness of non-price variables with MIDAS touch, IIMB Management Review, Vol 32 No 2, ISSN : 0970-3896.
- ◆ Haritha PH & Rishad, A. An Empirical Examination



of Investor Sentiment and Stock Market Volatility: Evidence from India. Financial Innovation-Springer Publications (Social Science Citation Index & Scopus).

Paper Presentation

- ◆ Haritha P H (2021): The Impact of Intention to Adopt FinTech in India: Mobile payment Technology on 7th International Communication Management Conference (ICMC), Creativity & Culture for Management in a Changing World held on January 7-9. MICA's and Moody College of Communication, The University of Texas, US.
- ◆ Haritha P H (2020): The impact of awareness aspects influence on the relationship between demographic level and investment decision Making-Mediating effect Proceedings of 6th Indonesian Finance Association International Conference COVID-19, Current Challenges and the Future of Financial Market during 17&18 September 2020, Indonesia.
- ◆ Haritha P H (2020): The Moderating Role of perceived value in the Relationships Between e-Quality, e-Satisfaction and e-repurchase intention- 12th International Conference on Digitalization as Vehicle for Innovation, Organizational Growth & Effectiveness-held on December 19th-20th, Prestige Institute of Management, Gwalior, India.
- ◆ Haritha P H (2020): The impact of Heuristics on investment performance: The mediating roles of investor sentiment 11th International Conference on Modern Research in Management, Economics and Accounting (MEACONF) during 18-20 December in University of Oxford, The United Kingdom.
- ◆ Dheera K R (2020): The Moderating Role of perceived value in the Relationships Between e-Quality, e-Satisfaction and e-repurchase intention- 12th International Conference on Digitalization as Vehicle for Innovation, Organizational Growth & Effectiveness on 19th and 20th December, Prestige Institute of Management, Gwalior, India.

Student Achievements

- ◆ Nayana C K (IInd Mcom) published an article titled: Go Through Corona, in the Book NEST- a collection of Research papers and articles, brought out by Christ College (Autonomous), Irinjalakuda, Post Graduate Department of Commerce, Sept. 2020.



കേന്ദ്രസർവകലാശാല കാമ്പസിലെ ഫലവൃക്ഷത്തോട്ടം ഒരുക്കുന്നതിന്റെ ഉദ്ഘാടനം വൈസ് ചാൻസലർ പ്രഫ. വെങ്കിടേശ്വരൻ മാധവൻ തൈ നട്ടു നിർവഹിക്കുന്നു.

കേന്ദ്രസർവകലാശാലയിൽ ഫലവൃക്ഷത്തോട്ടം ഒരുക്കുന്നു

വെളിയ: കേന്ദ്ര സർവകലാശാലയിൽ ഇരുനൂറ്റോളം മാവുകളും നൂറോളം പ്ലാവുകളും നട്ടു പിടിപ്പിച്ച് ഫലവൃക്ഷത്തോട്ടം ഒരുക്കുന്നു. 'ഹൈ ഡെൻസിറ്റി പ്ലാന്റിംഗ്' എന്ന പുതിയ സാങ്കേതിക വിദ്യ ഉപയോഗിച്ച് ഒരേക്കറോളം സ്ഥലത്താണ് തോട്ടം ഒരുക്കുന്നത്. കുറഞ്ഞ പ്രദേശത്ത് കൂടുതൽ വിളവെടുപ്പ് എന്നതാണ് ഈ

സാങ്കേതിക വിദ്യയിലൂടെ സാധ്യമാകുന്നത്. വൈസ് ചാൻസലർ പ്രഫ. വെങ്കിടേശ്വരൻ മാധവൻ തൈ നട്ടുകൊണ്ട് ഉദ്ഘാടനം നിർവഹിച്ചു. രജിസ്ട്രാർ ഡോ.എ.രാധാകൃഷ്ണൻ നായർ, സ്റ്റുഡന്റ്സ് വെൽഫെയർ ഡീൻ പ്രഫ.അരുൺകുമാർ, തോട്ടം കോ-ഓർഡിനേറ്റർ ഡോ. ജാസ്മിൻ എം.ഷാ എന്നിവർ സംബന്ധിച്ചു.

- ◆ Praveena A (II Mcom) attended the Five Day International Workshop on Climate Smart Agriculture: Opportunities and Challenges, organised by National Institute of Technology Karnataka, jointly with Hiroshima University, Japan and Tata Institute of Social Science, Hyderabad during 23-27 Oct. 2020.
- ◆ Praveena A (II Mcom), participated in the ten day online National Skill Development Programme on GST- Registration, Assessment and Filing of Returns – Phase III sponsored by Rashtriya Uchchar Shiksha Abhiyan (RUSA) project titled Financial Training, Tax Computation and Statutory Compliance for Indian Businesses organised by Department of Commerce, Bharathiar University during 2-12 Nov. 2020.
- ◆ Stiniya P Rejimon (II Mcom), Sunila K M (II Mcom), Arshitha Alphonsa Benny (II Mcom), Dhanasree M K and Nayana C K participated in One Day National Webinar on Investment Education, organised by

Central University of Kerala, in association with Finmark Trainers India Pvt Ltd. on 17th Nov. 2020.

- ◆ Roslin P C (IInd Mcom) cleared UGC NET on 30th Nov. 2020.
- ◆ Ancena Kora (II Mcom), Sunila K M (II Mcom), Binshida Sherin M C (II Mcom), Anusha Bhaskaran P P

successfully completed EBSCO Training on EBSCO Business Courses, organised by EBSCO Information Services on 29th Dec. 2020.

- ◆ Dhanasree M K (II Mcom), successfully completed EBSCO Training on EBSCO eBooks/ECM, organised by EBSCO Information Services on 29th Dec. 2020.

പച്ചപുതയ്ക്കാനൊരുങ്ങി കേന്ദ്ര സർവകലാശാല



☛ ഗ്രീൻ ചലഞ്ച് പദ്ധതിക്ക് തുടക്കം കുറിച്ചു വൈസ് ചാൻസലർ പ്രൊ. എച്ച്.വൈകടേശ്വരയ്യ കാമ്പസിൽ മരം നടുന്നു



☛ കേന്ദ്ര സർവകലാശാല ഫുൻ്റ് സയൻസ് വിഭാഗത്തിലെ അധ്യാപകരും വിദ്യാർത്ഥികളും പച്ചമുളക് കൃഷി വിളവെടുക്കുന്നു

ഗ്രീൻ ചലഞ്ച് പദ്ധതിയുമായി വി.സി.

പെരിയ ▶ പച്ചപുതയ്ക്കാൻ ഒരുങ്ങുകയാണ് കേന്ദ്ര സർവകലാശാല കാമ്പസ്. ഇതിന്റെ ഭാഗമായി സർവകലാശാലയിൽ 10,000 വൃക്ഷത്തെകൾ വെച്ചു പിടിപ്പിക്കുന്ന ഗ്രീൻചലഞ്ച് പദ്ധതിക്ക് വൈസ് ചാൻസലർ എച്ച്.വൈകടേശ്വരയ്യ തുടക്കം കുറിച്ചു.

പച്ചക്കറിക്കൃഷിയിൽ മികച്ച വിളവ്

▶ സുഭിക്ഷ കേരളം പദ്ധതിയുടെ ഭാഗമായി കേന്ദ്ര സർവകലാശാലയിൽ ഒരുക്കിയ പച്ചക്കറി കൃഷിക്ക് മികച്ച വിളവ്. പച്ചമുളക്, വെണ്ട, വഴുതന, പാവയ്ക്ക എന്നിവയാണ് ഇപ്പോൾ വിളവെടുക്കുന്നത്. സർവകലാശാലയിലെ അധ്യാപകരും ജീവനക്കാരും തന്നെയാണ് മുഴുവൻ പച്ചക്കറികളും വാങ്ങുന്നത്. വിദ്യാർത്ഥികൾ ഇല്ലാത്തതിനാൽ പ്ലാന്റ് സയൻസിലെ അധ്യാപകരും ഗവേഷണ വിദ്യാർത്ഥികളുമാണ് കൃഷിയെ പരിചരിക്കുന്നത്. ചോളം, കപ്പ, വാഴ, മുത്താറി തുടങ്ങി മറ്റു കൃഷികളും ഉണ്ടാവിടും.

വരുന്നൂ, ജൈവവൈവിധ്യ സന്യാസം

കേന്ദ്ര സർവകലാശാലയിൽ ഒഴിഞ്ഞു കിടക്കുന്ന അണ്ടേജ്കറോളം വരുന്ന പാമ്പിൽ വിശാലമായ ജൈവവൈവിധ്യ സന്യാസം ഒരുക്കുമെന്ന് വൈസ് ചാൻസലർ അറിയിച്ചു.

ഔഷധസസ്യങ്ങളും ഫലവൃക്ഷങ്ങളും അടങ്ങുന്ന ഉദ്യാനം അടുത്തവർഷം ജൂനോടെ ഒരുക്കും.

മരുഭൂമികളിലടക്കം കണ്ടുവരുന്ന അപൂർവ സസ്യങ്ങളും മൂലച്ചെടികളും മൂലച്ചെടികളുടെ മികച്ച നിലവാരത്തിലാണ് ഉദ്യാനം പണിയുക.

ഉദ്യാനം നിലവിൽ വന്നാൽ സർവകലാശാലയിലെയും ജില്ലയിലെയും മുഴുവൻ വിദ്യാർത്ഥികൾക്കും കൂടുതൽ ഗവേഷണപഠനങ്ങൾക്ക് വഴിയൊരുക്കും.

നിലവിൽ ഉദ്യാനത്തിനായി കണ്ടുവെച്ചിരിക്കുന്നിടത്ത് തേക്ക്, ഇരട്ടി, വേപ്പ്, താനി, ചന്ദനം തുടങ്ങിയ മരങ്ങൾ വെച്ചുപിടിപ്പിച്ചിട്ടുണ്ട്.

ബാക്കിയുള്ള സ്ഥലം കാട് വെട്ടിത്തെളിച്ചെടുത്ത് പ്രവർത്തനങ്ങൾ ഉടൻ ആരംഭിക്കും.

ശുദ്ധവായു ലഭിക്കുന്ന ഇടമാക്കിയെടുക്കുക ലക്ഷ്യം

▶ സർവകലാശാലയിൽ ഒഴിഞ്ഞുകിടക്കുന്ന ഇടങ്ങളെല്ലാം ചെടികൾ വെച്ചുപിടിപ്പിച്ച് ശുദ്ധവായുവും തണുപ്പും ലഭിക്കുന്ന ഇടമാക്കി മാറ്റിയെടുക്കും. അതികഠിനമായ വേനൽകാലത്ത് ചൂടിനെ ചെറുക്കാൻ അത് ഉപകാരപ്പെടും. മരങ്ങൾ നടപ്പിപ്പിച്ച സെൻ്റർ സ്ക്വയർ ഭാവിയിൽ സർവകലാശാലയുടെ ശ്വാസകോശമായി മാറും.

പ്രൊ. എച്ച്.വൈകടേശ്വരയ്യ
വൈസ് ചാൻസലർ

ചു. സർവകലാശാലയിലെ ഓരോ അധ്യാപകനും വിദ്യാർത്ഥികളുടെ സഹായത്തോടെ 100 വൃക്ഷത്തെകൾ നടണം എന്നതാണ് ചലഞ്ച്.

കാമ്പസിനകത്തെ റോഡരികുകളിലും ഏക്കറുകളോളം വ്യാപിച്ചുകിടക്കുന്ന സെൻ്റർ സ്ക്വയറിലും കണിക്കൊ

ന്ന, ഗുൽമോഹർ, നീലവാക, പൂമരൂത്, ജന്തു തുടങ്ങിയ പുഷ്പവൃക്ഷങ്ങളാണ് നടുക.

ഇവയെല്ലാം വ്യത്യസ്ത കാലയളവിൽ പൂക്കുന്നതിനാൽ വർഷം മുഴുവൻ കാമ്പസ് പൂക്കളാൽ നിറഞ്ഞിരിക്കും. ബാക്കിയുള്ള ഇടങ്ങളിൽ മറ്റ് വൃക്ഷത്തെകളും നടും.

പ്ലാന്റ് സയൻസ് വിഭാഗത്തിന്റെ സഹായത്തോടെയാണ് പദ്ധതി നടപ്പാക്കുക.



Department of International Relations and Politics

Faculty Achievements

Prof. K Jayaprasad, Head & Dean, School of Global Studies

- ◆ Wrote foreword to the book *Bharatha Rashtrathwathinte Ananta Pravabam* by R Hari Kurukshethra Publications, Kochi, Dec. 2020.
- ◆ Wrote foreword to the biographical Novel on Mahatma Ayyankali Theedalan by Thirur Dinesh Kurusheththa Publications Kochi, Oct. 2020.
- ◆ Delivered the keynote address on Seven Decades of Indian Constitution: Experiences and challenges in the national webinar series organised by the Department of Political Science, NSS College, Dhanavachapuram, Thiruvananthapuram on 26th Nov. 2020.
- ◆ Delivered a felicitation speech in the Constitution Day celebrations 2020 organised by the Department of Law, Thiruvalla Campus, CUK on 26th Nov. 2020.
- ◆ Delivered the keynote speech in the webinar organised by NCC 32 Kerala Battalion in connection with the 50th Anniversary Celebration of Vijay Diwas at Nehru Arts and Science College Kanhangad on 1st Dec. 2020.
- ◆ Delivered a lecture on Sree Narayana Guru and Education at the webinar organised by Sree Narayana Mission for Life Excellence on 24th Dec. 2020.
- ◆ Chaired a session in the 5 day international webinar on Rethinking the role of local Governments in a Post Covid 19 World organised by the Centre for Gandhian Studies CUK on 14th Dec. 2020.
- ◆ Delivered a lecture on Sree Narayana Guru in the Lecture series organised by Adyanmika Sammthi, Dubai on 2nd Oct. 2020.
- ◆ Delivered a Lecture in the International Conference on citizenship illegal immigration and Politics: its impacts and global Scenario organised by S. Kula Women's college Nambol Manipur on 4th Nov. 2020.
- ◆ Published an article Janahitham in Janmabhumi Daily on 17th Dec. 2020.
- ◆ Published an article on Kerala Local body election in Kesari weekly on 25th Dec. 2020.
- ◆ Presided over the national webinar on Covid19 Highlights Fault lines in India, China and the World, organised by the Dept. of International Relations on 17th July 2020.
- ◆ Delivered an invited Lecture on the Chinese attack in Galwan Revisiting India-China Relations through Facebook page of Deen Dayal Upadhyaya Chair, Central University of Himachal Pradesh on 18th July 2020.
- ◆ Delivered the keynote address in the national webinar on Contemporary Polity and Governance in India organised by Dept. of Political Science, Mahatma Gandhi Central University, Bihar and Indian Political Science Association on 27th & 28th July. 2020
- ◆ Presented the theme paper in the national webinar on National Education Policy 2020, organised by the Dept. of Education, CUK on 4th Aug. 2020.
- ◆ Delivered a Lecture through Google meet on Basic Thoughts on Research for Resurgence organised by Academics 4 Nation, New Delhi on 1st Aug. 2020.
- ◆ Delivered the keynote speech in the webinar organised by Sahitya, Thiruvananthapuram, through Facebook live on National Education Policy 2020 on 5th Aug. 2020.
- ◆ Delivered an invited Lecture in webinar on Malabar Revolt-1921 organised by Bharatheeya Vichara Kendram, Kerala on 10th Aug. 2020.
- ◆ Presented the keynote address in the webinar on National Education Policy 2020, organised by the Field Outreach Bureau, Govt. of India, Ministry of Information and Broadcasting, in association with St. Mary's College, Trissur on 12th Aug. 2020.
- ◆ Delivered the inaugural address in the one day International Webinar on National Education Policy-2020: A New Vision jointly organised by the Karnataka political Science Association and Indian Political Science Association on 13th Aug. 2020.
- ◆ Delivered a paper entitled Covid 19: Impact on International Politics, in the International Virtual Seminar on Covid. 19 Global Impact organised by Govt. J.P Verma PG Arts and Commerce College, Bilaspur on 16th Aug. 2020..
- ◆ Presented keynote paper in the webinar organised by Bharatheeya Vidhya Niketan, Kottayam, on What is New in Education Policy: 2020 on 23rd Aug. 2020.
- ◆ Delivered the presidential address in the inaugural function of the 15 days Online Training Programme on Coping with Pandemic situations: Online Training on Life Skills Counselling and Mentoring organised by

- School of Education, CUK during 5-25 Aug. 2020.
- ◆ Delivered a lecture on Teaching for the future in the webinar Series on National Education Policy 2020 organised by Bharathiya Shikshan Mandal on 5th Sept. 2020.
 - ◆ Delivered a keynote address in the two day National Conference on National Education Policy 2020: Towards A self-Reliant India organised by the SNM Training College and Kerala State Higher Education Council on 16th Sept. 2020.
 - ◆ Delivered the keynote Address in the national webinar on Sree Narayana Guru's Perspective on Education in the context of National Education Policy 2020 organised by Sree Narayana Training College Varkala, Sree Narayana Mission for Life Excellence (SMILE) and Vidhyabhyasa Vikasa Kendram, Kerala on 20th Sept. 2020.
 - ◆ Delivered a Speech in the Validictory Panel session in the three day International Conference (VIJISHU) on Reimagining South Asia: Multilateralism in the Post Covid World organised by Amity Institute of International Studies, Amity University, Uttar Pradesh in collaboration in with Nepal Institute for International Co-operation, Kathmandu on 30th Sept. 2020.
 - ◆ Organised an international webinar series in connection with the 150th Birth anniversary Celebrations of Mahatma Gandhi from 25th Sept. to 2nd Oct. 2020 School of cultural studies and Centre for Gandhian studies jointly organised the webinar series.
 - ◆ Delivered a speech through Video Conference conducted by Bhatetheeya Vichara Kandram, Kerala on Social Renaissance in Kerala on 4th May 2020.
 - ◆ Presented the keynote paper on Post Covid 19 World Order on 19th May 2020 in the national webinar VIRTUOSA 2020 organised by D B College Shasthamkotta and Higher Education Council, Kerala.
 - ◆ Delivered a speech through Video Conference organised by Kerala Athmiya Samiti, Dubai, UAE on 31st May 2020.
 - ◆ Delivered a speech on Kerala Renaissance through Video Conference conducted by Vidhyabhyasa Vikasa Kendram, Kerala on 10th June 2020.
 - ◆ Delivered the presidential address in the national webinar on China Adversary in Adversity organised by the Department of International Relations and Politics, CUK on 18th June 2020.
 - ◆ Keynote speech delivered at national webinar on Emerging New World Order, conducted by School of Social Sciences, Mahatma Gandhi Central University, Bihar on 27th June 2020.
 - ◆ Delivered a speech through Video Conference organised by Kerala Athmiya Samiti, Dubai, UAE on 27th June 2020.
- ### TV Debate
- ◆ Coalition Politics of Kerala on 18th Oct. 2020, Janam TV.
 - ◆ 100 years of Communist party in India on 25th Oct. 2020, Janam TV.
 - ◆ Economic reservation on 1st Nov. 2020, Janam TV.
 - ◆ US President Elections on 3rd Nov. 2020, Janam TV.
 - ◆ Special guest in Janam TV as part of Bihar Assembly election on 11th Nov. 2020.
 - ◆ Local Body Elections on 15th Dec. 2020, Doordarshan.
 - ◆ Kerala Local Body election Analysis Live Program on 16th Dec. 2020, Janam TV.
- ### Books Publication
- ◆ Prof. K Jayaprasad (co-author) Intra Regional Trade, Economic Regionalism and BRICS Lamberst academic Publications Mauritius and 2020 east Europe ISBN:978-620-67562-8.
 - ◆ Prof. K Jayaprasad contributed a chapter entitled Political Culture of Kerala: A Critical Analysis in Explorations in Politics and Political Economy edited by John S. Moolakkattu and Reinhart Philip, DC Books, Kottayam 2020 ISBN:978-93-5390-482-1.
- ### Publications
- ◆ Prof. K Jayaprasad (co-author) 'Belt Road initiative in the platform of Covid 19 ERA' in Journal of the Social Sciences University of Kuwait July 2020 pp. No.2860-2876 E. ISSN:0975-8935 P. ISSN:0253-1097 Scopus index journal.
 - ◆ "Nation building and social Harmony the Legacy of Sree Narayana Guru", Mahatma Ayyankali Centre for Kerala Studies, School of Cultural studies, CUK, Capital Centre, Thiruvanthapuram ISBN-978-93-89768-21-3.
 - ◆ (Co-author), "India's Energy Security: Challenges and Concerns" Gyan Books, New Delhi 2020, ISBN:978-93-5324-232-9.
 - ◆ Contributed a Chapter in "Look East to Act East, Transforming India-ASEAN Relations in Modi Era" Sudhir Singh(Ed.) Pentagon Press, New Delhi 2020, ISBN:978-81-942837-7-5).
 - ◆ Contributed a chapter in "Indias Foreign Policy Modi

2.0, Challenges and opportunities” Sudhir Singh (Ed.) Pentagon Press, New Delhi 2020 (ISBN-978-81-942837-7-5).

Articles

- ◆ (Co-author) “The Brics and post financial crisis” Journal of Studies in the Indian Place name Mumbai, Vol.40 Issue.50, March 2020, PP-1580-96 (ISSN 2394-3114).
- ◆ “Post Covid 19 world order and China” Keasari weekly 1st May 2020.
- ◆ (Co-author)” The BRICS and International Political Economy in American Review of political economy, Vol. 15 issue no.1 (ISSN:1551-1383) June 2020.

Prof. M S John

- ◆ Jointly edited a book with Dr. Reinhart Philip entitled Explorations in Politics and Political Economy: Essays in Honour of Prof G Gopakumar and Published by DC Books, Kottayam in July 2020. Also contributed a chapter entitled Political Science: The Status of the Discipline and Challenges ahead from a Largely Indian Perspective in the same edited book.

- ◆ Delivered an online talk to the teachers of St. Pius X College, Rajapuram, Kasargod on Academic Writing and Publication on 30th May 2020.
- ◆ Delivered a solicited lecture on COVID-19 and Local Self Governments: A Global Perspective at a national webinar on COVID-19 and Local Governments in Karnataka jointly organised by Karnataka State Rural Development and Panchayat Raj University, ISEC Bangalore, and Centre for Rural Management, Kottayam on 10th June 2020.
- ◆ Delivered a repeat and expanded lecture on COVID-19 and Local Self Governments: A Global Perspective at a national webinar on Decentralized Disaster Management: Odisha Local Governments and the Global Pandemic Covid-19 jointly organised by the Ramakrishna Hegde and Abdul Nazir Sab Decentralization Action Lab of Centre for Rural Management (CRM), Kottayam and School of Rural Management, KIIT Deemed University, Bhubaneswar on 13th June 2020.
- ◆ Delivered a Talk on Covid-19 and Gandhian Self-Reliance at a webinar on Corona Virus Pandemic:

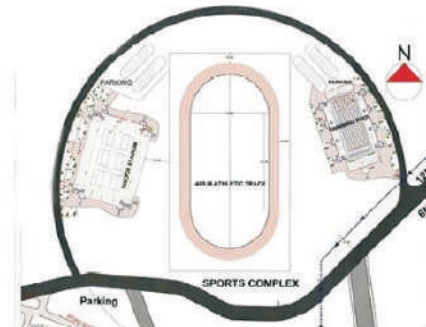
‘ഖേലോ ഇന്ത്യ ഖേലോ പെരിയ’ വരുന്നൂ, കേന്ദ്ര സർവകലാശാലയിൽ 50 കോടിയുടെ സ്പോർട്സ് കോംപ്ലക്സ്

സായുജ് സഞ്ജീവൻ
പെരിയ

പെരിയ കേന്ദ്രസർവകലാശാല 50 കോടി രൂപയുടെ അന്താരാഷ്ട്രനിലവാരത്തിലുള്ള സ്പോർട്സ് കോംപ്ലക്സ് നിർമ്മിക്കുന്നു. ഖേലോ ഇന്ത്യ എന്ന കേന്ദ്ര സർക്കാർ പദ്ധതിയുടെ ഭാഗമായി കേന്ദ്ര കാമ്പസ്-ആവേശ നകാര്യ മന്ത്രാലയമാണ് രാജ്യത്തെ കേന്ദ്ര സർവകലാശാലകളിൽ സ്പോർട്സ് കോംപ്ലക്സ് നിർമ്മിക്കുന്നത്.

അതിന്റെ ഭാഗമായി കേരള കേന്ദ്ര സർവകലാശാല പെരിയയിൽ നിർമ്മിക്കാനുദ്ദേശിക്കുന്ന സ്പോർട്സ് കോംപ്ലക്സിന്റെ പദ്ധതി വിപ്ലവകർമ്മം. സിന്തറ്റിക് ട്രാക്ക്, ഫുട്ബോൾ ഗ്രൗണ്ട്, ഇൻഡോർ സ്റ്റേഡിയം, നീന്തൽ അളം എന്നിവയുൾപ്പെടുന്നതാണ് കോംപ്ലക്സ്.

2021 ഓർച്ചിപ്പിള്ളിൽ പദ്ധതിക്ക് അംഗീകാരം ലഭിച്ചു. നിർമ്മാണപ്രവർത്തനം ആരംഭിക്കാനാകും എന്നാണ് അധികൃതർ പ്രതീക്ഷിക്കുന്നത്. ദേശീയപാത



◆ സ്പോർട്സ് കോംപ്ലക്സിന്റെ മാതൃക

യോജ്യമാണ് പൊതുജനങ്ങൾക്കും പെട്ടെന്ന് പ്രവേശനം സാധ്യമാക്കുന്ന രീതിയിലാണ് കോംപ്ലക്സ് പണിയുന്നത്.

സിന്തറ്റിക് ട്രാക്ക്

ചെലവ് 11.62 കോടി. നിർമ്മിക്കുന്നത് 400 മീറ്റർ ഫുട് ബാൾ

ട്രാക്ക്. ട്രാക്കിന്റെ ഉപയോഗത്ത് 180 മീറ്റർ നീളവും 120 മീറ്റർ വീതിയുമുള്ള ഫുട്ബോൾ ഗ്രൗണ്ട് പണിയുന്നത്.

ഇൻഡോർ സ്റ്റേഡിയം

ചെലവ് 11.5 കോടി. 60 മീറ്റർ നീളവും 40 മീറ്റർ വീതിയും, പോളിയൂറോ. ബോർമിൻ്റെ കോർ

ട്ടിക്ലം രണ്ട് ഘട്ടവും വീതം. കേരള സമയം നാല് മണെട്ത്ത് രണ്ട് മണെട്ത്ത്.

നീന്തൽക്കുളം

ചെലവ് 12.5 കോടി. ഫുട് ബാൾ നീന്തൽ ട്രാക്ക് 3000 മീറ്റർക്ക് ഇരിക്കാവുന്ന ഗാലറി ഡ്രൈവ് പെർഫോമൻസ് ആൻഡ് റിക്വെറിംഗ് ലാബ്

ചെലവ് 9.7 കോടി. ഫിസിക്കൽ എഡ്യൂക്കേഷൻ വിഭാഗത്തിനുവേണ്ടി നിർമ്മിക്കുന്നത്.

അടിസ്ഥാന സൗകര്യവികസനം

ചെലവ് 4.56 കോടി. അസുഖസൗകര്യങ്ങളുമായി ആവശ്യമുള്ള റോഡ്, മതിൽ തുടങ്ങിയവ

യാഥാർത്ഥ്യമാകാൻ റോഡ് വേണം

സ്പോർട്സ് കോംപ്ലക്സ് യഥാർത്ഥ്യമാകാൻ കേന്ദ്രത്തിൽനിന്നുള്ള അംഗീകാരം മാത്രം മതിയാകില്ല. നാട്ടുകാരുടെ പ്രതിഷേധത്തിൽ പരിമുട്ടിനിടക്കുന്ന പെ

രിയ-മണ്ണോട് റോഡ് പൂർത്തിയാക്കാൻ മാത്രമേ അംഗീകാരത്തിന് ശേഷം നിർമ്മാണപ്രവർത്തനങ്ങളിലേക്ക് കടന്നുപോകാനാകൂ. കോംപ്ലക്സിന്റെ പ്രവേശനകവാടം ദേശീയ പാതയോടു ചേർന്ന് പെരിയ-മണ്ണോട് റോഡിലേക്കാണ്. പൊതുജനങ്ങൾക്ക് പെട്ടെന്നുതന്നെ സാധ്യമാക്കുന്ന രീതിയിലാണ് സർവകലാ

ശാല കോംപ്ലക്സ് പണിയാൻ ഉദ്ദേശിക്കുന്നത്. സർവകലാശാലയ്ക്ക് ഉള്ളിലൂടെ കടന്നുപോകുന്ന റോഡിന് പകരം സംസ്ഥാന സർക്കാരിന്റെ 2.25 കോടി ഉപയോഗിച്ചാണ് പുതിയ റോഡ് പണിയുന്നത്. നിലവിൽ പ്ലാൻ്റെ പേര് ഉച്ചസ്ഥാനത്തിലുള്ള സ്ഥലത്ത് 100 മീറ്റർ റോഡ് മാത്രമാണ് പൂർത്തിയാക്കാനുള്ളത്.

പെൺകുട്ടികൾക്കുവേണ്ടി

അതായതിനക സൗകര്യങ്ങളോടൊപ്പമുള്ള സ്പോർട്സ് കോംപ്ലക്സ് ആണ് സർവകലാശാലയിൽ ഉണ്ടാകുന്നത്. സർവകലാശാലയിൽ 65 ശതമാനവും പെൺകുട്ടികളാണ് പഠിക്കുന്നത്. അതുകൊണ്ടുതന്നെ കാമ്പസ് മേഖലയോട് പെൺകുട്ടികൾക്ക് കൂടുതൽ സൗകര്യം ഉണ്ടാകണം എന്ന ഉദ്ദേശ്യത്തോടെയാണ് പദ്ധതി തയ്യാറാക്കുന്നത്. കോംപ്ലക്സ് പണിയാൻ കഴിയും സംസ്ഥാനത്തിനുതന്നെ അഭിമാനകരമാണ്. വലിയ മത്സരങ്ങൾ നടത്തിത്തന്നെ കോംപ്ലക്സിന്റെ പ്രവർത്തനം ആരംഭിക്കാനാണ് ആഗ്രഹിക്കുന്നത്.



-**ദിഗ്വിജയ് എച്ച് വെങ്കടേശ്വരൻ**
വേൾത്ത് ധർമ്മൻ, കേരള കേന്ദ്ര സർവകലാശാല

Looking through the Lens of Gandhi organised by Centre for Rural Management, Kottayam on 26th June 2020.

Organization of Webinars

- ◆ Under the aegis of the Centre for Gandhian Studies organised an International webinar on Gandhi, African Americans, and the Question of Race with Professor Vinay Lal of University of California, LA, USA, as the speaker on 10th Aug. 2020.
- ◆ Under the aegis of the Centre for Gandhian Studies organised an International webinar on Gandhi and the Question of Friendship with Professor Ajay Skaria of University of Minnesota, USA as the speaker on 13th Aug. 2020.
- ◆ Three webinars were jointly organised by School of Cultural Studies and Centre for Gandhian Studies as part of the observance of the Gandhi Jayanti week. The Hon'bel Vice-Chancellor Prof. H Venkateshwarlu inaugurated the series on 25th Sept. 2020. The first speaker was Prof. Ananta Kumar Giri of Madras Institute of Development Studies, and the theme of his talk was Rethinking Satyagraha: Travel, Truth & Translation. Dr. K S Radhakrishnan, Former Vice-Chancellor, Sree Sankara Sanskrit University & Former Chairman of Kerala Public Service Commission spoke on the theme Gandhi, Swadeshi and Atmanirbhar Bharat. on 28th Sept. 2020. Dr. N Radhakrishnan, Chairman, Indian Council of Gandhian Studies, delivered as address dwelling on the theme Reinventing Gandhi in the Post COVID World Order on 30th Sept. 2020. Dr. Uma Purushothaman introduced the speakers and moderated all the three Gandhi Jayanti webinars. Prof. K Jayaprasad, Dean, School of Cultural Studies and Prof. M S John, Coordinator, Centre for Gandhian Studies, took turns to propose the vote of thanks. Dr. Reinhart Philip made the necessary logistics and other arrangements.

Dr. Reinhart Philip, Assistant Professor

Edited Book

- ◆ John M S & Reinhart Philip (2020): Explorations in Politics and Political Economy, DC Books, Kottayam. (ISBN 978-93-5390-482-1) (Edited Volume)

Book Chapter

- ◆ Vineetha N R & Reinhart Philip (2020): Governing a Scarce Resource: Challenges Ahead of India in the

Allocation of Drinking Water, in John M S & Reinhart Philip (ed.), Explorations in Politics and Political Economy, DC Books, Kottayam, 216-229. (ISBN 978-93-5390-482-1)

- ◆ Reinhart Philip (2020): "Nation Building through the Philosophy of Swami Vivekananda," in K. Jayaprasad (ed.), Nation Building and Social Harmony: The Legacy of Sree Narayana Guru, Mahatma Ayyankali Centre for Kerala Studies, CUKERALA, 226-233. (ISBN: 978-93-89768-21-3)

Invited lectures

- ◆ Special lecture on Developing the Research Question at the Department of Law, CUK, Thiruvalla campus on 14th Aug. 2020..
- ◆ National Webinar on Human Security in the Covid and Post Covid Times, St. Albert's College, Ernakulum on 18th Aug. 2020.
- ◆ Evolution of India's Foreign Policy Open session by Enliven Academy on 12th Sept. 2020.
- ◆ Acted as a Resource Person for the Course International Political Economy in the two-day virtual workshop on Collating Political Science Resources for Teachers in Higher Education, organized by NIEPA during 24-25 Aug. 2020.
- ◆ Delivered an Invited Lecture on the theme Right to Privacy in India: Constitutional Provisions in the One Week National Webinar Series on Seven Decades of Indian Constitution: Experiences and Challenges, organised by the Department of Political Science, VTM NSS College, Dhanuvachapuram on 27th Nov. 2020.
- ◆ Chaired a session on Constitutional Governance in India in the One Week National Webinar Series on Seven Decades of Indian Constitution: Experiences and Challenges, organised by the Department of Political Science, VTM NSS College, Dhanuvachapuram on 28th Nov. 2020.

Article

- ◆ Reinhart Philip (2020): National Security Concerns: Overdependence of India's Pharma Sector on China, South Asian Journal of Socio-Political Studies, 21(1), July - December, 31-4.

Dr. Gilbert Sebastian, Assistant Professor

- ◆ Convened and moderated National Webinar titled COVID-19 Highlights Faultlines in India, China and



the World by Prof. Manoranjan Mohanty on 17th July 2020.

Research Papers published (Single authored)

- ◆ 2020: Edited Volume with ISBN: Theory and Praxis in Natural and Social Sciences: With Particular Reference to Political Studies, in John S Moolakkattu & Reinhart Philip (eds.), Explorations in Politics and Political Economy, DC Books, Kottayam.

Articles Published

- ◆ 2020: Indiyil engane janaadhipathya bhooripaksham? saadhyamaakkaam? (Malayalam - How can we secure democratic majority in India?), Maruvakku, vol. 5, no. 4, May 2020, pp. 54-62.
- ◆ Reviewed a Research Paper for vol. 34, no. 2, Dec. 2020 of the Loyola Journal of Social Sciences, Thiruvananthapuram.
- ◆ Chaired the Technical Session, Rethinking Decentralization during and after Covid-19 in the International Webinar on Rethinking the Role of Local Governments in a Post Covid-19 World, jointly organised by the Centre for Gandhian Studies, CUK and Centre for Rural Management (CRM), Kottayam during 10-14 Dec. 2020.

Papers Presented at National Seminars

- ◆ Theory in Natural and Social Sciences with particular reference to Political Studies jointly organised by Research Committee and IQAC of Maharajas College (Autonomous) Ernakulam (livestreamed at <https://www.youtube.com/watch?v=8mVfgSETV0Q>) on 19th Dec. 2020.
- ◆ (Invited Lecture) Presented the National Webinar on Human Rights, Mann ki baat on Human Rights in India organised by the Department of Political Science, Indira Priyadarshini Government Degree College for Women (IPGDCW), Nampally, Hyderabad on 10th Dec. 2020.
- ◆ (Invited Lecture) Presented the National Webinar, Revisiting the Legacy of Gandhi at the Department of Law, Malappuram Centre of the Aligarh Muslim University to mark the end of the two-year commemoration period of the 150th Birth Anniversary of Mahatma Gandhi on 2nd Oct. 2020.

Dr. Uma Purushothaman, Assistant Professor

- ◆ Organised and moderated a talk by Dr. N Radhakrishnan, Chairman, Indian Council for

Gandhian Studies on Reinventing Gandhi in the post-Covid World Order on 30th Sept. 2020 organised by the School of Cultural Studies and Centre for Gandhian Studies, CUK.

- ◆ Organised and moderated a talk by Dr. K S Radhakrishnan, former VC, Sree Sankara Acharya Sanskrit University, on Gandhi, Swadeshi Model of Development and Atmanirbhar Bharat on 28th Sept. 2020 organised by the School of Cultural Studies and Centre for Gandhian Studies, CUK.
- ◆ Organised and moderated a lecture on Rethinking Satyagraha, Travel, Truth and Translation by Prof. Ananta Kumar Giri, MIDS on 25th Sept. 2020 organised by the School of Cultural Studies and Centre for Gandhian Studies, CUK.
- ◆ Presented a Paper on Covid 19 and the Implications for the Global Order at an international webinar organised by the Osmania University HRDC and Hyderabad Institute of Social Sciences on Geopolitics in Post COVID Era: Emerging Dimensions and Dynamics on 12th Sept. 2020.
- ◆ Delivered the inaugural talk on The Sino Indian Rivalry: Genesis and Prognosis on 20th Sept. 2020 at a webinar organised by the Social Science Forum, Payyanur College, Kannur.
- ◆ Chaired a session at an international webinar on Post Pandemic World Order: Navigating the new Normal organised by the Nepal Institute for International Cooperation and Engagement (NIICE) and the Water Policy Institute on 31st Aug. 2020.
- ◆ Presented a Paper on China-Russia Relations: The Indian Perspective at an international webinar on Understanding China, organised by the Nepal Institute for International Cooperation and Engagement (NIICE) on 16th Aug. 2020.
- ◆ Moderated an international webinar on Gandhi and the Question of Friendship organised by the Centre for Gandhian Studies, CUK on 13th Aug. 2020.
- ◆ Moderated an international webinar on Gandhi, African American Intellectuals and the Matter of "Race" Friendship' organised by the Centre for Gandhian Studies, CUK on 11th Aug. 2020.
- ◆ Organised and Moderated a webinar on Great Power Dynamics in a Post COVID World, talk by Prof. T V Paul, McGill University, Montreal on 25th June 2020.
- ◆ Moderated a national webinar on China: Adversary in

Adversity, Talk by Ambassador (Retd.) T P Sreenivasan, CUK on 18th June 2020.

- ◆ Presented a Paper on Russian Perspectives on Regional Geopolitical Dynamics at a Webinar on Contemporary Perspectives on Regional Geopolitical Dynamics on 3rd July 2020 organised by the South Indian Scholars Group on International Studies (SIGIS).
- ◆ Panelist on discussion on Prime Minister's Visit to Ladakh on News 24 on 3rd July 2020.
- ◆ Participated in programme on Prime Minister's visit to Ladakh on Manorama News on 3rd July 2020.
- ◆ Panelist on discussion on India-China tensions on Malayala Manorama News on 22nd June 2020.
- ◆ Panelist on discussion on India China Problems on Malayala Manorama News on 19th June 2020.
- ◆ Panelist on discussion on India China border problems on News24, Encounter Programme on 16th June 2020.
- ◆ Panelist on discussion on India China border issues on Mathrubhumi News on 17th June 2020.
- ◆ Panelist on discussion on India China border problems on Mathrubhumi News on 16th June 2020.
- ◆ Became a Non-Resident Fellow at the Middle East Institute, New Delhi.

Book Chapters

- ◆ Co-authored with Nandan Unnikrishnan, 'Proceed with Caution: India's Approach to China's One Belt One Road and Other Cooperation Ideas in the Region' in Alexander Lukin (Ed) Roads and Belts of Eurasia (Singapore: Palgrave Macmillan, 2020), pp.103-127. ISBN 978-981-15-0856-1
- ◆ Chapter on 'Cambodia's Improbable Fight Against COVID-19' in M. Mayilvaganan (ed.). 'Covid- 19 Pandemic in the Indo-Pacific: How the Countries Are Dealing Amidst Changing Geopolitics', Research Report, <https://www.nias.res.in/publication/covid-19-pandemic-indo-pacific-how-countries-are-dealing-amidst-changing-geopolitics>, ISBN 978-93-83566-41-6

Web Articles

- ◆ 'The New Normal: Exploring Avenues for India in the Post-COVID-19 World Order', 21 September 2020, Nepal Institute for International Cooperation and Engagement (NIICE) Commentary 5995, <https://niice.org.np/archives/5995>
- ◆ 'Republican National Convention becomes a celebration of Trump', 28 August 2020, Moneycontrol

Op-Ed, <https://www.moneycontrol.com/news/opinion/republican-national-convention-becomes-a-celebration-of-trump-5766841.html>

- ◆ 'The Vladivostok Blast from the Past: Will it affect China-Russia Relations?', 29 July 2020, Nepal Institute for International Cooperation and Engagement (NIICE) Commentary 5729, <https://niice.org.np/archives/5729>
- ◆ 'The Big Picture: Assessing India's options with China', 27 July 2020, Moneycontrol Op-Ed, <https://www.moneycontrol.com/news/opinion/the-big-picture-assessing-indias-options-with-china-5602761.html>

School of Cultural Studies

- ◆ On behalf of Mahatma Ayyankali Centre for Kerala Studies, the second Mahatma Ayyankali Memorial Lecture was organised on 28th Aug. 2020. Governor of Mizoram Sri. P S Sreedharan Pillai delivered the Memorial Lecture and the Vice-Chancellor, Prof. H Venkateshwarlu presided over the program.
- ◆ Organised a week long webinar series in association with Centre for Gandhian Studies as part of 150th anniversary celebrations of Mahatma Gandhi from 25th Sept. to 2nd Oct. 2020. Prof. Ananta Kumar Giri, Professor, Madras Institute of Development Studies, Dr. K S Radhakrishnan, Former Vice-Chancellor, Sree Sankara Acharya University, Dr. N Radhakrishnan, Chairman, Indian Council of Gandhian Studies, Prof. Brian Martin, Emeritus Professor, University of Wollongong, Australia participated.

Department of International Relations, Capital Centre

Dr. P C Prasanna Kumar

- ◆ Participated in the webinar on Great Power Dynamics in a Post COVID World, talk by T V Paul, McGill University, Montreal on 25th June 2020.
- ◆ Participated in the webinar on China: Adversary in Adversity, Talk by Ambassador (Rtd.) T P Sreenivasan on 18th June 2020.
- ◆ Attended Five Days Faculty Development Program on Data Sciences organised by the Department of Computer Science supported by AICTE Training and Learning Academy during 9-13 June 2020.

Department of Linguistics

- ◆ Organized a webinar series in memory of Dr. Curiously Bareh from 20th October 2020 to 29th December 2020. Hon'ble Vice-Chancellor Prof. H Venkateshwarlu inaugurated the webinar. 10 webinars were conducted in the series on the topics People and Languages in India, Natural Language Texts Digitalization, Annotation and Processing, Indian Languages and Economy, Alexa to Sophia: Linguistics for Speech Technologies, Demystifying Popular Perceptions on Language Issues, Challenges in Parsing: A View from Dravidian Languages, Viewing Error Analysis from a Different Prism, Demystifying Popular Perceptions on Language Issues, Meaning of Meaning and Documentary Linguistics and Language Technology. Prof. M Sreenathan, Malayalam University, Prof. Niladri Sekhar Dash, Indian Statistical Institute, Kolkata, Prof. G. Uma Maheswar Rao, Former Professor and Director of CALTS, University of Hyderabad, Dr. L Ramamoorthy, Prof. Joga Singh Virk, Dr. K Parameswari, University of Hyderabad, Prof. N Nadaraja Pillai, Prof. Sam Mohan Lal (Former Professor cum Deputy Director, Central Institute of Indian Languages, Mysuru), Prof. V Renuga Devi, Emeritus Professor, Mudurai Kamaraj University and Prof. N Rajasekharan Nair were the invited speakers.
- ◆ Conducted an International Online Seminar in collaboration with the Endangered Languages Documentation Programme (ELDP), SOAS University of London, UK & University of Texas, USA on Documentation of Endangered Languages from 12th to 13th August 2020. Prof. K C Baiju delivered the inaugural address followed by the key note address by Prof. Udaya Narayana Singh, Amity University, Haryana. Prof. N Ganesh Devy, Bhasha Research and Publication Centre spoken on The Future of Indian Languages. Prof. Mandana Seyfeddinipur, Director of Endangered Languages Documentation Programme at SOAS University, London delivered lecture on Why Languages are Endangered?. The final invited lecture was by Prof. Shobhana Chellaiah from University of North Texas, USA on Basic Tools for Language Documentation.

Student Achievements

Chandana S Anand

- ◆ <http://indianperiodical.com/2020/08/partition-parts/>
- ◆ An English poem was featured in the August edition of *Indian Periodical* (August 2020)
- ◆ <https://www.athmaonline.in/peythirangumbol-chandana-s-anand/>
- ◆ A Malayalam poem published in April edition of Athma Online (April 2020)
- ◆ Published a poem in the online anthology. "Writers Assemble: lockdown edition" (July 2020)
- ◆ Featured artist of the week in story arc Instagram page (May 2020)
- ◆ Live dance performance on SFI CEC official page (May 2020)



കേന്ദ്ര സർവകലാശാലയ്ക്ക് പുതിയ കെട്ടിടം ഒരുങ്ങുന്നു

പുല്ലിക്കിഴി: കേന്ദ്രസർവകലാശാലയുടെ തിരുവല്ലയിൽ അന്യവെച്ചു കിട്ടിയ നിയമ ഉപരി പഠന ശേഷണ ക്യാമ്പസിൽ പുല്ലിക്കിഴിയിൽ കെട്ടിടം ഒരുങ്ങുന്നു. 2014 മാർച്ച് മാസം സർക്കാർ നിയമം അനുസരിച്ചായി തിരുവല്ല റെയ്റ്റ് ഓഫീസിൽ സമീപത്തുള്ള കെട്ടിടത്തിൽ അൽക്കാലികമായി ഈ ക്യാമ്പസ് പ്രവർത്തനമാരംഭിച്ചത്.

ഓരോരോറ്റംകെ നടക്കുന്ന പ്രവേശന പരീക്ഷയിൽ വിജയിക്കുന്ന നിയമ ബിരുദവാഹികൾക്ക് രണ്ടാലോ നിയമം, ക്രിമിനൽ നിയമം എന്നീ വിഷയങ്ങളിൽ ബിരുദാനന്തര ബിരുദവും അതിനുപുറമെ നിയമ ശേഷണത്തിനും ഉള്ള സൗകര്യങ്ങൾ ഒരുക്കുക എന്നുള്ള ഉദ്ദേശത്തിൽ രൂപകരിച്ച ഈ കേന്ദ്ര സർക്കാർ സ്ഥാപനം ഇക്കഴിഞ്ഞ ആറു വർഷങ്ങൾ കൊണ്ട് അഭ്യുപഗൃഹമായ വളർച്ചയാണ് കൈവരിച്ചിട്ടുള്ളത്.

ഓരോരോറ്റംകെ നടക്കുന്ന പ്രവേശന പരീക്ഷയിൽ വിജയിക്കുന്ന നിയമ ബിരുദവാഹികൾക്ക് രണ്ടാലോ നിയമം, ക്രിമിനൽ നിയമം എന്നീ വിഷയങ്ങളിൽ ബിരുദാനന്തര ബിരുദവും അതിനുപുറമെ നിയമ ശേഷണത്തിനും ഉള്ള സൗകര്യങ്ങൾ ഒരുക്കുക എന്നുള്ള ഉദ്ദേശത്തിൽ രൂപകരിച്ച ഈ കേന്ദ്ര സർക്കാർ സ്ഥാപനം ഇക്കഴിഞ്ഞ ആറു വർഷങ്ങൾ കൊണ്ട് അഭ്യുപഗൃഹമായ വളർച്ചയാണ് കൈവരിച്ചിട്ടുള്ളത്.

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ഓരോരോറ്റംകെ നടക്കുന്ന പ്രവേശന പരീക്ഷയിൽ വിജയിക്കുന്ന നിയമ ബിരുദവാഹികൾക്ക് രണ്ടാലോ നിയമം, ക്രിമിനൽ നിയമം എന്നീ വിഷയങ്ങളിൽ ബിരുദാനന്തര ബിരുദവും അതിനുപുറമെ നിയമ ശേഷണത്തിനും ഉള്ള സൗകര്യങ്ങൾ ഒരുക്കുക എന്നുള്ള ഉദ്ദേശത്തിൽ രൂപകരിച്ച ഈ കേന്ദ്ര സർക്കാർ സ്ഥാപനം ഇക്കഴിഞ്ഞ ആറു വർഷങ്ങൾ കൊണ്ട് അഭ്യുപഗൃഹമായ വളർച്ചയാണ് കൈവരിച്ചിട്ടുള്ളത്.

ഓരോരോറ്റംകെ നടക്കുന്ന പ്രവേശന പരീക്ഷയിൽ വിജയിക്കുന്ന നിയമ ബിരുദവാഹികൾക്ക് രണ്ടാലോ നിയമം, ക്രിമിനൽ നിയമം എന്നീ വിഷയങ്ങളിൽ ബിരുദാനന്തര ബിരുദവും അതിനുപുറമെ നിയമ ശേഷണത്തിനും ഉള്ള സൗകര്യങ്ങൾ ഒരുക്കുക എന്നുള്ള ഉദ്ദേശത്തിൽ രൂപകരിച്ച ഈ കേന്ദ്ര സർക്കാർ സ്ഥാപനം ഇക്കഴിഞ്ഞ ആറു വർഷങ്ങൾ കൊണ്ട് അഭ്യുപഗൃഹമായ വളർച്ചയാണ് കൈവരിച്ചിട്ടുള്ളത്.

ഓരോരോറ്റംകെ നടക്കുന്ന പ്രവേശന പരീക്ഷയിൽ വിജയിക്കുന്ന നിയമ ബിരുദവാഹികൾക്ക് രണ്ടാലോ നിയമം, ക്രിമിനൽ നിയമം എന്നീ വിഷയങ്ങളിൽ ബിരുദാനന്തര ബിരുദവും അതിനുപുറമെ നിയമ ശേഷണത്തിനും ഉള്ള സൗകര്യങ്ങൾ ഒരുക്കുക എന്നുള്ള ഉദ്ദേശത്തിൽ രൂപകരിച്ച ഈ കേന്ദ്ര സർക്കാർ സ്ഥാപനം ഇക്കഴിഞ്ഞ ആറു വർഷങ്ങൾ കൊണ്ട് അഭ്യുപഗൃഹമായ വളർച്ചയാണ് കൈവരിച്ചിട്ടുള്ളത്.

Department of Zoology

- ◆ Organized international webinar series on 'Food, Chemicals and Nanomaterials Toxicity' by Sree Chitra Tirunal Institute for Medical Sciences and Technology (SCTIMST), Trivandrum, Central University of Kerala, Kasaragod in association with the Kerala Academy of Sciences. The three day International Webinar series held from 26th to 28th November 2020 started with the inaugural function presided over by Prof. H Venkateshwarlu, Honb'le Vice-Chancellor, CUK. Prof. K. Jayakumar, Director of SCTIMST, inaugurated the webinar series. Organizing secretary Dr. P V Mohanan, Scientist G & Head of Toxicology Division, SCTIMST welcomed the gathering. Prof. G. M. Nair, President of Kerala Academy of Sciences, delivered a short introduction to the webinar. Dr. P.R Harikrishna Varma, Head of the Biomedical Technology Wing, SCTIMST and Prof. D. Govinda Rao, Dean of CUK offered greetings. Prof. Sudha. K, organizing secretary, proposed the vote of thanks. Prof. Jennifer L. Freeman (Purdue University, USA), Prof. Oomman K. Varghese (University of Houston, USA), Prof. Bikash Medhi (Postgraduate Institute of Medical Education & Research, Chandigarh), Prof. Raphael Schneider (University of Lorraine, France), Dr. Irina Savina (University of Brighton, UK), Prof. Sakthi Kumar D (Bio-Nano Electronics Research Center, Toyo University, Japan), Dr. Neetu Singh (Indian Institute of Technology, New Delhi), Dr. Debasmita P (National Institute of Science Education and Research, Odisha), Dr. Annalisa Tirella (The University of Manchester, UK), Dr. Pratima Solanki (Jawaharlal Nehru University, New Delhi), Prof. Shyam S Sharma (National Institute of Pharmaceutical Education and Research, Mohali) and Prof. Prathap Kumar Shetty H (Pondicherry University) were the resource persons. The closing ceremony of the webinar series was inaugurated by Prof. Suresh Das, Former Director, NIIST, Emeritus Professor. Prof. Sudha K, Head, Department of Zoology, CUK gave the welcome address. Prof. G M Nair, President of Kerala Academy of Sciences and Dr. P R Harikrishna Varma, Head of the Biomedical Technology Wing, SCTIMST addressed the gathering. Dr. P V Mohanan, Scientist G & Head of Toxicology Division, SCTIMST, proposed vote of thanks.
 - ◆ Parents Teachers Association Virtual meeting was held on 9th November 2020 through Google Meet. Dr. H P Gurushankara, PTA Coordinator, delivered the welcome speech. Prof. Sudha Kappalli, Head, in her presidential address, explained the importance of parents' teachers' association and briefed the parents on the proposed NAAC visit and the academic progress of the students. Dr. P A Sinu, Assistant Professor, Dr. Ramachandran K, Assistant Professor and Dr. L. Divya, Assistant Professor, spoke on the occasion. Members of the PTA have nominated PTA members for the General Body meeting of the PTA of CUK. Mr. A. Gopalakrishnan (Abhiram Krishnan's father) and Mr. Raghu P K (Ashwini Raghu's father) accepted their nomination and expressed their gratitude to all the PTA members.
- ### Faculty achievements
- ◆ Dr. Sudha K, as a Convener Editorial Core Committee, played a commendable role to prepare as well as to edit the souvenir entitled CU Kerala-Scripting a Golden Era of Progress-2014-2020.
 - ◆ A project meet was held for the Indo-Japan bilateral collaborative project, jointly approved by the Department of Science and Technology (DST) and the Japan Society for the promotion of Science (JSPS), sanctioned to Prof. Sudha Kappalli. The interaction was among the research team members with Prof. Sudha Kappalli, Principal Investigator from India and Dr. Gyo Itani from Kochi University Japan, the Principal Investigator from Japan.
 - ◆ Dr. Sinu delivered the inaugural address at the PSGR Krishnammal College for Women's (Coimbatore) Naturalist Association activities.
 - ◆ Dr. Sinu delivered a talk at Sri Krishna Arts and Science College's (Coimbatore) celebration in the occasion of International Honey Bee day.



- ◆ Dr. Sinu delivered a talk in the Indian Pollinator Initiative organized jointly by NCBS-Bangalore, IISER-Trivandrum, Calcutta University-Kolkata.
- ◆ Dr. H P Gurushankara delivered a webinar talk on History of pandemics: Lessons and Future Perspectives at SVS College, Bantwala, Karnataka.
- ◆ Dr. Ramachandran Kotharambath has received the Amphibian Ark (IUCN/SSC Amphibian Specialist Group) Conservation Grant 2020.

Publications

- ◆ Nizar T. S., Raveendran M., Parambil S. C. & Kappalli, S. (2020). The occurrence of parasitic copepods and isopods infesting the marine teleost fishes of Kerala coast, India. *Journal of Parasitic Diseases*, 1-11. doi.org/10.1007/s12639-020-01268-8.
- ◆ Aneesh Panakkool Thamban, Sudha Kappalli, 2020. Protandrous hermaphroditic reproductive system in the adult phases of *Mothocya renardi* (Bleeker, 1857) (Cymothoidae: Isopoda: Crustacea) Light and electron microscopy study. *Zoological Studies* (accepted for publication in principle).
- ◆ Sinu P. A., Unni A., Jose, T. (2020) Biotic Seed Dispersal Mechanisms of Tropical Rain Forests Bats, Fishes, and Migratory Birds. pp 299-334. In *Reproductive Ecology of Flowering Plants*, Published by Springer-Singapore (Ed. By Rajesh Tandon, K.R. Shivanna, Monica Koul)
- ◆ Hariraveendra M, Rajesh T.P., Unni A., Sinu P.A. (2020) Preypredator interaction suggests sacred groves are not functionally different from neighbouring used land. *Journal of Tropical Ecology* DOI: <https://doi.org/10.1017/S0266467420000140>

Student Achievements

- ◆ Sangeetha Varma and Roshnath R (Ph.D students, Dr. P A Sinu) submitted their Ph.D. dissertation.
- ◆ Prabitha Mohan (Ph.D. graduate, Dr. P A Sinu) joined Zoological Survey of India, Chennai as a Postdoctoral Fellow.
- ◆ Ms. Amrutha Vani S, Ms. Nikhila Reshmi M V, Ms. Aishwarya Nath and Mr. Varun Jolly completed three day online training course on Real Time PCR based Gene Expression and Pathogen Detection organized by Amazing Biotech Pvt. Ltd, a DSIR Research lab.
- ◆ Ms. Amrutha Vani S, Ms. Aishwarya Nath and Mr.

Varun Jolly participated in the four day online workshop on Mass spectrometry in Proteomics organized by Amazing Biotech Pvt. Ltd, a DSIR Research lab.

- ◆ Ms. Amrutha Vani S, Ms. Aishwarya Nath and Mr. Varun Jolly completed one week Faculty Development Programme on Statistical Analysis using SPSS under the scheme Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) sponsored by MHRD, Gol, organized by Centre for Special and movement Education, School of Education (SoE), Manomaniam Sundaranar university, Tirunelveli, Tamil Nadu.
- ◆ Ms. Amrutha Vani S and Mr. Varun Jolly participated in User Awareness session on Integrating Scopus in research workflow organized by University Library, CUK in collaboration with Scopus.
- ◆ Ms. Gopika S and G Adhithya Subramanian M.Sc. Zoology 3rd semester students completed CSIR-Summer Research Training Program 2020 during June-August 2020.

Publications

- ◆ Jose Priya T A & Sudha K (2020). Molecular remedies against *Cryptocaryon irritans* Brown, 1951 Practical difficulties. *Aquaculture Research* (Accepted for publication). doi.org/10.1111/are.14751.
- ◆ Rijin K, Amruthavani S, Reshmi M V, Drisya O K & Kappalli S (2020). Copepod (Crustacea) infection on Oil sardine, *Sardinella longiceps* Valenciennes, 1847 (Actinopterygii; Clupeidae)-First report. *Indian Journal of Geo Marine Sciences*, 49 (05), 911-914.
- ◆ Rajesh T P, Prashanth Ballullaya U, Unni A, Surendran P, Sinu P A (2020) Interactive effects of urbanization and year on invasive and native ant diversity of sacred groves of South India. *Urban Ecosystems* <https://doi.org/10.1007/s11252-020-01007-0>.

Student Achievements

- ◆ Ms. Amruthavani S, Ms. Nikhila Reshmi M V, Ms. Aishwarya Nath, Mr. Varun Jolly, Ms. Sreya Ashokan and Ms. Charutha K. have completed five day online workshop on Gel based Proteomics organized by Amazing Biotech Pvt. Ltd., a DSIR Research lab.

ഉയരെ പറക്കാൻ അറിവിന്റെ കേന്ദ്രം

കേന്ദ്രസർവകലാശാലയിൽ പണിയുന്ന എട്ട് ഹോസ്റ്റലുകളും ജലസംഭരണിയുമുൾപ്പെടെ 13 കെട്ടിടങ്ങൾ
175 കോടി രൂപയുടെ ഒന്നാംഘട്ട പദ്ധതി

സായുജ് സഞ്ജീവൻ പെരിയ

വികസനവഴിയിൽ പെരിയ കൂട്ടിക്കുവോം അതിന് ചുക്കാൻ പിടിക്കുന്നത് കേന്ദ്രസർവകലാശാലയാണ് നിസ്സംശയം പറയാം. പെരിയയിലും സർവ്വപ്രദേശങ്ങളിലും ഈ അടുത്തകാലത്തായുണ്ടായിട്ടുള്ള വികസനപ്രവൃത്തികളെല്ലാം സർവകലാശാലയുമായി ഏതെങ്കിലും തരത്തിൽ ബന്ധപ്പെട്ടുള്ളതാണ്. കേന്ദ്രസർവകലാശാല അതിന്റെ വികസനപ്രവൃത്തികളുടെ മറ്റൊരു ഘട്ടത്തിലേക്ക് കടക്കുകയാണ്.

പുതുതായി എട്ട് ഹോസ്റ്റലുകൾ, ജലസംഭരണി, ഗസ്റ്റ് ഹൗസ്, ക്യാട്ടേഴ്സ്, അഡ്മിൻ ബ്ലോക്ക്, ലൈബ്രറി, ഫെൽത്ത് സെന്റർ എന്നിവയാണ് സർവകലാശാലയിൽ പണിയുന്നത്. മൊത്തം 175 കോടിയാളം രൂപയുടെ പദ്ധതികളാണ് ഒന്നാംഘട്ട വികസന പരിപാടികളിൽ ഉൾപ്പെട്ടിരിക്കുന്നത്. കേന്ദ്ര ഉന്നത വിദ്യാഭ്യാസ ഫണ്ടിന്റെ ഏജൻസി 130 കോടിയും കേന്ദ്ര ന്യൂനപക്ഷകാര്യ മന്ത്രാലയം 39.5 കോടിയും കേന്ദ്ര സാമൂഹ്യ നീതി വകുപ്പ് അഞ്ചുകോടിയും 2019-ൽ തന്നെ ഇതിനായി നൽകിയിട്ടുണ്ട്. കോവിഡ് മൂലം മാർച്ച് മുതൽ ജൂലായ് അവസാനം വരെ ജോലികൾ നിർത്തിവെച്ചിരുന്നു.

ഹോസ്റ്റലുകൾ

- ചെലവ് 90 കോടി
- പുതുതായി പണിയുന്നത് എട്ട് ഹോസ്റ്റലുകൾ, നാലെണ്ണത്തിന്റെ പണി ആരംഭിച്ചു
- പെൺകുട്ടികൾക്കായി മൂന്നെണ്ണം - ഒന്നിൽ 100 പേർക്കും രണ്ടെണ്ണത്തിൽ 200



കേന്ദ്രസർവകലാശാലയിൽ പണി പൂർത്തിയാകുന്ന ജലസംഭരണി

- പേർക്കും താമസിക്കാനും ആൺകുട്ടികൾക്കായി നാലെണ്ണം - 100 പേർക്കും 200 പേർക്കും താമസിക്കാവുന്ന രണ്ടെണ്ണം വീതം
- 600 പേർക്ക് ഇറുന്ന് ഭക്ഷണം കഴിക്കാവുന്ന അടുക്കളയും ഉച്ചഭക്ഷണമടങ്ങുന്ന രണ്ട് കെട്ടിടങ്ങൾകൂടി പണിയും
- രണ്ട് ഹോസ്റ്റലുകളുടെ പണി ജൂണിൽ കഴിയും, ബാക്കിയുള്ളവ 2022-ൽ പൂർത്തിയാക്കും
- നിലവിൽ സർവകലാശാലയിൽ പെൺകുട്ടികൾക്കായി മൂന്നും ആൺകുട്ടികൾക്കായി രണ്ടും ഹോസ്റ്റലുകളാണുള്ളത്.

ജലസംഭരണി

- ചെലവ് 3.87 കോടി
- 10 ലക്ഷം ലിറ്റർ സംഭരണ

- ശേഷി
- മൈനെ എ.എ.ടി.യുടെ രൂപകൽപ്പന
- മൂന്നാംകടവ് പൂഴയിൽനിന്ന് പൈപ്പുവഴി എത്തിക്കുന്ന ജലം ശുചീകരിച്ച് സംഭരണിയിലെത്തിക്കും
- ഡിസംബറിലെ പരീക്ഷണ പ്രവർത്തിപ്പിക്കലിന് ശേഷം ഫെബ്രുവരിയിൽ പ്രവർത്തനമാരംഭിക്കും
- ജനുവരി സംഭരണശേഷിയുള്ള ചെറിയ ജലസംഭരണിയിൽ സർവകലാശാലയിലെ ശുചീകരിച്ച ജലവും മഴവെള്ളവും സംഭരിച്ച് ശുചീകരിച്ച് കൃഷിയിടങ്ങളിലും പൂന്തോട്ടങ്ങളിലും ഉപയോഗിക്കും

ഗസ്റ്റ് ഹൗസ്

- ചെലവ് 10 കോടി
- രണ്ട് നിലയിൽ ശീതീകരിച്ച 24 മുറികളും രണ്ട് ഡോർ മെറ്റിയും മീറ്റിംഗ്-ഡൈനിംഗ് ഹാളുകളും അടുക്കളയുമുണ്ടാകും
- സർവകലാശാലയിലെത്തുന്ന അതിഥികളെയും ഗവേഷകരെയും താമസിപ്പിക്കും
- 2021 ജനുവരിയിൽ പണി പൂർത്തിയാക്കും

ക്യാട്ടേഴ്സ്

- ചെലവ് 24 കോടി
- അഞ്ചുനിലയുള്ള രണ്ട് കെട്ടിടങ്ങൾ, ഒരു നിലയിൽ നാല്

- പുസ്തക സഭാശാല 20 എണ്ണം
- 20 അസംബലിയേറ്റ് പ്രൊഫസർമാരെയും 20 അസിസ്റ്റന്റ് പ്രൊഫസർമാരെയും താമസിപ്പിക്കും
- 2022-ൽ പണി പൂർത്തിയാക്കും

അഡ്മിൻ ബ്ലോക്ക്

- ചെലവ് 37 കോടി
- മുഴുവനായും ശീതീകരിച്ച മൂന്ന് നിലകൾ
- വി.സി. ഓഫീസ്, അഡ്മിനിസ്ട്രേഷൻ, ഫിനാൻസ്, പരീക്ഷ, എൻജിനീയറിംഗ്, ഐ.ടി. തുടങ്ങിയ പ്രധാന വിഭാഗങ്ങൾ ഇവിടെ പ്രവർത്തിക്കും
- 2022-ൽ പണി പൂർത്തിയാക്കും

ലൈബ്രറി

- ചെലവ് 10 കോടി
- മുഴുവനായും ശീതീകരിച്ച രണ്ട് നിലകൾ
- വായന, ഗവേഷണം എന്നിവയ്ക്കായി പ്രത്യേകയിടം
- 300 പേർക്ക് ഇരിക്കാവുന്ന മിനി മീറ്റിംഗ് ഹാൾ
- 2022 ആദ്യം പണി പൂർത്തിയാക്കും

ആരോഗ്യകേന്ദ്രം

- ചെലവ് 1.60 കോടി
- നാല് ട്രെയിനിംഗ് റൂമുകൾ, രണ്ട് പരിശോധനാ മുറി, ഒരു മെഡിസിൻ മുറി,

- ഒരു ലാബ്, ഒരു ഐസൊലേഷൻ മുറി എന്നിവയുണ്ടാകും
- സർവകലാശാലയിലെ അധ്യാപകർക്കും വിദ്യാർത്ഥികൾക്കുമായിരിക്കും പരിശോധന
- 2021-ൽ പണി പൂർത്തിയാക്കും

രണ്ടാംഘട്ട വികസന പദ്ധതികൾ അണിയറയിൽ

ഒന്നാംഘട്ട വികസന പദ്ധതികൾ പാതിയെത്തുമ്പോഴേക്കും 143 കോടിയുടെ രണ്ടാംഘട്ട വികസന പദ്ധതികൾ സർവകലാശാല കേന്ദ്രസർക്കാരിന് സമർപ്പിച്ചുകഴിഞ്ഞു. കേന്ദ്ര മാനവ വിഭവശേഷി വകുപ്പ് മന്ത്രി രമേഷ് പൊക്രിയാൽ പദ്ധതികൾക്ക് അനുവാദവും നൽകിയിട്ടുണ്ട്.

രണ്ടാംഘട്ടത്തിൽ ഇവ

- പുതിയ അക്കാദമിക് ബ്ലോക്കുകൾ
- 700 പേർക്ക് ഇരിക്കാവുന്ന ഹാൾ
- ഹോസ്റ്റൽ
- പൊതു ലബോറട്ടറി
- ഓക്സാവിഷയങ്ങൾക്ക് പൊതു കെട്ടിടം
- പ്ലാൻറ്-അനിമൽ ഹൗസുകൾ
- വി.സി., രജിസ്ട്രാർ, പ്രോ-വി.സി., പരീക്ഷാ കൺട്രോളർ, ഫിനാൻസ് ഓഫീസർ എന്നിവർക്കുള്ള ക്യാട്ടേഴ്സ്



ഹോസ്റ്റൽ

ലക്ഷ്യം മികച്ച പ്രകടനം

കേന്ദ്രസർവകലാശാല രണ്ടാം നാക്ക് (എൻ.എ.എ.സി.) ടീമിന്റെ സന്ദർശനത്തിനുവേണ്ടി ഒരുങ്ങുകയാണ്. പുതുതായി നിർമ്മിക്കുന്ന കെട്ടിടങ്ങളും അനുബന്ധ സൗകര്യങ്ങളും നാക്കിൽ സർവകലാശാലയ്ക്ക് മികച്ച പ്രകടനം കാഴ്ചവയ്ക്കാൻ കഴിയുമെന്നാണ് പ്രതീക്ഷ

പ്രൊഫ. എച്ച്. വെങ്കടേശ്വരയ്യ, റെവന്യൂ മാനസലർ, കേന്ദ്രസർവകലാശാല

കൃത്യസമയത്ത് പൂർത്തിയാക്കും

എല്ലാ ജോലികളും കൃത്യസമയത്ത് തന്നെ പൂർത്തിയാക്കും. കോവിഡ് മൂലം ജോലിക്കാരുടെ എണ്ണത്തിൽ പ്രതിസന്ധിയുണ്ടുണ്ട്. പക്ഷേ, വൈകാതെ തന്നെ ആ കാര്യത്തിലും പരിഹാരം കാണും.

കെ.ജി. രാജഗോപാൽ

സർവകലാശാല എക്സിക്യൂട്ടീവ് എൻജിനീയർ



Department of Social Work

Paper Published

- ◆ Raneesh C., & Mohan, A.K. (2020). "Modernisation of Childcare Workforce in India: A Way to Deinstitutionalisation.", Institutionalised Children Explorations and Beyond, 7(2) 159–169.
- ◆ Amin, P., & Mohan, A.K., (2020). "Knowledge of Indigenous healers on mental health problems.", Journal of Critical Reviews, 7(14), 2403-2409
- ◆ Choolayil, A. C. & Putran, L. (2020). Ageism among Undergraduate Students: Do Grandparents make a Difference. Indian Journal of Gerontology. 34(3), 333–342.
- ◆ Choolayil, A. C. & Putran, L. (2020). COVID, the Local and the Global: Lessons from Kerala. South Asia Research. 41(1), 7-21. doi.10.1177/026272802096
- ◆ Aneesh M. S. & John Jilly. (2020). A Reason to Rejoice – The Empowerment of Transgender Women in Kerala, IASSI Quarterly: Contributions to Indian Social Science, ISSN No. 0970-9061, Oct-Dec 2020, Vol. 39, No. 4, 665-683.
- ◆ John Jilly., Rifa & Aneesh M.S (2020). Knowledge of Tribes on Psychosocial Problems among Tribal Communities in Kerala, International Journal of Advanced Research and Review, ISSN NO: 2455-7277, 5(10), 2020; 66-76.
- ◆ John Jilly (2020). Public Private Community Partnership in Prevention and Management of Substance Abuse. Walnut Publication, ISBN No: 9789390261482.
- ◆ Akhila, K.P., & John, Jilly. (2020). "An Overview of Alcohol and Drug Abuse in Sexual Crimes against Girls", in John Jilly (Ed.), Public Private Community Partnership in Prevention and Management of Substance Abuse. Walnut Publication, Bhubaneswar 2020, ISBN No: 9789390261482
- ◆ Visakh Visawambaran and Dr. Dilip Diwakar G 'Introducing Privilege & Oppression in Classrooms', Journal of Indian Education (Care List), Accepted for August-Dec, 2020 Issues.

Resource Person

- ◆ Dr. Mohan A K Participated as resource person in Human Rights and Probation webinar on 10th Dec. 2020 through online and given special remark on the topic organised by District Probation office, Kasaragod.
- ◆ Dr. Mohan A K Participated as resource person in 15th Refresher course in Human Rights (online) on 31st Oct. 2020 and engaged session on Right to Education and Social Development at UGC HRDC, University of Mysore.
- ◆ Dr. Mohan A K delivered keynote address on the occasion of World Mental Health Day 2020 in the Change Makers Talk Show at Mysore on 10th Oct. 2020.
- ◆ Dr. Lakshmi acted as resource person in the webinar on Challenges Faced by Women in Present Society and Solutions organized by ICDS Manjeswar, Department of Women and Child Development, Kasaragod on 25th Nov. 2020
- ◆ Dr. Lakshmi acted as resource person on School of Social Work for the school counsellors of Kasaragod district organized by Dr. A P J Abdul Kalam Centre for Extension Services, CUK on 2nd Dec. 2020.
- ◆ Dr. Dilip Diwakar G Participated as resource person and presented on the topic Qualitative Data Analysis on 16th Oct. 2020 for the STTP Mixed Methods in Social Science Research: A Statistical Package Approach-2 under the AICTE Quality Improvement Scheme, conducted online by SCMS Cochin School of Business, Kerala from 12th to 17th Oct. 2020.
- ◆ Dr. Jilly John delivered an invited lecture on Gender Sensitivity at Work Place in the Vigilance Awareness Week Observation special online programme organized by National Statistical Office, Thiruvananthapuram (Field Operation Division), Ministry of Statistics and Programme Implementation, Govt. of India from 2nd to 6th Nov. 2020.
- ◆ Dr. Jilly John delivered an invited lecture on the topic Impact of Disaster on Mental Health in the five day special online training on Disaster Education 2020 for National Service Scheme Programme Officers of Kerala Schools sponsored by the PMMMNMTT, Ministry of Education, Govt. of India organized by National Service Scheme Cell, CUK from 19th to 23rd Oct. 2020.
- ◆ Dr. Jilly John participated in a webinar on Mental Health

in COVID 19 Era: Public Health Perspective on 13th Oct. 2020, organized by IIHMR University, Jaipur.

- ◆ Dr. Jilly John participated in a webinar on Women in Conflict and Peace Building of the international webinar series organized by the Centre for Women's Studies in collaboration with the E Sreedharan Centre for Life Skills Education on 16th Dec. 2020.

Paper Presentation

- ◆ Choolayil, A. C., & Putran, L. (2020). A Multinational Study on Stress, Burnout and Resilience among Health Care Professionals Working with COVID-19 Patients at the International Conference at KAPS Annual Chapter. KAPS Kerala. (Virtual).

Library

- ◆ University Library offered an individual username and password to the students and faculty members to access e-resources. Based on the request from the students and faculty members articles which are not accusable were downloaded and sent to the concerned user by e mail. The Library is regularly updating the new arrivals of books and journals issues to the students and faculty members. The Library has given facility to the students and faculty members to renew books through e-mail and WhatsApp. Plagiarism checking of Ph.D thesis, Dissertation and Research articles and analysis report have been sent to the users concerned. The Library has organized 11 Webinars on 'easy access of library resources'.

The following webinars were conducted by the library during the Covid 19 lockdown period for the students and faculty members.

- ◆ IEEE Xplore Digital Library Online Training Programme on 16th June 2020.
- ◆ Effective utilization of J-Gate @ E-ShodhSindhu on 7th Aug. 2020.
- ◆ Indian Citation Index for Research on 19th Aug. 2020.
- ◆ An online workshop on Boosting research productivity using RAX on 21st Aug. 2020
- ◆ Webinar on Web of Science Access on 15th Sept. 2020.
- ◆ User Awareness Session on "Integrating Scopus in Research workflow." on 24th Sept. 2020.
- ◆ An online Workshop on Grammarly Training on 30th Sept. 2020.

- ◆ Dr. Dilip Diwakar G, Presented Paper on "Digital Divide in the Knowledge Accumulation during Covid-19 Pandemic in India" at 3rd WCCES Symposium (Virtual Presentation)-Teachers, Teaching Profession, and Comparative Education: Fostering Values Education and Engaging Academic Freedom held on 25th to 27th Nov. 2020, convened by 1st International Conference of Mondial Association for Peace by Comparative Education (MAPE), 6th International Conference of Indian Ocean Comparative Education Society (IOCES), 3rd Conference of Portuguese Society of Education Sciences - Section of Comparative Education (SPCE SEC).

- ◆ An online Webinar on Check – For Plag: Anti Plagiarism software on 20th Oct. 2020.
- ◆ Webinar on SciFinder-n on 6th Nov. 2020.
- ◆ Webinar on Oxford eBooks on 9 Dec. 2020.
- ◆ Webinar on IEEE Xplore Digital Library Training on 29th Dec. 2020.

Invited Lectures

- ◆ Dr. P Senthilkumaran, Deputy Librarian has acted as a resource person for the webinar organized by the Library Professional Association, New Delhi on 27th June 2020 on Online Teaching: Electronic Resources Access and Services in Academic Libraries.
- ◆ Dr. P Senthilkumaran has acted as a resource person for Refresher Course in Library and Information Science (online) organized by the UGC HRDC, University of Mysore on 7th Dec. 2021 and delivered a talk on Electronic Information Resources and Green Libraries.

Awards

- ◆ Dr. P Senthilkumaran received the Golden Aim Most Dynamic Librarian Award from the Dynergic Business Solution, Mumbai, on 20th Oct. 2020.
- ◆ Dr. P Senthilkumaran received the Best Librarian Award for excellence in recognition of his outstanding contributions to the Library and Information profession. This award was presented by the Indian Academic Researchers Association (IARA) on 26th Dec. 2020.

Department of Tourism Studies

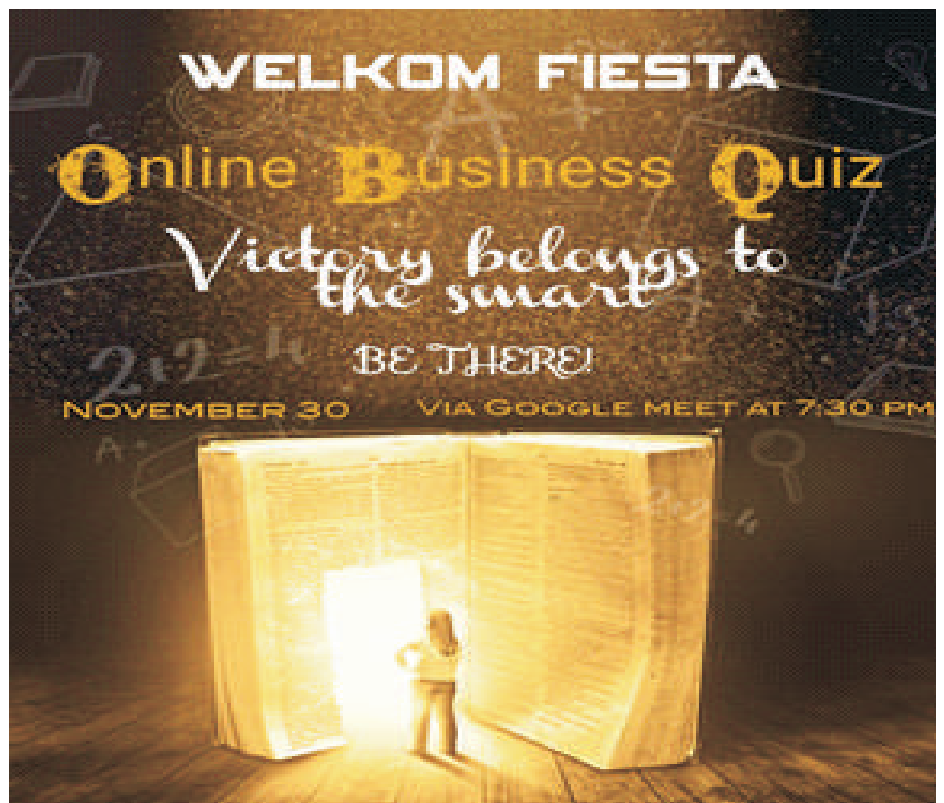
- ◆ Organised Parent Teachers Meeting. All the parents of second year students participated in the programme. Sri. Pavithran M (Parent of Ms. Anjali M) and Smt. Mariamma C V (Parent of Ms. Unnimaya M Y) nominated to the University level PTA committee.
- ◆ Organised a meeting in connection to address various students issues like class schedules, Audit Courses and restarting of offline classes. Dean & Head of the Department Prof. V Balachandran and faculty members of the department Mr. Nagaraja Sharma U, Mr. Mohammed Ashraf B A and Ms. Dannya sadhanandan interacted with the students.
- ◆ Invited Talk was organised for the students of III semester MBA on the topic 'Air transport and Tourism, the changing paradigms' by Dr. Dileep M R (Vice Principal Pazhassiraja College Pulpally, Wayanad) on Google Meet platform.
- ◆ Induction programme for the students of First Year MBA Tourism and Travel Management was organized. Prof. V Balachandran, Dean of School of Business Studies & Head of the Department has inaugurated the function.
- ◆ Department has initiated its placement cell activities for the year 2021. Smt. Dannya Sadhanandan is nominated as the faculty in charge of the placement

cell.

- ◆ Three more guest faculty members- Mr. Unnikrishnan, Ms Reshma Sandeep Kumar Dey and Ms Aida Augustine have joined the Department.

Faculty Achievements:

- ◆ Ms. Dannya Sadhanandan published a research paper on 'Global Tourism in COVID-19 Scenario: Challenges and Way Forward' in Journal of Emerging Technologies and Innovative Research.
- ◆ Mr. Mohammed Ashraf B A published a research paper on 'Changing Paradigms of Travel Motivations Post Covid-19' in International Journal of Management (SCOPUS Indexed Journal).
- ◆ Mr. Mohammed Ashraf B A presented a paper on 'Destination Development through Community Based Tourism –A Rural Tourism Model' in an international virtual conference named *Asian Tourism Research Conference 2020* from 1st to 3rd Dec 2020 hosted by Mahatma Gandhi University, Kottayam, Kerala.
- ◆ Mr. Mohammed Ashraf B A presented a paper on 'Changing Behaviour of Tourist Post COVID-19' in an international virtual conference- *Asian Tourism Research Conference 2020* hosted by Mahatma Gandhi University, Kerala.



Department of English and Comparative Literature

Books and articles published

- ◆ Joseph Koyippally translated *The Devil's Mountain*, Notion Press, California (9781648996351)
- ◆ Vellikkeel Raghavan co-authored With Vanisree V. R. "Jagavati Kummumo" a translation of a Tulu Oral Song in *Indian Literature* LXIV:3. (0019580-4)

Extension activities

- ◆ Dr. Joseph Koyippally acted as VC's nominee, Selection Panel for Assistant Professors in English at Kerala University during 28-31 Dec. 2020 and on 28th Nov. 2020; was nominated Member, BoS at Rajagiri CET (Autonomous), MG University on 9th Dec. 2020; and adjudicated Ph.D theses at Calicut University on 18th June 2020; 21st July 2020 and 13th Aug. 2020.

Talks and lectures

- ◆ Dr. Eftthikar Ahamad gave talks on Effective Communication at the National Webinar at SNG College of Engg. and Technology, Payyanur on 11th July 2020; Post Truth and the Language Question at the Refresher Course for University/ College Teachers at HRDC UGC, University of Calicut on 16th Oct. 2020; and The Poetics and Poetry of Louise Gluck at the Fishing in Long Island - The Poetics and Poetry of Louise Gluck at Govt. Arts and Science College, Kondotty on 5th Nov. 2020
- ◆ Dr. Eftthikar Ahamed acted as one of the trainers for the Entrepreneurship Training conducted by the Government of Kerala for the selected Block Kudumbashree Members on 2nd Nov. 2020. The 5 Day Practical Training was organized by the Centre for Management and Development (CMD) at Kasaragod Block Panchayat Auditorium.
- ◆ Dr. Asha S gave talks on 'Confronting Stereotypes about Women: The Need to be Self -Reflexive' at Amity University, Noida on 20th July 2020; and 'Representing/Discoursing about the Woman: The

Question of Heterogeneity' at MAMO College, Mukkam on 23rd July 2020.

- ◆ Dr. Vellikkeel Raghavan gave the talks Third Cinema: Rejection, and the Political Praxis of Alternative Aesthetics at the UGC-HRDC Refresher Course in Languages, Literature and Cultural Studies at Dr. Babasaheb Resistance Ambedkar Marathwada University, Aurangabad on 9th Sept. 2020; and Gender in Cinema: Queer Films at the Invited Talk at Kristu Jayanti College, Bangalore on 14th Dec. 2020.
- ◆ Dr. Joseph Koyippally delivered talks on The Impact of NEP on UG English Language Teaching at the International Seminar *Language Teaching and Learning in ESL/EFL Settings*: at Linguistics Department, Kerala University on 20th Sept. 2020; Shakespeare in India 3.0: What's Next? at the Public Lecture at Jindal University, New Delhi on 18th Oct. 2020; Translation Theory, Teaching and Tactics: *Goat Days* at the Seminar on Translation at Kerala University on 25th Nov 2020; Diaspora Literature: Redefining the Margins at the HRDC Lecture at Jamia Millia, New Delhi on 2nd Dec. 2020; Research Ethics and Publication at the 3 day workshop on Research Methodology at English Department, Central University of Kashmir on 10th Dec. 2020; and Shakespeare Across Cultures at the HRDC Lecture at HRDC, Calicut University on 19th Dec. 2020.

Programmes conducted

- ◆ Prof. Josy Joseph, (SB College, Changanacherry) gave a talk on Ideology and Althusser's Idea of Apparatus on 25th June 2020.
- ◆ Prof. S. Armstrong (University of Madras) gave an online lecture on Troubling /gender: Judith Butler on 20 July 2020.
- ◆ Prof. Abey Koshy (SSUS, Kalady) gave an online lecture on Deleuze: Passage to the Posthuman on 3rd Aug 2020.



Department of Public Health and Community Medicine

Students Publications

- ◆ Kurmi S., Mathews E., Kodali P. B., & Thankappan, K. R. (2020). Awareness of Stroke Warning Symptoms, Risk Factors, and Response to Acute Stroke in Biswanath District, Assam, India. *Journal of Stroke Medicine*, 2516608520962349.
- ◆ Lourde L. R., & Kodali P. B. (2020). Prevalence and risk factors of alcohol consumption behavior among late adolescents: Evidence from Puducherry, India. *Journal of Mental Health and Human Behaviour*, 25(2), 100.
- ◆ Govind R., Rajeev, J., & Bhatt A. N. (2020). Malnutrition among community dwelling older adults in a rural block area of South India. *Journal of Family Medicine and Primary Care*, 9(12), 5982.
- ◆ Reshma H., & Jayalakshmi R. (2020). Prevalence of acute pesticide poisoning among pesticide applicators in cardamom plantations: A cross-sectional study from Idukki District, Kerala. *Indian Journal of Occupational and Environmental Medicine*, 24(3), 188.
- ◆ Kodali P. B., Hense S., Kopparty, S., Kalapala G. R., & Haloi B. (2020). How Indians responded to the Arogya Setu app?. *Indian Journal of Public Health*, 64(6), 228.
- ◆ Joseph A., Mathews E., & Thankappan K. R. Why People use Private over Public Transportation? A Cross Sectional Study from Ernakulam District, Kerala.

Faculty Publications

- ◆ Thankappan K. R. (2020). Coronavirus disease 2019 and noncommunicable diseases: Lessons learned so far and implications for the future. *International Journal of Noncommunicable Diseases*, 5(4), 155.
- ◆ Roth G. A., Mensah G. A., Johnson C. O., Addolorato G., Ammirati E., Baddour L. M., & Fuster, V. (2020). GBD-NHLBI-JACC Global Burden of Cardiovascular Diseases Writing Group. Global burden of cardiovascular diseases and risk factors, 1990-2019: update from the GBD 2019 study. *J Am Coll Cardiol*, 76(25), 2982-3021.
- ◆ Bernotienė G., Dulskienė V., Klumbienė J., Kučienė R., Lukšienė D., Medžionienė J., & Vaitkevičiūtė J. (2020). Height and body-mass index trajectories of school-aged children and adolescents from 1985 to 2019 in 200 countries and territories: a pooled analysis of 2181 population-based studies with 65 million participants. *Lancet. London: Elsevier*, 2020, vol. 396, no. 10261.
- ◆ Olusanya B. O., Atef S., Kim, Y., Alcalde-Rabanal J. E., Akinyemiju T., Koyanagi A., & Tsatsakis, A. (2020). Global burden of 369 diseases and injuries in 204 countries and territories, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019.
- ◆ Collaborators G. B. D., & Ärnlöv J. (2020). Global age-sex-specific fertility, mortality, healthy life expectancy (HALE), and population estimates in 204 countries and territories, 1950–2019: a comprehensive demographic analysis for the Global Burden of Disease Study 2019. *The Lancet*, 396(10258), 1160-1203.
- ◆ Olusanya B. O., Atef S., Kim Y., Alcalde-Rabanal J. E., Akinyemiju T., Koyanagi A., & Tsatsakis A. (2020). Global burden of 369 diseases and injuries in 204 countries and territories, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019.
- ◆ Local Burden of Disease WaSH Collaborators. (2020). Mapping geographical inequalities in access to drinking water and sanitation facilities in low-income and middle-income countries, 2000–17. *The Lancet. Global health*, 8(9), e1162.
- ◆ Deshpande A., Miller-Petrie M. K., Lindstedt P. A., Baumann M. M., Johnson K. B., Blacker, B. F., & Darwish A. H. (2020). The global distribution of lymphatic filariasis, 2000–18: a geospatial analysis. *The Lancet Global Health*, 8(9), e1186-e1194.
- ◆ Kapoor N., Lotfaliany M., Sathish T., Thankappan K. R., Thomas N., Furler, J., & Tapp R. J. (2020). Prevalence of normal weight obesity and its associated cardio-metabolic risk factors—Results from the baseline data of the Kerala Diabetes Prevention Program (KDPP). *PLoS one*, 15(8), e0237974.
- ◆ Kapoor N., Lotfaliany M., Sathish, T., Thankappan K. R., Tapp R. J., Thomas N., & Oldenburg B. (2020). Effect of a peer-led lifestyle intervention on individuals with normal weight obesity: insights from the Kerala diabetes prevention program. *Clinical therapeutics*, 42(8), 1618-1624.

- ◆ Sathish T., Oldenburg B., Thankappan K. R., Absetz P., Shaw J. E., Tapp R. J., & Mahal A. (2020). Cost-effectiveness of a lifestyle intervention in high-risk individuals for diabetes in a low-and middle-income setting: Trial-based analysis of the Kerala Diabetes Prevention Program. *BMC medicine*, 18(1), 1-13.
 - ◆ Chockalingam A., Aggarwal A. N., Khurana D., Sinha D., Narain J. P., Thankappan K. R., & Jha V. (2020). World NCD Federation guidelines for prevention, surveillance and management of noncommunicable diseases at primary and secondary health-care for low resource settings.
 - ◆ Reiner Jr, R. C., Wiens K. E., Deshpande A., Baumann M. M., Lindstedt P. A., Blacker B. F., & Denova-Gutiérrez, E. (2020). Mapping geographical inequalities in childhood diarrhoeal morbidity and mortality in low-income and middle-income countries, 2000–17: analysis for the Global Burden of Disease Study 2017. *the lancet*, 395(10239), 1779-1801.
 - ◆ Behera, D. (2020). Tb Control In India In The Covid Era. *The Indian Journal of Tuberculosis*.
 - ◆ Mini G. K., Sarma P. S., Priya C., & Thankappan K. R. (2020). Control of hypertension among teachers in schools in Kerala (CHATS-K), India. *Indian Heart Journal*, 72(5), 416-420.
 - ◆ Wiens K. E., Lindstedt P. A., Blacker B. F., Johnson K. B., Baumann M. M., Schaeffer L. E., & Das J. K. (2020). Mapping geographical inequalities in oral rehydration therapy coverage in low-income and middle-income countries, 2000–17. *The Lancet Global Health*, 8(8), e1038-e1060.
 - ◆ Dandona R., Kumar G. A., Henry N. J., Joshua V., Ramji S., Gupta S. S., & Dandona, L. (2020). Subnational mapping of under-5 and neonatal mortality trends in India: the Global Burden of Disease Study 2000–17. *The Lancet*, 395(10237), 1640-1658.
 - ◆ NCD Risk Factor Collaboration. (2020). Repositioning of the global epicentre of non-optimal cholesterol. *Nature*, 582(7810), 73.
 - ◆ Kapoor N., Lotfaliany, M., Sathish T., Thankappan K. R., Thomas N., Furler, J., & Tapp, R. J. (2020). Obesity indicators that best predict type 2 diabetes in an Indian population: insights from the Kerala Diabetes Prevention Program. *Journal of nutritional science*, 9.
 - ◆ Thrift A. G., Ragavan R. S., Riddell M. A., Joshi R., Thankappan K. R., Chow, C., & Evans, R. G. (2020). Hypertension in rural India: the contribution of socioeconomic position. *Journal of the American Heart Association*, 9(7), e014486.
 - ◆ Lotfaliany M., Sathish T., Shaw J., Thomas E., Tapp R. J., Kapoor N., & Oldenburg, B. (2020). Effects of a lifestyle intervention on cardiovascular risk among high-risk individuals for diabetes in a low-and middle-income setting: secondary analysis of the Kerala Diabetes Prevention Program. *Preventive medicine*, 139, 106068.
 - ◆ Campbell M. D., Sathish T., Zimmet P. Z., Thankappan K. R., Oldenburg B., Owens, D. R., & Tapp R. J. (2020). Benefit of lifestyle-based T2DM prevention is influenced by prediabetes phenotype. *Nature Reviews Endocrinology*, 16(7), 395-400.
 - ◆ Ravindranath R., Oldenburg, B., Balachandran S., Mini G. K., Mahat K., Sathish T., & Thankappan K. R. (2020). Scale-up of the Kerala Diabetes Prevention Program (K-DPP) in Kerala, India: implementation evaluation findings. *Translational behavioral medicine*, 10(1), 5-12.
 - ◆ Gamage D. G., Riddell M. A., Joshi R., Thankappan K. R., Chow C. K., Oldenburg, B., & Thrift A. G. (2020). Effectiveness of a scalable group-based education and monitoring program, delivered by health workers, to improve control of hypertension in rural India: A cluster randomised controlled trial. *PLoS medicine*, 17(1), e1002997.
- ### Invited talks/ Paper presentations
- ◆ Dr. Elezebeth Mathews, Assistant Professor, was a resource person for the session on Project Proposal Development organised by the Department of Political Science, Mahatma Gandhi Central University from 24th to 28th Aug 2020.
 - ◆ Dr. Sibasis Hense, Assistant Professor, gave a presentation titled 'Why health professionals aspire to migrate internationally? Findings of a mixed-method study among Indian physicians and nurses to Australia', at The Migration Conference 2020 organized during 8-11 Sept. 2020.
 - ◆ Dr. Elezebeth Mathews, Assistant Professor, has acted as Resource Person and presented a paper titled 'Access to Health Care for Non- Pandemic Cases during Pandemics' in the International Webinar on Law, Public Health and Pandemics: Changing Dimensions of Right to Health organized by the Department of Law, CUK, Thiruvalla in collaboration with Alumni Association from 30th Nov. to 1st Dec. 2020.
 - ◆ Dr. Elezebeth Mathews, Assistant Professor, was the Chairperson at the Amrita International Public Health e-conference 2020 on 4th & 5th Dec. 2020, at Amrita Institute for Medical Sciences and Technology, Kochi.
- ### Student Achievements



- ◆ Mr. Stany Mathew, an MPH student of 2018-2020 batch has been placed as Health Economist at ICMR-National Centre for Disease Informatics Research, Bengaluru.
- ◆ Ms. Kimasree Majumdar, an MPH student of 2018-2020 batch has qualified for Junior Research fellowship in Social Medicine and Community Health in UGC-NET examination, conducted in December 2020.
- ◆ The following outgoing students of the 2018-2020 batch were recently placed in various National level NGOs, Research and Government bodies: Sheik Khalida Begum (FIND), Muhammed Basheer K M (National Health Mission, Kerala), Sonalee Rajput (IPE Global Ltd.), P Chandra Shekar (SAATHI, AP), Stany Mathew (National Centre for Disease Informatics and Research, Indian Council of Medical Research), U.C.Goutham Baba (Doctors For You, Vijayawada), Krishnendhu C (State Health Resource Centre, Raipur -SHRC), Kadhuluri Devaganesh (Academy of Management studies - AMS), Leethu (Omnicuris), Nandru Sukumar (Inclen Trust International).

Department of Yoga Studies

- ◆ The 6th International Day of Yoga was celebrated on the theme 'Yoga at home, Yoga with the family' on 21st June 2020. Due to the current pandemic situation, programmes were conducted through the digital media platform. Internal guidelines were given to the employees and students in the university regarding the role of yoga in the pandemic. Promotion videos explaining the benefits of yoga were made and circulated among the students. The importance of common yoga protocol issued by the Ministry of AYUSH was explained to the students. Students and staff of Yoga Dept. approached different NGOs and other regional voluntary organisations to create awareness on yoga and practice yoga at home. Experts in the field were approached for conducting webinars on creating awareness among people on the importance of Yoga. Eminent personalities from different parts of the globe in the field of yoga engaged the sessions. Lectures were arranged prior to one week to generate enthusiasm and encourage all to participate in the common yoga protocol on 21st June

Webinars/Workshops

- ◆ Webinar on 'COVID-19 management in Kerala: the first 100 days' was conducted on 26th May 2020. Prof. K R Thankappan delivered the lecture.
- ◆ A webinar on Conjunction of Two Pandemics: Gender Inequality and COVID 19 was organised on 22nd July 2020. Mohammad Naciri, Director for the Arab States and Asia Pacific regions for the United Nations Entity for Gender Equality and the Empowerment of Women (UN Women) was the resource person.
- ◆ Online Workshop on Secondary Data Analysis, using Nationally Representative Data sources: Dr. G K Mini, Associate Professor, Global Institute of Public Health, Thiruvananthapuram, and Mr. Kodali Prakash Babu, Assistant Professor, Dept. of PH &CM were the resource persons.
- ◆ A webinar on Gearing up to tackle Post COVID Syndrome was organized by the Department under the aegis of APJ Abdul Kalam Centre for Extension Services on 30th Dec. 2020. Dr. A S Kannan, Medical officer, CUK Medical Center, was the resource person.

and make yoga a daily routine.

- ◆ Organized a webinar on 'Yoga at home, Yoga with the family, My Life My Yoga'. The webinar was led by Dr. Subrahmanya Pailoor, Academic Coordinator, Department of Yoga Studies. Dr. A Radhakrishnan Nair, Former Registrar, inaugurated the webinar. Dr. Rajendra Pilankatta, Dean, School of Medicine and Public Health, felicitated the webinar.
- ◆ The Dept. of Yoga Studies in association with the Health Centre, CUK, conducted webinar on the 'Impact of Gadget on Mental Health' on 10th Oct. 2020, in concurrence to the World Mental Health Day celebration. Hon'ble Vice-Chancellor, Prof. H Venkateshwarlu, inaugurated the webinar. Mr. K Anil Kumar, Clinical Psychologist, was the resource person. Dr. Rajendra Pilakatta, Dean, School of Medicine and Public Health, CUK, rendered the welcome speech. Dr. Arathy R Nair, Medical Officer, CUK and Dr. Subrahmanya Pailoor, Academic coordinator, Department of Yoga Studies coordinated the webinar.

Department of Chemistry

- ◆ Dept. of Chemistry in association with the Association of Chemistry Teachers conducted a National level webinar on Research Data Analysis on 21st Nov. 2020 as part of ACT Research Convention 2020. Four eminent speakers (Prof. Nagarajan, Delhi University, Prof. Muralidharan, University of Hyderabad, Dr. M. Bhagyalakshmi, CUK, Dr. Muruga Poopathi Raja, Madurai Kamaraj University) delivered lectures.
- ◆ Prof. A Sakthivel was honoured by the Indian Chemical Society, Kolkata, as Fellow of Indian Chemical Society (FICS).
- ◆ Andhra Pradesh Academi of Science admitted Dr. Ravi Kumar Kanaparthi as Associate Fellow of for his contributions in Chemical Science.
- ◆ Dr. Ravi Kumar Kanaparthi published a book chapter entitled Photophysical Properties of 4-(Dicyanomethylene)-2-Methyl-6-(4-Dimethylaminostyryl)-4H-Pyran (DCM) and Optical Sensing Applications in Photophysics, Photochemical and Substitution Reactions: Recent Advances ISBN 978-1-83968-224-7 (2020), he is also one of the editors of the book.
- ◆ Prof. M R Prathapachandra Kurup had delivered two lectures on EPR spectroscopy in connection with a refresher course conducted by UGC- HRDC, Kannur University.
- ◆ Dr. Deepa Janardanan delivered an invited talk entitled 'Theoretical Exploration of the Degradation of Glycol Aldehyde in the Atmosphere' on 19th Dec. 2020 in the 26th international webinar on *Advances in Physics, Chemistry, Mathematics, Computer Sciences & Biological Sciences* (CONIAPS 2020) organized by the School of Energy Materials (SEM), Mahatma Gandhi University, P.D Hills P.O, Kottayam, Kerala.
- ◆ Mr. Aswin and Ms. Neethu, research scholars of Prof. A. Sakthivel, presented their research work in a National Conference on Frontiers in Chemical Sciences-2020.
- ◆ Department of Chemistry faculty members (Prof. M R Prathapachandra Kurup (Journal of Molecular Structure, Vol. 1237, 130362; Vol. 1232, 129978; Vol.

1229, 129779; Chem. Data Collection 33 (2021) 100681; Transition Metal Chemistry 46 (2021) 241; J. Solid State Chem. 294 (2021) 121846; Cryst. Eng. Cmm. 23 (2021) 617-628; *Environmental Science and Pollution Research* 28 (2021) 4147; J. Chemical Sciences 132 (2020)) Prof. A. Sakthivel (Inorganic Chemistry Communications 123 (2021) 108302; Materials Today: Proceedings <https://doi.org/10.1016/j.matpr.2021.03.244>; Emerging Materials (2021); <https://doi.org/10.1007/s42247-020-00149-3>); Dr. Bini George (*BioNanoScience* (2021) doi.org/10.1007/s12668-021-00824-7; Inorganic and Nano-Metal Chem. doi.org/10.1080/24701556.2020.1852254) Dr. M. Bhagiyalakshmi (Materials Today: Proceedings; doi.org/10.1016/j.matpr.2021.02.697) have published several research articles in various reputed journals, as detailed above.

6,360 trees to be felled to widen NH66: CUK survey

The trees on the 240-km-stretch are sanctuary for 32 species of birds

GEORGE POIKAYIL @Kasaragod

AROUND 6,360 trees — many of them more than a century old — will be felled for widening the National Highway 66 (NH66) from Thalappady to Kozhikode, found a survey by the Central University of Kerala (CUK).

The trees on the 240-km-stretch are a sanctuary for 32 species of birds, squirrels, two species of fruit bats and the Malabar civet, said Dr P A Sinu, ecologist and assistant professor of the department of zoology in CUK.

His students K Manoj and T P Rajesh counted the trees along the highway. They started the counting the trees as part of an environmental impact assessment study when the Kerala State Transport Project (KSTP) was widening the Kasaragod-Kanhangad coastal highway.

According to the students, 2,983 trees will be felled in Kasaragod, the highest among the three districts, 1,833 in Kannur and 1,584 in Kozhikode to widen the NH.

"The trees belong to 34 different varieties," said Dr Sinu. Around 39 per cent are rain-trees, nine percent are banyan and peepul or sacred fig trees and nine per cent are mango trees, he added. Giving a detailed break-up, he said 2,471 rain-trees, 533 acacias, 543 banyan and peepul trees, 488 mango trees, 417 mayflowers or gul-mohar and 375 copperpod or yellow flame trees will be felled.

"Rain trees are a preferred nesting place for pond herons



The Social Forestry Department can collect and distribute the orchids on the trees to students and the public before the trees are felled

and devil's trees are an excellent host plant for moths. But peepul and banyan trees are considered keystone species and felling those can trigger the collapse of the food web," he said.

The peepul trees have a fruiting season of eight months beginning from October, which is considered the driest. So the trees are a big source of food for birds and animals, he added.

During the survey, Manoj and Bishwanath Mahananda, another student, saw at least 22 species of birds, large fruit bats and civets feasting on the fruits of peepul trees.

"Rather than conserving rare species, the peepul trees and banyan trees play a crucial role in conserving common species such as crows, mynas, barbets, koels, treepies, sunbirds, spiderhunters, cuckoos and grey-fronted and green pigeons," said Dr Sinu. These birds were spotted during a survey by Roshmath R, another student.

What can be done?

Dr Sinu said that the society can help maintain the green cover by taking proactive steps. He said most of the trees have different varieties of orchids. The department of social forestry can collect and redistribute them to schools, colleges, universities and also to the public. It could also help the institutions set up arboreturns on the campuses. Similarly, smaller trees could be transplanted elsewhere. As part of the state government's Green Islet Mission, Haritha Keralam Mission has planted trees on 85 acres, he said. "We can plant more keystone species in such areas," he added. If possible, peepul and banyan trees should be replanted on the sides of the widened road. Students of schools and colleges could be roped in to maintain the saplings, he said.



Department of Genomic Science

Publications

- ◆ G. Saranya, M.V. Jiby, K.S. Jayakumar, P. Padmesh Pillai, C. Jayabaskaran. L-DOPA synthesis in *Mucuna pruriens* (L.) DC. is regulated by polyphenol oxidase and not CYP 450/tyrosine hydroxylase: An analysis of metabolic pathway using biochemical and molecular markers. *Phytochemistry* 178 (2020) 112467
- ◆ Anto M, Angala M, Jothish P S, Rameshkumar K B, Padmesh P & Anilkumar C. Population genetic structure of *Garcinia imberti* Bourd. an endangered endemic tree of southern Western Ghats, India. *Plant Science Today*, 2020. Vol 7(3): 424-431 <https://doi.org/10.14719/pst.2020.7.3.734>
- ◆ Smtiha KV, Maya P, Krsihna TS, Hari Krishna Kumar S, Manickavelu A. 2020. Genome- wide structural and functional variant discovery of rice landraces using genotyping by sequencing. *Molecular Biology Reports*. <https://doi.org/10.1007/s11033-020-05794-9>
- ◆ Minu M Nair, Krishna T. S and Alagu Manickavelu. 2020. Bioinformatics insights into microRNA mediated gene regulation in *Triticum aestivum* during multiple fungal diseases. *Plant Gene*. 10.1016/j.plgene. 2019.100219.
- ◆ Minu M Nair and Alagu Manickavelu. 2020. MicroRNAs as fine-tuners of gene regulation in plant-microbe interactions. *Current Science*. 10.18520/cs/v119/i8/1282-1290
- ◆ The complete mitochondrial genome of Indian gaur, *Bos gaurus* and its phylogenetic implications M. Nagarajan *Genomic Science Scientific Reports* 2020 2045-2322 <https://doi.org/10.1038/s41598-020-68724-6>
- ◆ Characterization of the complete mitochondrial genome of *Barilius malabaricus* and its phylogenetic implications M. Nagarajan *Genomic Science Genomics* 2020 0888-7543 <https://doi.org/10.1016/j.ygeno.2019.12.009>
- ◆ Consequences of domestication on gut microbiome: a comparative study between wild gaur and domestic mithun M. Nagarajan *Genomic Science Frontiers in Microbiology* 2020 1664-302X doi: 10.3389/fmicb. 2020.00133
- ◆ C-terminal claw stabilisation in *Corvus Avian Beta Defensin 7* and its mutation studies Tony Grace. *International Journal of Pharmaceutical Sciences and Research* 2020. 0975-8232 10.13040/IJPSR.0975-8232.11(12).6086-96
- ◆ Scientometric Analysis of Mammalian Microbiome Research Tony Grace. *Journal of Applied Scientific Research* 2020 2454-3225 <http://joaasr.com/index.php/joaasr/article/view/416/191>
- ◆ Genetic structure of *Tribolium castaneum* populations in and around a grain storage facility Shamjana U, Rukshana Mahamood, Tony Grace. *Journal of Advanced Scientific Research* 2020 0976-9595 [https://sciensage.info/admin/uploads/paper/11\(11\)11122191.pdf](https://sciensage.info/admin/uploads/paper/11(11)11122191.pdf)
- ◆ Biodiversity of Butterflies in Endosulfan-affected Areas of Kerala, India Raghavendra K N; Kumar Arvind; Anushree G K; Tony Grace. *The Journal of Basic and Applied Zoology* 2020 2090-990X <https://doi.org/10.1186/s41936-020-00192-w>
- ◆ Dataset of de novo assembly and functional annotation of the transcriptome of certain developmental stages of coconut rhinoceros beetle, *Oryctes rhinoceros* L Kumar Arvind, M.K. Rajesh, A. Joseph Raj Kumar, Tony Grace *Genomic Science Data in Brief, Elsevier-2020* 2352-3409 <https://doi.org/10.1016/j.dib.2019.105036>.

Book Chapters

- ◆ Karuna Surendran, R. Aswati Nair, and Padmesh P. Pillai. “Molecular Markers and Their Application in the Identification of Elite Germplasm”. Book on *Plant Metabolites: Methods, Applications and Prospects*. Springer ISBN 978-981-15-5136-9 (eBook) 2020

Paper presentation/invited talks

Dr. Padmesh P Pillai, Associate Professor

- ◆ Invited talk on the topic ‘Metabolomics and Genomics of Medicinal Plants’ in the National

Students Science Conference, jointly organized by Sri Sankara College Kilimanoor and KSCSTE on 18th Sept. 2020.

Dr. Ranjith Kumavath, Assistant Professor

- ◆ Acted as Resource Person and delivered an invited lecture on 'Metagenomic Insights of Antibiotic Resistome in Global Mangrove Ecosystem' as part of the *International conference on Integrated Bioinformatics and Computational Biology (ICIBCB)*, on 16th & 17th Dec. 2020 organised by the Department of Genetic Engineering SRM Institute of Science and Technology, Kattankulathur, Tamil Nadu.
- ◆ Acted as Resource Person and delivered an invited lecture on 'My life Journey towards Science' in the Young Science Leadership series on 20th Sept. 2020 organised by the Young Academy of India.
- ◆ Acted as Resource Person and delivered an invited lecture on 'Metagenomic insights of antibiotic resistome in global mangrove ecosystem' in the International e-conference on Advances in Microbial Biotechnology and Biotherapeutics (AMBT-2020), on 11th Sept. 2020, organised by Dept. of Microbiology,

Osmania University, Hyderabad.

- ◆ Acted as Resource Person and delivered invited lecture on Cardiac Glycosides: Immune Modulators through HIF1 α Dependent CD47-SIRP α Signaling in Human Cancers in the national webinar conference on Frontiers in Cancer Biology, on 26th July 2020, organised by the Dept. of Microbiology, and Biochemistry, Chidambaram, Tamil Nadu.
- ◆ Acted as Resource Person and delivered an invited lecture on Career opportunities in higher education system for science and technology in the national conferences on Student skill development and smart learning, jointly organized by SN Nadar Arts and Science college and Dept. of Microbiology, Annamalai University, Chidambaram on 29th July 2020.

Dr. Smita Sudheer, Assistant Professor

- ◆ Invited talk on 'Human and mouse Stem Cells as models to understand mechanisms underlying Pluripotency and differentiation' in the 8th Annual symposium of the SBC (I) - Coastal Karnataka Chapter on 18th Nov. 2020 organized by the Manipal School of Life Sciences.

Centre for Health and Medical Services

- ◆ As a part of preventive measures in the wake of the COVID -19 pandemic, the Centre for Health and Medical Services, in association with the Kerala State Fire Force Department, launched a disinfecting drive on the campus. Hostels and academic – administrative buildings were disinfected on 20th April 2020, 14th May 2020, 16th June 2020 and 3rd Sept. 2020.
- ◆ Maintained strict COVID protocols in every function and interviews conducted at the University such as during the farewell ceremony for Former Hon'ble Vice-Chancellor Prof. G Gopakumar on 15th Aug. 2020, and interviews for Group A officers and guest faculties during 24 -28 Nov. 2020, 17 - 18 Dec. 2020. Mr. Jithesh, Pharmacist, deputed by the Centre for Health and Medical Services, checked the temperature and collected signed self-assessment performas of all members who attended the programmes.
- ◆ Dr. A S Kannan attended COVID duty from 23rd Sept. to 4th Oct. 2020, at CFLTC Palathadam.
- ◆ The Centre for Health and Medical Services in collaboration with the Yoga Department conducted an online webinar session on Child Mental Health on the World Mental Health Day on 10th Oct. 2020. Dr. Anil Kumar (M.Phil, Ph.D, NIMHANS) was the resource person. Dr. Subramanya Pailoor, HOD, Yoga Department welcomed the attendees and Dr. Arathy R Nair, Medical Officer and the in-charge of Health Centre introduced the chief guest.
- ◆ Preparations for the reopening of the campus for the 4th semester were initiated. As a part of this, students were invited for a 30 day-lab visit, strictly adhering to the COVID protocol.



Department of Public Administration and Policy Studies

Prof. M R Biju

Edited Books

- ◆ *Electoral Politics of Grassroots Democracy: The Case of Kerala 1953-2015*, Concept Publishing Company, New Delhi.
- ◆ *Politics and Development: India's Changing Landscape*, Concept Publishing Company, New Delhi.

Research Papers

- ◆ "Political Significance of the Local Body Polls (2020) in Kerala", *Mainstream*, Volume LXIX, No. 2, 26, December 2020, ISSN. 2582-7316
- ◆ "Democratic Decentralisation, Regeneration of Villages and Self-Government: The Gandhian Perspective", *Social Science in Perspective*, Volume XII, No. 3 & 4, July-September & October-December 2020, ISSN- 0975-5457, Pages- 541-556

Dr. Ashalekshmi B S, Assistant Professor

- ◆ Completed a Major Research Project on E-Governance and Socio-Economic Development in Kerala: A Study on Akshaya Project, funded by the Indian Council of Social Science Research, New Delhi.
- ◆ Subject Expert in Public Administration, Tata Consultancy Services, Mumbai
- ◆ Chairperson, Social Impact Assessment Committee for Land Acquisition, Land Revenue, Kasaragod District.
- ◆ External Expert, Kudumbashree District Mission, Kasaragod
- ◆ Presented a paper on Decentralised Health Governance and COVID Containment in Kerala in one day National Webinar on COVID-19: Indian State's Responses to a Pandemic organised by the Department of Political Science, Govt. College, Payyanur and Kerala State Higher Education Council on 16th June 2020.
- ◆ Participated in the Executive Webinar on Waste Management during COVID-19 Pandemic organized by the United Nations Environment Programme (UNEP) on 18th June 2020.
- ◆ Participated in the two day ITEC-NCGG Virtual Workshop on COVID - 19 - Good Governance Practices in a Pandemic for African Countries on 6th & 7th Aug. 2020, organized by the National Centre for Good Governance, Department of Administrative Reforms and Public Grievances, Government of India.

Publications

- ◆ Article titled "Engendering Empowerment through ICTs: the Gender Questions in Mahila Prathishtha", Volume: 6, Issue :1, July-September, 2020
- ◆ Chapter titled "COVID-19 and Innovative Governance Practices in Kerala: A Study of Kasaragod District in Good Governance Practices in a Pandemic" has been accepted by the National Centre for Good Governance, New Delhi.

Dr. Devi Parvathy, Assistant Professor

- ◆ Presented a paper titled 'Official Communication during pandemics: A Study of the Role of Police in Pathanamthitta District, Kerala' in the National E-Conference on *Communication during Covid-19 Pandemic: Prospects and Challenges* organized by the School of Mass Communication, IMS Unison University, Dehradun on 10th Oct. 2020.
- ◆ Presented a paper titled 'Women and Climate Change' *4th International Conference on Human Rights and Gender Justice* organised by Knowledge Steez Edu Hub LLP on 13th Dec. 2020.
- ◆ Delivered a lecture on 'The Need for Climate Education Based Capacity Building For Teachers' organised by Bring Back Green Foundation on 15th Nov. 2020.
- ◆ Article titled 'Covid-19 and Best Practices in Kerala: A Study of Pathanamthitta District' has been accepted by NCGG New Delhi.

Dr. Rama Rao Bonagani, Assistant Professor

- ◆ Participated a two week online Refresher Course in Social Sciences, organized by UGC- Human Resource Development Centre (HRDC), University of Hyderabad, Hyderabad during 5-17 Oct. 2020.
- ◆ Chapter entitled 'E-Governance Policies in Indian Administration' published in the edited book *E-Governance: A New Age Tool for 21st Century Challenges*, by MSR Krishna Prasada Rao & Dr. D. Chandramouli Reddy published by Navyug Books International, Delhi, 2020, ISBN: 978-93-82974-74-1.
- ◆ Chapter entitled 'Social Sciences Higher Education Pedagogy Issues in India' published in the edited book on 'Teaching Learning Strategies in Higher Education', by Dr. Kandi Kamala, Gen Next Publication, New Delhi, 2020. ISBN: 978-93-5324-231-2.

International Webinar Series on Women and Development

The Centre for Women's Studies, CUK, in collaboration with the E Sreedharan Centre for Life Skills Education, is organising an International Webinar series on Women and Development, extending from December 2020 to April 2021. Inaugurating the webinar series on 16th December 2020, Prof. H Venkateshwarlu, Hon'ble Vice-Chancellor, observed that micro level field studies are to be undertaken along with theoretical research to realise the dream of sustainable and qualitative development of women. Dr. Eleanor Gordon, Senior Lecturer in Politics and International Development, Monash University, Australia, delivered the inaugural lecture of the series on the topic 'Women in Conflict and Peace Building'. Dr. Gordon, in her lecture, underscored how gender mainstreaming in peace negotiations should involve

responsiveness to women's needs, rather than a token representation of women. Prof. R Indira, Former President, Indian Sociological Society & Former Professor, Department of Sociology, University of Mysore, delivered the keynote address. She offered a historical and conceptual analysis of women and development in the Indian context. Dr. Muralidharan Nambiar, Controller of Examinations and Prof. M R Biju, Chairperson, Advisory Committee, Centre for Women's Studies, gave the felicitations. Prof. Muhammadunni Alias Musthafa, Director, E Sreedharan Centre for Life Skills Education, delivered the Presidential address. Dr. Supriya P, Co-ordinator, Centre for Women's Studies, delivered the welcome address. Ms Jayalakshmi Rajeev, Member, Advisory Committee, Centre for Women's Studies, proposed the vote of thanks.

Kathak Workshop



The SPIC MACAY North Kerala chapter as part of the *Tarang-* series of virtual workshops on Indian classical art forms, conducted a five-day online Kathak workshop for the students of the Central University of Kerala during 23- 27 Dec. 2020 under the guidance of Mrs. Shipra Joshi, artist and repertoire at Kathak Kendra, New Delhi. The inaugural session was attended by Mr. Pragil Prakash, President of SPIC MACAY North Kerala chapter, Dr. Arun Kumar K and Dr. Mary Vineetha Thomas, Coordinator SPIC MACAY Chapter, Central University of Kerala. The basics of Kathak like Taal, Shlokas and Mudras were taught during these sessions. Mrs. Joshi gave individual attention to every student and asked the students to send the videos of each day's lessons. A WhatsApp group with the participants was also created for sharing Kathak videos and further communications. The sessions, held every day from 4 PM to 6 PM, started with revision, learning something new and ended with brief interactions between the instructor and the students. Mrs. Joshi's dedication and love for the art form was evident from her classes and she was successful in creating an interest towards the art form in the students. The workshop ended on 27th Dec. 2020 with the final day's class, followed by felicitation by Dr. Mary Vineetha Thomas and vote of thanks by Syed Amaan Raza Rizvi, first year MA student from the Department of English and Comparative Literature. There were 30 participants from different departments of the University.

Department of Environmental Science

Prof. Muthukumar Muthuchamy

- ◆ Prof. Muthukumar Muthuchamy and Dr. S Anbazhagi, organised a one week Faculty Development Programme (FDP) on “Emerging Pollutants and Challenges on Earth Ecosystem” during 16-20 Nov. 2020. The programme was sponsored by the PMMMNMTT, CUK. Hon’ble Vice-Chancellor, Prof. H Venkateshwarlu, Inaugurated the programme. Dr. Ananthkumar, Chief Scientist, CSIR, NIIST delivered the keynote address. Prof. Amruth G Kumar, Project Head, PMMMNMTT gave the felicitations.

Dr. S Anbazhagi, Assistant Professor

- ◆ Delivered an Invited Lecture on Emerging Trends in Ensuring Pathogen Free Drinking Water at the Department of Civil Engineering, NRI Institute of Technology, Agiripalli, Vijayawada.
- ◆ Acted as Organising Secretary, Disaster Management Webinar Series.

- ◆ Delivered an Invited Lecture on Ecological Principles Summer Training Program in Biological Sciences 2020 jointly organized by The Academy of Sciences, Chennai and Department of Botany, Bharathiar University.

- ◆ Dr. S Anbazhagi, Assistant Professor, organised a webinar Series on “Disaster Management” for the students during 6-10 July 2020. The programme was sponsored by the PMMMNMTT, CUK. Hon’ble former Vice-Chancellor Prof. G. Gopakumar, CUK, inaugurated the programme.

Student Achievement

- ◆ Mrs. Shalu George, Research Scholar, was awarded the First prize for the National Level Article Writing Competition during Oct. 2020, organised by the Ministry of Environment Forest and Climate Change’s (MoEFCC) ENVIS Resource Partner, Amrita Vishwa Vidyapeetham, Coimbatore, Tamilnadu.

Department of Malayalam



- ◆ One day programme on Translation on 22nd & 23rd Aug. 2020. The programme was

conducted in association with Mazhathully publication, Calicut. Twenty two research papers on various aspects on translation studies were presented in the webinar.

- ◆ Webinar on Classical Arts on 17th Aug. 2020 (Chingam 1st). Usha Nangiar, renowned Koodiyattom artist inaugurated the webinar and delivered key note address. Socrates K Valath, the famous short story writer in Malayalam engaged the second session.
- ◆ Alumni Meet on 14th Nov. 2020. S Joseph, Malayalam poet inaugurated the function. Seventy five students of previous batches have participated. Dr. V Rajeev, HoD Malayalam, Dr. Devi K and Dr. R Chandrabose, Dr. K Haridas and Parvathy P Chandaran participated.
- ◆ International webinar on “Life and writing. Key note address by Novelist and short story write Amal (Tokiyo) on 30th Nov. 2020. He has narrated the issues and future of creative writing in the time of globalization. 130 students participated in the webinar.
- ◆ Mahakavi Akkitham Anusmaranam on 13th Nov. 2020. Hon'ble Vice-Chancellor Prof. H Venkateshwarlu inaugurated the programme. M Sreeharshnan and Dr. Sreesailom Unnikrishnan delivered speeches. 150 participants from all over India participated in the programme.

Department of Geology

- ◆ Conducted a quick investigation of the landslide site at Blal Kottakunnu in Kasaragod district on 14th Sept. 2020. The department visit received wide publicity among the local media. The Department extended its expertise and conducted an awareness among the panic-stricken public, which helped the local administration to expedite the disaster response in the area.
 - ◆ Organized a monthly E-Lecture series on Structural Geology and Tectonics in collaboration with the Structural Geology and Tectonic Studies Group India (SGTSGI), affiliated to IUGS commission on Tectonics and Structural Geology (TecTask) during the month of Oct. 2020. Prof. Dhruba Mukhopadhyay, University of Calcutta and Dr. Subhajit Ghosh, University of Tokyo, delivered the lectures on “When did plate tectonics begin on the Earth?” and “Synthesis and diffusion creep of dry fine-grained diopside aggregates”. In Nov. 2020, Dr. R. Jayangonda Perumal, Central University of Tamil Nadu, delivered a lecture on “Neotectonic activities of Himalayas”. In December, Dr. Pathikrit Bhattacharya, IIT Bhubaneswar delivered a lecture on “Fault deformation across scales: Unravelling the micron scale physics behind km-scale ruptures”.
 - ◆ Prof. John G Ramsay, the father of modern structural geology, passed away last Dec. His sad demise has left a huge vacuum in the frontiers of structural geology. Department of Geology had commemorated his contributions during the December monthly lecture in association with Structural Geology and Tectonic Studies Group India (SGTSGI), affiliated to IUGS commission on Tectonics and Structural Geology (TecTask).
 - ◆ Dr. Sijin Kumar A V has been selected as Member, Association of Quaternary Research, Lucknow.
 - ◆ Dr. Sijin Kumar A V, delivered an Invited talk on Paleogeographic and Paleoclimate Significance of Aragonitic Pteropods in the International E-Workshop on Advanced Micropaleontology, Christ College and University of Madras during 25-27 Aug. 2020.
 - ◆ Dr. Sijin Kumar A V, delivered an Invited talk on Late Quaternary Paleogeography of the Andaman Sea, Northeastern Indian Ocean in the International conference on Paleoclimate changes (ICPC-2020), VIT, Chennai.
- Webinar conducted by Ore Research & Exploration Group (ORE-G)**
- ◆ ‘Making a career in geosciences - my experiences’ on 25th Sept. 2020. Dr. Balakrishna, Associate Professor, Manipal Institute of Technology, Manipal was the resource person.
 - ◆ ‘Principles of Ore Petrography’ on 2nd Oct. 2020. Dr. Mohammed Shareef, Director, Field Training Centre (FTC)- Chitradurga, Geological Survey of India was the resource person.
 - ◆ ‘Fundamentals of oil & gas exploration - changing landscape of tools, technology & techniques’ on 9th Oct. 2020. Mr. Sreenivas Mokashi, Ex-Principal



Scientist, British Petroleum, United Kingdom, was the resource person.

- ◆ Lunar Resources: Formation, Processes and Future Prospects' on 16th Oct. 2020. Dr. Rajesh VJ, Associate Professor, Indian Institute of Space Science Technology (IIST) – Trivandrum was the resource person.
- ◆ 'Gold Exploration in India' on 30th Oct. 2020. Dr. Hanuma Prasad, CEO, Indo-Australian Resources Limited, Bengaluru was the resource person.

Publications

- ◆ Sijinkumar, A.V., Nath, B.N., Vinodkumar, K (2020). Scanning electron microscopic studies of fossil pteropods from the Andaman Sea: Inferences on carbonate dissolution. PINSA 86, 1107-1120. DOI:

10.16943/ptinsa/2019/49714.1 June 2020.

- ◆ Chandan Kumar Boraiaha, Ugarkar A.G., Padhi J.K., Kallapur M.V., Rashmi Chandan (2020) Genesis of the Late Archean granitoids of the northern part of the Dharwar Foreland (Dharwar Craton), South India – insights from field, crystal size distribution, thermobarometry, microgeopchemical and bulk-rock geochemical studies, *Geochemistry (Chimie de Erde)*, 1-25. (Journal Impact Factor – 2.871)
- ◆ Chandan Kumar Boraiaha, K.B. Joshi, A.C. Kerr, J.K. Padhi, S. S. Mishra, R. Chandan (2020) Field, petrographic and geochemical characteristics of alkaline complexes in the Cauvery Shear Zone (CSZ), southern India: Implications for petrogenesis. *Journal of Earth System Sciences* <https://doi.org/10.1007/s12040-020-1369-1>. (Impact Factor – 1.423)

Department of Biochemistry and Molecular Biology

Dr. Rajendra Pilankatta, Head of the Department

Publications

- ◆ Ranjeet Ddungdung, Manikanta Bayal, Lathika Valliyott, Unnikrishnan Unniyampurath, Swapna S. Nair and Rajendra Pilankatta. A slow, efficient and safe nanoplatform of tailored ZnS QD-mycophenolic acid conjugates for in vitro drug delivery against dengue virus 2 genome replication. *Nanoscale Adv.*, 06 Oct 2020, Advance article.
- ◆ Neeli Chandran, Prajit Janardhanan, Manikanta Bayal, Unnikrishnan Unniyampurath, Rajendra Pilankatta*, and Swapna S. Nair*. Label Free, Nontoxic Cu-GSH NCs as a Nanoplatform for Cancer Cell Imaging and Subcellular pH Monitoring Modulated by a Specific Inhibitor: Bafilomycin A1. *ACS Appl. Bio Mater.* 2020, 3, 2, 1245–1257
- ◆ Lathika Valliyott, Ranjeet Ddungdung, Rajendra Pilankatta. Semi-quantification of Antibody-Dependent Enhancement (ADE) in the Uptake of Adenovirus Serotype 5 Into THP-1 Cells. *Anal Biochem.* 2020 15;591:113568. doi: 10.1016/j.ab.2019.113568.
- ◆ Arun Kumar Karayi, Vijaya Basavaraj, Saravu R Narahari, Madhur Guruprasad Aggithaya, Terence J Ryan, Rajendra Pilankatta. Human Skin Fibrosis: Up-regulation of Collagen type-III gene transcript in the

fibrotic skin nodules of lower limb lymphedema *Tropical Medicine & International Health. Trop Med Int Health.* 2020;25(3):319-327. doi: 10.1111/tmi.13359.

Invited Talk

- ◆ KSCSTE - IAV Webinar Series on Emerging and Re-emerging Viruses" on 2nd July 2020.
- ◆ Webinar on 'Genomics of COVID 19 - Hurdles in developing vaccines and drugs' And Discussion Meet on 29th July 2020, organized by State Inter-University Centre for Genomics and Gene Technology, Trivandrum.

Recognition

- ◆ Dept. of Biochemistry and Molecular Biology has got ICMR approval for conducting COVID19 RTPCR testing based on the expertise available in the Department and started the testing on 1st Apr 2020 in collaboration with the Dept. of Health, Govt of Kerala.

Dr. R Aswati Nair, Associate Professor

- ◆ Participated in "Hi-Tech Organic farming and City-Eco Village concept" by BIRAC Regional Techno-Entrepreneurship Promotion Centre (BRTC) on 31st May 2020
- ◆ Participated in the Lecture series for Agri-startups organized by BIRAC Regional Techno-

Entrepreneurship Promotion Centre (BRTC) on 22nd June 2020

- ◆ Participated in “Pest and Disease Management” by BIRAC Regional Techno-Entrepreneurship Promotion Centre (BRTC) on 23rd June 2020
- ◆ Participated in “Women’s Scientists and Entrepreneurs Conclave” in India International Science Festival 2020, organized by the Ministry of Science and Technology and CSIR, from 22nd to 25th Dec. 2020.
- ◆ Resource person in the webinar on Prevention of Sexual Harassment on 22nd Aug. 2020 conducted by St. Albert’s College, Ernakulam. Title of the talk: “ICC: Procedures and Practices”.
- ◆ Organized a webinar on “Real time PCR: Fundamentals, Chemistries and Applications” on 17th June 2020
- ◆ Organized a webinar on “Equity focused gender equality in a kaleidoscopic world” on 16th June 2020

Publications

- ◆ Sharmila Raj, Aswati R Nair*, Princy P (2020) Antimicrobial peptide (AMP) from *Zingiber zerumbet* rhizomes with inhibitory effect on *Pythium myriotylum* secretory proteases and zoospore viability. World Journal of Microbiology and Biotechnology 36: 77
- ◆ Aswati Nair R*, Keerthi D, Padmesh P (2020) Evidence for Methylethylthritol pathway (MEP) contributions to zerumbone biosynthesis as revealed by expression analysis of regulatory genes and metabolic inhibitor studies. Plant Molecular Biology Reporter 38: 370- 379 [Cover page article]
- ◆ Aswati Nair R*, Geethu C (2020) Improving operational stability of thermostable *Pythium myriotylum* secretory serine protease by preparation of cross-linked enzyme aggregates (CLEAs). Preparative Biochemistry and Biotechnology 50(2): 107- 115
- ◆ Harshitha K, Aswati Nair R* (2020) Evaluation of DNA methylation changes by CRED–RA analysis following Prednisone treatment of endophyte, *Fusarium oxysporum*. Indian J Microbiol 60: 254- 258
- ◆ Aswati R Nair*, Ganapathy G (2020) Untargeted Gas Chromatography–Mass Spectrometry analysis and evaluation of antimicrobial and antioxidant activity of *Zingiber nimmonii* (J. Graham) Dalzell rhizome extracts. Pharmacognosy Research 12(4): 466- 470
- ◆ Meghana NK, Navya R, Harsha K and R. Aswati Nair*

(2020) Isolation and characterization of extracellular L-Asparaginase producing *Bacillus* species from *Morinda citrifolia* phyllosphere. J of Plant Science and Research 7(2): 1- 5.

- ◆ Harsha K, R. Aswati Nair (2020) Volatile metabolites of endophytic *Klebsiella aerogenes* from *Zingiber zerumbet* rhizome and its antagonistic effect on soft rot causative *Pythium myriotylum*. J Spices and Aromatic Crops 29(2): 122-132 [Cover page article]

Book Chapters

- ◆ K Surendran, Aswati Nair R, Padmesh P (2020) Molecular markers and their application in the identification of elite germplasm. In: Plant Metabolites- Methods, Applications and Prospects, Springer, First Edition, Eds. Sukumaran ST, Sugathan S and Abdulhameed S (ISBN: 978-981-15-5135-2), pp: 57-70
- ◆ KR Ranjisha, K Surendran, Aswati Nair R, PP Pillai (2020) Bioprospecting of biodiversity for improvement of agronomic traits in plants. In: Transgenic Technology Based Value Addition in Plant Biotechnology, Academic Press, First Edition, Eds. Usha K, Abdin MZ and Kamaluddin (ISBN: 978-0-12-818632-9), pp: 1-24

Abstracts in Conference Proceedings

- ◆ Harsha K, Aswati Nair R (2020) Composition and characterization of culturable bacterial endophytes from rhizomes of *Zingiber zerumbet* elite zerumbone chemotypes. International Seminar on Recent Advances in Science and Technology organized by North East Academy of Science and Technology (NEAST) 16th- 18th November 2020 pp 243- 244.

General Articles

- ◆ “COVID-19 takes the spice out of ginger” (30th April 2020) Down to Earth [<https://www.downtoearth.org.in/blog/agriculture/covid-19-takes-the-spice-out-of-wayanad-s-ginger-farmers-70801>]
- ◆ “Enter the Virtual Laboratory” (14th May 2020) Times NIE (Newspaper in Education) [<https://toistudent.timesofindia.indiatimes.com/news/events/enter-the-virtual-laboratory/53063.html>]

Dr. V B Sameer Kumar, Assistant Professor

- ◆ Resource person in webinar on Writing grant proposals, the Do’s and Don’ts, from the Reviewer’s perspective” on 2nd Dec. 2020 organized by Mar Athanasios College For Advanced Studies; Thiruvalla,



Kerala.

Publications

- ◆ Regulation of poly ADP ribosylation of VEGF by an interplay between PARP-16 and TNKS-2; Mol. Cell. Biochem; Haritha Kunhiraman, Vishnu Ramachandran, Lincy Edatt and V.B. Sameer Kumar* 471, 15–27.
- ◆ Fabrication of a Greener TiO₂@Gum Arabic-Carbon Paste Electrode for the Electrochemical Detection of Pb²⁺ Ions in Plastic Toys; Saranya Kothaplamoottil Sivan, Sarojini Sharath Shankar, Sajina N, Akshaykumar Kandambath Padinjareveetil, Rajendra Pilankatta, V. B. Sameer Kumar, Beena Mathew, Bini George, Pooyan Makvandi, Miroslav Cerník, Vinod V. T. Padil, and Rajender S. Varma; ACS Omega, 5, 25390-25399. 2020.
- ◆ Antioxidant and cytotoxic activities of sulfated polysaccharides from five different edible seaweeds; K. Arunkumar¹ · Rathinam Raja² · V. B. Sameer Kumar³ · Ashna Joseph¹ · T. Shilpa¹ · Isabel S. Carvalho²; Journal of Food Measurement and Characterization <https://doi.org/10.1007/s11694-020-00661-4> (2020).
- ◆ Role of Sirtuins in Tumor Angiogenesis; doi: 10.3389/fonc.2019.01516; Frontiers in Oncology; Lincy Edatt, Aswini Poyakkara, Grace R. Raji, Vishnu Ramachandran, S. Sharath Shankar and V. B. Sameer Kumar*

Book Chapters

- ◆ ‘Carbon Quantum Dots: A Potential Candidate for Diagnostic and Therapeutic Application’ In. Nano biomaterial Engineering, Springer Publications (2020).
- ◆ ‘Regulation of Angiogenesis Using Nanomaterial Based Formulations: An Emerging Therapeutic Strategy to Manage Multiple Pathological Conditions’ In. Theranostics - An Old Concept in New Clothing; Intech Open

Lab News and Achievements

- ◆ Dr. Sameer and his entire team of the Angiogenesis and Non-Coding RNA research lab (Totaling to 7 members) joined the COVID-19 testing facility and this Research lab along with the Virology lab was converted into the COVID-19 sample testing facility. The members of the team have been contributing to the COVID lab at CUK till date.
- ◆ Dr. Lincy Edatt, who defended her Thesis in January,

joined for the post-Doctoral fellowship at the UNC Lineberger Constitutive Cancer Centre at the University of North Carolina, School of Medicine, USA.

- ◆ Dr. Sharath S. Shankar, another alumnus of the lab, has joined as Post-Doctoral Research Associate at the Thomas Jefferson’s, USA.
- ◆ Dr. Haritha K and Dr. Sruthi T. V., Ph.D. awardees from this lab, were earlier placed as post-doctoral scientists at John Hopkin’s, USA and Thomas Jefferson’s respectively.
- ◆ Dr. Grace R. Raji, who successfully completed her Ph.D. from the lab, has joined as adjunct faculty to teach Biochemistry & Molecular Biology.

Dr. Thejaswini Venkatesh, Assistant Professor

- ◆ Moderated a webinar on Real-time PCR: Fundamentals, Chemistries and Applications on 17th June 2020, CUK.
- ◆ Organised a webinar on- Inflammatory mechanisms mediating tumor-lymphatic crosstalk and role in cancer progression and lymph node metastasis by Dr. Sanjukta Chakraborty, University of Texas on 9th Sept. 2020 at CUK.
- ◆ Conducted an Industry entrepreneurship webinar as a part of alumni activity with resource persons Dr. Viswanadham, IKVP Park, Hyderabad and Dr. Jyotsna U Rao, Biocon, Bangalore, on 26th Nov. 2020.

Publications

- ◆ Bhardwaj BK, Thankachan S, Venkatesh T, Suresh PS. Liquid biopsy in ovarian cancer. Clin Chim Acta. 2020 Nov;510:28-34. doi: 10.1016/j.cca.2020.06.047. Epub 2020 Jul 3. PMID: 32622965.
- ◆ Pippadpally S, Venkatesh T. Deciphering piRNA biogenesis through cytoplasmic granules, mitochondria and exosomes. Arch Biochem Biophys. 2020 Nov 30;695:108597. doi: 10.1016/j.abb.2020.108597. Epub 2020 Sep 23. PMID: 32976825.
- ◆ Cherian I, Venkatesh T*, Paul PM. In silico prediction of UCLH1 disease-causing SNPs and its effects on protein stability. Gene Reports. 2020 Apr 14;100677 (Scopus indexed).
- ◆ Paleri AV, Cherian I, Suresh PS, Venkatesh T*. In silico analysis of COSMIC retrieved P body gene mutations in breast cancer. Gene Reports. 2020 Jun 1;19:100617 (scopus indexed).

Membership in Journal editorial boards of:

- ◆ Annals of cancer science and surgical oncology
- ◆ SF Journal of biotechnology and biomedical engineering
- ◆ SRL oncology and hematology
- ◆ J of Biology for Today's world

Reviewed articles for the international journals

- ◆ J of Experimental clinical cancer (impact factor-5.6)
- ◆ Aging and disease
- ◆ 3D biotech

Book chapters:

- ◆ Suresh PS, Shetty A, Mohan N, Tsutsumi R, Venkatesh T*. MicroRNAs as Biomarkers for Prediction of Environmental Health and Toxicity: A Systematic Overview. In Environmental Biotechnology Vol. 2 2020 (pp. 151-172). Springer, Cham.

Activities at conferences:

- ◆ Cherian, I., Prisho, M.P., Venkatesh, T. In silico prediction of UCHL1 disease causing SNPs and its effects on protein stability. Poster presented at Conference on basics and advanced translational immunology (BATI) held at Central University of Kerla from 5th to 7th Mar. 2020.
- ◆ Sunmathy Kanakamani, Devi Priya Sugathan, Padmanaban S Suresh, Thejaswini. Venkatesh. Methylation and transcription factors binding analysis of P granular component MLN51 (metastatic lymph node 51) promoter. Poster presented at Conference on basics and advanced translational immunology (BATI) held at CUK from 5th to 7th Mar. 2020.

Department of Physics

- ◆ Conducted International Webinar on Electron Correlations and Conductance Fractionalisation in Quasi-1D Nanostructures on Oct. 28th 2020. The talk was given by Sir Professor Michael Pepper FRS, University College London. The session was chaired by Professor Arindam, Ghosh, Department of Physics, Indian Institute of Science, Bangalore. The session kicked off with a welcome address by prof. K J Thomas and ended with Vote of Thanks by Dr. Swapna S Nair, Head of the Department.
- ◆ Dr. Swapna S Nair received CRG Grant from the Department of Science and Technology (Total project Cost 91 L, Sanctioned so far 67 L)
- ◆ Department of Physics is identified as DST FIST beneficiary (Project Co-Ordinator, Dr. Swapna Nair, Members: Prof. K J Thomas, Prof. Vincent Mathew, Dr. E Prasad, Dr. S C Sahoo, Dr. P M Aneesh) Total Project Cost: 3 Cr. Sanctioned So far: 1.15 Cr.
- ◆ defended the Ph.D. viva- voce of his thesis entitled "Searching the Stabilizing Effects of $n=126$ in Compound Systems Formed in Heavy Ion Collisions" on 6th July 2020.
- ◆ Mr. Shareef M (Reg. No. MPH071301) has successfully defended the Ph.D. viva- voce of his thesis entitled "Exploring heavy ion fusion-fission dynamics around the Coulomb barrier using neutron multiplicity measurements" on 16th July 2020
- ◆ Mr. Sreejith K. P. (Reg. No. MPH071403) has successfully defended the Ph.D. viva- voce of his thesis entitled "Studies on One-Dimensional Photonic Crystals Incorporating Superconducting Materials" on 4th Nov. 2020.
- ◆ Mr. Ajith.S.Kumar (Reg. No. MPH071313) has successfully defended the Ph.D. viva- voce of his thesis entitled Tailoring material parameters and connectivity for enhanced magnetoelectric coupling in Ba_{0.85}Ca_{0.15}Zr_{0.1}Ti_{0.9}O₃ (BCZT) based engineered heterostructures on 12th June 2020.
- ◆ **Dr. E Prasad & Dr. P M Aneesh and Dr. S C Sahoo attended the following Faculty refresher programs**
- ◆ One week National Faculty Development programme on "Research Ethics and characterization techniques

Defended Thesis

- ◆ Anumol C. N. (Reg. No. MPH071304) defended her Ph.D. thesis entitled "Structural and Magnetic Properties of Substituted Nickel Ferrite Nanoparticles and Spinel Nanocomposites" on 21st Oct. 2020.
- ◆ Mr. Laveen P V (Reg. No. MPH071306) successfully



in material Science” jointly conducted by Guru Angad Dev Teaching learning Centre, Agra and Bishop Moore College, Mavelikkara under PMMMNMTT in Sept. 2020.

- ◆ One week National Faculty Development programme on “Statistical Analysis using SPSS” by Manonmanium Sundar University, Tamil Nadu under the PMMMNMTT scheme.
- ◆ Dr. S C Sahoo completed a Two Week Online Faculty Development Programme (FDP) On “Nanocomposites and Nanomaterials & its Characterization” organized by Vimal Jyothi Engineering College, Kannur, 8th June 2020.
- ◆ Dr. S C Sahoo completed a Two Week Online Faculty Development Programme on “Learning Advanced E-tools for MOOCs Development & Research” organized by Teaching Learning Centre, Ramanujan College, University of Delhi and Motilal Nehru College (E), University of Delhi during 1-14 Sept. 2020

Student Achievements

- ◆ Anlin Kurian - JRF
- ◆ Ann Mary Augustin - GATE
- ◆ Anuja Mariam Kurian - GATE
- ◆ Emil Xavier - GATE
- ◆ Hasana Jahan E K - JRF
- ◆ Madhushree P - JRF
- ◆ Reenu Thomas - GATE
- ◆ Srinjana Routh - GATE

Placement

- ◆ Anagha K P-Chemical & Metallurgical Assistant (Indian Railway - Chennai)

Higher Studies

- ◆ Fathima I S - INST Mohali (Ph.D)
- ◆ Muhammed Sahad E - IISER-TVM (Ph.D)
- ◆ Rajat Kumar Tripathy - IIT Madras (Ph.D)
- ◆ Sreelakshmi MR - SRM University Chennai (Ph.D)
- ◆ Suhail Ahmed Ganie - SRM University Chennai (Ph.D)
- ◆ Vismaya V S - IIT Hyderabad (Ph.D)

Publications

Prof. Vincet Mathew

- ◆ Electronic and Optical Properties of Quasi-1D Barium Zinc Chalcogenides Ba₂ZnX₃ (X = S, Se, Te):

A DFT Approach, Solid State Sciences, 1293-2558, (2020).

- ◆ Extended first integral method for investigating nonlinear surface plasmon polaritons in dielectric-metal-nonlinear slab waveguides, AIP Conference Proceedings, 1551-7616, (2020)
- ◆ Theoretical and computational study of instability in streaming negative ion plasma under static magnetic field, The European Physical Journal D, 1434-6060, (2020).

Swapna S Nair, Associate Professor, Head of the Department

- ◆ Interface assisted strain-induced magnetoelectric coupling in core-shell nanostructures of CoFe₂O₄@ZnO, Journal of Magnetism and Magnetic Materials, 1873-4766, (2020)
- ◆ Preparation of Nano Ink Using Cobalt Ferrite and Barium Titanate for Printed Electronic Devices, International Journal of Research in Engineering, Science and Management, 2581-5792 (E), (2020).
- ◆ Structural and optical properties of copper nanoparticles synthesized via wet chemical route, AIP Conference Proceedings, 1551-7616, (2020).
- ◆ Facile coconut inflorescence sap mediated synthesis of silver nanoparticles and its diverse antimicrobial and cytotoxic properties, Materials Science and Engineering: C, 0928-4931, (2020).
- ◆ Giant voltage generating microcantilevers based on Ba_{0.85}Ca_{0.15}Zr_{0.1}Ti_{0.9}O₃ and Co₇₆Fe₁₄Ni₄Si₅B for next-generation energy harvesters, Scripta Materialia, 1359-6462, (2020).
- ◆ Label free, nontoxic Cu-GSH NCs as a nanoplatform for cancer cell imaging and subcellular pH monitoring modulated by a specific inhibitor: bafilomycin A1, ACS Applied Bio Materials, 2576-6422, (2020).
- ◆ A slow, efficient and safe nanoplatform of tailored ZnS QD-mycophenolic acid conjugates for in vitro drug delivery against dengue virus 2 genome replication, Nanoscale Advances, 2516-0230, (2020).
- ◆ Effect of nickel doping on structural and magneto-optical properties of Fe₃O₄ ferrofluids, Materials Today: Proceedings, 2214-7853, (2020).

Dr. E Prasad, Assistant Professor

- ◆ Evaporation residue measurements of compound nuclei in the A H⁺ 200 region, Physical Review C,

- 0556-2813, (2020).
- ◆ Fusion studies in $^{35,37}\text{Cl} + ^{181}\text{Ta}$ reactions via evaporation residue cross section measurements, *Physical Review C*, 0556-2813, (2020).
 - ◆ Systematic Study of Quasifission in ^{48}Ca -induced reactions, *EPJ Web of Conferences*, 0000-2012, (2020).
 - ◆ Zeptosecond contact times for element $Z=120$ synthesis, *Physics Letters B*, 0370-2693, (2020).
- Dr. S C Sahoo, Assistant Professor**
- ◆ S. M. Nikam, A. Sharma, M. Rahaman, A.M. Teli, S.H. Mujawar, D. R.T. Zahn, P.S. Patil, S.C.Sahoo, G. Salvan, P.B. Patil, “*Pulsed Laser Deposited CoFe_2O_4 Thin Films as Supercapacitor Electrodes*”, *RSC Adv.* 10, 19353 (2020). <https://doi.org/10.1039/D0RA02564J>
 - ◆ Nancy, R. Shukla, R. Dhaka, S. Dash, S.C. Sahoo, B. Bahera, P.D. Babu, R. Choudhary, A.K. Patra, “*Structural, dielectric and magnetic properties of Bi-Mn doped SmFeO_3* ”, *Ceramics International* 46, 8730–8744 (2020) <https://doi.org/10.1016/j.ceramint.2019.12.112>.
- Dr. P M Aneesh, Assistant Professor**
- ◆ C.N. Anumol, M. Chithra, S. Rout, S.C. Sahoo, “*Effect of magnesium substitution on structural and magnetic properties of nickel ferrite nanoparticles*”, *J. Supercond. Nov. Magn.* 33, 1611–1617 (2020) <https://doi.org/10.1063/5.0016738>
 - ◆ MoS₂ nanoparticles induce behavioral alteration and oxidative stress mediated cellular toxicity in the social insect *Oecophylla smaragdina* (Asian weaver ant), *Journal of hazardous material*, 0304-3894, (2020).
 - ◆ Enhancement in the Selectivity and Sensitivity of Ni and Pd Functionalized MoS₂ Toxic Gas Sensors, *Journal of Electrochemical Society*, 1945-7111, (2020).
 - ◆ Structural and Optical Properties of V₂O₅ Nanostructures Grown by Thermal Decomposition Technique, *Applied Physics A*, 1432-0630, (2020).
 - ◆ Structural, optical and magnetic properties of SnS₂ nanoparticles and photo response characteristics of p-Si/n-SnS₂ heterojunction diode, *Applied Surface Science*, 0169-4332, (2020).

Ek Bharat Shreshtha Bharat Day Celebrations

- ◆ In connection with Ek Bharat Shreshtha Bharat day Celebration for the month of September 2020, CUK organized an online quiz. The E Quiz was open on 29th Sept. 2020 and closed on 30th Sept. 2020. Nearly 180 students from 11 Schools and 27 departments of CUK actively participated in the E Quiz.
- ◆ CUK celebrated the EBSB day for the month of August 2020 by conducting a contest with the theme “Folk song of Kerala”. The songs were judged by experts based on the theme, vocal technique and expression. The three award-winning folk songs by Ms. Aiswarya K K, Ms. Arya Ashok and Ms. Nissy Mary Mathews are shared on the EBSB website.
- ◆ CUK celebrated the EBSB day for the month of June 2020 by conducting a cookery contest via digital mode. This celebration depicted the food culture of Kerala. Several Kerala cuisines were prepared by the contestants, the videos were judged by experts based on the recipes, theme and clarity of the video.
- ◆ Central University of Kerala celebrated the 'Ek Bharat Shreshtha Bharat' (EBSB) day for the month of July 2020 by conducting a photography contest. This celebration depicted the culture of Kerala. Several photographs were submitted by the contestants and it was judged by experts based on the originality, concept, composition, overall impact and well as artistic merit. Sreejith B (Department of Environmental Science), Githin Mon (Department of Geology, 2019-2021), Akhil Ghosh KA (Research Scholar, Department of Environmental Science) won first, second and third prize respectively.



Department of Plant Science

- ◆ Ms. Archa Vijay and Ms. Rishika P S, MSc Plant Science Students were awarded fellowship of Rs. 10000 by the Kerala State Council for Science, Technology and Environment (KSCSTE) to do projects under the guidance of Dr. Ajaykumar and Dr. Jasmin M Sha respectively.
- ◆ Dr. Chithra Manisseri acted as organizing secretary for the National webinar on expanding dimensions in plant research on 8th & 9th June 2020, by the Dept. of Plant Science, CUK.
- ◆ Dr. Chithra Manisseri has completed the Faculty Development Programme (FDP) on *Quality Science Education in India in the 21st Century* jointly organized by Christ College and GAD TLC (MHRD) during 3-9 Nov. 2020.

Publications

- ◆ Angeline C, Toji T, Thomas TD (2020) Tylophorine: Sources, properties, applications and biotechnological production. Swamy MK (ed), Plant-derived bioactives. Springer Nature Singapore Pte Ltd. PP. 167-176
- ◆ Kumar A, Saikiran G, Anju T, Anusree VK, Jasna K, Sharma YP, Chandu KD, Singh K, Rawoof A, Ramchiary N, Singh P, Thomas TD (2020) Biosynthesis, genetic regulation and therapeutic potential of capsaicinoids. Swamy MK (ed), Plant-derived bioactives. Springer Nature Singapore Pte Ltd. PP. 323-350
- ◆ Deepa AV., Thomas TD (2020) In vitro strategies for the conservation of Indian medicinal climbers. In *Vitro Cellular and Developmental Biology - Plant* (Springer) 56:784–802
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Invited Talks

- ◆ Prof. Dennis Thomas T delivered a talk on Triploid Plants from Endosperm - An overview in Three Day International Webinar, organized by Sir Syed College, Thaliparamba.
- ◆ Prof. Dennis Thomas T delivered a talk on plant tissue culture: Theory and practice in the national webinar on expanding dimensions in plant research, organised by the Dept. of Plant science, CUK on 8th June 2020.
- ◆ Dr. K Arunkumar gave a talk on the topic Biofuel Production From Algae in the two-week Phase II Faculty Development Programme (FDP) on



- ◆ Ms. Archa Vijay and Ms. Rishika P S, MSc Plant Science Students were awarded fellowship of Rs. 10000 by the Kerala State Council for Science, Technology and Environment (KSCSTE) to do projects under the guidance of Dr. Ajaykumar and Dr. Jasmin M Sha respectively.
- ◆ Dr. Chithra Manisseri acted as organizing secretary for the National webinar on expanding dimensions in plant research on 8th & 9th June 2020, by the Dept. of Plant Science, CUK.
- ◆ Dr. Chithra Manisseri has completed the Faculty Development Programme (FDP) on *Quality Science Education in India in the 21st Century* jointly organized by Christ College and GAD TLC (MHRD) during 3-9 Nov. 2020.

Publications

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പ്രൊഫ. എച്ച്.വെങ്കടേശ്വർലു കേരള കേന്ദ്ര സർവ്വകലാശാല വൈസ് ചാൻസലർ

കേരള കേന്ദ്ര സർവ്വകലാശാലക്ക് പുതിയ വൈസ് ചാൻസലർ. സർവ്വകലാശാലയുടെ മൂന്നാമത്തെ വൈസ് ചാൻസലറായി പ്രൊഫ. എച്ച്. വെങ്കടേശ്വർലു 2020 ആഗസ്ത് 14ന് ചുമതലയേറ്റു. ഹൈദരാബാദ് ഉസ്മാനിയ സർവ്വകലാശാലയിലെ പ്രൊഫസറായിരുന്ന അദ്ദേഹം, കോവിലി മഹാമാരി വിദ്യാഭ്യാസ പ്രവർത്തനങ്ങളെ പുനർനിർവ്വചിക്കുന്ന സവിശേഷ സാഹചര്യത്തിലാണ് കേരള കേന്ദ്ര സർവ്വകലാശാലയുടെ ചുമതല ഏറ്റെടുത്തത്. ചുരുങ്ങിയ ദിവസത്തിനുള്ളിൽ തന്നെ സർവ്വകലാശാലയുടെ പ്രവർത്തനങ്ങൾ കാര്യക്ഷമമായി മുന്നോട്ടു പോകുന്നതിനുള്ള നിരവധി ഇടപെടലുകൾ അദ്ദേഹം നടത്തി.

വിദ്യാർത്ഥികൾ, അധ്യാപകർ, ജീവനക്കാർ എന്നിവരുമായി പ്രത്യേകമായി ആശയവിനിമയം നടത്തിയ വൈസ് ചാൻസലർ ആവശ്യങ്ങളും നിർദ്ദേശങ്ങളും ചോദിച്ചറിഞ്ഞു. എല്ലാവരെയും ഒരുമിപ്പിച്ച് ഒരു ലക്ഷ്യത്തോടെ മുന്നോട്ടുപോവുകയും രാജ്യത്തെ

മികച്ച സർവ്വകലാശാലകളിലൊന്നാക്കി സിയൂകെയെ മാറ്റുകയുമാണ് ലക്ഷ്യമെന്ന് അദ്ദേഹം വ്യക്തമാക്കി. പുതിയ വിദ്യാഭ്യാസ നയം നടപ്പാക്കുന്നതിന് സമിതി രൂപീകരിച്ച് പ്രവർത്തനം ആരംഭിച്ചു. സർവ്വകലാശാലയുടെ ക്യാമ്പസ് സൗന്ദര്യവൽക്കരണത്തിന് തുടക്കം കുറിച്ചു. സർവ്വകലാശാലയിൽ നടന്നുവന്നിരുന്ന കോവിലി പരിശോധന ശക്തമായി മുന്നോട്ടുപോയി.

കേന്ദ്ര വിദ്യാഭ്യാസമന്ത്രി രമേഷ് പൊഖ്രിയാൽ നിഷാങ്ക്, വിദേശകാര്യ സഹമന്ത്രി വി.മുരളീധരൻ, ആഭ്യന്തര സഹമന്ത്രി കിഷൻ റെഡ്ഡി, മുഖ്യമന്ത്രി പിണറായി വിജയൻ, ഗവർണ്ണർ ആരിഫ് മുഹമ്മദ്ഖാൻ, റവന്യൂ മന്ത്രി ഇ. ചന്ദ്രശേഖരൻ തുടങ്ങിയവരുമായി കൂടിക്കാഴ്ച നടത്തിയ വൈസ് ചാൻസലർ സർവ്വകലാശാലയുടെ വികസനത്തിന് പിന്തുണ അഭ്യർത്ഥിച്ചു. ക്രിയാത്മകവും സർഗ്ഗാത്മകവുമാക്കി സർവ്വകലാശാലയെ മുന്നോട്ടു നയിക്കാനുള്ള പ്രവർത്തനങ്ങൾക്ക് നേരിട്ട് നേതൃത്വം നൽകുകയാണ് വൈസ് ചാൻസലർ.



ദേശീയ അധ്യാപക ദിനം ആഘോഷിച്ചു

വിദ്യാർത്ഥികളുടെ ചിന്തകളെ ഉദ്ദീപിപ്പിക്കുകയാണ് അധ്യാപകരുടെ പ്രധാനധർമ്മമെന്നും അതിലൂടെ രാഷ്ട്രപുനർനിർമ്മാണത്തിനുള്ള ചാലകശക്തികളായി അധ്യാപകർ മാറേണ്ടത് അനിവാര്യമാണെന്നും കേരള കേന്ദ്ര സർവ്വകലാശാല വൈസ് ചാൻസലർ പ്രൊഫ. എച്ച്. വെങ്കടേശ്വർലു. സർവ്വകലാശാലയിലെ വിദ്യാഭ്യാസ വിഭാഗത്തിന്റെ നേതൃത്വത്തിൽ സംഘടിപ്പിച്ച ദേശീയ അധ്യാപക ദിനാഘോഷത്തിൽ സംസാരിക്കുകയായിരുന്നു അദ്ദേഹം. ദ്രുതഗതിയിൽ മാറ്റങ്ങൾക്ക് വിധേയമായിക്കൊണ്ടിരിക്കുന്ന കാലത്ത് സോഷ്യൽ എൻജിനീയറിങ്ങ് അധ്യാപകരുടെ ഉത്തരവാദിത്വമാണ്. അധ്യാപക അവാർഡ് നേടിയ അധ്യാപകരുമായും സമീപപ്രദേശങ്ങളിലെ മികച്ച അധ്യാപകരുമായും കേന്ദ്രസർവ്വക

ലാശാല ഊഷ്മളമായ ബന്ധം നിലനിർത്തുന്നതിനും അവരുടെ സേവനങ്ങൾ ഉപയോഗിക്കുന്നതിനും ആവശ്യമായ പദ്ധതികൾ രൂപീകരിക്കുമെന്നും വൈസ് ചാൻസലർ വ്യക്തമാക്കി. ദേശീയ തലത്തിൽ അധ്യാപക അവാർഡ് നേടിയവരെ ചടങ്ങിൽ ആദരിച്ചു. അവാർഡ് ജേതാക്കളായ ശ്രീനിവാസൻ വി, ഡോ. കൊടക്കാട് നാരായണൻ, മഹേഷ് കുമാർ എം, കുഞ്ഞമ്പു പൊതുവാൾ എം, കെ എൻ അരവിന്ദാക്ഷൻ, വെള്ളിക്കോത്ത് വിഷ്ണുഭട്ട് എന്നിവർ ആശംസ അർപ്പിച്ചു. പ്രൊഫ. വി. മുഹമ്മദുണ്ണി ഏലിയാസ് മുസ്തഫ അധ്യക്ഷതവഹിച്ചു. രജിസ്ട്രാറായിരുന്ന ഡോ. എ രാധാ കൃഷ്ണൻ നായർ സ്വാഗതവും വിദ്യാഭ്യാസ വകുപ്പ് മേധാവി പ്രൊഫ. അമൃത് ജി കുമാർ നന്ദിയും പറഞ്ഞു.

മിസൈൽമാനും മെട്രോമാനും ആദരം സിയ്യുകയിൽ രണ്ട് പുതിയ സെന്ററുകൾ

ഇന്ത്യൻ മിസൈൽ ടെക്നോളജിയുടെ പിതാവായ മുൻ രാഷ്ട്രപതി എ പി ജെ അബ്ദുൾ കലാമിനെയും മെട്രോറെയിൽ നിർമ്മാണത്തിലൂടെ ഇതിഹാസമായ ഇ ശ്രീധരനെയും ആദരിച്ച് കേരള കേന്ദ്ര സർവ്വകലാ ശാലയിൽ രണ്ട് പുതിയ സെന്ററുകൾ ആരംഭിച്ചു. ഡോ. എ പി ജെ അബ്ദുൾ കലാം സെന്റർ ഫോർ എക്സ്റ്റൻഷൻ ആക്റ്റിവിറ്റീസ്, ഇ. ശ്രീധരൻ സെന്റർ ഫോർ ലൈഫ് സ്കിൽസ് എഡ്യൂക്കേഷൻ എന്നീ സെന്ററുകളാണ് തുടങ്ങിയത്. വൈസ് ചാൻസലർ പ്രൊഫ. എച്ച് വെങ്കടേശ്വർലുവിന്റെ അധ്യക്ഷതയിൽ ചേർന്ന ഇരുപതാം അക്കാദമിക് കൗൺസിൽ യോഗത്തിലാണ് ഇവ സ്ഥാപിക്കാൻ തീരുമാനമായത്.

സർവ്വകലാശാലയിലെ മുഴുവൻ പഠനവകുപ്പുകളും സംഘടിപ്പിക്കുന്ന എക്സ്റ്റൻഷൻ പരിപാടികൾ ഡോ. എ പി ജെ അബ്ദുൾ കലാം സെന്റർ ഫോർ എക്സ്റ്റൻഷൻ ആക്റ്റിവിറ്റീസിന്റെ കീഴിൽ വരും. വാഴ്സിറ്റിയെ പൊതുസ മുഹത്തിലേക്ക് എത്തിക്കുന്നതിന്റെ ഭാഗമായി ട്രായിരിക്കും സെന്ററിന്റെ പ്രവർത്തനങ്ങൾ എക്സീക്യൂട്ടീവ് കൗൺസിൽ വർഷങ്ങളിൽ പെരിയയിലും സമീപ പ്രദേശങ്ങളിലെയും സ്കൂൾ, കോളേജ് എന്നിവിടങ്ങളിലും പൊതുജനകേന്ദ്രങ്ങളിലും സർവ്വകലാശാലയുടെ വിവിധ വകുപ്പുകളും എൻ എസ് എസ് അടക്കമുള്ള

വ്യത്യസ്ത സെല്ലുകളും നിരവധി എക്സ്റ്റൻഷൻ പരിപാടികൾ നടത്തിയിരുന്നു. ഇത്തരം പ്രവർത്തനങ്ങൾ പുതിയ സെന്റർ ഏകോപിപ്പിക്കും. വിദ്യാഭ്യാസ വകുപ്പിന് കീഴിൽ നൽകിക്കൊണ്ടിരിക്കുന്ന ജീവിത നൈപുണ്യ പരിശീലനങ്ങൾ, കൂടുതൽ വിപുലമാക്കാനാണ് ഇ ശ്രീധരൻ സെന്റർ ഫോർ ലൈഫ് സ്കിൽസ് എഡ്യൂക്കേഷൻ എന്ന പുതിയ സെന്ററിലൂടെ ലക്ഷ്യമിടുന്നത്. ലൈഫ് സ്കിൽസ് അപര്യാപ്തതയുടെ തിരിച്ചറിവാണ് യൂണിവേഴ്സിറ്റിക്ക് ഇത്തരമൊരു തീരുമാനമെടുക്കാൻ പ്രചോദനമായത്. ജീവിത പ്രതിസന്ധികളെ മറികടക്കാനുള്ള ശേഷി വർദ്ധിപ്പിക്കുക, ചുറ്റുപാടുകളെയും കുടുംബത്തെയും സമൂഹത്തെയും നന്നായി നയിക്കാനുള്ള ശേഷിവർദ്ധിപ്പിക്കുക എന്നിങ്ങനെയുള്ള ലക്ഷ്യത്തോടെ തയ്യാറാക്കുന്ന ആറുമാസം ദൈഘ്യമുള്ള സർട്ടിഫിക്കറ്റ് കോഴ്സും, ഒരു വർഷം ദൈഘ്യമുള്ള പിജി ഡിപ്ലോമ കോഴ്സും സെന്ററിന്റെ നേതൃത്വത്തിൽ നടക്കുന്നുണ്ട്. ജില്ലയുടെ വികസനത്തിന് ആക്കം കൂട്ടുന്നതിന് ഒരു ദേശീയ ഉന്നത വിദ്യാഭ്യാസ സ്ഥാപനത്തിന് നൽകാനാവുന്ന മുഴുവൻ ഇടപെടലുകളും നടത്താനുള്ള ശ്രമത്തിന്റെ ഭാഗമായാണ് ഈ രണ്ട് സെന്ററുകളും സ്ഥാപിക്കപ്പെടുന്നത്.



പതിനാലാം റാങ്കിന്റെ തിളക്കവുമായി സിയുകെ

രാജ്യത്തെ മികവുറ്റ കേന്ദ്രസർവകലാശാല റാങ്കിങ് പട്ടികയിൽ പതിനാലാം സ്ഥാനം നേടി കേരള കേന്ദ്ര സർവകലാശാല. അക്കാദമിക്, റിസർച്ച് മികവ്, ഇൻഡസ്ട്രി ഇന്റർഫേസ്, പ്ലേസ്മെന്റ്, ഇൻഫ്രാസ്ട്രക്ചർ സൗകര്യങ്ങൾ, ഭരണ നിർവഹണം, വിദ്യാർത്ഥി പ്രവേശനം, വൈവിധ്യം, ഔട്ട്റീച്ച് എന്നിവ അടിസ്ഥാനപ്പെടുത്തി, ഔട്ട്ലുക്ക് ഇന്ത്യാ മാഗസിൻ നടത്തിയ വാർഷിക റാങ്കിങ്ങിലാണ് സിയുകെ തിളക്കമാർന്ന റാങ്ക് നേടിയത്.

രാജ്യത്തെ കേന്ദ്ര സർവകലാശാലകളിൽ പ്രവേശനം ആഗ്രഹിക്കുന്ന വിദ്യാർത്ഥികൾക്കുള്ള ഉന്നതവിദ്യാഭ്യാസ ഓപ്ഷനുകൾ സംബന്ധിച്ച സർവ്വേയുടെ ഭാഗമായാണ് റാങ്കിംഗ് നടത്തിയത്. അന്തിമ റാങ്ക് പട്ടികയിൽ

ഇരുപത്തിഅഞ്ച് വാഴ്സിറ്റികളാണ് സ്ഥാനം ഉറപ്പിച്ചിട്ടുള്ളത്.

സി.യു.കെ മെച്ചപ്പെടുത്തേണ്ട മേഖലകൾ ഞങ്ങൾ തിരിച്ചറിയുകയാണ്. ആവശ്യമായ നടപടികൾ ആരംഭിക്കുന്നു. ഇതിനകം തന്നെ ഐക്യഎസി ടീം വിശദാംശങ്ങൾ തയ്യാറാക്കുന്നുണ്ട്. വൈസ് ചാൻസലർ പ്രൊഫ. എച്ച്. വെങ്കടേശ്വരൻ പറഞ്ഞു.

വാഴ്സിറ്റി സംരംഭങ്ങളുമായി സഹകരിക്കാൻ വിസി പൊതു പ്രതിനിധികൾ ഉൾപ്പെടെയുള്ള പ്രാദേശിക അധികാരികളോട് അഭ്യർത്ഥിച്ചു. സെൻട്രൽ ഇൻസ്ട്രുമെന്റേഷൻ ലാബ് ഒരു മുൻഗണന ആയിരിക്കും. കേരളത്തിലെ കോർപ്പറേറ്റ് മേഖലയും സിയുകെയെ സഹായിക്കാൻ മുന്നോട്ട് വരണം. അദ്ദേഹം കൂട്ടിച്ചേർത്തു.

കമ്പ്യൂട്ടർ ആംഗ്യഭാഷാ രൂപകൽപന കേന്ദ്ര സർവകലാശാല അധ്യാപകനും ഗവേഷകയ്ക്കും പേറ്റന്റ്

കമ്പ്യൂട്ടർ ഉപയോഗിക്കുന്ന ബധിരർ നേരിടുന്ന വെല്ലുവിളികൾ അതിജീവിക്കുന്നതിന് പരിഹാരമായി, ആംഗ്യഭാഷ പിടിച്ചെടുക്കുന്ന തരത്തിലുള്ള, ക്യാമറയുമായി സ്ഥാനം ക്രമീകരിക്കുന്ന ഉപകരണത്തിന്റെ രൂപകൽപ്പന നടത്തി കേരളാ കേന്ദ്ര സർവകലാശാല അധ്യാപകനും ഗവേഷണ വിദ്യാർത്ഥിനിയും പേറ്റന്റ് നേടി. കമ്പ്യൂട്ടർ സയൻസ് വിഭാഗം അസോസിയേറ്റ് പ്രൊഫസർ ഡോ. ആർ രാജേഷും അദ്ദേഹത്തിന്റെ കീഴിൽ ഗവേഷണം നടത്തുന്ന വി ആദിത്യയുമാണ് രണ്ട് വർഷം നീണ്ട ഗവേഷണ പ്രവർത്തനങ്ങളിലൂടെ, ഇത്തരമൊരു രൂപകൽപ്പന പൂർത്തിയാക്കുന്നതിൽ വിജയം കരസ്ഥമാക്കിയത്.

2016ലാണ് സർവകലാശാലയുടെ കമ്പ്യൂട്ടർ സയൻസ് ഡിപ്പാർട്ട്മെന്റിൽ ഗവേഷണം ആരംഭിച്ചത്. ശരിയായ ആശയവിനിമയ സൗകര്യങ്ങളുടെ അഭാവം ബധിരർക്ക് ഒരു പ്രധാനവെല്ലുവിളിയാണെന്ന് മനസ്സിലാക്കാൻ ഈ ഗവേഷണം ഇരുവരെയും സഹായിച്ചു. ആംഗ്യഭാഷ തിരിച്ചറിയുന്നതിനായി, ഫലപ്രദമായ രീതികൾ വികസിപ്പിക്കുന്നതുമായി ബന്ധപ്പെട്ട് സംഘം നിരവധി പ്രബന്ധങ്ങൾ പ്രസിദ്ധീകരിച്ചു. സമൂഹത്തിന് ആംഗ്യഭാഷാ അംഗീകാരത്തിനായി ഒരു ഏകീകൃത സംവിധാനം വികസിപ്പിക്കുകയായിരുന്നു ഇവർ ലക്ഷ്യമിട്ടത്.

സമൂഹത്തിലെ ശ്രവണ ഭൂരിപക്ഷവുമായി ബധിരർ ഇടപഴകാൻ ആഗ്രഹിക്കുമ്പോൾ ആംഗ്യഭാഷയുമായി

ഉള്ള ആശയവിനിമയം പലപ്പോഴും പരാജയപ്പെടുന്നു. കാരണം ഓരോ വ്യക്തിയും ആംഗ്യഭാഷാ ആംഗ്യങ്ങൾ പഠിക്കുന്നത് പ്രായോഗികമല്ല. പരമ്പരാഗത മാനുവൽ വ്യാഖ്യാനം ബധിരരുടെ ജീവിതത്തിലെ ഓരോ സാഹചര്യത്തിലും കമ്പ്യൂട്ടറിന് പ്രായോഗിക പരിഹാരമാകുന്നില്ല. ഏതെങ്കിലും തത്സമയ ദർശനം അടിസ്ഥാനമാക്കിയുള്ള ആംഗ്യ തിരിച്ചറിയൽ ആപ്ലിക്കേഷന്റെ വിജയത്തിന് ശരിയായ “ഹാൻഡ് ജെസ്റ്റർ ഡാറ്റാ ഏറ്റെടുക്കൽ” അത്യാവശ്യമാണ്. അലങ്കോലപ്പെട്ട പശ്ചാത്തലത്തിലോ ഏകീകൃതമല്ലാത്ത പ്രകാശാവസ്ഥയിലോ പ്രവർത്തിക്കുന്ന ഒരു തത്സമയ കൈ ആംഗ്യ തിരിച്ചറിയൽ ഉപകരണം പോലും ബധിരരെ ഉയർന്ന കൃത്യതയോടെ ആശയവിനിമയം നടത്താൻ സഹായിക്കില്ല.

അതിനാൽ ആംഗ്യഭാഷാ സവിശേഷതകൾ സ്വപ്രേരിതമായി തിരിച്ചറിയുന്നതിനായി വിശ്വസനീയമായ സംവിധാനങ്ങൾ വികസിപ്പിക്കേണ്ടതിന്റെ ആവശ്യകത നിഷേധിക്കാൻ നാവില്ല. കമ്പ്യൂട്ടർ ആംഗ്യഭാഷാ പഠനത്തിലെ ഏറ്റവും പ്രധാനപ്പെട്ട ചുവടുവെപ്പാണ് ഇത്തരമൊരു ഡിസൈനിലൂടെ സാധ്യമായിരിക്കുന്നത് എന്നാണ് ഈ മേഖലയിലെ വിദഗ്ധരുടെ വിലയിരുത്തൽ. ഇത് കൂടുതൽ കണ്ടുപിടുത്തങ്ങൾക്ക് വഴിയൊരുക്കും എന്നാണ് പ്രതീക്ഷിക്കുന്നത്. അതിനുള്ള ഊർജ്ജമാണ് ഈ പേറ്റന്റിലൂടെ ലഭ്യമായിരിക്കുന്നത് എന്ന് ഡോ. രാജേഷ് പറഞ്ഞു.



പുതിയ ദേശീയ വിദ്യാഭ്യാസ നയം വ്യവസ്ഥാപരമായ പരിഷ്കരണത്തിന്: വി മുരളീധരൻ

കേന്ദ്ര സർക്കാർ അവതരിപ്പിച്ച പുതിയ ദേശീയ വിദ്യാഭ്യാസനയം ഭാരതത്തിന്റെ വ്യവസ്ഥാപരമായ പരിഷ്കരണം ലക്ഷ്യമാക്കിയുള്ളതാണെന്ന് കേന്ദ്ര വിദേശകാര്യ സഹമന്ത്രി വി മുരളീധരൻ. കേരള കേന്ദ്ര സർവകലാശാല വിദ്യാഭ്യാസ വകുപ്പ് സംഘടിപ്പിച്ച ദേശീയ ശില്പശാല ഉദ്ഘാടനം ചെയ്ത് സംസാരിക്കുകയായിരുന്നു അദ്ദേഹം. ചരിത്രാതീതകാലം മുതൽക്കേ, ഭാരതം അറിയാപ്പെട്ടത് വിശ്വഗുരു എന്ന പേരിലാണ്. അതിന്റെ അടിസ്ഥാനത്തിൽ, മനുഷ്യ വിഭവത്തിന്റെ പരമാവധി സാധ്യതകളെ ഉപയോഗിക്കുന്ന തരത്തിലാണ് പുതിയ നയം രൂപീകരിച്ചിരിക്കുന്നത്. ദേശീയ വികസനം എന്നത് അതിന്റെ പ്രധാനലക്ഷ്യങ്ങളിൽ ഒന്നാണ്. മൂല്യങ്ങൾ മുറുകെ പിടിക്കുന്ന, മികച്ച ഊർജ്ജം ഉപയോഗപ്പെടുത്തുന്ന, സാമൂഹിക ഉത്തരവാദിത്വം പൂർത്തിയാക്കുന്ന തരത്തിലാണ് അത് ഘടനാവൽക്കരിച്ചിരിക്കുന്നത്.

സിയിുകെ വൈസ് ചാൻസലർ പ്രൊഫ. എച്ച്.

വെങ്കടേശ്വർലു, പോണ്ടിച്ചേരി സർവകലാശാല വൈസ് ചാൻസലർ പ്രൊഫ. ഗുർമീത് സിങ്, ഇഗ്നോ വൈസ് ചാൻസലർ പ്രൊഫ. നാഗേശ്വർ റാവു, ത്രിപുര സർവകലാശാല വൈസ് ചാൻസലർ പ്രൊഫ. ഗംഗാ പ്രസാദ് പ്രസൻ, ആന്ധ്രാപ്രദേശ് സെൻട്രൽ ട്രൈബൽ യൂണിവേഴ്സിറ്റി വൈസ് ചാൻസലർ പ്രൊഫ. ടി വി കട്ടിമണി, മിസോറം സർവകലാശാല വൈസ് ചാൻസലർ പ്രൊഫ. കെ ആർ എസ് സാംബാശിവ റാവു, മഹാരാജ സയജി റാവു ബറോഡ യൂണിവേഴ്സിറ്റി വൈസ് ചാൻസലർ പ്രൊഫ. പരിമൽ എച്ച് വ്യാസ്, ആന്ധ്രാപ്രദേശ് സെൻട്രൽ യൂണിവേഴ്സിറ്റി വൈസ് ചാൻസലർ പ്രൊഫ. എസ് എ കോറി, തമിഴ്നാട് സെൻട്രൽ യൂണിവേഴ്സിറ്റി വൈസ് ചാൻസലർ പ്രൊഫ. കെ കർപ്പഗ കുമാരവേൽ എന്നിവർ ചർച്ചകൾ നയിച്ചു. വകുപ്പധ്യക്ഷൻ പ്രൊഫ. അമൃത് ജി കുമാർ, ഡീൻ മുഹമ്മദുണ്ണി മുസ്തഫ എന്നിവർ സംസാരിച്ചു.

വൈറസ് ജന്യ രോഗങ്ങളുടെ പരിശോധനയും ഗവേഷണവും; കേന്ദ്ര സർവകലാശാലയിൽ സ്ഥിരം സംവിധാനം വരുന്നു

കോവിഡ് കാലത്തെ പ്രതിരോധ പ്രവർത്തനങ്ങൾ ഭാവിയിലും തുടരാൻ കേരള കേന്ദ്ര സർവകലാശാല വൈറസ് ജന്യ രോഗങ്ങളുടെ പരിശോധനയ്ക്കും ഗവേഷണത്തിനുമായി സ്ഥിരംസംവിധാനം ഒരുക്കാൻ തീരുമാനം. സംസ്ഥാന ആരോഗ്യവകുപ്പുമായി ചേർന്ന് സംയുക്തമായാണ് പദ്ധതി ആരംഭിക്കുന്നത്. ഇതിനായി പ്രധാനകൃയാപസിൽ നിന്ന് മാറിയുള്ള പെരിയ-തണ്ണോട്ട് റോഡിലുള്ള കെട്ടിടം സർവകലാശാല വിട്ടുനൽകും. അടിസ്ഥാനസൗകര്യങ്ങളും നൈപുണ്യവും നൽകും. സാങ്കേതിക സംവിധാനങ്ങൾ സംസ്ഥാന സർക്കാർ ഒരുക്കും. 1.6 കോടി രൂപ ഇതിനായി അനുവദിക്കും.

കേന്ദ്ര-സംസ്ഥാന സർക്കാരുകളുടെ സഹായത്തോടെ വൈറസ് രോഗങ്ങളുടെ ഉന്നത ഗവേഷണ കേന്ദ്രമായി ഉയർത്തുന്നതിന് സർവകലാശാല തയ്യാറെടുത്തു. അംഗീകാരം നൽകി. കോവിഡ് മഹാമാരിക്കെതിരെ സർവകലാശാലയുടെ നേതൃത്വത്തിൽ നടക്കുന്ന പ്രതിരോധ പ്രവർത്തനങ്ങൾ പ്രശംസിക്കപ്പെട്ടിരുന്നു. ഒരു

ലക്ഷത്തിലധികം സാമ്പിളുകൾ സർവകലാശാലയിൽ പരിശോധിച്ചു. നിലവിലെ കോവിഡ് പരിശോധനാ കേന്ദ്രം പുതിയ കെട്ടിടത്തിലേക്ക് മാറ്റും.

വൈറസ് ജന്യ രോഗങ്ങളുടെ പരിശോധനയ്ക്കും ഗവേഷണത്തിനുമായി സ്ഥിരം സംവിധാനം വരുന്നത് കേരളത്തിന്റെ, പ്രത്യേകിച്ച് കാസർകോട് ജില്ലയുടെ ആരോഗ്യമേഖലയെ ശക്തിപ്പെടുത്തുമെന്ന് വൈസ് ചാൻസലർ പ്രൊഫ. എച്ച്. വെങ്കടേശ്വർലു പറഞ്ഞു. വൈറസ് ജന്യരോഗങ്ങൾ വർദ്ധിക്കുന്ന കേരളത്തിൽ ഇവ ഉടനടി കണ്ടെത്താനും നിയന്ത്രിക്കാനും സാധിക്കും. മരുന്നുകളെക്കുറിച്ചും വാക്സിൻ സംബന്ധിച്ചും ഗവേഷണം നടത്തുന്നതിനും പരിഹാരങ്ങൾ നിർദ്ദേശിക്കുന്നതിനും കഴിയും. ജില്ലയിലെ ഡോക്ടർമാരുടെ സേവനവും ഇതിനായി ഉപയോഗിക്കും. കോവിഡ് പ്രതിരോധ പ്രവർത്തനങ്ങളിൽ സർവകലാശാല മുൻപന്തിയിലാണുള്ളത്. സമൂഹത്തിനുള്ള സേവനം സർവകലാശാല തുടരും അദ്ദേഹം കൂട്ടിച്ചേർത്തു.



"Ek Bharat Shreshtha Bharat" Photography Contest: Ist Prize
Sreejith B (Dept. of Environmental Science, 2018-2020)