



# सी यू केरल न्यूज़लेटर

## CU KERALA NEWSLETTER

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### तृतीय दीक्षांत समारोह

केरल केन्द्रीय विश्वविद्यालय के लिए 3 मार्च 2019 एक गरिमामयी दिवस था क्योंकि उसी दिन विश्वविद्यालय का तृतीय दीक्षांत समारोह समूचित ढंग से आयोजित किया गया था। केरल के माननीय राज्यपाल जस्टिस पी. सदाशिवम समारोह में मुख्य अतिथि रहे और जिन्होंने दीक्षांत समारोह भाषण प्रस्तुत किया। कुलपति प्रो. (डॉ.) जी गोप कुमार ने स्वागत भाषण दिया। विश्वविद्यालय के माननीय कुलाधिपति प्रो. एस.वी. शेषगिरि राव सारोह का अध्यक्ष रहे। कुलसचिव डॉ.ए.राधाकृष्णन नायर ने माननीय कुलपति महोदय से दीक्षांत समारोह का आरंभ होने की घोषणा करने के लिए अनुरोध किया और कुलपति महोदय ने माननीय कुलाधिपति की अनुमति से दीक्षांत समारोह का आरंभ होने की घोषणा की। तत्पश्चात् माननीय कुलाधिपति महोदय द्वारा औपचारिक रूप से उपाधियों की घोषणा की गई और प्रत्येक स्कूलों के अधिष्ठाताओं ने अपने - अपने उम्मीदवारों को दीक्षांत समारोह के सम्पूर्ण प्रस्तुत किया। सम-कुलपति प्रो. (डॉ.) के जयप्रसाद ने आशीर्वाद भाषण दिया। डॉ. एम. मुरलीधरन नम्बार, परीक्षा नियंत्रक ने धन्यवाद ज्ञापित किया और उस के उपरान्त कुलसचिव ने समारोह की परिसमाप्ति की घोषणा की। दीक्षांत समारोह में कुल 790 उम्मीदवारों को उपाधियां प्रदान की गईं जिन्होंने अपने स्नातक, परास्नातक या पी.एच.डी की पूर्ति की हैं।

अपने दीक्षांत समारोह भाषण के दैरान माननीय राज्यपाल जस्टिस पी.सदाशिवम ने कहा कि शिक्षा एक अनवरत प्रक्रिया है जो एक उपाधि पाठ्यक्रम की परिसमाप्ति के साथ समाप्त नहीं हो जाती है। युवा पीढ़ी द्वारा हासिल की जानेवाली शिक्षा का फल समाज में सही समय पर पहुंचना अनिवार्य है। उच्चशिक्षा प्राप्त

करनेवाले विद्यार्थियों को हमेशा पुस्तकालय में व्यतीत करने या डाटाबेस में अपने अन्वेषण को सीमित रखने की ज़रूरत नहीं है। बल्कि उन्हें अपने चारों ओर के समाज पर बहुत ध्यान और पूरी ईमानदारी के साथ नज़र डालना अनिवार्य है। भारतीय संविधान की प्रस्तावना एवं एक भारतीय नागरिक के मौलिक कर्तव्यों के बारे में स्कूल एवं विश्वविद्यालय के स्तर पर अध्ययन किया जाना अनिवार्य है। और परिसरों को हिंसक राजनीति ते मुक्त कर देने का यह समय है, उन्होंने जोड़ दिया।

सुबह 11 बजे विश्वविद्यालय के पुराने परिसर के सामने से शैक्षणिक शोभायात्रा आरंभ हुई जिस का नेतृत्व विश्वविद्यालय झंडा थामे हुए परीक्षा नियंत्रक ने

किया और शोभायात्रा चंद्रगिरि ओपन एयर थियटर में सजित दीक्षांत समारोह स्थल में पहुंच गई। मुख्य अतिथि महोदय, विश्वविद्यालय के कार्यकारी परिषद्, कोर्ट, शैक्षणिक परिषद् एवं वित्त समिति के सदस्यों, समस्त स्कूलों के अधिष्ठाताओं, विभागाध्यक्षों और संकाय सदस्यों ने अपने-अपने गाउन पहनते हुए शोभायात्रा में भाग लिया। विद्यार्थी गण अपने-अपने निर्धारित कलर कोड के गाउन पहनकर पहले ही समारोह स्थल में उपस्थित थे। विद्यार्थियों के माता-पिता, गैर-अध्यापक कर्मचारी गण और समीपस्थ विद्यालयों तथा महाविद्यालयों के विद्यार्थियों और अध्यापकों सहित सभी आमंत्रित लोग समारोह में उपस्थित थे।

### THIRD CONVOCATION



3<sup>rd</sup> March 2019 was one of the glorious days for the Central University of Kerala as the Third Convocation was held on that day in a grand manner. Justice P.Sathasivam, Hon'ble Governor of



## संदेश / Message

नमस्कार,

केरल केन्द्रीय विश्वविद्यालय ने उच्च शिक्षा एवं अनुसंधान के क्षेत्र में अपनी 10 साल की सफल यात्रा की पूर्ति की है। 10-वां स्थापना दिवस समारोह दिनांक 2 मार्च 2019 को आयोजित किया गया जिस में गुजरात केन्द्रीय विश्वविद्यालय के माननीय कुलपति प्रो. (डॉ.) एस.ए.बारी मुख्य अतिथि के रूप में आमंत्रित थे। और तृतीय दीक्षांत समारोह भी 10 वां स्थापना दिवस में संपन्न हुआ जिस में केरल के माननीय राज्यपाल जस्टिस पी. सदाशिवम ने दीक्षांत समारोह भाषण प्रस्तुत किया।

आज केरल केन्द्रीय विश्वविद्यालय को भारत सरकार के मानव संसाधन विकास मंत्रालय के अधीन आनेवाले नेशनल इंस्टिट्यूशनल रैंकिंग फ्रेंचर्क (एन.आई.आर.एफ 2019) द्वारा आयोजित सर्वेक्षण के आधार पर भारत के प्रमुख शिक्षा संस्थानों में प्रथम 150 के बीच का रैंक प्राप्त हुआ है। यह विजय बहुत महत्वपूर्ण है क्योंकि यह विश्वविद्यालय केवल एक दशक के उप्रवाला विश्वविद्यालय है। नए चार परास्नातक पाठ्यक्रमों का आरंभ करने के लिए विश्वविद्यालय को अनुमोदन प्राप्त हुआ है जैसे प्रबंधन अध्ययन, पर्यटन एवं आतिथ्य प्रबंधन, वाणिज्य और अंतर्राष्ट्रीय व्यापार और कन्फ्रंड भाषा। इन पाठ्यक्रमों का आरंभ आनेवाले शैक्षणिक वर्ष में हो जाएगा। विद्यार्थियों, अध्यापकों तथा गैर-शैक्षणिक कर्मचारियों की संख्या में भी इस साल में वृद्धि हो जाएगी। इन उपलब्धियों के अतिरिक्त, प्रशासनिक भवन, शिक्षा स्कूल, योग अध्ययन विभाग जैसे मकानों के एक नए समूह का निर्माण प्रगति में है और जल्दी ही दो नए छात्रावासों की भी पूर्ति होने की उम्मीद है। तेजस्वी हिल्स के दक्षिण परिसर में अतिथि गृह का निर्माण प्रारंभ हुआ है।

इस प्रकार यह परिसर राष्ट्रीय तथा अंतर्राष्ट्रीय स्तर पर उच्च शिक्षा का एक आकर्षण केन्द्र के रूप में यथाशीघ्र परिवर्ति हो रहा है।

सी.यू.केरल न्यूज़लेटर के नए अंक के लिए मेरी शुभकामनाएँ  
आप का,

प्रो. (डॉ.) जी. गोप कुमार  
कुलपति

Dear all,

The Central University of Kerala completed its 10 years of successful journey in higher education and research. The 10<sup>th</sup> Foundation Day was celebrated on 2<sup>nd</sup> March 2019 in which Prof. S.A. Bari, Vice-Chancellor of CU Gujarat attended as the chief guest. The Third Convocation of the University was also held on the 10<sup>th</sup> Foundation day itself and Justice P. Sathasivam, Hon'ble Governor of Kerala delivered the Convocation speech.

Now the CUK is ranked among the top 150 premier educational institutions across India, as per the survey of the National Institutional Ranking Framework (NIRF 2019), MHRD, Govt of India. This success is highly significant, as the CUK is only a decade old University. The University has received approval for four new PG departments viz Management Studies, Tourism and Hospitality Management, Commerce and International Business and Kannada language. These departments and its courses will be launched in the forthcoming academic year. The strength of students, teachers and non-teaching staff will also be increasing this year. In addition to these achievements, the construction work of a bunch of new buildings like Administrative Block, School of Education and the Department of Yoga Studies are under progress and two more new hostel buildings are expected to be completed soon. We have also started the construction of Guest House in the South Campus of Tejaswini Hills.

Thus the CUK campus is going to become a national as well as international centre of attraction for higher education very soon.

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

Sincerely,

Prof. (Dr.) G. Gopa Kumar  
Vice-Chancellor



Kerala was the Chief guest of the function. He delivered the Convocation address in the function. Vice Chancellor Prof.(Dr.) G.Gopa Kumar delivered the welcome speech. University's Hon'ble Chancellor Prof. S.V. Sheshagiri Rao presided over the function. Registrar Dr.A.Radhakrishnan Nair requested the Hon'ble Vice-Chancellor to declare the convocation open and the Vice-Chancellor with the permission of the Hon'ble Chancellor declared the convocation open. Thereafter the Chancellor declared the award of Degrees and the Deans of each School presented their candidates in the convocation. Prof. (Dr.) K.Jayaprasad, Pro Vice-Chancellor, felicitated the function. The Controller of Examinations Dr.M.Muralidharan Nambiar proposed the vote of thanks and the Registrar announced the closure of the convocation. A total of 790 candidates who completed their UG, PG and Ph.D programmes were awarded with Degree Certificates in the convocation.

In his convocation address, Hon'ble Governor of Kerala, Justice P.Sathasivam said that education is a never ending activity which does not end with the



completion of a degree course. The education obtained by the young generation should be beneficial for the society as and when it needs it. The students who pursue their higher education should not sit confined in the library or stop their academic explorations with the database. But they should observe the society around them with full attention and sincerity. The Preamble of the Indian Constitution and the Fundamental Duties of the Indian citizen should be taught in the school level and the university level. It is time to free the campuses from violent politics, he added.

At 11.0 am the Academic procession led by the Controller of Examinations holding the University

flag started in front of the old campus and reached the venue, Chandragiri Open Air Theatre. The Chief Guest, the members of the Executive Council, the Court, the Academic Council and the Finance Committee, the Deans of all Schools, the HODs and the Faculty Members of the University participated in the procession in their respective gowns. The students were already present in the venue wearing their respective gowns in various colour codes. Prof. S. A. Bari, Vice Chancellor of Central University of Gujarat, Parents, Non-teaching fraternity and other invited guests including the students and teachers of the nearby schools and colleges also attended the programme.



# 10-वां स्थापना दिवस समारोह एवं भाषण



केरल केन्द्रीय वीश्वविद्यालय के लिए 2 मार्च किया। प्रो. (डॉ.) एम. मोहनदास, सदस्य, कार्यकारी परिषद् एवं श्री सचिन गोपु, अध्यक्ष, छात्र परिषद् ने समारोह में आशिर्वाद भाषण दिया। डॉ.ए. राधाकृष्णन नायर, कुलसचिव ने कार्यक्रम में उपस्थित थे और डॉ.मुहम्मदुल्हिंग एतियास मुस्तफा ने धन्यवाद ज्ञापित किया।

माननीय कुलाधिपति प्रो. एस.वी. शेषगिरि राव ने समारोह की अध्यक्षता की। सम-कुलपति प्रो. (डॉ.) के. जयप्रसाद ने स्वागत भाषण दिया। कुलपति प्रो. (डॉ.) जी. गोप कुमार ने विश्वविद्यालय के 10 वर्ष का प्रतिवेदन प्रस्तुत कीया। गुजरात केन्द्रीय विश्वविद्यालय के माननीय कुलपति प्रो. (डॉ.) एस.ए.बारी ने 10 वां स्थापना दिवस भाषण प्रस्तुत

दो नए छात्रावास, सामान्य रसोई एवं भोजनालय आदि शामिल हैं। उन्होंने जोड़ दिया कि वर्ष 2019 विश्वविद्यालय की बुनियादी सुविधाओं में आनेवाली उल्लेखनीय प्रगति एवं शैक्षणिक विकासों के लिए साक्षी बन जाएगा।

मुख्य अतिथि प्रो. (डॉ.) एस.ए. बारी ने 'भारत में उच्च शिक्षा के बदलते प्रतिमान - अतीत, वर्तमान और भविष्य' विषय पर स्थापना दिवस भाषण दिया। उन्होंने कहा कि अभी तक हमारा देश अपने औपनिवेशिक स्वामियों द्वारा रूपांकित शिक्षा प्रणाली का अनुसरण करके आ गया है। उन्होंने जोर दिया कि भारत को आधुनिक





शिक्षा प्रणालियों को आत्मसात करना अनिवार्य है और 21 वां सदी की आवश्यकताओं की पूर्ति के लिए 19 वां सदी की शैक्षणिक वास्तु कला पर्याप्त नहीं है।

विज्ञान सप्ताह के अवसर पर आयोजित विश्वविद्यालय के विद्यार्थियों द्वारा आयोजित रंगीन प्रतियोगिताओं के विजेताओं को स्थापना दिवस समारोह के दौरान पुरस्कार वितरित किए गए। केरल केन्द्रीय सांस्कृतिक कार्यक्रमों के साथ समारोह समाप्त हुई।

# 10<sup>th</sup> Foundation Day Ceremony and Lecture

2<sup>nd</sup> March 2019 was a glorious day for the Central University Kerala when the University celebrated its 10<sup>th</sup> foundation day. The function was conducted in the evening at Chandragiri open air auditorium at Tejaswini Hills Campus. The Chancellor Prof S.V. Sheshagiri Rao presided over the function. Prof. (Dr.) K.Jayaprasad, Pro-Vice Chancellor, delivered the welcome speech. The Vice-chancellor Prof. (Dr.) G. Gopa Kumar, presented the ten years' report of the University. 10<sup>th</sup> Foundation Day Lecture was delivered by Prof. (Dr.) S.A. Bari, Vice Chancellor, Central University of Gujarat. Prof. (Dr.) M. Mohandas, Member, Executive Cuoncil, CUK and Shri. Sachin Gopu, President, Student Council, CUK, felicitated the



function. Dr.A Radhakrishnan Nair, Registrar attended the function. Dr. Muhammedunni Alias Musthafa proposed the vote of thanks.

Presenting the report of the University, the Vice-Chancellor informed that the Central government has recently sanctioned Rs.117 crores to carry out the next phase of the construction work which is expected to be completed by the year 2020. Construction of Administrative Block, Central Library building, Teaching staff quarters, two new hostels and the common kitchen and dining hall etc. are included in this project. He also added that the year 2019 will witness remarkable infrastructural progress as well as academic developments of the University.

The Chief guest Prof. (Dr.) S.A. Bari, delivered the Foundation Day Lecture on "Paradigm Shift in Higher Education in India: Past, Present and Future". He told that our country was following the system of education designed by our former colonial masters. He emphasized that the Indian higher education needs to absorb the modern system of education and it is clear that 19<sup>th</sup> century architecture of education will not fit into 21<sup>st</sup> century requirements.

Prizes for the winners of the competitions conducted during the Science Week were distributed in the foundation day ceremony. The ceremony ended with various colorful cultural programmes presented by the CUK students.



## Department of Chemistry

### INDUSTRIAL VISIT REPORT

As a part of our curriculum, Department of Chemistry organized an industrial visit to Saudi Arabian Basic Industries Cooperation (SABIC), Bengaluru on 14<sup>th</sup> March 2019. It is a diversified manufacturing company, active in petrochemicals, chemicals, industrial polymers, fertilizers, and metals. The visit was organized for the final year M.Sc.(Chemistry) students (twenty seven) along with Ms. Punya and Mr. Shammer, M, which was coordinated by Dr. A. Sakthivel and Dr. M. Bhagiyalakshmi.

We reached SABIC around 10 am on 14<sup>th</sup> March 2019, were received by Dr. Arun Sikder, Dr. Narayana Rao and Dr. D. Rajeshwar and were briefed on the agenda of the day. Dr. Narayana Rao briefly explained the history and development of SABIC, products and services rendered. Later SABIC team introduced the safety rules followed by the unit and the PPE (Personal Protective Equipment) which have to be worn during the visit. It was also informed to the students on how to reach a safe assembly point if any emergency situation happens during the visit. Subsequently, Dr. Gurram Kishan, director of SABIC delivered an inspiring and motivational speech, in which he stressed the need of hand in hand relationship between academics and industries. The agenda of our visit was centered on the following activities: (i) Analytical Lab Visit, (ii) Corporate labs/Polymer, (iii) Pilot plant and (iv) Catalysis lab. The lunch was offered by SABIC.

First we were taken to their catalysis laboratories. Dr. Das and Dr. Srinivas Rao introduced various important catalytic processes in petrochemical industries and the different type of reactors used. From there, we could get information on the various steps involved in the



preparation of catalysts, like ball milling, wet impregnation etc. This unit provided us with sound knowledge on different kinds of reactors used in petrochemical processes such as fluidized bed and fixed bed reactors. We were exposed to some novel instruments used in catalysis preparation like kneader, laboratory spray dryer, catalyst synthesizer, rotator furnace etc.

Then we were taken to sophisticated analytical laboratories. Dr. Vijay Sugur, Dr. Arun and Dr. Sada introduced various analytical instruments. In this session, we were exposed to instrumental methods, which include sophisticated instruments like SEM, TEM, NMR, LC-MS, MS-MS, ICP-MS. Then we visited plastic manufacturing plant and understood various processes like injection, extrusion moulding techniques. Later, we were taken to the pilot plant of the R&D, in order to make the student community understand about the functioning of a pilot plant. Dr. Ravinath Manchana helped us to grasp the importance of pilot plants in industries. A pilot plant is a pre-commercial production system. The knowledge from pilot plant helps to resolve and avoid the problems which may arise when extended to a large scale. This trip was highly meaningful for the CUK-M.Sc.(Chemistry) students, who have got the real feel of a company's working principle, focuses, safety concern etc. It was a great

opportunity to correlate the theoretical knowledge with practical implication. The visit helped students improve their understanding of related subject topics.

**Academic achievement:** One of our previous year M.Sc. students Mr. Yayati Naresh, got admission for Ph.D. at Hokkaido University, Sapporo, Japan.



Ms. Sushmita Talageri, former M.Sc. student got an opportunity at SABIC-Bangaluru in polymer division. Two M.Sc.(Chemistry) final year students Ms. Aswathy, E and Ms. Sharanya J qualified GATE-2019.

Three of our 1<sup>st</sup> year M.Sc. students, HARIPRIYA T V (at IISc Bangalore), SUPIN, K. K. (BARC-Mumbai), RAMYA P K (NIST-Trivandrum) got selected for internship programme. MERIN VARGHESE 2<sup>nd</sup> year M.Sc. student, also got in to an internship programme at JNCASR-Bengaluru.



## National Seminar: WOMEN & THE ENVIRONMENT

The Centre for Women's Studies, Central University of Kerala, organised its first National Seminar on 'Women and the Environment' on 18 and 19 March 2019 with the support of the National Commission for Women. Inaugurating the Seminar, Prof. (Dr.) G Gopakumar, Honourable Vice Chancellor, Central University of Kerala, observed that women, while being the worst victims of natural disasters, also serve as vital agents of environmental conservation and sustenance.



Dr Mohan A K, Head, Department of Social Work, Central University of Kerala, presided over the function. He voiced the need to save the environment through the participation of women.

Dr. Neelima Deshmukh, Former Professor and Head, PG Department of Public Administration & Local Government, Director of Centre for Women's studies & Development at RTM Nagpur University, delivered the keynote address. She underscored the role of women in various environmental issues on the one hand and the effect of forest regulatory laws and environment protection Acts on marginalized communities, including women, on the other. She concluded her speech expressing the conviction that India will emerge as a significant environmental force by 2030.



Dr Supriya P, Co-Ordinator, Centre for Women's Studies, welcomed the gathering and Ms Jayalakshmi Rajeev, Joint Convener and Assistant Professor, Department of Public Health and Community Medicine, proposed the vote of thanks.

The Seminar was organized in six technical sessions, focussing on diverse dimensions of the relationship between women and the environment, including Women in Conservation of Nature, Women and Disaster Management, Eco-Feminist Concerns in Literature and Films and Women and Sustainable Development. Apart from talks by academicians and activists in respective fields, the sessions also featured the presentation of academic research papers.

Mr Manu K (Secretary, HasiruHejje, a green school initiative of Mysore Amateur Naturalist), Dr Anitha A B (Executive Director, Centre for Water resources development and Management, Calicut, Kerala), Dr Vipinkumar V P (Principal Scientist, Socio-Economic & Technology Transfer division, Central Marine Fisheries Research Institute, Kochi), Dr K G Thara (Former Professor & Head, Disaster Management Centre, Thiruvananthapuram), Dr Iris Koileo (Retd. Associate Professor & Head, Department of Malayalam and Mass Communication, St Xavier's College, Thiruvananthapuram), Dr Sreejith Varma R (Assistant Professor, Department of English, School of Social Sciences & languages, VIT Vellore, Tamil Nadu), Dr Shalini M (Assistant professor, Department of English & Comparative Literature, School of Languages & Comparative Literature, Central University of Kerala), Dr Abey George (Director, Social Audit, Mahatma Gandhi NREGA Social Audit Society, Govt. of Kerala, Thiruvananthapuram), Dr Anitha Ravishankar (Director, Centre for Women's Studies & Associate Professor, Department of Sociology, Mangalore University) were the Resource persons in various technical sessions.

Research papers covering various dimensions of the subject Women and environment such as the role of women in mitigating climate change, role of women in disaster preparedness, conservation of nature through women SHGs, Sugatha Kumari and Mahasweta Devi as eco-critical voices in literature, women and environmental policy making, the role of women's organizations in environmental conservation etc. were presented over the two days. The two-day Seminar provoked interventionist thinking on the threats to our environment, the contributions women do and can make to disaster management, eco-conservation, and environmental sustainability and the importance of including women in environmental policy making.

Valedictory Session was presided over by Dr. K Jayaprasad, Pro Vice Chancellor of Central University of Kerala. Valedictory Address was delivered by Smt. Leelakumari Amma, Environmental Activist from Kasaragod.



## SPECIAL LECTURE



Centre for Women's Studies, Central University of Kerala, conducted a Special Lecture on "Women Empowerment : Emerging Trends and Challenges" on 24 January 2019 marking The National Girl Child Day. Dr. Moly Kuruvilla, Professor in Department of Women's Studies at University of Calicut was the Resource Person.

## Department of Hindi

### Resource person in International / National Seminars

#### Dr. Supriya P.

- Presented a paper titled 'Baa ke jivan ke antim din antim kshan' in the National Seminar on 'Mahatma Gandhi in Hindi Literature' on 23 January 2019 organized by the Chair for Gandhian Studies & Research, University of Calicut in collaboration with the Department of Hindi, University of Calicut.
- Presented a paper titled 'Hindi ke Vikas me vividh sansthanon ka yogdan : Keral rajya ke sandarbh me' in the International Seminar on 'Vaishvik Sthar par Hindi ka prayog aur upayog' organized by the Dept. Of Hindi & Comparative Literature of Central University of Kerala on 13,14 & 15 February 2019.
- Presented a paper titled 'Gender Samanta ke sandarbh me Gandhi ke soch aur sanskar v vartaman' in the

National Seminar on "Gandhian perspectives in Gender Equality : Power, Potentials and Prospects" jointly organized by the Department of Women's Studies, Mahatma Gandhi Antarrashtriya Hindi Vishwavidyalaya, Wardha and Institute of Gandhian Studies, Wardha on 28,29 & 30 March 2019.

"Intersectional Approaches to Addressing Gender, Religion, Culture : South India Focus" jointly organized by Indian Association For Women's Studies (IAWS), KILA and Department of Women's Studies, University of Calicut, Kerala on 30<sup>th</sup> 31<sup>st</sup> January 2019

### Invited Talk

Talk on "Naya Saal : Nayi Chunautiyan" at All India Radio - Kozhikode broadcast on 1<sup>st</sup> January 2019

## INTERNATIONAL WOMEN'S DAY



Inauguration of International Women's Day Celebration Honorable Vice Chancellor of Central University of Kerala Prof. (Dr.) G. Gopa Kumar.

The Centre for Women's Studies of Central University of Kerala in collaboration with The 'Penma' Womens Club in the Department of Malayalam of Central University of Kerala, celebrated the International Women's Day on 8<sup>th</sup> March. To mark the celebration of Womanhood on this day Environmental Activist Smt. LeelaKumariAmma, eminent Malayalam Poetess Smt. Kanimol and Personality Development

Trainer Ms. Priya Sivadas were felicitated. They shared their experiences with the University community of students and academicians.

A personality Development Training programme on 'HOW TO BUILD BETTER LIFE AND CAREER' was conducted by Priya Sivadas, Founder Mentor from Training for U, Training and Consultations Cochin, in the afternoon of 8<sup>th</sup> March 2019.



Guest of Honour  
Smt. Leelakumari Amma  
Environmental Activist  
from Kasaragod

Guest of Honour  
Smt. Kanimol  
Renowned Malayalam  
Poetess

Guest of Honour  
Ms. Priya Sivadas,  
Professional  
Trainer/Mentor



## Department of Mathematics

### National Workshop

The Department of Mathematics, Central University of Kerala, organized the National Workshop on “Glimpses of Differential Geometry” during 30<sup>th</sup> January to 2<sup>nd</sup> February 2019. The programme was coordinated by Dr Gnanavel Soundararajan and Dr Ali Akbar K, Assistant Professors in Mathematics, CUK.



Resource persons & Participants in the Workshop



Honourable Vice Chancellor Prof. Dr. G. Gopa Kumar addressing the gathering.



Hon. Vice Chancellor Prof. Dr. G. Gopa Kumar observed the feedback from participants and resource person about the workshop and congratulated the organizers and faculty members of the Department for organizing the workshop in an effective manner.

### Dr. V. Vilfred

1. Inaugurated the National Seminar on “Graph Theory and Topology (NSGTT)” and delivered a talk on “Integral Sum Graphs” at Pioneer Kumarswamy College, Nagercoil on 11.01.2019.
2. Delivered a talk on “A Few Open Problems in Graph Theory” in

the National Seminar on “Pure and Applied Mathematics” at Annai Velankanni College, Tholayavattom, Kanyakumari District, TN on 21.01.2019.

3. Delivered the Keynote Address in the National Conference on “Mathematics and Computer Applications (NCMCA 2019)” and delivered an invited talk on “Graph Isomorphism Problem” at Women's Christian College, Chennai on 29.01.2019.



Dr. Vilfred delivering the Keynote Address in the NCMCA at WCC, Chennai on 29.01.2019.

### Dr. KA Germina

#### Papers Published during January-March 2019

1. Germina K. Augusthy, Gency Joseph, Benedict Raj (2019), *Characterization of 1-uniform dcsl graphs and learning graphs*, International journal of applied Mathematics, Vol. 32, No 1 34-40
2. Germina K. Augusthy, Gency Joseph, Characterization of \$1\$-uniform dcsl graphs and learning graphs, Italian Journal of Pure and Applied Mathematics,(2019), To appear
3. Germina K. Augusthy, A Review on measures to structural balance in social network-an Algebraic approach, Springer Proceedings (communicated)



Chaired a session and delivered an

Invited talk on Notion Signed Network Analysis: A Spectral Approach, at the International conference on Discrete Mathematics (ICDM-2019), organized by St. Joseph's College, Trichy, during 7-9, January, 2019.



Delivered an Invited talk on Signed graph applied to network analysis, at the National Seminar on Recent trends in Graph Theory, organized by Nirmala college for Women, Coimbatore, on 21 February, 2019.

Chaired a session and delivered an Invited talk on A survey on the measurement of structural balance in a signed network,, at the International conference on Emerging Trends in Graph Theory (ICETGT-2019), organized by CHRIST (Deemed to University), Bangalore, during 27-28 February, 2019.

Chaired a session and delivered an Invited talk on structural balance in a signed network and frustration index, at the 3<sup>rd</sup> International conference on Science Engineering, Technology and Social Sciences (ICSETS-2019) organized by KE college, Mannanam, during 11-12 March, 2019.

**Dr. Shaini P** delivered an invited talk at KSOM, Calicut on 15.02.2019.

**Dr. Ali Akbar K** delivered a talk at the National Seminar on Recent trends in Topology NSRTT 2019 from 7<sup>th</sup> to 9<sup>th</sup> February, 2019. (Department of Mathematics, University of Calicut).

**Dr. S Gnanavel** delivered an invited talk at KSOM, Calicut on 16.02.2019.

Delivered three lectures in the National level workshop on “Partial Differential Equations” held at Bishop Chulaparambil Memorial College, Kottayam during 21 and 22 February 2019.



Chaired a session and delivered an invited talk in the “Second National Conference on Control and Inverse Problems” held at Central University of Tamil Nadu (CUTN), Thiruvarur during 01-03-19 and 02-03-2019.

Attended as a Resource person in the National Seminar on Recent trends in Pure and Applied Mathematics (NSRTPAM'19) held at Selvam College of Technology, Salem on 04-03-2019.

Acted as subject expert member in the Board of Studies Meeting for Applied Mathematics Department, Bharathiar University held at Bharathiar University, Coimbatore on 28.03.2019.

**Dr. Manikandan Rangaswamy** delivered an invited talk in the International Conference on Advances in Applied Probability and Stochastic Processes (ICAAP & SP 2019) in honour of Professor A. Krishnamoorthy held at CMS College Kottayam during January 7-9, 2019. Professor S R S Varadhan (Abel Prize Winner), Courant Institute of Mathematical Sciences, USA, was the Keynote speaker of this conference.

### Research Scholars

**Sreya V.V., Prajisha E. and Abdul Jaleel A.P** attended an International Workshop on Fixed Point Theory and its Applications during March 15-17, 2019 at Jamia Millia Islamia, New Delhi.

**Shine Raj S. N., Soorya P., Shijin T. V., Roshni T Roy** attended the International Conference on Discrete Mathematics - ICDM 2019 during January 7-9, 2019 at St. Joseph's College, Thiruchirappalli.

**Shine Raj S. N.** presented a paper entitled “On Laplacian Eigenvalues of Sum Graph” in the International Conference on Discrete Mathematics - ICDM 2019 during January 7-9, 2019 at St. Joseph's College, Thiruchirappalli.

**Soorya P.** presented a paper entitled “On -vertex Choosability of Graphs.” in the International Conference on Discrete Mathematics- ICDM 2019 during January 7-9, 2019 at St. Joseph's College, Thiruchirappalli.

**Shine Raj S. N., Soorya P., Shijin T. V., Roshni T Roy** attended the International Conference on Emerging Trends in Graph Theory - ICETGT 2019 during February 27-28, 2019 at Christ( Deemed to be University), Bangalore, India.

**Shine Raj S.N.** presented a paper entitled “Laplacian Eigen values of Sum graphs and a few more properties” in the International Conference on Emerging Trends in Graph Theory - ICETGT 2019 during February 27-28, 2019 at Christ (Deemed to be University), Bangalore, India.

**Soorya P.** presented a paper entitled “On Cm and Cm-E Supermagic Graphs” in the International Conference on Emerging Trends in Graph Theory - ICETGT 2019 during February 7-28, 2019 at Christ (Deemed to be University), Bangalore, India.

**Shijin T.V.** presented a paper entitled “Some classes of Zn Magic Graphs” in the International Conference on Emerging Trends in Graph Theory - ICETGT 2019 during February 27-28, 2019 at Christ (Deemed to be University), Bangalore, India.

**Roshni T Roy** presented a paper entitled “Zn magic trees” in the International Conference on Emerging Trends in Graph Theory - ICETGT 2019 during February 27-28, 2019 at Christ( Deemed to be University), Bangalore, India.

**Shine Raj S. N., Soorya P., Shijin T. V., Julia K. Abraham, Roshni T Roy**, attended the International Conference on Science, Engineering, Technology and Social Sciences - ICSETS 2019 during March 11- 12, 2019 at Kuriakose Elias College, Kottayam.

**Shine Raj S.N.** presented a paper entitled “Spectrum of Z-Sum graph and N-Sum graph” in the International Conference on Science, Engineering, Technology and Social Sciences - ICSETS 2019 during March 11-12, 2019 at Kuriakose Elias College, Kottayam.

**Soorya P.** presented a paper entitled “On the Vertex Choice Number and Chromatic Number of Graphs” in the International Conference on Science, Engineering, Technology and



Social Sciences - ICSETS 2019 during March 11- 12, 2019 at Kuriakose Elias College, Kottayam.

**Shijin T. V.** presented a paper entitled “Zn Magic Product Graphs” in the International Conference on Science, Engineering, Technology and Social Sciences - ICSETS 2019 during March 11- 12, 2019 at Kuriakose Elias College, Kottayam.

**Roshni T Roy** presented a paper entitled “More on Zn magic graphs” in the International Conference on Science, Engineering, Technology and Social Sciences - ICSETS 2019 during March 11- 12, 2019 at Kuriakose Elias College, Kottayam.

**Julia K. Abraham** attended a workshop on Geogebra and Python during January 4-5, 2019 at Govt. College Kattappana.

**Julia K Abraham and Sajidha P.** attended a national seminar on Algebra and Graph Theory during January 17-19, 2019 at St. Berchmans' College, Changanacherry.

**Prajisha E.** presented a paper entitled “Coupled fixed point theorems for mappings satisfying Geraghty type contractive conditions” in the International Workshop on Fixed point theory and its Applications during March 15-17, 2019 at Jamia Millia Islamia, New Delhi.

**Lakshmipriya N.**, attended workshop on Control and Inverse problems (CIP-2019) during March 01-02, 2019 at Central University of Tamil Nadu, Thiruvarur.

## National Science Day Celebration-2019



Prof. Gurmeet Singh, Vice-Chancellor Pondicherry University, delivering the inaugural lecture on 18<sup>th</sup> February 2019.

Central University of Kerala celebrated the National Science Day-2019 by conducting a series of events between 18 and 28 February 2019 under the theme “Science for People and People for Science”. Central University of Kerala is all set for its goal as “Communicating Science for all”. The events were inaugurated on 18<sup>th</sup> February 2019 by Prof. (Dr.) Gurmeet Singh, Vice-Chancellor of Pondicherry University with his lecture on the topic ‘Why to be a Proud Indian?’ The inaugural function was presided over by Prof. (Dr.) G. Gopa Kumar, Vice-Chancellor, Central University of Kerala. Dr. Radhakrishnan Nair, Registrar, Central University of Kerala felicitated the occasion. Dr. A. Sakthivel, Convener of the celebration made the introductory address. Vice Chancellor Prof. (Dr.) G. Gopa Kumar highlighted the fast paced development of the Central University of Kerala and the investment being done for its academic growth. A series of competitions such as logo-design, theme-based drawing and essay writing and quiz programme were also conducted during this period. Competition was held among the research Scholars from various Schools of the Science department and the best presentations were given awards. On 22<sup>nd</sup> February 2019, Dr. Rubi John Anto, FNASc, Scientist 'G' from Rajiv Gandhi Centre for Biotechnology, delivered a lecture on a topic highly relevant today, “Exploring nature for potential anti-cancer agents”. The lecture series continued on the forenoon of 25<sup>th</sup> February 2019 with a talk on the topic “Device applications of certain nanostructures” by Prof. (Dr.) Mahadevan Pillai, Vice Chancellor, University of Kerala. The lecture series concluded with an interesting and inspiring talk by Prof. Dr. Achuthsankar S. Nair, Professor, Department of Computational Biology and Bioinformatics, University of Kerala. The Science day celebration helped enhance the research interest of the students.



Prof. G. Gopa Kumar, Honourable Vice Chancellor and Prof. (Dr.) Mahadevan Pillai, Vice Chancellor, University of Kerala in a session on 25<sup>th</sup> February 2019.



Prof. Dr. Achuthsankar S. Nair's interaction with the delegates on the occasion of science day celebrations.

## Department of Geology

### International Earth Science Olympiad 2019



The Ministry of Earth Science, Govt. of India, in association with the Geological Society of India conducts the national level Entrance Test for 10th, 11, 12th std. students (Earth Science Olympiad) every year at 92 centres across the country. This year also, the Dept of Geology, Central University of Kerala, hosted the entrance test for students of northern Kerala. Earth Science Olympiad is an annual competition for secondary school students. The main objective of the Olympiad is to promote student interest in earth

science and to enhance earth science learning and teaching at the school level. The selected students can attend the national camp and also represent India at the 13<sup>th</sup> international Olympiad in South Korea. During the Olympiad, students represented their respective countries by participating in geology-related examinations, field events etc. and the top performers are awarded with medals. This year, the test was held on 19th January 2019 and 32 students participated in the programme.

### Invited talk on 'Rare Earth Elements'



Shri. P. V. Sukumaran, Deputy Director General (Retired), Geological Survey of India delivered an invited talk on 'Elements that rule the world: Rare Earth Elements in today's

technology' on 26/03/2019. The talk covered the present scenario in REE mineral exploration, mining and production, the geology of REE minerals and its occurrence in India.

### Conference/Seminar/Workshops attended

#### Dr. Sandeep K

Attended and presented a research paper on "Wavelet analysis of magnetic susceptibility data of lacustrine sediments: Evidence for Late Holocene climatic periodicities" in the 2<sup>nd</sup> International Conference on 'Geology: Emerging Methods and Applications' held at Christ College, Irinjalakuda, Thrissur, Kerala from 17/01/2019 to 19/01/2019.

Delivered an invited talk on 'Climate Change and Lake Sediments' on 14/02/2019 in the National Symposium on 'Wetlands and Climate Change' organized by the Department of Geology, Govt. College Kasaragod, Kerala.

#### Dr. Sijinkumar, A.V.

Attended and presented a research paper on "Late Quaternary Oxygen Isotope record of multiple species of foraminifera and pteropods from the Andaman Sea" in the 2nd International conference GEM-2019 held at Christ College, Irinjalakuda, Kerala from 17-19, Jan 2019.

Delivered an invited talk on 'Holocene Climate Change' on 14/02/2019 in the National Symposium on 'Wetlands and Climate Change' organized by the Department of Geology, Govt. College Kasaragod, Kerala.

Mr. Reethu Mohan, research Scholar, attended and presented a research paper on 'Iron Oxides And their color attributes of Highly Weathered Tropical Soils' in the 2<sup>nd</sup> International Conference on 'Geology: Emerging Methods and Applications' held at Christ College, Irinjalakuda, Thrissur, Kerala from 17/01/2019 to 19/01/2019.



**Ms. Gayathri N. M.,** research Scholar, attended and presented a research paper on 'Mid to Late Holocene History of Indian Monsoon Recorded in the Andaman Sea sediments' in the 2nd International Conference on 'Geology: Emerging Methods and Applications' held at Christ College, Irinjalakuda, Thrissur, Kerala from 17/01/2019 to 19/01/2019.

## एन.आई.आर.एफ रैंकिंग

### केरल केन्द्रीय विश्वविद्यालय देश के प्रथम 150 विश्वविद्यालयों में एक है

नैशनल ईस्टिट्यूशनल रैंकिंग फ्रेमवर्क (एन.आई.आर.एफ 2019) द्वारा आयोजित रैंकिंग सर्वेक्षण में केरल केन्द्रीय विश्वविद्यालय को देश के प्रथम 150 विश्वविद्यालयों में रैंक प्राप्त हुआ। एन.आई.आर.एफ भारत सरकार के मानव संसाधन विकास मंत्रालय के अधीन आनेवाला एक अधिकारी है। माननीय राष्ट्रपति श्री रामनाथ कोविंद ने 08 अप्रैल 2019 को विज्ञान भवन, नई दिल्ली में एन.आई.आर.एफ रैंकिंग की उद्घोषणा की। देश की आई.आई.एस.सी, आई.आई.टी, आई.आई.एम जैसी संस्थानों एवं एच.सी.यू, बी.एच.यू, जे.एन.यू जैसे केन्द्रीय विश्वविद्यालयों के साथ प्रतियोगिता करते हुए ही केरल केन्द्रीय विश्वविद्यालय ने ऐसी सफलता को प्राप्त कर लिया है। कुलपति महोदय प्रोफेसर (डॉ.) जी.गोप कुमार ने समस्त संकाय सदस्यों एवं कर्मचारियों को इस बहुमूल्य उपलब्धि पर बधाइयाँ दीं। उन्होंने कहा कि केरल केन्द्रीय विश्वविद्यालय के लिए यह उपलब्धि अत्यंत महत्वपूर्ण है क्योंकि यह विश्वविद्यालय अपने आरंभ का केवल एक दशक की पूर्ति कर चुका है।

## NIRF Ranking

### CUK got ranked among the premier educational Institutes in India

Central University of Kerala (CUK) has been ranked among the top 150 premier educational institutions across India, as per the national institutional ranking framework (NIRF 2019), MHRD, Govt of India survey. President Ramnath Kovind announced the NIRF Rankings for Indian educational institutes at Vigyan Bhawan, New Delhi on 8<sup>th</sup> Apr 2019. CUK got this meritorious success by competing with 3127 institutions including IISC, IITs, IIM and other established Central Universities like HCU, BHU and JNU etc, that had participated in the ranking process. Among the universities, CUK retained its previous year (2018) status of top 150 among 860 universities across India.

Hon. VC, Prof. (Dr.) G. Gopa Kumar congratulated all faculty members and staffs of CUK for this marvellous achievement. He also added that the current success is highly significant, as CUK is only a decade old institution that celebrated its 10<sup>th</sup> foundation day on 2<sup>nd</sup> Mar 2019. During the new academic year CUK will launch new PG courses in Management Studies, Tourism, Commerce and Kannada language. He envisioned that CUK is going to become a national as well as an international center of attraction for higher education very soon.

**Mr. Sarun Lal M A,** Project Fellow, attended and presented a poster on 'Late Quaternary record of the environmental magnetic parameters from the Andaman Sea' in 2<sup>nd</sup> International Conference on 'Geology: Emerging Methods and Applications' held at Christ College, Irinjalakuda, Thrissur, Kerala from 17/01/2019 to 19/01/2019.

**Ms. Sreevidya,** Research Scholar, presented a paper on "Late Cenozoic pteropod abundances/preservation records from the Maldives, Equatorial Indian Ocean in the 2nd International Conference on 'Geology: Emerging Methods and Applications (Gem-2019)' held at Christ College, Irinjalakuda, Kerala from 17-19, Jan 2019.

## हिन्दी प्रकोष्ठ



मानव संसाधन विकास मंत्रालय द्वारा 31 जनवरी 2019 से 01 फरवरी 2019 तक पोर्ट ब्लेयर में अखिल भारतीय राजभाषा संगोष्ठी का आयोजन किया गया था जिस में परीक्षा नियंत्रक डॉ.एम. मुरलीधरन नम्ब्यार एवं हिन्दी अधिकारी डॉ.अनीश कुमार.टी.के ने केरल केन्द्रीय विश्वविद्यालय का प्रतिनिधित्व किया।



क्षेत्रीय कार्यान्वयन कार्यालय, गृह मंत्रालय के तत्वावधान में 14 फरवरी 2019 को कोच्ची विश्वविद्यालय में आयोजित क्षेत्रीय राजभाषा सम्मेलन में केरल केन्द्रीय विश्वविद्यालय का प्रतिनिधित्व करते हुए डॉ.अनीश कुमार.टी.के, हिन्दी अधिकारी ने भाग लिया।

## Department of Public Administration and Policy Studies

### Departmental Activities:

#### 1. Invited Talk:

a. The department arranged an Invited Talk of Prof. (Dr.) Suresh Jnaneshwaran, Former Dean of Social Science, University of Kerala on the topic “Sino-Indian Relations in the Changed Global Scenario” on 14.01.2019.



#### 1. National Workshop

a. Organised a One Day National Workshop/ Training Programme on the Rights of Women sponsored by NHRC, New Delhi on 22.02.2019. Prof. (Dr.) Rekha Pande, Director Centre for Women's Studies, University of Hyderabad, delivered the Keynote Address. Dr. Sajad Ibrahim, University of Kerala; Dr. Praveen, Govt. Medical College, Ernakulam and Dr. Reinhart Philip (CU Kerala) were the resource persons. The Programme Coordinator was Dr. Ashalekshmi B.S.

#### 2. National Seminar

a. The Department hosted a Two Day National Seminar on “Urban Governance in India: Prospects and Challenges” on 20<sup>th</sup> & 21<sup>st</sup> March, 2019. Prof. (Dr.) Y. P. Aradhavarshini (Osmania University), Prof. (Dr.) Neelima Deshmukh (RTM Nagpur University); Prof. (Dr.) P. Maduraiveeran (University of Madras); Dr. Marclin Pushpa (Chennai)

were the resource persons. There was also an interactive session with Dr. D. Sajith Babu I.A.S. District Collector, Kasaragod. Dr. Ashalekshmi B.S. coordinated the Seminar.

### Academic Activities of the Faculty Members:

#### 1. Dr. M.R. Biju

##### a. Articles Published:

(i) “Delivering Justice at the Grassroots: The Case of Gram Nyayalayas in India” South Asian Journal of Scio-Political Studies, Vol. XIX No. 2, January June, 2019.

(ii) “Decentralisation, Development and Governance in Indian Federal Context” The International Journal of Political Science, Vol. V No. 1 January June, 2019.

(iii) “Disaster Management Under Public Policy Perspective” The International Journal of Political Science, Vol. V No. 1 January June, 2019.

##### b. Invited Talks:

(i) Delivered an Invited Lecture on “India's Decentralisation Process” in the Induction Training Programme for the Teachers working in Universities and Colleges organized by PMMMNMTT, School of Education, Central University of Kerala on 12.03.2019 02:00 PM to 05:00 PM.

#### 2. Dr. Devi Parvathy

a. Presented a Paper on Gender and Urban Mobility in India in the IAWS Conference held at Calicut University on “Intersectional Approaches to Addressing Gender, Religion,

Culture: South India Focus” during 30-31<sup>st</sup> January, 2019.

b. Presented a Paper titled Privatisation of Water Resources in India: A failed Experience in three-day National Seminar on “Water Resource Management and Sustainable Development” University of Kerala, Department of Economics during 6th-8th February 2019

#### 3. Dr. Gugulothu Srinu

a. Presented a paper in International Conference; name of the conference is “Quality Teacher Education vis-a-vis School Education” Paper entitled “Issues & Challenges of Teacher Education and Its Impact on Primary Education-Indian Scenario” held on 24th and 25th January 2019, organized by the Department of Education, Osmania University, Hyderabad.

#### 4. Dr. RamaRao Bonagani

a. Presented a paper titled “Social Sciences Higher Education's Pedagogy Issues in India” at the Two Day National Seminar on Higher Education in India: Emerging Challenges, organized by the Department of Political Science, New Government Degree College at Hyderabad, held on 30 & 31<sup>st</sup> January 2019.

b. Participated in the 105<sup>th</sup> Orientation Course from 13<sup>th</sup> February to 12<sup>th</sup> March, 2019 at the UGC- Human Resource Development Centre (HRDC), University of Hyderabad, Hyderabad.

### Academic Activities of the



### Research Scholars:

#### 1. Bestin Varkey

Presented a Paper titled "Emergence of NOTA in the Electoral Orbit of India" at the Two Day National Conference on Electoral Politics in India: Dynamics and Trends held on 25<sup>th</sup> & 26<sup>th</sup> March, 2019 organized by the Dr. V. K. Sukumaran Nayar Chair for Parliamentary Affairs, University of Kerala Trivandrum.

#### 2. Nimisha M.N.

a. Presented a paper titled 'Employee Poaching and Career Advancement: A Study on CUSAT Alumni's' in a One Day National Conference on 'U-Commerce and Indian Economy Recent Scenario' at Post Graduate and Research Department of Commerce, Selam Sowdeswari College on 10<sup>th</sup> Jan 2019.

b. Published a paper titled "Employee Poaching and Career Advancement: A Study on CUSAT Alumni's." *International Journal of Scientific Research and Review*, vol. 8, no. 2, Feb. 2019, pp. 235243.

#### 3. Shetty Sai Dinesh

a. Published a Paper on "Decentralised E-Waste Management in Kerala: A Study of Haritha Keralam Mission". *Ajanta-UGC Listed International Quarterly Research ISSN Journal*, 8(1), 5th ser, Aurangabad, M.S. ISSN: 2277-5730

b. Participated in the 'National Symposium & Workshop on E-Waste Management 'held from January 11-12, 2019 under the aegis of the International Society of Waste

Management, Air & Water (ISWMAW) In Association with Bangalore Environment Trust (BET) organized by the Department of Civil Engineering, Global Academy of Technology, Bengaluru.

c. Presented a Research Paper entitled 'Decentralised E-Waste Management in Kerala: A Study of Haritha Keralam Mission' at the International Conference on New Trends in Commerce, Economics, Banking, Cooperation, Management, Computer Science, IT & Environment held on 8th and 9th February 2019 organized by the Department of Commerce, Postgraduate & Research

Centre, Poona College, Pune.

#### 4. Sruthi Vijayakrishnan

a. Contributed a chapter of a book titled *Presence of Women Directors in Malayalam Films on Women Empowerment: For Girl's Education in 21<sup>st</sup> Century*, New Delhi Publishers, New Delhi , Vol:2, ISBN: 978-93-85503-89-4

b. Participated in the Six Day National Workshop/ Faculty Development Programme in Gender and Development organised by Women's Studies and Development Center (WSDC,Delhi University) and Institute of Social Science Trust (ISST) in New Delhi (11<sup>th</sup> February to 16<sup>th</sup> February 2019).

### गणतंत्र दिवस समारोह/Republic Day Celebration



केरल केन्द्रीय विश्वविद्यालय में 26 जनवरी 2019 को देश के 70-वां गणतंत्र दिवस मनाया गया । समारोह का आयोजन तेजस्विनी हिल्स परिसर में किया गया । विश्वविद्यालय के सभी विभाग, प्रधान परिसर में आने के पश्चात् यह पहला गणतंत्र दिवस था । माननीय कुलपति प्रो. (डॉ.) जी. गोप कुमार ने गार्ड ऑफ ऑनर प्राप्त करने के बाद राष्ट्रीय झंडे का ध्वजारोहण किया । तत्पश्चात् उन्होंने सभी को अपना प्रेरणादायक गणतंत्र दिवस संदेश दिया । उन्होंने अपने भाषण के दौरान सर्विधान की प्रधानता, परिवर्तनों को शांतिपूर्वकआत्मसात करने की आवश्यकता और राष्ट्र के विकास में यूवा पीढ़ी का योगदान आदि पर जोर दिया । विद्यार्थियों ने राष्ट्रीय एकता विषय पर एक नुकड़ नाटक का प्रदर्शन किया और सांस्कृतिक कार्यक्रमों के साथ समारोह समाप्त हुआ ।

70th Republic day was celebrated in Central University of

Kerala on January 26, 2019. The programme was conducted in the Tejaswini Hills Campus. This is the first republic day celebration held after constructing all departments in main campus. Honorable Vice-Chancellor Prof. (Dr.) G. Gopa Kumar hoisted the national flag after receiving the guard of honour. He delivered an inspirational Republic Day speech. He spoke about the importance of our Constitution, the need to adopt peaceful changes and the role of youth to enable national growth. The student community made a street play with the theme of national integration. The programme was concluded with cultural programmes conducted by the students.

## Department of Education

The Department of Education, under the School of Education was established in the year 2015 and is intended to develop a cadre of professionally qualified teacher educators to meet the needs and challenges of the Knowledge Society across the globe. The Department aims to promote pedagogical researches and intends to re-calibrate the teacher education programmes in the country. The Department endeavours to achieve excellence by facilitating quality based innovations in all areas of teaching learning processes. The Department underscores the need for a paradigm shift to personalized instruction, multiple learning strategies and learner-centric classroom environment. The thrust areas of research include Environmental Education, Education for Sustainable Development, Instructional Designs, Curriculum Innovations, Web-Based Instruction, Inclusive Education, Value Education, Yoga Education and Multicultural Education.

The Department of Education has been awarded the MHRD's prestigious flagship programme Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) under the School of Education. Centre for Curriculum Research, Policy and Educational Development (CCRPED) and Centre for Life Skills in Education are also functioning under the School.

### Various Programmes Conducted under the Department of Education

Celebration of National Youth Week "Extempore Speech and Quiz Competition for the Students of Central University of Kerala" on 17<sup>th</sup> January, 2019 at the Seminar Hall, Department of Education, Central University of Kerala.



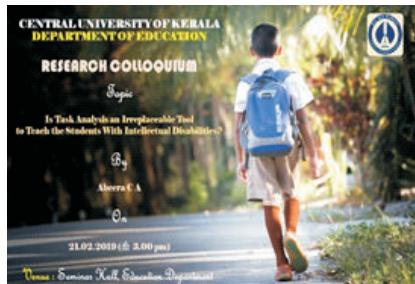
Inauguration of Seminar Hall, Department of Education by Prof. (Dr.) G Gopa Kumar, Hon'ble Vice-Chancellor, Central University of Kerala on 12<sup>th</sup> February, 2019.



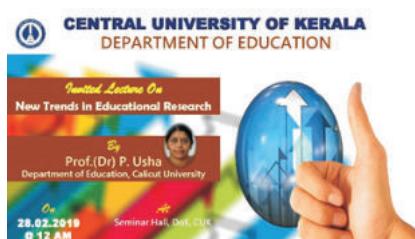
Invited Lecture on Academic Leadership Psychological Perspective on 11<sup>th</sup> March, 2019 by Dr. C N Balakrishnan Nambiar, Principal, Devaki Amma Memorial Teacher Education College, Malappuram at Department of Education, Central University of Kerala



Invited Lecture on Integrity, Accountability and Ethics in Research and Publication Practices by Dr. Satya Sunder Sethy, Associate Professor, Department of Humanities and Social Sciences, IIT Madras on 12<sup>th</sup> March, 2019 at the Department of Education, Central University of Kerala.



Research Colloquium on Is Task Analysis an Irreplaceable Tool to Teach the Students with Intellectual Disabilities? by Ms. Abeera C A, Research Scholar, Department of Education, Central University of Kerala on 21.02.2019 at 03.00 pm at Seminar Hall, Department of Education, Teaching Block II.



Invited Lecture on New Trends in Educational Research by Prof. (Dr.) P Usha, Professor, Department of Education, Calicut University on 28<sup>th</sup> February, 2019 at Seminar Hall, Department of Education, Central University of Kerala



Alumni Meeting of the Department of Education on 1<sup>st</sup> March, 2019 at Seminar Hall, Department of Education, Central University of Kerala



Community Sensitization Programme on "Cybergogy: Excite, Engage and Enrich Learning" at Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, Tamil Nadu on 23<sup>rd</sup> to 25<sup>th</sup> January, 2019.



Second Induction Training Programme for Teachers working in Universities / Colleges / Institutes on 06<sup>th</sup> March to 05<sup>th</sup> April, 2019 at Seminar Hall, Department of Education, Central University of Kerala



Dr. K. Thiyyagu, Assistant Professor

## INVITED LECTURES/RESOURCE PERSON/GUEST LECTURES

No	DATE	CONFERENCE / WORKSHOP	PRESENTATION TITLE
08.01.19 & 09.01.19		National Level Workshop on Developing MOOC through SWAYAM Department of Education, Kuvempu University, Shankarghatta, Shivamogga District, Karnataka	Promo Video Productions organized by the
10.01.19		Short Run Course on Curriculum Designing for Faculty in Education conducted by MHRD-TLC, Department of Education, University of Calicut	E-assessment for Effective Curriculum Transactions
24.01.19		Community Sensitization Programme on Cybergogy : Excite, Engage and Enrich Learning Organised by CCRPED under PMMMNMTT, School of Education, Central University of Kerala at Department of Education, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore	E-assessment & Mobile Apps for Teachers
30.01.19		National Level Seminar on Quality Assurance in Value Education organized by PSNL College of Education, Sattur, Virudhunagar District, Tamilnadu	Digital Etiquette
08.02.19		National Seminar on Technology Enabled Learning (NSTEL-2019) organized by Center for Curricular Research, Policy and Educational Development, SoE, Under the Scheme of PMMMNMTT, The Gandhigram Rural Institute, Gandhigram, Tamilnadu	Bring Your Own Device (BYOD)
25.02.19 to 26.02.19		ICSSR Sponsored 10 day 'Research Students in Social Sciences' organized Methodology Course for Ph.D. by Women's Studies Centre & Department of Teacher Education, Nagaland University, Kohima Campus, Meriema, Nagaland	Working with MS-Excel, SPSS and Case Studies
08.03.19		National Seminar on Performing and Reforming in Teacher Education for Social Changes organized by KSR College of Education, Tiruchengode, Namakkal, Tamilnadu	Digital Empathy
09.03.19		UGC Sponsored National level Workshop on ICT as a Tool of Quality Teaching in Higher Educational Institutions organized by IQAC, Pope's College (Autonomous), Sawyerpuram, Thoothukudi District, Tamilnadu	Mobile Apps for Education
11.03.19		Induction Training Programme for Teachers working in Universities / Colleges / Institutes Organised by PMMMNMTT, School of Education, Central University of Kerala	Mobile apps for Teachers
12.03.19		Workshop on E-learning Tools for Digital Natives organized by MES Keveeyam College, Valanchery, Malappuram, Kerala	E-resources for Learning
14.03.19		State level Seminar on Recent Innovations in the Pedagogy of Mathematics organized by Mathematics Association, Thiagarajar College of Preceptors, Madurai, Tamilnadu	Innovative Teaching Strategies in Mathematics
15.03.19		National Seminar on Web Based Education organized by Department of Education and Management, Tamil University, Thanjavur, Tamilnadu	Bring Your Own Device
18.03.19		United Board Sponsored National level Workshop on Recent Technological Innovations in Teaching, Learning and Evaluation for Quality Higher Education organized by Research Committee, Nesamony Memorial Christian College, Marthandam. Tamilnadu	Mobile Apps and E-resources in Higher Education
23.03.19		Workshop on MOOCs E-content Development and Open Educational Resources organized by UGC-Human Resource Development Centre, Kannur University, Kerala	Designing MOOC Through MOODLE: Working with Discussion Forum

## PROJECTS

No	Period	Title of the Project	Amount	Funding Agency
	12 Months (1.3.19)	Whatsapp Mediated Learning Approach: An investigation of its effect on achievement and Mobile learning Acceptance among the M.Ed. Students	2,00,000/-	School of Education, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching Central University of Kerala, Kasaragod
	12 Months (1.3.19)	Developing Online Training Module on E-assessment in Education for the Professional Development of Teacher Educators	2,00,000/-	School of Education, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching Central University of South Bihar, Gaya (Bihar)

## Faculties



Prof. (Dr.) K P Suresh, Professor and Dean, School of Education received the National Award for Emeritus Teacher Educator Constituted by CTE- State chapter for life time contribution to the field of teacher education.

### Dr. Amruth G Kumar, Associate Professor and Head

Delivered a lecture in the Faculty

Development Programme organized by the University of Calicut on the topic “Critical Theory in Curriculum” Designing on 8<sup>th</sup> January, 2019.

Dr. Amrith G Kumar attended as Resource Person for the International Seminar from 10<sup>th</sup> to 12<sup>th</sup> January, 2019, by MS University, Vadodara, Gujarat.



Dr. M N Mohamedunni Alias Musthafa, Associate Professor received the National Award for Accomplished Teacher Educator - Constituted by the National Committee Council for Teacher Education considering the contributions to the field of teacher education through the career.

## UNIVERSITY LIBRARY

Organized a two-day book exhibition from 14.1.2019 to 15.1.2019 at Tejaswini Hills, Periyar. Prof. (Dr.) G. Gopa Kumar, Vice Chancellor inaugurated the Book Fair. The students, faculty members and staff of the University have visited the book fair and selected books for the Library as well as for their personal use.



Prof.(Dr.) G. Gopa Kumar, Vice Chancellor Inaugurates the Book Fair

The programme concluded on 15.01.2019 at 5.30 pm. The programme was well appreciated by all the participants and was widely covered by different dailies, such as, The Hindu, Malayala Manorama, Mathrubhumi, Madhyamam, Deepika, Janmabhumi etc.

One Month Internship Programme for CLIS (Certificate Course in Library and Information Science) Course was conducted by the University Library from 5.3.2019 to 30.3.2019.

### Dr. Senthilkumaran, P, Deputy Librarian

Acted as the chairperson in the Two Day international Conference on “Changing Scenario of Publishing Industries and the Role of Librarians” organized by the Department of Library and Information Science & University Library, Manonmaniam Sundaranar University, Tirunelveli, Tamil Nadu during 23-24 January 2019.

### Book Purchase:

Books have been purchased and payment has been made. All the books have been classified and catalogued with Bar code labeling and date. During the last three months 2746 books have been newly added to the University Library.

### Workshop and Seminar Attended:

One Day Training Programme on SYSTAT was organized on 26.3.2019 in which 54 Research Scholars and faculty members participated.

Presented a paper on “A Study of Open Educational Resources in India” in the Two Day international Conference on “Changing Scenario of



Publishing Industries and the Role of Librarians" organized by the Department of Library and Information Science & University Library, at Manonmaniam Sundaranar University, Tirunelveli, Tamil Nadu during 23-24 January 2019.

Attended the one day National Workshop on "Alert and Access of Online Resources" on 25<sup>th</sup> January 2019 at the Gandhigram Rural Institute-Deemed to be University, Gandhigram, Tamil Nadu.

Attended the one day workshop on Ph.D Supervision Skills organized by the Department of Environmental Science, School of Earth Science Systems, CUK on 7<sup>th</sup> March 2019.

Participated in the international Conference on Intelligent Computing and Signal Processing (IntelliSig 2019) organized by the Department of Computer Science, Central University of Kerala, Kasaragod during 8-9 March, 2019.

Participated in the Four Day Symposium on Teaching Phonetics organized by Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), School of Education, Centre for Curriculum Research Policy and Educational Development (CCRPED), Central University of Kerala Coordinated by the Department of Linguistics,

Central University of Kerala during 26<sup>th</sup> to 29<sup>th</sup> March 2019.

### **Dr. Shivarama Rao K., Asst. Librarian**

Delivered lectures on Scientometrics, Bibliometrics & Informetrics at Central University of Himachal Pradesh, Dharamshala during the month of February 2019.

Attended the two day International Conference on Intelligent Computing and Signal Processing held at Central University of Kerala during 8-9 March 2019.

Attended the four day Symposium on Teaching Phonetics during 26-29 March 2019 held at Central University of Kerala.

Participated in the international Conference on Intelligent Computing and Signal Processing (IntelliSig 2019) organized by the Department of Computer Science, Central University of Kerala, Kasaragod during 8-9 March, 2019.

### **Dr. Gireesh Kumar T.K., Assistant Librarian**

Associated with the Two-Day Book Fest-2019 conducted by University Library, Central University of Kerala from 14<sup>th</sup> to 15<sup>th</sup> January 2019.

Handled a session in the orientation programme given by the University Library to the students of Government Arts and Science College, Ollur, Thrissur on 16th January 2019.

Acted as Resource Person for the Three-Day 'Capacity Enhancement Programme' organized by the Placement Cell, Central University of Kerala during March 15-17.

Participated in the Two-Day National Seminar on 'Women and the Environment' organized by Centre for Women's Studies, Central University of Kerala with the support of National Commission for Women during March 18-19.

Gave an orientation class to the Faculties and Students of Sree Narayana College, Cherthala, Alappuzha, who visited the University Library as part of 'Walk with a Scholar' Programme. On 22<sup>nd</sup> March 2019.

Participated in the Four Day Symposium on Teaching Phonetics organized by Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), School of Education, Centre for Curriculum Research Policy and Educational Development (CCRPED), Central University of Kerala Coordinated by Department of Linguistics, Central University of Kerala during 26<sup>th</sup> to 29<sup>th</sup> March 2019.

Acted as Resource Person for the Three-Day 'Capacity Enhancement Programme' organized by the Placement Cell, Central University of Kerala, during March 29-31.

# KADHANTHARANGAL

Seminar on Short Stories



A three day seminar 'Kadhantharangal' was conducted under the joint auspices of the Department of Malayalam and Kendra Sahithya Academy from 12<sup>th</sup> to 14<sup>th</sup> March 2019 in Sindhu Block, Tejaswini Hills Campus.. The seminar was on the Malayalam short stories. The programme was inaugurated by Prof. (Dr.) K.Jayaprasad, Pro-Vice Chancellor, CUK. Dr.A.Radhakrishnan Nair, Registrar presided over the inaugural ceremony. The eminent poet Shri.S.Ramesan Nair was the chief guest of the inaugural ceremony. The portraits of the famous poets Vengayil Kunhiraman Nayanar and P.Kunhiraman Nair were unveiled by Prof. (Dr.) K.Jayaprasad and Shri.S.Ramesan Nair respectively. During his speech, Shri.S.Ramesan Nair requested the University authorities to start a Chair in memory of P.Kunhiraman Nair. The activities of the Sahithya Academy was explained by Shri.Radhakrishnan Nair, Sahithya Academy in the

function. Shri. Christy Thomas proposed vote of thanks. The family members of Vengayil Kunhiraman Nayanar and P. Kunhiraman Nair were also present in the function.

The famous short story writers Shri.C.V.Balakrishnan, Shri.Ambikasudan Mangad and the students from the Department of Malayalam Kum.Megha.P and Kum.Shilpa Chandran interacted with the students.

The eminent personalities like Dr.P.V.Krishnan Nair, Member, Malayalam Advisory Committee, Sahithya Academy, Dr.Mini Prasad, Member, Malayalam Advisory Committee, Sahithya Academy, Shri.Krishna Poojappura, famous film script writer, Dr.Joseph Koyippally Joseph, Associate Professor, Dept. of English, CUK, Dr.Nandyath Gopalakrishnan, Associate Professor, Mahatma Gandhi College, Shri.Rajeev Gopalakrishnan, Sr.Sub-editor, Malayala Manorama, Dr.Krishnan Nambuthiri, Professor, Sree

Sankaracharya University of Sanskrit, Dr.Efthikar Ahammed, Asst. Professor, Dept. of English, CUK, Dr.Seema Chandran, Asst. Professor, Dept. of Hindi, CUK and Dr.Ajthan Menoth lead various session in the seminar. An orientation programme on the Malayalam short stories was conducted on 14<sup>th</sup> March 2019 in which Dr.A.M.Unnikrishnan, Professor, University of Kerala lead the classes.

The valedictory ceremony was inaugurated by Hon'ble Vice-chancellor Prof. (Dr) G. Gopa Kumar. Prof. (Dr.) Ajith Kumar.N, Head, Dept. of Malayalam and Dean of the School of Languages and Comparative Literature presided over the function. The renowned film director Shri.Balu Kiriyath was the chief guest of the function. Shri.L.V.Harikumar, Member, Malayalam Advisory Board, Sahithya Academy delivered the welcome speech and Kum.Nimya, Research Student proposed vote of thanks.

# MOTHER TONGUE DAY OBSERVED



The International Mother Tongue Day was observed in the Department of Malayalam on 21<sup>st</sup> February 2019. Today the technology helps the languages to grow up and live in. Eminent novelist Shri. T. D. Ramakrishnan told during his key-note address in the function. During the period of invasion of the technology, everybody believed that it was the death

# **Department of Malayalam conducted Three-Day International Seminar**



Dept. of Malayalam conducted three-day international seminar on creating the text of theatre in contemporary drama on 06, 07, 08 February 2019. Hon. vice chancellor Prof. (Dr.) G. Goapa Kumar inaugurated the function. Giovanna summo (Founder-Grouppo Arete Retro Danza- Art Theatre Dance Group, Italian Ministry of National Heritage and Culture) famous actor, director and choreographer from Italy and Shima Nabeel Asst. Professor, Dept. of Drama & Criticism Higher institute of Dramatic Art, Academy of Art Egypt) were two foreign resource persons and Dr. P. M Gireesh associate professor madras University, Dr.S.S Sreekumar professor Govt. college mahe, Margi Madhu, Head Dept of Drama SSUS, Kalady and eminent drama writer and director vinod kumar from Dept of Drama SSUS, Kalady, eminent drama writer and director N.Sasidharan ,faculty from school of drama Trissur, Raja warier from visual Art dept. Keralala University were Resource persons. Research Scholars from Aligad University, Hyderabad University, Kerala kalamandalam, Kerala University, SSUS Kalady, MG University, CUK Kasargod presented Research Papers. Students from kalamandalam kasargod govt college, payyannur college, Nehru college and CUK were participated in the Seminar.

knell of the books and languages. But now the reading habit has come back and the technology as well as the new generation are holding an important role to maintain a good atmosphere for reading, he added.

The programme was inaugurated by Hon'ble Vice-Chancellor Prof. (Dr.) G. Gopa Kumar, Prof. (Dr.) K.Jayaprasad, Pro-Vice chancellor, Prof. (Dr.) Ajith Kumar.N, Dean, School of Language & Comparative Literature, Dr.Sudha Balakrishnan, Head, Dept. of Hindi, Dr.G.Palanirajan, DR.Efthikar A h a m m a d, Dr. V. R a j e e v and Dr.R.Chrandrabose felicitated the function. The celebration was concluded with a *Chakyar Koothu* by Shri. Vineeth Chakyar.

## Department of Environmental Science



Honourable Vice Chancellor Prof. (Dr.) Gopa Kumar, inaugurating the One day Workshop on "Thesis and Paper Writing Skills" on 06.03.2019 at Sabarmathi Hall, CUK, which was jointly organised by the Department of Environmental Science and PMMMNMTT.



Prof. (Dr.) A. Raman, Charles Sturt University, Australia along with the participant of the Workshop on " Ph.D Supervision Skills" on 07.03.2019 which was jointly organised by the Department of Environmental Science and PMMMNMTT.



## Department of Animal Science

### Faculty achievement

1. Dr. Viatcheslav N. Ivanenko, Leading researcher, Department of Invertebrate Zoology, Lomonosov Moscow State University, Russia visited CUK under DST-RFBR Collaborative Research Project entitled “Integrative study of parasitic crustacean copepods from coral communities of the Northwest Indian Ocean”, from 10-20 January 2019 and extended his research expertise on symbiotic copepods on coral reef fauna with the researchers in the crustacean research laboratory.
2. Dr. Sudha K., Principal Investigator, DST-RFBR collaborative Research project visited Lomonosov Moscow State University, Russia during the period from 19 -29 March 2019 and worked with Dr. Viatcheslav N. Ivanenko, Russian collaborator, Department of Invertebrate Zoology on parasitic copepods of coral fishes.

### Publications

1. Rijin, K., Sudha, K., Vineesh, P. J., & Anilkumar, G. (2019). Seasonal Variation in the Occurrence of Parasitic Isopods and Copepods (Crustacea) Infecting the

- Clupeidaen Fishes of Malabar Coast, India. *Turkish Journal of Fisheries and Aquatic Sciences*, 19(3), 241-249.doi.org/10.4194/1303-2712-v19\_3\_07
2. Keethadath, A., Kappalli, S., Gayathri, N., Thomas, D. M., & Anilkumar, G. (2019). Impact of gamma irradiation on tissues of the mud crab, *Scylla serrata* (Forskål, 1775) (Decapoda, Portunidae) electron microscopic study and DNA comet assay. *Crustaceana*, 92(1), 33-56.doi.org/10.1163/15685403-00003833
3. Kottarathil, H. A., & Kappalli, S. (2019). Reproductive System in the Male Phase of a Parasitic Isopod (Crustacea) Morphological, Histological and Ultrastructural Evidence for Sequential Protandrous Hermaphroditic Changes. *Zoological Studies*, 58(2019).doi: 10.6620/ZS.2019.58-04

### Student Achievements

1. PhD scholars from the research lab of Dr. Sudha K. have presented their research reports to World Brackishwater Aquaculture Conference, BRAQCON 2019 conducted by ICAR-Central Institute of Brackishwater Aquaculture and Society of Coastal Aquaculture and Fisheries.
2. Varun Jolly joined as CSIR-JRF in the research lab of Dr. Sudha K. to work on Brachyuran hematopoietic tissue.

### News Items Invited

HODs and Section Heads are invited to Submit news items and activity reports for the period April-June 2019 for the next edition of Newsletter

by 15th July 2019 by

E-mail: newsletter@cukerala.ac.in

in word file with original photographs (Please provide the photographs as jpeg image)

1. Amrutha Vani S., Namitha K., Aswathi K., Jose Priya T.A., Sudha K. Poster titled “Correlation among the molt cycle, ovarian cycle and brood cycle in ovigerous female of *Norileca indica* a protandric hermaphroditic isopod infesting *Rastrelliger kanagurta*”, 2019. World Brackish water Aquaculture Conference, BRAQCON 2019, Chennai, India.
2. Nikhila Reshma M.V., Amrutha Vani S., Rijin K., Jose Priya T.A., Sudha K. Postertitled “Caligids (Copepoda: Siphonostomatoidea) infecting food fishes of Malabar Coast, India”, 2019. World Brackishwater Aquaculture Conference, BRAQCON 2019, Chennai, India
3. AishwaryaNath, Aswathi K., Jose Priya T.A., Sudha K. Poster titled “Study on male population of *Austruca triangularis* (A. Milne-Edwards, 1873): Determination of sexual maturity via morphometric observation”, 2019. World Brackishwater Aquaculture Conference, BRAQCON 2019, Chennai, India

2. Varun Jolly joined as CSIR-JRF in the research lab of Dr. Sudha K. to work on Brachyuran hematopoietic tissue.

### समाचार आमंत्रित है

समस्त विभागाध्यक्षों एवं अनुभागाध्यक्षों से अनुरोध है कि न्यूज़लेटर के अगले अंक के लिए अप्रैल- जून 2019 की अवधि से संबंधित समाचार एवं गतिविधि रिपोर्ट 15 जुलाई 2019 तक वर्ड फाइल में असली फोटोग्रेफ सहित ई-मेल newsletter@cukerala.ac.in द्वारा प्रेषित करें।

(कृपया फोटोग्रेफ केवल jpeg इमेज के रूप में प्रदान करें)



## Department of Social Work

### Paper Published:

Dilip Diwakar G. Framework to Study Exclusion in ICDS Centre: A Case of Kancheepuram District, Tamil Nadu, International Journal of Research in Social Sciences Vol 9 (2) 366-382, February 2019, ISSN: 2249-2496.

### Resource Person:

#### Dr. Dilip Diwakar G

Chaired a session on "Role of Health Care Providers, Media and Social Support Groups in the Prevention and Management of Substance Abuse" on 8<sup>th</sup> Jan 2018, in the national Conference on "Public, Private and Community Partnership on Prevention and Management of Drug Abuse", at the Department of Social Work, Central University of Kerala in association with NISD, New Delhi on 7<sup>th</sup> and 8<sup>th</sup> January, 2019

#### Dr. Laxmi

Chaired a session on "Women in Conservation" in the two day National Conference on "Women and Environment" organized by the Centre for Women's Studies, CUK funded by National Commission for Women

Chaired a paper presentation session in the National Conference on "Public, Private and Community Participation in Prevention and Management of Drug Abuse" held on 7th and 8th January 2019 organized by the Department of Social Work, CUK.

Resource person in a session entitled "Responsibility of Citizens to Protect Environment" on 113th March 2019 organized by 1QAC and the Department of Sociology, Government First Grade College, Bannur, Mysuru.

**Dr. Jilly John** was the Chair Person, Board of Adjudicators, Open defence and Public Viva Voce at School of Gandhian Thought and Development Studies at Mahatma

Gandhi University, Kottayam on 18<sup>th</sup> January 2019.

### Participation in Seminar or conference

**Dr Laxmi** participated in the two day National Conference on "Women and Environment" organized by the Centre for Women's Studies, CUK funded by the National Commission for Women

### Programmes Conducted:

**Dr. Jilly John** organized a two day National Conference on Public-Private-Community Partnership in Prevention and Management of Drug Abuse in the Department of Social Work, Central University of Kerala on 7th and 8th January 2019

Two day National Conference on the topic "Public- Private-Community Partnership in Prevention and Management of Drug Abuse" was organized by the Department of Social Work, Central University of Kerala in association with National Institute of Social Defence, New Delhi, on 7<sup>th</sup> and 08<sup>th</sup> January 2019.

**Dr. Dilip Diwakar** conducted a one day workshop on "Social Legislation" in the Department of Social Work, Central University of Kerala, CUK, on 4<sup>th</sup> March, 2019

### Scholar Paper Publications:

1. Austin Sinesh Das and Dilip Diwakar G. (2019). Solid Waste Management for Sustainable Tourism. International Journal of Applied Social Science, Vol 6 (2), 399-406.
2. Akhila, K.P., & John, J. (2019). Care and Protection of sexually abused girls: An overview of Integrated child protection scheme. International Journal of Advance and Innovative Research, 6 (1), 87-92
3. Aneesh M. S, John. J. (2019). The Challenges Due to Social Exclusion of Homosexual Men in Kerala. Shodhaytan [AUJ-STN] (Vol:5/ Issue: 10) 1 - 10 (10). DOI: 10.29070/AUJ-STN.

### Students/Scholar Presentation

1. Austin Sinesh Das & Dr. Dilip

Diwakar G. "Effectiveness of solid waste management in transforming our tourism industry sustainable". Swachh Bharat: Understanding Community Health from Social Work Perspective. Mangalagangothri, Mangalore University. 29<sup>th</sup> & 30<sup>th</sup> March 2019

2. Ms. Rita and Dr. Dilip Diwakar G jointly Presented a Paper titled "Digital Media usage among adolescent school students in Kasaragod district", at 16<sup>th</sup> Samanwaya International Conference, held on 8-9<sup>th</sup> February 2019, at BCM College, Kottayam, Kerala.
3. Mr. Rashid and Dr. Dilip Diwakar G jointly presented a paper on "Vulnerability to drug abuse among the youth in Kasaragod" in the National Conference on "Public, Private and Community Partnership on Prevention and Management of Drug Abuse", at the Department of Social Work, Central University of Kerala, in association with NISD, New Delhi on 7<sup>th</sup> and 8<sup>th</sup> January, 2019.

4. Raneesh and Mohan. (2019). Tracing the evolutionary journey of the concept of Child. Department of Social Work, BCM College. 8<sup>th</sup> and 9<sup>th</sup> February, 2019.

5. Akhila, K.P., & John, J. An Overview of Alcohol and Drug Abuse in Sexual Crimes against Girls. In National Conference on Public-Private-Community Partnership in Prevention and Management of Drug abuse, Department of social work, Central University of Kerala, 8th January 2019.

### Scholars- Resource Person

1. Raneesh. (2019). Sensitisation Programme on Drug abuse. Department of Social Work and NISD. Kuttikol GramaPanchayath. 17<sup>th</sup> January, 2019
2. Aneesh M. S was a resource person for a Three-day workshop on gender and local governance, on topic Transgender rights in Kerala, organized by Kerala Institute of



Local Administration (KILA) on 2nd February 2019 at Kanhagad block panchayat.

3. Aneesh M. S was a resource person for a three-day workshop on gender and local governance, on the topic "Introduction to gender and sexuality", organized by Kerala Institute of Local Administration (KILA) on 16th February 2019 at Manjeshwar block Panchayat.

4. Swasthik AS was a resource person for a One day camp for Balasabha members organised by the Dept. of Social Work in collaboration with CDS Ajanur at CDS hall Ajanur on 09-02-2019

#### Participation in Seminar or conference:

1. All Scholars and Students of MSW attended a seminar on the topic Public-Private-Community Partnership in Prevention and Management of Drug Abuse. Department of Social Work, Central University of Kerala. 7th and 8th January 2019

2. Indu Nair V. "National Seminar on Women and the Environment". Kasaragod (Central University of Kerala). 18 th - 19 th March 2019

3. Andria John. "National Seminar on Women and the Environment". Kasaragod (Central University of Kerala). 18 th - 19 th March 2019

4. Austin Sinesh Das. Women and the Environment. Kasaragod (Central university of Kerala). 18th & 19th March 2019.

5. Austin Sinesh Das. Social Work approach to Disaster Management with special reference to Youth Participation. Angadikkadavu (Don Bosco Arts & Science College). 1st & 2nd February 2019.

#### Capacity Building (Workshop):

1. Dr. Dilip Diwakar G. attended a one day methodology workshop on "SYSTAT", on 26<sup>th</sup> March 2019, at Sabarmathi Hall, Central

University of Kerala, Kasaragod.

2. Dr. Jilly John. Attended the UGC Refresher Course on Summer School in Social Sciences. Ranchi, Jharkhand, (HRDC, Ranchi University) 05<sup>th</sup> to 25<sup>th</sup> February 2019.

3. Aneesh M S, Akhila, K.P, Raneesh, Mani K J, Anoop C Choolayil, Visakh Viswambaran, Indu Nair V, Swasthik A S, Andria John, Austin Sinesh Das attended a one-day training programme on SYSTAT Software. Seminar Hall, Sabarmathi Block, CUK on 26th March 2019

4. Mani K J attended a Workshop on Qualitative Research and Publishing in Sociology organized by the Department of Sociology, University of Kerala, in Collaboration with Indian Sociological Society (ISS), New Delhi, from 8th February to 15th February 2019.

5. Anoop C Choolayil attended a Seven Day National Workshop on Qualitative Research and Publishing, Kerala University, Trivandrum. 8th to 15th February 2019.

6. Anoop C Choolayil attended an ICSSR Sponsored Ten Day Research Methodology Workshop for Research Scholars in Social Sciences, National Institute of Technology, Calicut. 11th to 20th March 2019.

7. Indu Nair V. attended a workshop on the topic "Doing and writing Sociology: Workshop on Qualitative Research and Publica t i o n ". Thiruvananthapuram (Kerala University). 8th February to 15th February 2019

8. Andria John. "Doing and writing Sociology: Workshop on Qualitative Research and Publication" at Thiruvananthapuram (Kerala University) from 8 to 15 February 2019

9. Austin Sinesh Das attended a Research Methodology Workshop at Dharward (Centre for Multi-Disciplinary Research Centre)

from 16<sup>th</sup> to 25<sup>th</sup> January 2019..

#### Other Activities/Engagements: Community Programmes

1. Dr. Laxmi initiated a programme entitled "feed water for birds" in Government old age home paravanadukkam in the name "koodoorukam kuttirikam koottayirikam" on 20/03/2019. Dr Laxmi handed over the pots to the inmates of the old age home and inaugurated the programme. The inmates of the old age home placed the pots on different tress in the old age home and poured water onto all the pots and resolved that water be kept every day.

Mr Jesil and Ms Manasavenu, the students of the Department of Social Work, under the leadership of Dr. Laxmi re-electrified Koraga School of Perdala colony of Badiyadka Panchayath. The programme was inaugurated by Dr Radhakrishnan Nair, Registrar, Central University of Kerala on 27th March 2019 at Koraga School, Badiyadka.

Fieldwork students Ms Moosad Gowri, Ms Muhsina Jamal, Mr. Harish and Ms. Safeed , under the leadership of Dr. Laxmi organized a Waste management awareness programme in Tsunami colony, Kasargod on 23rd March 2019. The purpose of the programme was to educate people about proper waste management and suggest alternatives for waste management.

Ms. Ranjitha Mr Shihabuddin , under the leadership of Dr. Laxmi, organized a Waste management awareness programme on 20th of March 2019 at ICDS Centre Kushal Nagar.

Dr. Jilly John inaugurated the community programme/ awareness session on the topics 'Waste management' and 'yoga and lifestyle' at ICDS Kalluravi, on 16/03/2019, Saturday.

The field work students Mr. Shafeeqe



and Ms. Safreen Fayas, under the guidance of Dr Dilip Diwakar G, organized "Blooming Buds" Class on Education Orientation and Personality Development, in association with Tribal Development Department, Kasaragod at G V H S S, Ambalathara on 5th Feb, 2019.

The field work students Ms. Revathy Krishnan, Mr. Sreehari, Ms. Revathi N, under the guidance of Dr Dilip Diwakar G, organized a community programme "Chuttuvattathile Sadyathagal", at ICDS centre, AC Nagar on 26/03/2019

The field work students Mr. Praveen Kumar, under the guidance of Dr Dilip Diwakar G, organized a community programme on "Awareness class on Disaster Management and Awareness class on Health and Hygiene" at Panchayath Hall, Madikkai on 2/3/2019

Career Programme organised by the Department of Social Work



Community Programme



Coference



## CENTRE FOR GERONTOLOGY



Dr. Laxmi, Co-ordinator of the Centre for Gerontology, Central University of Kerala, initiated a programme entitled "feed water for birds" in Government Old Age Home, Paravanadukkam in the name "Koodorukkam Kuttirikkam Koottayirikkam" on 20 March 2019. The objectives of the programme were manifold: to promote the active engagement of the elderly, to

promote positive mental health and also to ensure their contribution to the conservation of environment which can provide them solace. Water feeder is one such eco-friendly practice which can promote the conservation of nature and also can help in achieving psycho social wellbeing. Dr. Laxmi handed over the pots to the inmates of the old age home and inaugurated the programme. Shri.Pankajshan,

Superintendent of Paravanadka Old Age Home, presided over the function. Ms. Maneesha delivered the welcome speech and Shri.. Sarun M proposed the vote of thanks. The inmates of the old age home placed the pots on different tress in the old age home and poured water on to all the pots and ensured that water be kept every day.

## Department of Computer Science

Fasil O. K, Research Scholar, attended the IEEE Malabar Section annual meeting on 05<sup>th</sup> January 2019. Dr Rajesh R gave an invited talk in the syllabus framing workshop at Angamali, Kerala, on 10<sup>th</sup> January 9, 2019

Dr Rajesh R gave an invited talk in the syllabus framing workshop at M.G.University, Kerala on 11<sup>th</sup> January 9, 2019

Dr. Manohar Naik S. attended the Orientation Programme at HRDC, Kannur University, during 14<sup>th</sup> Jan to 09<sup>th</sup> Feb 2019.



Shabina Bhaskar, Research Scholar, attended the conference on "Forging the Assistive Technology Value Chain" held at the National Institute of Speech and Hearing, Thiruvananthapuram, Kerala on January 18th 19th 2019.



Adithya Venugopal, Research Scholar, participated and presented a paper in the oral session in 31st Kerala Science Congress held at Fathima Mata National College, Kollam, during 2-3 February 2019

Dr. Thasleema T M, participated in the International Interdisciplinary conference on "Perspective Shift" and delivered a talk on

"Introduction to Intelligent Systems" at MAMO College, Mukkam, Kozhikode, Kerala on 12 February 2019



Dr. Thasleema T. M. as the Joint coordinator of the Workshop on Artificial Intelligence and its Application - Three Day Residential Camp Organized by State Institute of Educational and Technology (SIET), in association with the Central University of Kerala and KSCSTE - Kerala School of Mathematics during 15



Fasil O. K, Research Scholar, acted as a trainer in the Workshop on Artificial Intelligence and its Application - Three Day Residential Camp Organized by State Institute of Educational and Technology (SIET), in association with the Central University of Kerala and KSCSTE - Kerala School of Mathematics during 15 -



Dr. Rajesh R. gave an invited talk in the Workshop on Artificial Intelligence and its Application - Three Day Residential Camp Organized by State Institute of Educational and Technology (SIET), in association with the

Central University of Kerala and KSCSTE - Kerala School of Mathematics on 17 February 2019

Dr. Manohar Naik S. was the Resource Person for the Technical Session of the one-day National Seminar on "Recent Trends in Innovative Technologies" organized by the Department of Computer Science, Computer Applications and information Technology under DBT scheme at Nirmala College for Women (Autonomous), Coimbatore,



Adithya Venugopal, participated and presented a paper titled 'Effectual Hand Posture Recognition using Block Level DCT-Diagonal-HOG Features' in the third IEEE International Conference on Electrical, Computer and Communication Technologies (IEEE ICECCT 2019) held at SVS College of Engineering, Coimbatore, Tamil Nadu, India, during 20-22, February 2019.



Dr. Manohar Naik S. engaged two sessions on "Security in Information Systems" in the Refresher Course in Library & Information Science, Journalism & Mass Communication (13.02.2019 to 05.03.2019),



organized by the UGC-Human Resource Development Centre, Kannur University, Kerala on



Fasil O. K, Research Scholar, acted as a Resource Person in the One Day Hands-on Workshop on Machine Learning using Python, organized by IEDC and Alumni Association, Sullumussalam Science College, Areacode, Malappuram on 20th March 2019.



Department of Computer Science got the approval for starting a IEEE Student Branch from The Institute of Electrical and Electronics Engineers (IEEE) which is an international professional association.

One of the M.Sc. Computer Science students, Mr. Amith V., got placement offer from TCS after off campus test and interview.

One of the M.Sc. Computer Science students, Soumen Das, won the first prize in Clay modelling during the University Competition.



## International Conference on Intelligent Computing and Signal Processing



Honorable Vice Chancellor, Prof. (Dr.) G. Gopa Kumar  
Inaugurating the conference

Department of Computer Science, Central University of Kerala organized an International Conference on Intelligent Computing and Signal Processing (IntelliSig 2019) during 8-9<sup>th</sup> March, 2019 at Central University of Kerala, co-sponsored by Kerala State Council for Science, Technology and Environment (KSCSTE), Centre for Development of Advanced Computing (C-DAC), Canara Bank and Live Wire. The IntelliSig 2019 brought together leading academic scientists, researchers, scholars, technologists, engineers, investors and representatives from the industry to exchange and share their experience and research results in the area of intelligent computing and signal processing. The conference delegates represented various universities and academia across the globe.

In the inaugural session of the IntelliSig 2019, Dr. Rajesh R,



Prof. (Dr.) P. Nagabhushan, Director IIIT Allahabad delivered the inaugural keynote speech on the topic “Intelligent Information Systems - E-Evaluation of Answer Books of Mass Examination Systems”. The first day of the conference was graced with the informative keynote

Organizing Secretary and General Chair of the Conference, welcomed the gathering and addressed the importance of the conference in the current scenario. The conference was inaugurated by Prof. (Dr.) G. Gopa Kumar, Honorable Vice Chancellor of Central University of Kerala, by lighting the lamp. In his speech, he mentioned the relevance and the growth of artificial intelligence in India. The inaugural ceremony was enriched with the presence of Dr. Prathapa Chandra Kurup, Dean of School of Physical Sciences and eminent keynote speakers, Prof. (Dr.) P. Nagabhushan, Director IIIT Allahabad, Prof. (Dr.) M. R Kaimal, Dr. Ravi Chandren Muniyandi, Malesia, Dr. Kapil K Sharma, Russia, Dr. S.D. Madhu Kumar, IEEE Malabar Section Chair, NIT Calicut, Dr. Kumari Roshini V.S, Director C-DAC. Dr. Thasleema T. M proposed the vote of thanks.

speeches of various speakers from national and international level.

An IoT based project competition was also conducted as part of the conference for undergraduate and graduate students from different universities/colleges/Polytechnic colleges (individual / team wise). The goal of the project competition was to demonstrate the innovative ideas and results in front of a number of experts including researchers,

# 'AVISHKAR-2019'



Vice-Chancellor Prof. (Dr.) G.Gopa Kumar visits the counters of the AVISHKAR.

The Innovation Club and Institutions Innovation Council of the Central University of Kerala organised a two day Innovation Fest titled 'AVISHKAR-2019' on 22<sup>nd</sup> and 23<sup>rd</sup> January 2019. The fest was conducted to provide a platform for the students and faculty of the Central University of Kerala to exhibit the various innovative products developed inhouse. Several innovative products which include sensors to detect gases-Electronic NOSE, which is highly sensitive to detect odors and gases; biosafe reagent for molecular biology research - NU-lite Hue, which is a one shot substitute for four different expensive chemicals used in biological research, novel environment friendly plastic, Novel drosophila model system for checking environmental toxicants, novel drug candidate for Alzheimer's disease; novel anticancer peptides, sensors for detection of food adulterants; novel nanoparticle based drug carriers to overcome anticancer drug resistance; model for EEG helmet capable of early detection of epilepsy and drowsiness; novel formulation for diabetic wound healing and novel ways for usage of seaweeds as alternative sea vegetables were exhibited. The research teams explained to the visitors their innovations, which are ready for being patented. The innovative products exhibited were developed by angiogenesis and non-coding RNA research group, sustainable resources research group, nano devices laboratory, algal research group, genetics and toxicology laboratory and intelligent computing labs, working in the Central University of Kerala.

AVISHKAR-2019 was opened to the general public and students of various school and colleges on 23<sup>rd</sup> of January 2019. AVISHKAR-2019 counters were working from 11am to 4.30pm at the Krishna building of the Central University of Kerala. Dr. V. B. Sameer Kumar and Dr. P.M Aneesh were the coordinators of the programme.

authors, participants, entrepreneurs, industrialists, young professionals and students from different universities all over the world who will be attending the conference. The call for project abstract was circulated in all universities/colleges/ Polytechnic colleges prior to conference. The abstracts were undergone a rigorous review process and 5 teams were selected for final presentation. The winners were awarded with cash prize and certificates.



Project competition

We have had a good response to the call for papers with a number of submissions, which after rigorous review resulted in 38 papers that were shortlisted for presentation. The paper presentation was held on various parallel sessions. Dr. Sathish Kumar, Bharathiar University, Dr. Lajish VL, Calicut University, Dr. Kabeer, Calicut University and Dr. Sunil Kumar, Kannur University have taken the role of technical session chairs.

2<sup>nd</sup> day of the conference started with an invited talk on "Internet Engineering Task Force Ecosystem" by Dr. Balaji, Joint Director, C-DAC and Dr. Roshni, Director, C-DAC. In talk Dr. Balaji explained the working of block-chain, a hot topic in the current scenario.

A panel discussion on the topic "How the artificial intelligence is going to change the world?" was also conducted as part of the conference. The event was enriched by the presence of around 60 participants, including the citizens of Kenya, Nigeria, Sudan and Iran.



Panel discussion on "How the artificial intelligence is going to change the world?"



Students from various Schools in the Avishkar Programme



# सी यू केरल न्यूज़लेटर

# CU KERALA NEWSLETTER

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

April-June 2019

A QUARTERLY NEWSLETTER FROM THE CENTRAL UNIVERSITY OF KERALA



## अंतर्राष्ट्रीय योग दिवस

केरल केन्द्रीय विश्वविद्यालय में पांचवां उपस्थित थे। अंतर्राष्ट्रीय योग दिवस 21 जून 2019 को मनाया गया। उद्घाटन समारोह में माननीय कुलपति प्रो. (डॉ.) जी. गोप कुमार ने अध्यक्षता की। उन्होंने अपने अध्यक्षीय भाषण में, योग और आयुर्वेद किस प्रकार मनुष्य के दैनिक जीवन में महत्वपूर्ण भूमिका निभाते हैं, इस के बारे में अपना बहुमूल्य मत व्यक्त किया। चिन्मय मिशन के क्षेत्रीय प्रधान, पूज्य स्वामी विविकानन्द जी समारोह में मुख्य अतिथि रहे। उन्होंने अपने संवादात्मक भाषण के दौरान अष्टांग योग की विशेषज्ञाओं और उस के अनुप्रयोग के बारे में जानकारियां प्रदान की। समारोह में सम-कुलपति (डॉ.) के, जयप्रसाद, कुलसचिव, डॉ. ए. राधाकृष्णन नायर एवं परीक्षा नियंत्रक डॉ.एम. मुरलीधरन नम्ब्यार

डॉ. राजेन्द्र पिलांकट्टा, अधिष्ठाता, चिकित्सा एवं सामूहिक स्वास्थ्य स्कूल एवं अध्यक्ष, आयोजन समिति ने स्वागत भाषण दिया और डॉ. सुब्रह्मण्य पैलूर, शैक्षणिक समन्वयक, योग विभाग ने कृत्त्वात् ज्ञापित की।

केरल केन्द्रीय विश्वविद्यालय के योग विभाग के नेतृत्व में विश्वविद्यालय के आस-पास के स्कूलों में पठनेवाले 450 विद्यार्थियों को योग प्रशिक्षण दिया था और जिन्होंने समारोह में कोमन योग प्रोटोकोल का प्रदर्शन किया। विद्यार्थियों ने योग से जुटे अनेक प्रकार के रंगीन संस्कृतिक कार्यक्रम भी आयोजित किया। योग विभाग के विद्यार्थियों ने कई प्राकार के एडवेंसेड योग अभ्यास का भी प्रदर्शन किया।

Nambiar, Controller of Examinations also marked their presence.

Dr. Rajendra Pilankatta, Dean, School of Medicine & Public Health & Joint Chairman of the Organizing Committee delivered the welcome speech and Dr. Subramanya Palloor, Academic Co-ordinator of the Department of Yoga Studies proposed the vote of thanks.

The Department of Yoga, CUK has conducted Yoga training for nearly 450 students studying in various schools nearby the University. They performed Common Yoga Protocol during the function. The students also performed various cultural programmes related to Yoga during the function. Students of the Department of Yoga Studies also demonstrated various advanced yoga postures.

## INTERNATIONAL DAY OF YOGA

5<sup>th</sup> International Day of Yoga was celebrated at Central University of Kerala on 21<sup>st</sup> June 2019. Hon'ble Vice Chancellor Prof. Dr. G. Gopa Kumar presided over the function. In his speech, he said how Yoga and Ayurveda play important roles in the day-to-day life of the people. Chinmaya Mission Regional Head, Pooja Swami Viviktananda was the Chief Guest of the function. In his interactive speech he gave importance to 'Ashtanga Yoga' and its application. .

Prof. (Dr.) K. Jayaprasad, Pro- Vice Chancellor, Dr. A. Radhakrishnan Nair, Registrar and Dr. M. Muralidharan





## संदेश / Message

नमस्कार,

केरल केन्द्रीय विश्वविद्यालय, शैक्षणिक उत्कृष्टता एवं बुनियादी सुविधाओं के विकास से संबंधित अपने लक्ष्यों की ओर तेजी से बढ़ रहा है। वर्तमान शैक्षणिक वर्ष में यह विश्वविद्यालय 4 नए परास्नातक पाठ्यक्रमों का आरंभ कर सका जैसे, प्रबंधन अध्ययन, पर्यटन एवं यत्रा अध्ययन, कॉमर्स एवं एक कन्नड भाषा। शिक्षा विभाग, योग अध्ययन विभाग एवं अतिथि गृह के मकानों का निर्माण कार्य प्रगति में है। दो नए छात्रावासों के निर्माण की पूर्ति भी होनेवाली है। और हमारा विश्वास है कि प्रशासनिक भवन एवं केन्द्रीय पुस्तकालय का निर्माण कार्य भी वर्ष 2019 में आरंभ किया जा सकता है।

हाल ही में तेजस्विनी हिल्स परिसर के दो प्रमुख सजावटी प्रवेश द्वार, तेजस्विनी गेट एवं पयस्विनी गेट का उद्घाटन संपन्न हो चुका है। प्रधान द्वार विश्वविद्यालय का एक आइकनिक संरचना बन चुका है जो हमें एक किला सदृश उद्यान, विशाल सीठियों तथा उस के ऊपर सजित एक बहुत सुन्दर धेरा की ओर ले जाता है। इस प्रकार यह विश्वविद्यालय भौतिक तथा शैक्षणिक स्तर पर उल्लेखनीय परिवर्तनों के साथ आगे बढ़ रहा है।

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

आप का,

प्रो. (डॉ.) जी. गोप कुमार  
कुलपति

Dear all,

The Central University of Kerala is moving fast towards its major goals of academic excellence and infrastructural development. The University could launch 4 new PG courses like Management Studies, Tourism and Travel Studies, Commerce and Kannada language in the current academic year. The construction work of the new buildings of the Department of Education, Department of Yoga Studies and Guest House are under progress. Two new hostel buildings are also expected to be completed soon. We expect that the construction work of the Administrative Building and Central Library can be started in the year 2019 itself.

Recently, two major ornamental entrance gates of Tejaswini Hills campus, named Tejaswini Gate and Payaswini Gate have been opened. The main entrance has now become the iconic structure of the University which leads us to a fort like garden, broad steps and a beautiful circle at the top. Thus the University now undergoes with remarkable transformations, physically and academically.

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

Sincerely,

Prof. (Dr.) G. Gopa Kumar  
Vice-Chancellor



# UNIVERSITY LIBRARY

All the books purchased during this quarter have been catalogued and classified with bar code labeling and date slip.

## Workshop and Seminar Attended:

### Dr. P. Senthilkumaran, Deputy Librarian

Attended the Library Advisory Committee Meeting at Kannur University, Kannur on 02.04.2019.

Attended the DELNET (Developing Library Network) 28<sup>th</sup> Annual General Body Meeting held at DELNET, JNU Campus, New Delhi on 09.04.2019.

Attended and presented a paper on "Research Trends in Epilepsy: A Scientometric analysis" in International Conference on SRFLIS summit for 2019, Delhi University from 18.4.2019 to 20.4.2019.

### Dr. Shivarama Rao, K Assistant Librarian

Attended workshop on Digital Informatics, at Mangalore University College, Mangalore on 10.05.2019.

Attended workshop on Insights on CBCS and MOOC in Higher Education System, St. Agnes College (Autonomous), Mangalore on 28.06.2019.

### Dr. Gireesh Kumar T.K., Assistant Librarian

Delivered a lecture on 'Library Software-An Overview' to the students of Certificate Course in Library and Information Science, Institute of Library and Information Science, Kerala State Library Council (Government of Kerala) on 16th May 2019.

Became a Life Member of Society for the Advancement of Library and Information Science (SALIS), Tamilnadu

Became a member of Ranganathan Society for Social Welfare and Library Development (RSSWLD), Greater Noida, Uttar Pradesh

### Shri. Ashok Thomas, Professional Assistant

Attended as resource person and led the classes for CLISc Students of Kerala State Library Council, Kasaragod in May 2019

### Dr. Shabu, M.A, Semi-Professional Assistant

Acted as a resource person for CLISc Students of Kerala State Library Council in May 2019

### Ms. Priya, K, Semi-Professional Assistant

Acted as a resource person for CLISc Students of Kerala State Library

Council in May 2019

### Shri. Abdul Jaseem, C, Library Assistant

Acted as a resource person for CLISc Students of Kerala State Library Council in May 2019.

### Ms. Sreeja, K.P, Library Assistant

Attended the National Workshop on Publishing Scholarly Articles on April 29 May 02, 2019 (Monday to Thursday) at CHMK Library, University of Calicut.

Acted as a resource person for CLISc Students of Kerala State Library Council during the May 2019.

## Award.

Dr.P.Senthil Kumaran, Dy. Librarian received the Indian Library Leaders Promising Professional Award instituted by Satija Research Foundation for Library & Information Science; the award was presented at the Three Day International Summit held in Delhi University.

## Class Topper

Dr. Gireesh Kumar T.K., Assistant Librarian successfully completed PGDLAN (Post Graduate Diploma in Library Automation and Networking) course from University of Hyderabad with first class (Class Topper).

## कंप्यूटर विज्ञान विभाग/Department of Computer Science

शहीन ए खादर, एम.एस.सी, कंप्यूटर विज्ञान (2017-19 बैच) को “स्पीक रिकार्डिंग एण्ड स्पीकर डायराइसेशन फॉर इंडियन इंग्लीश एण्ड हिन्दी” विषय पर, डॉ. तस्लीमा टी.एम, सहायक आचार्य के अधीन की गई परियोजना के आधार पर गूगल सम्मर ऑफ कोड 2019 के लिए चुनाया गया है।

Shaheen A Khader (PCS051723), Student of M.Sc. Computer Science (2017- 19 batch) has been selected for Google Summer of Code (GSoC 2019) for the project entitled "Speech Recognition and Speaker Diarization for Indian English and Hindi" under the guidance of Dr. Thasleema T M, Assistant Professor, Department of computer Science, CUK.

## News Items Invited

HODs and Section Heads are invited to Submit news items and activity reports for the period July-September 2019 for the next edition of Newsletter to the Media Relations Office

E-mai:  
newsletter@cukerala.ac.in  
in word file with original photographs (Please provide the photographs as jpeg image)



## तेजस्विनी हिल्स परिसर में वनस्पति उद्यान **Botanical Garden in Tejaswini Hills Campus**

केरल केन्द्रीय विश्वविद्यालय ने केरल  
वन विभाग के सहयोग से 'पच्चतुरुरु' (क्रद्धुड्धुड्धु  
छ्याइण) नामक एक वनस्पति उद्यान तैयार करने  
के लिए एक परियोजना की आरंभ किया है। प्रो.  
(डॉ.) जी. गोप कुमार, माननीय कुलपति ने  
कार्यक्रम का उद्घाटन किया। परियोजना हेतु  
तेजस्विनी हिल्स परिसर में तीन एकड़ की भूमि दी  
गई है जहां सागौन, चंदन, शीशाम सहित विभिन्न  
प्रकार के पेड़-पौधों का रोपण किया गया। यहां  
कुल दो हजार पेड़-पौधों का रोपण किया गया जो  
विश्वविद्यालय के एन.एस.एस प्रकोष्ठ, पादप  
विज्ञान विभाग एवं स्वच्छ भारत मिशन के संयुक्त  
तत्वावधान में संपन्न हुआ। उद्घाटन समारोह में  
प्रो. (डॉ.) के. जयप्रसाद, सम-कुलपति, डॉ.ए.  
राधाकृष्णन नायर, कुलसचिव, डॉ.ए.म.  
मुरलीधरन नम्ब्यार, परीक्षा नियंत्रक एवं  
कार्यकारी परिषद् के सदस्य भी उपस्थित थे। डॉ.  
इफतिख्यर अहमद, समन्वयक, एन.एस.एस  
प्रकोष्ठ एवं डॉ.अरुण कुमार, अध्यक्ष, पादप  
विज्ञान विभाग ने कार्यक्रम का नेतृत्व किया।

programme was inaugurated by Prof. (Dr.) G. Gopa Kumar, Vice-chancellor on 10<sup>th</sup> July 2019. Three

Central University of Kerala initiated a project to set up a botanical garden named 'Pacha Thuruthu' (Green Patch) in collaboration with the Kerala Forest Department.

The Central University of Kerala initiated a project to set up a botanical garden named 'Pacha Thuruthu' (Green Patch) in collaboration with the Kerala Forest Department. The





10<sup>th</sup> July 2019. Three acres of land in Tejaswini Hills Campus is earmarked for this garden for various species of trees including Sandal Wood, Teak and Rosewood. Two thousand saplings have been planted during the programme which was conducted under the joint auspices of the National Service Scheme Cell, the Department of Plant Science and the Swacch Bharat Mission. Prof. (Dr.) K. Jayaprasad, Pro-Vice Chancellor, Dr. A. Radhakrishnan Nair, Registrar, Dr. M. Muralidharan Nambiar, Controller of Examinations and the Members of the Executive Council, CUK attended the inaugural function. Dr. Ethikar Ahamed, NSS Cell Coordinator and Dr. Arun Kumar, Head of the Department of Plant Science led the programme.



## सी.यू.के को उच्च एन.आई.आर.एफ रैंकिंग

नैशनल इंस्टिट्यूशनल रैंकिंग फ्रेमवर्क (एन.आई.आर.एफ 2019) द्वारा आयोजित रैंकिंग सर्वेक्षण में केरल केन्द्रीय विश्वविद्यालय को देश के प्रथम 150 विश्वविद्यालयों में रैंक प्राप्त हुआ। एन.आई.आर.एफ भारत सरकार के मानव संसाधन विकास मंत्रालय के अधीन आनेवाला एक अभिकरण है। माननीय राष्ट्रपति श्री रामनाथ कोविंद ने 08 अप्रैल 2019 को विज्ञान भवन, नई दिल्ली में एन.आई.आर.एफ रैंकिंग की उद्घोषणा की। देश की आई.आई.एस.सी, आई.आई.टी, आई.आई.एम जैसी संस्थानों एवं एच.सी.यू. बी.एच.यू. जे.एन.यू जैसे केन्द्रीय विश्वविद्यालयों सहित कुल 3127 संस्थानों के साथ प्रतियोगिता करते हुए ही केरल केन्द्रीय विश्वविद्यालय ने ऐसी सफलता को प्राप्त कर लिया है। विश्वविद्यालयों के बीच, सीयूके ने पिछले साल (2018) के रैंकिंग, याने भारत के 860 विश्वविद्यालयों में प्रमुख 150 के अंदर का स्थान, बरकरार रखा है। कुलपति महोदय प्रोफेसर (डॉ.) जी.गोप कुमार ने समस्त संकाय सदस्यों एवं कर्मचारियों को इस बहुमूल्य उपलब्धि पर बधाइयाँ दीं। उन्होंने कहा कि केरल केन्द्रीय विश्वविद्यालय के लिए यह उपलब्धि अत्यंत महत्वपूर्ण है क्योंकि यह विश्वविद्यालय अपने आरंभ का केवल एक दशक की पूर्ति कर चुका है। अगले शैक्षणिक वर्ष में यहां नए चार परास्नातक कार्यक्रम, जैसे-प्रबंधन अध्ययन, पर्यटन अध्ययन, कॉमर्स एवं कन्फ्रेड भाषा का आरंभ किया जाएगा। उन की परिकल्पना है कि केरल केन्द्रीय विश्वविद्यालय का परिया परिसर आसन्न भविष्य में उच्चतर शिक्षा के राष्ट्रीय तथा अंतर्राष्ट्रीय आकर्षण केन्द्र बन जाएगा।

## CUK gets high NIRF ranking

Central University of Kerala (CUK) ranked among the top 150 premier educational institutions across India, as per the national institutional ranking framework (NIRF 2019), MHRD, Govt. of India survey. President Ramnath Kovind announced the NIRF Rankings for Indian educational institutes at Vigyan Bhawan, New Delhi on 8<sup>th</sup> Apr 2019. CUK got this meritorious success by competing with the 3127 institutions including IISC, IITs, IIM and other established Central Universities like HCU, BHU and JNU etc. that are participated in the ranking process. Among universities, CUK retained its previous year (2018) status of

top 150 among 860 universities across India.

Hon. VC, Prof. (Dr.) G. Gopakumar congratulated all faculty members and staffs of CUK for this marvelous achievement. He also added that the current success is highly significant, as the CUK is only a decade old institution that celebrated its 10<sup>th</sup> foundation day on 2<sup>nd</sup> Mar 2019. Next academic year CUK launches new PG courses in Management Studies, Tourism, Commerce and Kannada language. He envisioned that CUK, Periyar campus is going to become national as well as international center of attraction for higher education very soon.

## Department of Genomic Science

### Faculty Achievements

#### Recent Publications:

Dr.Ranjith Kumavath

Divyashree M, Madhu K Mani, Dhanasekhar Reddy, Ranjith Kumavath\*, Debmalya Barh\* Clinical Applications of Antimicrobial Peptides (AMPs): where do we stand now? *Proteins and Peptide Letters*-In press-2019 IF-1.168

Acosta-Smith E, Leon-Sicairos N, Tiwari S, Flores-Villaseñor H, Canizalez-Roman A, Kumavath R, Ghosh P, Azevedo V, Barh D. Piper betel Compounds Piperidine, Eugenyl Acetate, and Chlorogenic Acid Are Broad-Spectrum Anti-Vibrio Compounds that Are Also Effective on MDR Strains of the Pathogen. *Pathogens* (2019) 8(2).E64. doi: 10.3390/pathogens8020064. IF-3.405

Jobina Rajkumari, Subhomoi Borkotoky, Dhanasekhar Reddy, Saswat Kumar Mohanty,

Ranjith Kumavath, Ayaluru Murali, Kitlangki Suchiang, Siddhardha Busi\* Anti-quorum sensing and anti-biofilm activity of 5-hydroxymethylfurfural against *Pseudomonas aeruginosa* PAO1: Insights from in vitro, in vivo and in silico studies. *Microbiological Research* Vol. 226, (2019) Pages 19-26. <https://doi.org/10.1016/j.micres.2019.05.001> IF-3.701

Sai reng puii H n a m t e , Paramanantham Parasuraman, Sampathkumar Ranganathan, Dinakara Rao Ampasala, Dhanasekhar Reddy, Ranjith Kumavath, Kitlangki Suchiang, Saswat Kumar Mohanty, Siddhardha Busi, (2019). Mosloflavone attenuates the quorum sensing controlled virulence phenotypes and biofilm formation in

*Pseudomonas aeruginosa* PAO1: In vitro, in vivo and in silico approach. *Microbial Pathogenesis* 131 (2019) 128134. doi.org/10.1016/j.micpath.2019.04.005. IF-2.581

Sandeep Tiwari, Debmalya Barh\*, Ranjith Kumavath, S. Prabu Seenivasan, Syed Babar Jamal, Vanaja Kumar, Preetam Ghosh, Vasco Azevedo. "Acetate kinase (AcK) is essential for microbial growth and betel compounds potentially target AcK, PhoP, and MDR proteins in *M. tuberculosis*, *V. cholerae*, and pathogenic *E. coli*: An in silico and in vitro study". *Current Topics in Medicinal Chemistry* 2019; 18(31):2731-2740. IF-3.442

### Students Achievements

#### Best Oral Presentation Award

Mr. Dhanasekhar Reddy, Ph.D. Scholar, Department of Genomic Science, Central University of Kerala, working under the guidance of Dr Ranjith Kumavath has received the B E S T O R A L PRESENTATION AWARD for his thesis topic presentation on "Peruvoside Targets Apoptosis and Autophagy through MAPK Wnt /  $\beta$  - catenin and PI3K/AKT/mTOR Signaling Pathways in Human Cancers" at the International Symposium on C O N V E R G I N G TECHNOLOGIES FOR H U M A N W E L F A R E BIOTECHNOLOGY, NANOTECHNOLOGY AND I N F O R M A T I O N TECHNOLOGY CONCEPT TO COMMON LIFE in collaboration with DBT STAR scheme organized by Department of Biotechnology, Mar Ivanios College, Thiruvananthapuram.



Mr. Dhanasekhar Reddy, Ph.D. Scholar, Department of Genomic Science, CUK receives Best Oral Presentation Award from Dr. Saji George, McGill University, Canada.

### Best Poster Award

**Mr. Madangchanok Imchen, PhD research scholar**, under the guidance of Dr. Ranjith Kumavath, Sr. Assistant Professor, from the Department of Genomic Science was awarded with 1st prize for best poster presentation for his thesis work on "Comparative Metagenomic Study on the Resistome and Microbial Community of Global Mangrove Sediments" at the National Conference on Green, Sustainable and Evolving Sciences (GSES-2019) & 64th Annual Technical Session of Assam Science Society organized by Cotton University, Assam on June 2829, 2019. His work exposes the strength and diversity of global mangrove microbiota in respect to other ecosystems. In addition, his work also highlights the Resilient Resistome in the Mangrove Sediments.



Mr. Madangchanok Imchen, PhD research scholar, Department of Genomic Science, receiving the best poster award from the Chief Guest of the conference.



## Department of Social Work

### Paper Published

Kavitha M. R., & Mohan, A. K. (2019). Vulnerability of the solid Waste Collectors' (Household Waste Collectors) Good Health and Well-being: with reference to Bangalore City, Karnataka, India. *International Journal of Applied Social Science*, 6(4),817-823.

Mohan, A. K., (2019) Skill training for youth development: understanding from the perspective of trained employed youth of Mysuru city. *Review of research*, 8(9),31-36.

Prakasha Amin., & Mohan A. K. (2019). Indigenous Healing Practice and Beneficiaries' Perception. Research review international Journal of Multidisciplinary. 4 (6)494-499.

John, J., Krishna Prasad, & Aneesh, M.S. (2019). Addressing the psychosocial threats for the wellbeing of tribes in Kerala. *International Journal of Advance and Innovative Research*, 6(2), 81-90.

John, J., & Akhila, K.P. (2019). Deprivation of Social Justice among Sexually Abused Girls: A Background Study. *International Journal of Research and Analytical Reviews*, 6(2), 645-656.

### Paper Presentation

Dr. Mohan A K. Presented a paper titled Understanding and influencing Environmental Responsible Practices at household through Motivational Interviewing at International conference on Change and Innovation for a Better World: The Future of Social Work Profession. The University of Hong Kong in association with Asia Pacific Association of Social Workers, Hong Kong, 27<sup>th</sup>

and 28<sup>th</sup> June, 2019.

Dr. Laxmi & Mr. Anoop C. Choolayil. "Music Therapy: A Catalyst for Ageing Actively under Institutional Care". International conference on Change and Innovation for a Better World: The Future of Social Work Profession. University of Hong Kong in association with Asia Pacific Association of Social Workers. Hong Kong, 27<sup>th</sup> and 28<sup>th</sup> June, 2019.

Anoop C. Choolayil & Dr. Laxmi. "The Middle Path to Ageing Successfully: Reconciling Disengagement and Activity Theories through Buddha's M a j h i m a p a t i p a d a ". International conference on Change and Innovation for a Better World: The Future of Social Work Profession. The University of Hong Kong in association with Asia Pacific Association of Social Workers, Hong Kong, 27<sup>th</sup> and 28<sup>th</sup> June, 2019.

### Resource Person

Aneesh M S (2019). Sensitization programme on gender, sexuality and human rights, organized by Snehittha Kudumbasree Gender help desk Kasaragod on 29<sup>th</sup> June,2019.

### Documentary

Swasthik A S (June,2019). Made a Video documentary titled "In search of Roots" on farm fest culture of the Kasaragod District.

### Award

Dr. Mohan A K Associate Professor and Head, Department of social work got "BURSARY Award" (HK\$ 2000) in the 2019 international conference on "Change and Innovation for a Better world" at Hong Kong

University held on 27<sup>th</sup> to 29<sup>th</sup> June 2019.

### Open Well Recharge through Roof Water Harvesting at Teaching Block one

The department of Social Work, Central University of Kerala implemented a project to harvest rain water and recharge a well after realising the severe water scarcity faced by the university during the summer months of March to May. The project was proposed as an endeavor of the Social Work Students' forum to the Honourable Vice Chancellor of Central University of Kerala. The project was, consequently, approved and an amount of Rs. 119465 was allocated by the university. The project committee was headed by Dr. Mohan A. K, Head, Department of Social Work and the implementation of the project was overseen by Mr. Abdul Rashid, Ms. Ashwathi A, Ms. Moosad Gauri Sureshkumar, Ms. Snehasudha P. P and Ms. Revathy Krishnan; students of the Department of Social Work. The construction works started on 13<sup>th</sup> Oct, 2018 and the infrastructure was completed on 11<sup>th</sup> February, 2019. The entire project was completed with an amount of Rs. 1,02,922 and rest of the amount sanctioned i.e. Rs. 16543 has been refunded to the university. The project was planned and implemented through Social Work Students' Forum and the students are actively engaged in ensuring the fruitful functioning of the project. The project is currently full-fledged and expected to serve the purpose of water management through conservation in the upcoming years as well.

## अर्थशास्त्र विभाग

### छात्र उपलब्धियां

शोधार्थी श्री बासिम के एवं मुहम्मदली के ने 10 से 19 जून 2019 तक नई दिल्ली में संपन्न फॉर्थ एडीशन ऑफ रिसर्च एण्ड इंफोर्मेशन स्टेम्प्स (आई.आई.एस) एकिजम बैंक सम्मर स्कूल ऑफ इंटरनेशनल ट्रेड में भाग लिया ।

### यूजीसी- नेट 2019 प्राप्त विद्यार्थी

अर्थशास्त्र विभाग के विद्यार्थी, अतुलराज .पी.वी, गोपिका एम., आतिरा करुणाकरन, प्रियंका वी, कृष्णा.पी.एम, अरुण जोस, दर्शना एम.एस., रिया मेरिन वर्गीस, जी.एस. सान्द्रा नायर एवं कुञ्जिकृष्णन. वी ने यूजीसी-नेट 2019 में योग्यता प्राप्त हुई है ।

### Department of Economics

#### Students Achievement

Research Scholars Mr. Basim K and Muhammedali K Participated in 4th Edition of Research and Information System (RIS) - EXIM Bank Summer School on International Trade" on 10<sup>th</sup> to 19<sup>th</sup> June 2019 at New Delhi.

#### Students qualified UGC NET in June 2019.

Athu lRaj P V, Anjana Sabu, Gopika M, Athira Karunakaran, Priyanka V, Krishna P M, Arun Jose, Darsana M S, Riya Merin Varughese, G S Sandra Nair and Kunhikrishnan V of Department of Economics qualifide the UGC-NET in June 2019.

## हिन्दी विभाग

### प्रकाशन/शोध प्रपत्र

#### डॉ. सुप्रिया. पी, सहायक आचार्य

डॉ. सुमा.एस द्वारा संपादित पुस्तक नया सीहित्य नए प्रश्न में रेप में आनंद का आरोपः स्त्री विरोध का नया स्वर, वाणी प्रकाशन, नई दिल्ली, 2019 (आईएसबीएन-978-93-88684-27-9)

डॉ.आरसु द्वारा संपादित पुस्तक, हिन्दी साहित्य को दक्षिण भारत की दक्षिणा (केरल संदर्भ) में साइनिक जीवन के संघर्ष, जवाहर पुस्तकालय, मथुरा, उत्तर प्रदेश, 2019 (आईएसबीएन-978-81-8111-389-4)

डॉ.आरसु द्वारा संपादित पुस्तक, प्रेमचंदः आधुनिक वातावरण से में भूख की हुकः बूढ़ी काकी, जगतभारती प्रकाशन, प्रयागराज, 2019 (आईएसबीएन-978-93-84480-27-0) (मुद्रणाधीन)

### Department of Hindi

#### Publication / Research Articles

#### Dr. Supriya. P, Asst. Professor

'Rape me anand ka aarop : Stri Vidroh ka Naya Swar' in Book Naya Sahitya Naye Prashn, 2019 Edited by Dr. Suma S. Published by Vani Prakashan, New Delhi ( ISBN 978 93 88684 27 9)

'Sainik Jeevan ke Sangarsh' in Book Hindi Sahitya Ko Dakshin Bharat ki Dakshina ( Keral Sabdarbh), 2019 Edited by Dr. Arsu Published by Jawahar Pustakalaya, Mathura, UP (ISBN 978 81 8111-389 4)

'Bhook ki Hook : Boodi Kaaki' in Book Premchand: Adhunik Vatayan se, 2019 Edited by Dr. Arsu Published by Jagat Bharati Prakashan, Prayagraj ( ISBN 978 93 84480 27 0) (IN PRESS)

## भूविज्ञान विभाग

### विभाग की गतिविधियां

डॉ. आर. शंकर, प्रोफेसर (सेवानिवृत्त), मेराइन जीयोलजी विभाग, मांगलूर विश्वविद्यालय एवं भूतपूर्व अध्यक्ष, इंटरनेशनल जीयोसाइंस एज्युकेशन ऑरगानाइजेशन ने दिनांक 27.06.2019 को हाउट टु एण्ड हाउट नोट टु प्रिपरे पावर पॉयंट विषय पर आमंत्रित भाषण दिया ।

डॉ. के. गणेश राज, महा प्रबंधक, रीजियनल रिमोट सेंसिंग सेंटर साउथ, एन.आर.एस.सी, आई.एस.आर.ओ, बैंगलोर ने दिनांक 28.06.2019 को जीयोस्पेशियल एप्लिकेशन्स एण्ड रीसेंट ट्रैड्स विषय पर आमंत्रित भाषण दिया ।

### Department of Geology

#### Activities of the Department

Dr. R. Shankar, Professor (retired), Dept. of Marine Geology, Mangalore University and Past Chair, International Geoscience Education Organization delivered an invited talk on 'How to and How not to prepare Power Point' on 27/06/2019.



Dr. R. Shankar delivers invited talk



Dr. K. Ganesha Raj delivers invited talk

Dr. K. Ganesha Raj, General Manager, Regional Remote Sensing Centre South, NRSC, ISRO, Bangalore delivered an invited talk on 'Geospatial applications and Recent Trends' on 28/06/2019.



## Department of Law

The Alumni Association of Department of Law has organised a National Seminar titled “Human Rights, Humanitarian Law and Constitution: Changing Dimensions” on 13<sup>th</sup> of May 2019. Prof. N.K Jayakumar, Former Vice Chancellor, NUALS inaugurated the function. Prof. David Ambrose, Prof. Sudesh, Prof. Marian Pinheiro & Prof. Bismi Gopalakrishnan graced the occasion with their presence. As part of this function, the legal fraternity extended homage to late Prof. N.R Madhava Menon. Best paper awards were delivered for top three in UG, PG and Ph.D Category. The valedictory speech was delivered by Adv Sajith Kumar, Standing Counsel, Central University of Kerala.

## Inaugural Function



Winners receive the best paper award in the valedictory ceremony.

Special Lecture on Copyrights and Neighbouring Rights



Dr. G B Reddy (Dean, Faculty of Law, Osmania University) delivered special lecture on Copyrights and Neighbouring Rights on 7<sup>th</sup> February 2019.

Releasing of Proceedings of International Seminar



Dr G B Reddy (Dean, Faculty of Law, Osmania University) released the proceedings of the International Seminar on “internationalization of Human Rights and Changing Dimensions of Fundamental Rights”

## International Interdisciplinary Seminar

International Interdisciplinary Seminar on Internationalization of Human Rights and Changing Dimensions of Fundamental Rights, was organised by Department of Law on 7-9 February 2019. The inaugural function was chaired by Prof. Dr R Venkata Rao Honourable Vice Chancellor National Law School of India University, Bangalore. Prof. Dr G

Gopakumar Vice Chancellor, Central University of Kerala delivered the presidential address. Prof. Dr K. C Sunny, Vice Chancellor, National University of Advanced Legal Studies, Kochi delivered a special address and Adv Sajith Kumar, Standing Counsel of Central University of Kerala felicitated the function.

The keynote speech was delivered by Prof. Pamela Sue Katz, Professor of Legal Studies and Political Science, The Sage Colleges, Troy, New York.



Vice-chancellor Prof. (Dr) G. Gopa Kumar inaugurates the International Interdisciplinary Seminar.



Prof. V K Ahuja Professor, Faculty of Law Delhi University, delivers special lecture

## Special Lecture on Human Gene Patenting and Human Rights

Dr. Vani Kesari Assistant Professor School of Legal Studies CUSAT, Kochi delivered a special lecture on Human Gene Patenting and Human Rights and had an interactive session with the student.



Dr. Vani Kesari delivers special lecture

### Special Lecture on Copyright, Patent and Designs

The Department of Law conducted a special lecture on Copyright, Patent and Designs on 20th & 21<sup>st</sup> March 2019 at Thiruvalla Campus. Dr. Aathira P.S., Assistant Professor and Director Centre for Intellectual Property Rights NUALS, Kochi and Dr. I Sreelatha (Assisstant Professor B.R Ambedkar Law Institute, Tirupati delivered the lectures



Prof. (Dr.) K.C.Sunny, Honourable Vice Chancellor, National University of Advanced Legal Studies, Kochi felicitates the prize distribution ceremony of Cankama

### Farewell to the batch of 2017-2019



Farewell to the batch of 2017-2019 was organised on 25<sup>th</sup> March 2019

### Training programme on Manupatra Legal Database



Training programme on Manupatra Legal Database was organised on 8<sup>th</sup> April 2019.

### Symposium on “Criminal Justice Administration in India

Department of Law organised a Symposium on “Criminal Justice Administration in India: Recent Trends” on 26<sup>th</sup> April 2019. Prof. Dr. Mehraj Uddin Mir, Honourable Vice Chancellor of Central University of Kashmir was the Chief Guest of the function and Prof. Dr. K.C Sunny, Honourable Vice Chancellor of NUALS was the Guest of Honour.

### Faculty Achievements

#### Dr. Gireesh Kumar.J

Acted as a Resource Person and engaged two sessions in the Faculty Development Programme on “Revamping Teaching, Learning and Evaluation Process in Law Schools” conducted by the National University of Advanced

Legal Studies, Kochi, Kerala from 10<sup>th</sup> to 14th June, 2019.

Participated and acted as a Resource Person in the National Workshop on “Reservation Policy in India in the Light of the Changing Parameters” conducted by the National University of Advanced Legal Studies, Kochi, Kerala on 27<sup>th</sup> February, 2019.

Participated and chaired a session in the National Seminar on “Realization of Collective Rights of Tribals, Issues and Challenges” Organized by the Centre for Law, Governance and Policy Studies, Government Law College, Ernakulam, Kerala from 08<sup>th</sup> to 10<sup>th</sup> March, 2019.

Participated, acted as Resource Person and presented a paper titled, “Indian Secularism Challenges Ahead” in the National Seminar on “Challenges to Secularism in Indian Democracy” organized by the Department of Political Science and Public Administration, St. John's College, Anchal on 11<sup>th</sup> March, 2019.

Engaged two Sessions on “International Humanitarian Law, Rights of the Displaced and Refugees” in the “UGC Refresher Course/Summer School Social Sciences and Humanities” organized by the UGC, Human Resource Development Centre, Kannur University, Kerala on 19th March 2019.

Article/ Research Paper titled “Right to Development, An Expanded Arena of Human Rights” has been published in the



book on "Human Rights and Constitutional Governance" published by the Department of Law, Central University of Kerala Volume-I, Issue-I, February, 2019. (ISBN-978-93-5346-708-1).

### Dr.Jayasankar.K.I

Presented a Paper titled 'Human Rights of Sexual Minorities with special reference to Transgenders in India' in International Interdisciplinary Seminar on Internationalization of Human Rights and Changing Dimensions of Fundamental Rights in the Department of Law Central University of Kerala held from 7<sup>th</sup> to 9<sup>th</sup> February 2019.

Acted as a Resource person at Short Term Course in Human Rights and RTI Act UGC-HR Development Centre, Kannur University, Kerala held from 13th to 19th February 2019

Acted as a Resource person and presented a paper titled 'Law for the Protection of Heritage in Kerala' at National Seminar on Heritage Studies: History, Theory and Practices Centre for Heritage Studies, Department of Cultural Affairs, Government of Kerala held on 21st to 23rd March 2019



Published a chapter on 'Human Rights of Sexual Minorities with special reference to Transgenders in India' in the Edited Book titled 'Human Rights and Constitutional Governance' published by Department of Law, Central University of Kerala

### Dr Meera S

Participated in orientation Programme conducted by University of Kerala in the month of May 2019

Acted as a resource person in the International Seminar on "Realisation of Women's Rights: International and National Perspective" organised by Centre for Advanced Legal Studies and Research, Trivandrum on 16<sup>th</sup> of March 2019.

Published a paper titled "Protection of women prisoners- An international perspective" in the proceedings of International Seminar on "Realisation of Women's Rights: International and National Perspective" organised by Centre for Advanced Legal Studies and Research, Trivandrum on 16<sup>th</sup> of March 2019.

Article/ Research Paper titled "Children and their Rights in Disasters: A Convention Approach" has been published in the book on "Human Rights and Constitutional Governance" published by the Department of Law, Central University of Kerala Volume-I, Issue-I, February, 2019. (ISBN-978-93-5346-708-1).

### Aathira Raju

Participated in one-week refresher course for law teachers on IPR and Competition Law conducted by Inter-University Centre for IPR Studies, CUSAT from 14<sup>th</sup> to 21<sup>st</sup> June 2019.

Participated in Faculty

Development Programme on International Law organised by Tamil Nadu National Law University, Trichy from 22<sup>nd</sup> to 26<sup>th</sup> of June 2019

Acted as a resource person in the Two Day National Seminar on "Changing Dimensions of Physician- Patient Relationship: Towards Evolving Meaningful Consensus" on 15<sup>th</sup> and 16<sup>th</sup> of March 2019, organised by School of Legal Studies CUSAT acted as a Chair in one of the Technical Sessions in the Three Day National Seminar on "Realisation of Collective Rights of Tribal: Issues and Challenges" conducted by Centre for Law and Governance, Govt. Law College, Ernakulam

Article/ Research Paper titled "Right to Development as a Human Right" has been published in the book on "Human Rights and Constitutional Governance" published by the Department of Law, Central University of Kerala Volume-I, Issue-I, February, 2019. (ISBN-978-93-5346-708-1).

### Students Activities

Keerthi secured third prize for folk dance and second prize for recitation Malayalam, in CANKAMA, The University Youth Festival of Central University of Kerala.

Arya A R won third prize for spot painting in CANKAMA.

Team comprising of Arya A R, Haritha C V and Shani Varghese secured second position in Supremo Amicus 9<sup>th</sup> Research Paper Writing Competition for a paper titled "Adoption rights of sexual minorities" the same has been published by

Team comprising of Arjun Philip George, Lekshmi Shibu and Vishnupriya P Govind published a paper titled "Freedom Of

Religion V. Individual Rights: Striking A Balance Between Religious Rights And Rights Of LGBT Community In A Constitutional State" in an online journal named *Supremo Amicus* (ISSN -2456-9704).

Vishnuprasad of 2<sup>nd</sup> Sem LLM presented a paper titled "Adoption Rights of Third Genders with Special Reference to Transgenders" in International Seminar on "Transgender Rights and Law" organised by Legal Service Clinic, GLC Thrissur.

Joyina of 2<sup>nd</sup> Sem LLM presented a paper titled "Assertion of Rights of Transgenders" in International Seminar on "Transgender Rights and Law" organised by Legal Service Clinic, GLC Thrissur.

Vishnuprasad of 2<sup>nd</sup> Sem LLM presented a paper titled "Forest Rights" in National Seminar on "Developmental Concerns of Depressed Class in Globalised Scenario" organised by GLC Calicut.

Joyina of 2<sup>nd</sup> Sem LLM presented a paper titled "Uniform Civil Code and Gender Justice" in National Seminar on "Developmental Concerns of Depressed Class in Globalised Scenario" organised by GLC Calicut.

Vishnuprasad of 2<sup>nd</sup> Sem LLM presented a paper titled "Adoption Rights of Third Genders" in National Seminar on "The Law and Problems Relating to Gender Justice in India" organised by GLC Calicut.

Joyina of 2<sup>nd</sup> Sem LLM presented a paper titled "Land Ownership and Rights of Dalits" in National Seminar on "The Law and Problems Relating to Gender Justice in India" organised by GLC

Calicut.

Arjun Philip George of 2<sup>nd</sup> Sem LLM presented a paper titled "Right to be left alone: The forgotten rights of tribal communities" in three day National Seminar on "Realisation of Collective Right of the Tribal Communities" organised by H.H Maharajas Government Law College Ernakulam on 10<sup>th</sup> March 2019.

Arjun Philip George of 2<sup>nd</sup> Sem LLM along with Asst. Prof. Pavithra R of Christ University presented a paper titled "Evaluating the Effectiveness of Children Court in India" in Two Day International Conference on "Child Rights : Emerging Issues and Concerns" organised by School of Legal Studies CUSAT on 1<sup>st</sup> and 2<sup>nd</sup> March 2019.

Bravishma and Soorya of 2<sup>nd</sup> Sem LLM presented a paper titled "Child Marriage in India: An Insight into Law and its Effects" in Two Day International Conference on "Child Rights: Emerging Issues and Concerns" organised by School of Legal Studies CUSAT on 1<sup>st</sup> and 2<sup>nd</sup> March 2019.

Arjun Philip George of 2<sup>nd</sup> Sem LLM presented a paper titled "Sexually Liberated Women: A New Dimension for Women's Right" in the International Seminar on "Realisation of Women's Rights: International and National Perspective" organised by Centre for Advanced Legal Studies and Research in association with Kerala Law Academy Law College on 16<sup>th</sup> March 2019. The same has been published in a book veering ISBN No: 978-93-5351-440-2.

## For Private Circulation only

Arjun Philip George of 2<sup>nd</sup> Sem LLM, along with Zeenia, LLM Student Bangalore University presented a paper titled "Debate on Section 124 A in the Context of a Transformative Democratic Constitution" in National Seminar on "Indian Constitution @ 70" organised by PES University Bangalore.

Arjun Philip George of 2<sup>nd</sup> Sem LLM, along with Zeenia, LLM Student, Bangalore University presented a paper titled "Activist Judiciary for a Transformative Constitution" in National Seminar on "Transformative Constitutionalism in India" organised by KLE Law College Bangalore and won the best paper award.



### Book Release

### HUMAN RIGHTS AND CONSTITUTIONAL GOVERNANCE

The book *Human Rights and Constitutional Governance* published by the Department of Law, Central University of Kerala; Volume-I, Issue-I, February, 2019. ISBN-978-93-5346-708-1) was released by Prof. (Dr.) G. Gopal Kumar, Hon'ble Vice Chancellor, Central University of Kerala along with Prof. R. Venkata Rao, Hon'ble Vice Chancellor, National Law School of India University, Bengaluru.



# सी यू केरल न्यूज़लेटर

## CU KERALA NEWSLETTER

Vol: III, No. 3

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

July-September 2019

A QUARTERLY NEWSLETTER FROM THE CENTRAL UNIVERSITY OF KERALA



### नए छात्रावासों का उद्घाटन

केरल केन्द्रीय विश्वविद्यालय के दो नए छात्रावासों, पम्पा (महिला छात्रावास) एवं नेय्यार (पुरुष छात्रावास) का उद्घाटन माननीय कुलपति प्रो. (डॉ.) जी. गोप कुमार द्वारा दिनांक 11.07.2019 को पेरिया, तेजस्विनी हिल्स परिसर में संपन्न हुआ। इन छात्रावासों का निर्माण सामाजिक न्याय एवं सशक्तीकरण मंत्रालय, भारत सरकार के ओ.बी.सी गेल्स एण्ड बॉयस होस्टल स्कीम के अधीन प्राप्त वित्तीय सहयोग से किया गया है। इस उद्घाटन

समारोह के दौरान अन्य दो नए छात्रावासों का शिलान्यास भी माननीय कुलपति द्वारा किया गया। अपने उद्घाटन भाषण में कुलपति ने कहा कि बुनियादी सुविधाओं के विकास के लिए विश्वविद्यालय विशेष ध्यान दे रहा है। वर्तमान में इस विश्वविद्यालय में तीन छात्रावास मौजूद हैं और इन दो नए छात्रावासों के उद्घाटन से छात्रावासों की संख्या 5 बन चुकी है तथा दिसंबर 2020 तक विश्वविद्यालय में कुल छात्रावासों की संख्या 10 हो जाएगी। प्रो. (डॉ.) के. जयप्रसाद,

समकुलपति ने उद्घाटन समारोह की अध्यक्षता की। डॉ.ए. राधाकृष्णन नायर, कुलसचिव द्वारा स्वागत भाषण दिया गया और श्री के.जी. राजगोपाल, कार्यपालक अभियंता ने कृतज्ञता ज्ञापित की। समारोह में डॉ.ए.माणिक्यवेलु, अधिष्ठाताछात्र कल्याण एवं श्री बी.श्रीनिवास, अधीक्षण अभियंता, केन्द्रीय लोक निर्माण विभाग, कोंपिंग्रांड प्रभाग ने आशिवर्चन दिया। इन दो नए छात्रावासों में कुल 100 विद्यार्थिनियाँ एवं 100 विद्यार्थी ठहर सकते हैं।

### Two New Hostels Inaugurated

The new two hostels, PAMBA (Women's hostel) and NEYYAR (Men's hostel), constructed with the financial assistance from the Ministry of Social Justice and Empowerment, Govt. of India under OBC Girls and Boys Hostel Scheme were inaugurated in the Central University of Kerala by Prof. (Dr.) G. Gopa Kumar, the Vice-Chancellor on 11 July 2019 at Tejaswini Hills Campus, Periye. The foundation stone for another two new hostels was also laid by the Vice-Chancellor in this function. In his inaugural address, the Vice-Chancellor said that the

University is giving special attention to its infrastructural development. At present there are three hostels in the University and with the opening of these two new hostels, the number of hostels will be increased to five, and by December 2020, there will be 10 hostels in the University. Prof. (Dr.) K. Jayaprasad, Pro-Vice Chancellor presided over the function. Dr. A.



Radhakrishnan Nair, Registrar delivered the welcome speech and Shri. K. G. Rajagopal, Executive Engineer proposed the vote of thanks. Dr. A. Manickavelu, Dean of Students Welfare and Shri. B. Srinivas, Superintending Engineer, CPWD, Kozhikode Division felicitated the function. 100 boys and 100 girls can be accommodated in the new hostels.





## संदेश / Message

नमस्कार,

केरल केन्द्रीय विश्वविद्यालय ने अपनी स्थापना के दस साल की पूर्ति की है और आज वह शैक्षणिक उत्कृष्टता की तरफ सही रास्ते से होकर आगे बढ़ रहा है। हम चतुर्थ दीक्षांत समारोह एवं स्थापना दिवस समारोह 2 मार्च 2020 को आयोजित करनेवाले हैं।

आज केरल केन्द्रीय विश्वविद्यालय में 27 पाठ्यक्रम, 2100 विद्यार्थी, 166 अध्यापक एवं 61 गैर-अध्यापक कर्मचारी हैं। 70 शैक्षणिक पदों तथा 90 गैर-शैक्षणिक पदों की भर्ती हेतु आवश्यक कदम उठाया जा चुका है। अधिकांश तात्काल बुनियादी जरूरतों की पूर्ति हो चुकी है। वर्तमान में इस विश्वविद्यालय में कुल 57689 वर्ग मीटर का निर्मित क्षेत्र होता है जिस में अत्याधुनिक प्रयोगशालाएँ एवं प्रमुख पुस्तकालय भी मौजूद हैं। यहां छात्रावास चल रहे हैं और नए तीन छात्रावासों का निर्माण प्रगति में है। अतिथि गृह का निर्माण भी तेजी से चल रहा है। प्रशासनिक भवन एवं पुस्तकालय के निर्माण की पूर्ति मार्च 2021 में हो जाएगी। केन्द्रीय पुस्तकालय का शिलान्यास 26 जनवरी 2020 को हो चुका है। योग विभाग एवं शिक्षा स्कूल के भवनों का निर्माण हो चुका है जिन का उद्घाटन फरवरी 2020 में हो जाएगा। शैक्षणिक क्षेत्र में हमारे विद्यार्थियों ने यू.जी.सी. नेट परीक्षाओं पर चमकदार विजय प्राप्त कर ली है। समाजशास्त्र एवं मानविकी विषयों में कुल 91 विद्यार्थियों ने नेट जेआरएफ प्राप्त कर लिए हैं। इस उपलब्धि हेतु मैं सभी विद्यार्थियों तथा अध्यापकों को बधाई देता हूँ। विद्यार्थियों के लाभार्थ 16 फरवरी 2020 को एक जोब मेला भी आयोजित कए जानेवाला है।

मैं विश्वास करता हूँ कि केरल केन्द्रीय विश्वविद्यालय के विकास एवं समर्कन के लिए वर्ष 2020 उल्लेखनीय होगा। मुझे उम्मीद है कि समस्त अध्यापक, गैर-अध्यापक कर्मचारी, विद्यार्थी, माता-पिता एवं सामाज्य जनता इस संस्थान को अपनी शैक्षणिक उत्कृष्टता की ओर यथाशीघ्र विकसित हो जाने में पूर्ण सहयोग देंगे।

सी.यू. केरल न्यूज़लेटर के नए अंक के लिए शुभकामनाएँ।

आप का,

प्रो. (डॉ.) जी. गोप कुमार  
कुलपति

Dear all,

The Central University of Kerala has completed 10 years of its existence and is on the right track towards academic excellence. We will be conducting the Fourth Convocation and the Foundation Day on March 2, 2020.

Today, the CU Kerala has 27 courses, 2100 students and 116 teachers and 61 non-teaching staff. Now the steps are initiated to fill up the remaining 70 teaching and 90 non-teaching positions soon. Most of the urgent infrastructural needs are met. Presently, the University has a built up area of 57689 square metres with state of the art laboratories and a major library. Six hostels are functioning now and constructions of two more hostels are progressing. Guest House construction is also progressing with rapid speed. An exclusive Administrative Block and Central Library will be completed by March 2021. The foundation stone for the Central Library was laid on 26<sup>th</sup> January 2020. The construction of the buildings for Yoga Department and School of Education are completed and will be inaugurated in February 2020. At the academic level, our students have brought laurels in UGC-NET examination. A total of 91 students passed NET-JRF examination from Social Sciences and Humanities section. I congratulate the students and teachers in this regard. The Job Mela will be held on 16<sup>th</sup> February, 2020 for the benefit of students.

I do hope that 2020 will be remarkable for the growth and consolidation of the Central University of Kerala. I am sure that the teachers, non-teaching staff, students, parents as well as the public will support this institution for developing into a centre of excellence soon.

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

Sincerely,

Prof. (Dr.) G. Gopa Kumar  
Vice-Chancellor



## MoU signed with Indira Gandhi National Centre for Arts



The Central University of Kerala signed MoU for cultural exchange with the Indira Gandhi National Centre for Arts, New Delhi. The MoU was signed by Prof. (Dr.) G. Gopa Kumar, Vice-Chancellor, CUK and Prof. Sachidananda Joshi, Member Secretary, Indira Gandhi National Centre for Arts. Joint activities in the field of language, art and culture, and conducting of short term courses, learning, research and publication are the main objectives. The activities will be organised under School of Cultural Studies, CUK.

## WORLD TOURISM DAY



World Tourism Day was celebrated in Central University of Kerala. The programme was jointly organized by the Department of Tourism Studies, CUK and the District Tourism Promotion Council,

Kasaragod. The inaugural ceremony was presided over by Prof. (Dr.) G. Gopa Kumar, Vice-chancellor and inaugurated by District Collector, Kasaragod Dr. D.Sajith Babu, IAS. Dr.A.Radhakrishnan Nair, Registrar, Dr.M.Muralidharan Nambiar, Controller of Examinations and Dr.T.Mohan Babu, Academic Dean, Nilgiri Arts and Science College felicitated the function. Dr. Nagaraj Sharma delivered the introductory speech. Dr.Sibi P.S, Academic Co-ordinator, Dept. of Tourism Studies delivered the welcome speech and Dr.Muhammed Ashraf.B.A proposed vote of thanks.

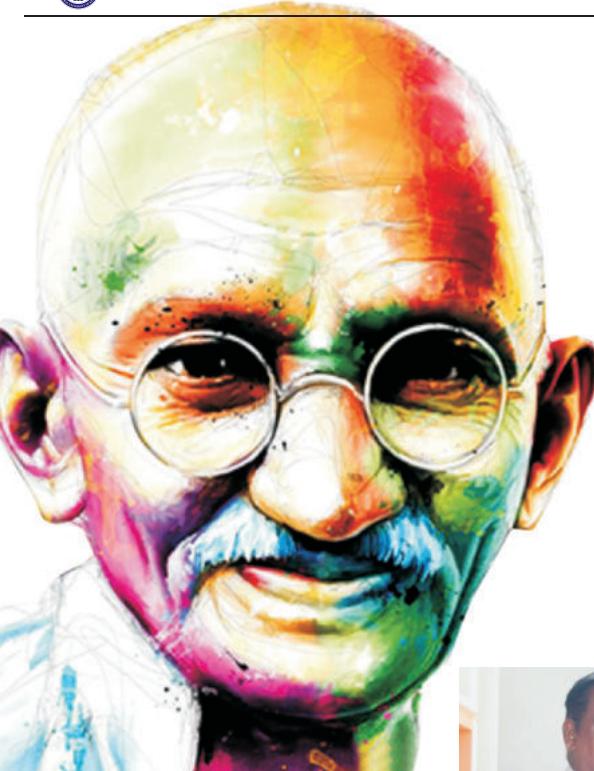
## Independence Day observed

Independence Day was observed in the Central University of Kerala on 15 August 2019. Hon'ble Vice-Chancellor Prof. (Dr.) G. Gopa Kumar gave Independence Day message after hoisting the National

Flag at Tejaswini Circle in the presence of Prof. (Dr.) K. Jayaprasad, Pro-Vice Chancellor, Dr. A. Radhakrishnan Nair, Registrar, Dr. M. Muralidharan Nambiar, Controller of Examinations, Deans, HODs, Faculty members,

Non-teaching staff and students. Dr. A. Manickavelu, Dean of Students Welfare was the Co-ordinator of the programme. The programme concluded with the colourful cultural programmes by the students.





# Gandhi Darshan Yatra



Highlighting the importance of creating an awareness among the students about Gandhiji and relevance of Gandhian thoughts, the National Service Scheme Cell of the Central University of Kerala (CUK) organized a 5 Day Gandhi Darsan Yatra across Kerala, from Periye Campus to Thiruvananthapuram from 28<sup>th</sup> September to 2<sup>nd</sup> October 2019 as part of the 150<sup>th</sup> Birth Anniversary of Mahatma Gandhi.

50 NSS Volunteers got a rare opportunity to visit many places in Kerala where Gandhiji visited during freedom struggle.

Shri. Rajmohan Unnithan, Hon'ble MP, Kasaragod flagged off the Gandhi Darshan Yatra in Tejaswini Hills Campus on 28th September 2019 in the presence of Dr.M.Muralidharan Nambiar, Controller of Examinations, Dr.Muhammedunni Elias Musthafa, Professor, Dept. of Education, Dr.Efthikar Ahmad.B, Co-ordinator, NSS Cell, CUK and Adv. Sreekanth.

As part of the 150th Birth Anniversary of Mahatma Gandhi, a team of 50 NSS volunteers of the Central University of Kerala will visit various places across Kerala where Mahatma Gandhi visited earlier. The group will visit from the Anandashram, Payyannur to Thiruvananthapuram from 28th September 2019 to 2nd October 2019.

## Gandhi Darshan Yatra team at Guruvayur



The second day of the Yatra began at 6 am from Calicut. The first stop in the day was at Guruvayur. The volunteers visited the Guruvayur Satyagraha Memorial. Guruvayur Satyagraha took place in 1932 and was an effort to allow entry for untouchables into the Guruvayur Temple. It was led by K. Kelappan, who undertook a hunger strike for 12 days, until it was stopped because of a request from Mahatma Gandhi and the Indian National Congress.

Mahatma Gandhi hailed it as "the miracle of modern times" and "a smriti which is peoples charter of spiritual emancipation". K. Kelappan, A.K. Gopalan(volunteer captain), P.Krishna Pillai, Mannathu Padmanabhan and N.P. Damodaran Nair were the leaders of that agitation. The volunteers also attended a talk on the topic of "Gandhiji and Guruvayur" which was done under the collaboration of N.S.S unit of Sreekrishna College Guruvayur.



### Gandhi Darshan Yatra team at Mathrubhumi, Kozhikode



Gandhi Darshan Yatra team at Guruvayur



The team at Thanthai Periyar Memorial, Vaikom

### Closing Ceremony at Capital Center



Honourable Vice Chancellor Prof. (Dr.) G. Gopa Kumar and the Gandhi Darshan Yatra team at Sadhu Jana Paripalana Sangam, Venganoor



The team at Varkala Sivagiri Ashram



The Yatra Closing Ceremony at Capital Center of CUK in Thiruvananthapuram

The team visited V. P. Appukutta Poduval who is a freedom fighter, social activist and Gandhian at his residence in Payyanur. They honoured him with a ritualistic shawl.

## Entrance Gates Inaugurated



The newly constructed entrance gates of the Tejaswini Hills Campus were inaugurated by Hon'ble Vice-Chancellor Prof. (Dr.) G. Gopa Kumar on 16 September 2019 in the presence of Prof. (Dr.) K. Jayaprasad, Pro-Vice Chancellor, Dr. M. Muralidharan Nambiar, Controller of Examinations, faculty members, non-teaching staff and students. The main entrance gate is named as Tejaswini Gate and the south gate is named as Payaswini Gate.

## INDUCTION CEREMONY 2019



The Induction Ceremony of the new UG and PG batches of the Central University of Kerala was organized on 15 July 2019 at Tejaswini Hills Campus, Periyar, Kasaragod. The function was

inaugurated by Prof. (Dr.) G. Gopa Kumar, Hon'ble Vice Chancellor. Prof. (Dr.) K. Jayaprasad, Pro Vice-Chancellor, Dr. A. Radhakrishnan Nair, Registrar and Prof. (Dr.) Muhammedunni Elias Musthafa,

Dean, School of Education felicitated the function. Dr. M. Muralidharan Nambiar, Controller of Examinations, delivered the welcome speech and Dr. A. Manickavelu, Dean, Student Welfare, proposed the vote of thanks. The coordinators of various Cells and Committees of the University briefed the students about the functions and activities of the respective Cells/Committees. All faculty members, non-teaching staff, students and parents attended the function.





## ONAM CELEBRATION 2019



Mega Thiruvathira Kali

The ONAM Celebrations 2019 was inaugurated by Hon'ble Vice-Chancellor Prof. (Dr.) G. Gopa Kumar on 4 September 2019. He gave his Onam greetings to the

entire University community. This year, the Onam celebrations started with a Mega Thiruvathira Kali by the students, faculty members and non-teaching staff. The Thiruvathira Kali

was performed in the Tejaswini Circle. Dr. A. Manickavelu, Dean, Student Welfare was the Co-ordinator of the Onam celebrations.

## रक्तदान शिविर/Blood Donation Camp



केरल केन्द्रीय विश्वविद्यालय के समारोह में आशिर्वचन दिया। कासरगोड जेनेरल राष्ट्रीय सेवा योजना (एन.एस.एस.), एकक3 के होस्पिटल रक्त बैंक के चिकित्सा अधिकारी तत्त्वावधान में, विश्वविद्यालय के स्वास्थ्य केंद्र एवं कासरगोड जेनेरल होस्पिटल की संयुक्त सहयोगिता से विश्वविद्यालय में एक रक्तदान शिविर आयोजित किया गया। शिविर का उद्घाटन कासरगोड जेनेरल होस्पिटल की संयुक्त सहयोगिता से विश्वविद्यालय के 100 से अधिक विद्यार्थियों तथा कर्मचारियों ने इस शिविर में भाग लेकर माननीय कुलपति प्रो. (डॉ.) जी. गोप कुमार ने किया और कुलसचिव डॉ.ए.राधाकृष्णन नायर ने

The CUK-NSS Unit-3

organized a Blood Donation Camp in association with the Blood Bank, General Hospital Kasaragode and the CUK Health Centre. Prof. (Dr.) G. Gopa Kumar, Hon. Vice-Chancellor, CUK inaugurated the camp followed by the felicitation given by the Registrar, Dr. A. Radhakrishnan Nair. Dr. Smitha, Medical Officer, Blood Bank, General Hospital Kasaragode led the camp along with Dr. Shyni. P, Dr. Arathi R Nair and Dr. Kannan. More than 100 students as well as the employees of the University attended the camp and donated their blood.

## WASH WORKSHOP Valedictory Ceremony



A three day workshop on 'Water Sanitation and Hygiene' for the school principals and teachers was organized in Central University of Kerala under the joint auspices of the Department of Environmental Science, Central University of Kerala and Pandit

Madan Mohan Malaviya National Missionon Teachers and Teaching from 29 to 31 July 2019.

The valedictory address was delivered by Hon'ble Vice Chancellor Prof. (Dr.) G. Gopa Kumar. He expressed his views on the importance of safe water and better

sanitation facilities in schools. Registrar Dr. A. Radhakrishnan Nair said that Central University of Kerala will always extend its support to all the schools in the form of Outreach and Extension Activities whenever required. Project Head of PMMMNMTT Prof. Dr. Amruth G. Kumar mentioned that the Centre always welcomes and supports the proposals related to teacher education. Dr. Anbazhagi, Convenor of the workshop assured that the Central University WASH Team is ready to provide training programmes individually to the schools if required.

# CHINTHAVISHTAYAYA SEETHA



As part of the centenary celebration of Malayalam poet Kumaran Asan's poetry, *Chinthavishtayaya Seetha* a seminar was organized under the auspices of the Department of Malayalam. The seminar was inaugurated by the

Vice-chancellor Prof. (Dr.) G. Gopa Kumar. Prof. (Dr.) Ajith Kumar.N, Head, Department of Malayalam presided over the function. Dr.Sajay.K.V delivered the key-note address. Dr.R.Chandrabose and Dr.Devi.K felicitated the function.

After the seminar, a poetry presentation was organized in which Raveendran Padi, K.Devika, Greeshma, Nidhina and Kiran Ram participated and presented the poems.

## ചിന്താവിഷ്ടയായ സീതാ സ്ത്രാവലത്തിന്റെ കാവ്യം

സീത യുടെ ചാരി താർത്തമ്യവും സ്ത്രാവലവും വെളിച്ചു കൂടുതുനന്ദനയും കാവ്യമാണ് ആശാന്തി ചിന്താവിഷ്ടയായ സീതയെന്ന് ഡോ. സജയ് കെ. വി. പരിഞ്ഞു. കേരള കേരളസർവ്വകലാശാല മലയാളവിഭാഗത്തിൽ നടന്ന ചിന്താവിഷ്ടയായ സീത ശത്രം ബംഗിയാജ്ഞാപ്പ സെമിനാറിൽ സംസാരിക്കുകയായിരുന്നു അദ്ദേഹം. കാലാന്തര സ്ത്രീയവസ്ഥയോട് ചേർത്തുനിർത്തുന്നതു കൊണ്ട് ചിന്താവിഷ്ടയായ സീത ഇപ്പോഴും ചർച്ചയാകുന്നതെന്ന് അദ്ദേഹം പരിഞ്ഞു. രാജനിതിയുടെ തടവിയിൽ ബന്ധിക്കപ്പെട്ട രാമനെ സീത സ്ത്രാവോധം കൊണ്ട് വിട്ടുപോവുകയാണ് എന്നും അദ്ദേഹം ചുണ്ടിക്കാട്ടി. കവി പീരാൻകുട്ടി, ഡോ. കവിതാരാമൻ, ബിജു കാഞ്ഞങ്ങാട് എന്നിവർ പ്രബന്ധിയ്ക്കുന്നുണ്ട്.

ബൈസ് ചാൻസലർ, ഡോ. ജി. ഗോപകുമാർ സെമിനാർ ഉദ്ഘാടനം ചെയ്തു. വകുപ്പുവ്യക്ഷണ എൻ. അജിത്കുമാർ അധ്യക്ഷനായിരുന്നു. ആർ. ചന്ദ്രമോഹൻ, ഡോ. കെ. വി. പരിഞ്ഞു, കേരള കൗൺസിൽ കവിതാ

എന്നിവർ സംസാരിച്ചു. സെമിനാറിന്റെ ശേഷം നടന്ന കവിയരഞ്ജിൽ റവി ദ്രാവൻ പാടി, ഭവിഷ്യ. കെ., ശ്രീഷ്ഠം, നിധിന, കിരണ്മാരം എന്നിവർ കവിത ആർ. ചന്ദ്രമോഹൻ, ഭവിഷ്യ. കെ. കുർബാനും ആവത്തിപ്പിച്ചു.

## ഫിട ഇംഡിയാ മൂർണ്ണ

മാനനീയ പ്രധാന മന്ത്രി ശ്രീ നരേന്ദ്ര മോദീ ദ്വാരാ ഫിട ഇംഡിയാ മൂർണ്ണ കാ ശുഭരംഭ കിട്ടു ജനേ കേ സിലസിലേ മേം, ദിനാംക 29 അഗസ്റ്റ് 2019 കോ സുവർ കേരള കേന്ദ്രീയ വിശ്വവിദ്യാലയ മേം ഏക അമ്ഭിയൻ ശുരൂക്കിയാ ഗയാ. സ്വച്ഛ ഭാരത അമ്ഭിയൻ കേ ഉപരാം ശുരൂക്കി ജനേവാലാ ഏക ബഡാ സാമൂഹിക അമ്ഭിയൻ ഹൈ ഫിട ഇംഡിയാ മൂർണ്ണ. മാനനീയ പ്രധാന മന്ത്രി ശ്രീ നരേന്ദ്ര മോദീ ദ്വാരാ ഫിട ഇംഡിയാ മൂർണ്ണ കാ ശുഭരംഭ കിട്ടു ജനേ കേ ലാഇവ് സ്റ്റ്രീമിംഗ് കാ പ്രദർശന കരതേ ഹു, വിശ്വവിദ്യാലയ കേ തേജസ്വിനി ഹിൽസ് പരിസര കേ സാബർമതി ബ്ലോക്ക് മേം കാര്യക്രമ കേ ആരംഭ ഹു. തീന സൌ സേ അധിക വിദ്യാർത്ഥിയോം തഥാ ശിക്ഷക എവ് ഗൈരശൈക്ഷണിക കർമ്മചാരിയോം നേ സക്രിയ രഖ സേ കാര്യക്രമ മേം ഭാഗ ലിയാ ഔ ഫിടിന്റെ ശാപ്പ ഭീ ലേ ലിയാ. കാര്യക്രമ കേ സിലസിലേ മേം തേജസ്വിനി ഹിൽസ് പരിസര മേം വാലക്ഥോന, മിനി മൈത്രോന എവ് യോഗ അഭ്യാസ ഭീ ആയോജിത കിട്ടു ഗെ.





# गांधी दर्शन यात्रा



उद्घाटन समारोह के अवसर पर यात्रा के सदस्य माननीय सांसद श्री राजमोहन उमिणतान के साथ

महात्मा गांधी की 150 वीं जयंती के सिलसिले में केरल केन्द्रीय विश्वविद्यालय के राष्ट्रीय सेवा योजना (एन.एस.एस) प्रकोष्ठ ने गांधीजी और उनके विचारों के बारे में विद्यार्थियों के बीच जागरूकता पैदा करने के उद्देश्य से विश्वविद्यालय के कासरगोड, पेरिया परिसर से तिस्रनंतपुरम, राजधानी केन्द्र तक 28 सितंबर 2019 से 02 अक्टूबर 2019 तक गांधी दर्शन यात्रा आयोजित किया। स्वतंत्रता संग्राम के अवसर गांधीजी द्वारा दौरा किए गए प्रमुख स्थानों का दौरा करने के लिए 50 चुने गए एन.एस.एस स्वयंसेवकों को अनुपम अवसर प्राप्त हुआ।

गांधी दर्शन यात्रा का उद्घाटन कासरगोड

के माननीय सांसद श्री राजमोहन उमिणतान ने दिनांक 28 सितंबर 2019 को पेरिया परिसर के गंगोत्री भवन में सुबह 9.30 बजे किया। उद्घाटन समारोह की डॉ.एम.मुरलीधरन नम्ब्यार, परीक्षा नियंत्रक अध्यक्षता की। विश्वविद्यालय की एथिक्स कमिटी के सदस्य एड्वोकेट श्रीकांत ने आशिर्वचन दिया और एन.एस.एस प्रकोष्ठ के कार्यक्रम समन्वयक एवं गांधी दर्शन यात्रा के नायक डॉ.इफितखर अहम्मद.बी ने स्वागत भाषण दिया।

यात्रा के दौरान एन.एस.एस के टीम ने पव्यन्नूर आनंदतीर्थश्रम, पव्यन्नूर गांधी मैदान, सरकारी ब्रेणअणन कॉलेज, कोषिक्कोड मातृभूमि

कार्यालय, गुरुवायूर सत्यग्रह स्मारक, पालक्काड शबरी आश्रम, वैक्कम सत्यग्रह स्मारक, वैक्कम मंदिर, चंगनाशेरी आतुराश्रम, कोड्वारक्करा तृक्कणमंगलम मंदिर, वैगानूर अच्युकाली स्मारक, वर्कला शिवगिरि मठ आदि का दौरा किया जहां गांधीजी ने स्वतंत्रता संग्राम के अवसर आए थे।

गांधी दर्शन यात्रा का समापन समारोह दिनांक 02 अक्टूबर 2019 को विश्वविद्यालय के राजधानी केन्द्र, तिस्रनंतपुरम में संपन्न हुआ। समापन समारोह की अध्यक्षता समकुलपति प्रो. (डॉ.) के जयप्रसाद ने की। श्री एस.एम.विजयानंद, भूतपूर्व मुख्य सचिव, केरल सरकार ने बीजभाषण दिया। डॉ.पी.सी. प्रसन्नकुमार, अध्यक्ष, राजधानी केन्द्र ने स्वागत भाषण दिया। प्रो. (डॉ.) अजित कुमार.एन, अधिष्ठाता, भाषा एवं तुलनात्मक साहित्य स्कूल और डॉ.इफितखर अहम्मद, एन.एस.एस कार्यक्रम समन्वयक ने आशिर्वचन दिया।



गांधी दर्शन यात्रा के सदस्य वैक्कम महादेव मंदिर में

## FIT INDIA MOVEMENT



Central University of Kerala initiated a campaign in connection with the launch of Fit India Movement by Hon'ble Prime Minister, Shri. Narendra Modi on 29 Aug 2019, in the morning. Fit India Movement is one of the massive campaigns after the Swachh Bharat Mission. The programme was conducted in the conference hall, Sabarmati Block, Tejaswini Hills



campus with the live streaming of the programme launching by the Hon'ble Prime Minister. More than three hundred students other than the teaching and non-teaching staff of the University actively participated in the programme and took the Fitness Pledge. As part of the programme, Walkathon, Mini Marathon and Yoga practice were conducted inside the campus.

# UNIVERSITY LIBRARY

1209 books under different disciplines have been added to the University Library collections to support the teaching and learning community of the University during the last July- September 2019. University Library successfully completed the entire process including the purchase of the books followed by the payment making, doing catalogue and classification of the books, labelling Bar Code and pasting the date slip. Around 22 printed journals/magazines have been subscribed/renewed for different departments during this period.

## Award



Dr. P. Senthilkumaran received the Noolaga Ulagam Mr. N. Avadaippan National Best Librarian Award 2019 by Madras Library Association (MALA), Chennai on 12 August 2019 in recognition of significant contribution to the Library and Information Science Profession.

## Workshop and Seminar Attended:

Dr. P. Senthilkumaran, Deputy Librarian attended the panel discussion session and presented a paper at National Conference on "Innovative Librarianship: A Foresight on Technology, Practice and Services" held on 1-2 August 2019 at Central University of Tamil Nadu, Thiruvarur.

Dr. P. Senthilkumaran, Deputy Librarian attended the Royal Society of Chemistry, Librarian Appreciation Day on 23 August 2019 at Kolkata.

Dr. P. Senthilkumaran acted as an external examiner for Ph.D viva-voce examination in Library and Information Science to Research Scholars, V. Vanankamudi, at Madurai Kamaraj University, Madurai, Tamil Nadu on 28 August 2019.

**Dr. Gireesh Kumar, T.K** served as Content Developer and Presenter for a MOOC course on Developing Life Skills for two modules:

### 1. Module 21- Decision Making:

Available at: <https://www.youtube.com/watch?v=9XNNPFULNS>

### 2. Module 24 - Life skills work in combination

Available at: <https://www.youtube.com/watch?v=DPqLfPYTsuw>

- Nominated as Member, IQAC, CUK
- Imparted library awareness class in the Orientation programme conducted by the University Library for the newly joined students of CUK from 25/07/2019 to 05/08/2019.
- Nominated and attended one-day orientation programme on "IRINS: Awareness & Implementation" organized by Information and Library Network (INFLIBNET) Centre, Gandhinagar, Gujarat held on 20 August 2019

- Attended one-day Regional Training Programme on "Plagiarism Detection Software (PDS-URKUND)" under the aegis of MHRD jointly organized by the University Library, Cochin University of Science and Technology and INFLIBNET held at University Library, CUSAT on 27 August 2019
- Invited as consultant to set up the Thekkili Puthiyamaliga Mohammed Kunhi Reference and Research Municipal Centre, Kasaragod on 23 September 2019.

Kasaragod on 23 September 2019.

- Provided orientation class on University Library, Central University of Kerala-Resources and Services to the participants of the 3rd Induction Training Programme under PMMMNMTT, School of Education, Central University of Kerala on 28/09/2019

## Publications

Gireesh Kumar T.K. (2019). Decision Making. Online Course on Developing Life Skills, Module No.21-Decision Making: Definition, Informed Decision Making, Consequences of Decision Making and Models of Decision Making. SWAYAM and MHRD. EMMRC Calicut, University of Calicut. pp.1-2, available at [https://onlinecourses.swayam2.ac.in/cec19\\_hs05/unit?unit=24&lesson=52](https://onlinecourses.swayam2.ac.in/cec19_hs05/unit?unit=24&lesson=52)

Gireesh Kumar T.K. (2019) Life Skills Works in Combination. Online Course on Developing Life Skills, Module 24 - Life Skills Work in Combination- Thinking Skills, Social Skills, and Coping Skills. SWAYAM and MHRD. EMMRC Calicut, University of Calicut. Pp.1-11.

## Additional Responsibilities

- Nominated to serve as Nodal Officer, CUK, for setting up of Indian Research Information Network System (IRINS) at CUK
- Ashok Thomas attended and presented a paper in the National Conference on Innovative Librarianship: A Foresight on Technology, Practice and Services held on 1-2 August 2019 at Central University of Tamil Nadu, Thiruvarur.



## Dr. AMBEDKAR CHAIR

Dr. Ambedkar Chair has been sanctioned to the Central University of Kerala by Dr. Ambedkar Foundation under the Ministry of Social Justice and Empowerment, Govt. of India. The Chair aims to undertake studies and research with an intention to understand, assess and disseminate the ideas and thoughts of Dr. B. R. Ambedkar, particularly on subjects like

Economics, Political Science, Religion, Philosophy, Constitutional Studies, Social Work, Human Rights as well as other disciplines considered relevant for the attainment of our national goal of social justice. The Chair was sanctioned on the proposal submitted by Prof. (Dr.) K.C. Baiju, Dean, School of Economics, Central University of Kerala.

## System Administration Day

The System Administration Day was observed in Central University of Kerala on 26 July 2019. The programme was led by Shri.Sreelesh.V, System Analyst, CUK.

## Department of Computer Science



### National Workshop on 'Cyber Security'

The Department of Computer Science, CUK organized a national workshop on "Cyber Security". The workshop was inaugurated by the Hon. Vice-Chancellor Prof. (Dr.) G. Gopa Kumar on 23rd September 2019. Prof. M.R. Prathapachandra Kurup presided over the inaugural ceremony. Shri. Dittin Andrews, Principal Technical Officer, CDAC Bangalore, delivered the key-note address. Dr. R. Rajesh, Head, Department of Computer Science, Dr. Manohar Naik and Dr. T. M. Thasleema felicitated the function. This five-day national workshop was sponsored by AICTE.



A seminar on "Research in Computer Science Engineering: Why? What? & How?" was conducted on



5-Day National Workshop on 'Artificial Intelligence' was organized by the Department of Computer Science from 30th September 2019 to 04th October 2019. The workshop was inaugurated by Prof. (Dr.) K. Jayaprasad, Hon'ble Pro-Vice Chancellor. Presidential Address was given by Prof. (Dr.) M.R. Prathapa Chandra Kurup, Dean, School of Physical Sciences. The inaugural session was started by a Prayer and welcome address by Dr. Thasleema T.M., Assistant Professor & Coordinator of Workshop. Introductory Speech was given by Dr. Rajesh R, Head & Associate Professor, Dept of Computer Science. Keynote Address was delivered by the Chief Guest Prof. (Dr.) Praveen Kumar, Dean, Department of CSE, LBS College of Engineering, Kasaragod. Dr. Manohar Naik S., Assistant Professor, Dept of Computer Science proposed vote of thanks. The programme was sponsored by AICTE Training And Learning (ATAL).

31st July 2019 by the Department of Computer Science. The seminar aims to touch the need and importance of research in computer science and engineering. The seminar was inaugurated by Prof. (Dr.) G. Gopa Kumar, Hon'ble Vice Chancellor of Central University of Kerala. Dr. Rajesh R. was the Keynote speaker.

Memorial All India Inter-School Creative Writing Competition 2019" conducted under the auspices of Council for the Indian School Certificate Examinations (CISCE) at Greenwoods Public School, Bekal, Kasaragod on 12th July, 2019.

### Students Activities



Dr. Manohar Naik S, Assistant Professor served as Supervisor for the "Albert Barrow

Fasil O. K., Research Scholar served as resource person at Aspire, one day workshop on scientific paper writing hosted by the IEEE Malabar Sub Section at the College of Engineering Vadakara on 6th of July 2019.

# Department of Social Work

## Paper Published

Mohan A.K, (2019). "Skill Training for Youth Development: Understanding from the Perspective of Trained Employed Youth of Mysuru". *Review of Research*. 8(9)1-7

## Paper Presentations

- 1 Jilly John presented a research paper titled "Neighbourhood Group as a Means to Meet the Mental Health Needs of Children in India" in 9th International Conference on Social Work in Health and Mental Health, The University of York, England. 22-26 July 2019.
- 2 Dr. Dilip Diwakar G, jointly presented a paper titled "Impact of Solid Waste Management Model in Tourist Destinations of India", in 25th Asia-Pacific Joint Regional Social Work Conference-2019, held on 17-20 September 2019, organized by NIMHANS, INPSWA and CHRIST University, Bangalore.
- 3 Dr. Dilip Diwakar G. presented a paper on "Critically Analyze the Direct Benefit Transfer of Public Distribution System in Ensuring Food Security of Puducherry" in 25th Asia-Pacific Joint Regional Social Work Conference- 2019, held on 17-20 September 2019, organized by NIMHANS, INPSWA and CHRIST University, Bangalore.
- 4 Mr. Ramanand K. presented a paper titled "Promoting Help-Seeking Behavior Among Adolescents", in 25th Asia-Pacific Joint Regional Social Work Conference- 2019, held from 17-20 September 2019, organized by NIMHANS, INPSWA and CHRIST University, Bangalore.

## Programs organized

- 1 A Skill Development Workshop was organized in the Department of Social Work, Central University of Kerala on July 16-23, 2019 funded by Social Work Students Forum. Prof. (Dr.) G. Gopa Kumar, Hon'ble Vice-Chancellor was the chief guest of the programme. The programme was organized by Dr. A.K. Mohan, Associate Professor and Head, Department of Social Work.
- 2 One day workshop on Prevention of Drug and Substance Abuse for the College Students of Kasaragod District was organized in Ambedkar Arts and Science College, Periyar, Kasaragod, Kerala on August 06, 2019. Dr. A. Radhakrishnan Nair was the chief guest of the programme. Mr. Raghunathan, Mr. Sabin C Biju, Mr. Prakash Amin and Dr. Laxmi acted as the resource persons. The programme was funded by National Institute of Social Defence, Under the Ministry of Social Justice and Empowerment, New Delhi.
- 3 One day workshop on Prevention of Drug and Substance Abuse for the College Students of Kasaragod District was organized in Government Nursing School, Kanhangad, Kasaragod, Kerala on August 07, 2019. Mr. Prajith Ulooji, Mr. Raghunathan, Mr. Prakash Amin and Dr. Laxmi acted as the resource persons. The programme was funded by National Institute of Social Defence, Under the Ministry of Social Justice and Empowerment, New Delhi.
- 4 One day workshop on Prevention of Drug and Substance Abuse for the College Students of Kasaragod District was organized in Sree Narayana College Of Management Studies, Periyar, Kasaragod, Kerala on August 13, 2019. Dr. K. Jayaprasad, Pro-Vice Chancellor was the chief guest of the programme. Mr. Ramanand K, Mr. Raneesh C, Mr. Prakash Amin and Dr. Laxmi acted as the resource persons. The programme was funded by National Institute of Social Defence, Under the Ministry of Social Justice and Empowerment, New Delhi.
- 5 One day workshop on Prevention of Drug and Substance Abuse for the College Students of Kasaragod District was organized in Nehru Arts and Science College, Padnnakkad Kasaragod, Kerala on August 20, 2019. Dr. M. Muralidharan Nambiar, Controller of Examinations was the chief guest of the programme. Mr. Raneesh C, Mr. Ramanand K, Mr. Prakash Amin and Dr. Laxmi acted as the resource persons. The programme was funded by National Institute of Social Defence, Under the Ministry of Social Justice and Empowerment, New Delhi.
- 6 One day workshop on Prevention of Drug and Substance Abuse for the College Students of Kasaragod District was organized in North Malabar Institute of Technology Parakkalayi, Kasaragod, on August 21, 2019. Mr. Raneesh C, Mr. Ramanand K, Mr. Prakash Amin and Dr. Laxmi acted as the resource persons. The programme was funded by National Institute of Social Defence, Under the Ministry of Social Justice and Empowerment, New Delhi.



New Delhi.

7 One day workshop on Prevention of Drug and Substance Abuse for the College Students of Kasaragod District was organized in *Kannur University*, Nileswaram Campus(Dr.P.K. Rajan Memorial Campus) Kasaragod, Kerala. on August 27, 2019. Dr. Sreejith Krishnan, Mr. Raneesh C, Mr. Prakash Amin and Dr. Laxmi acted as the resource persons. The programme was funded by National Institute of Social Defence, Under the Ministry of Social Justice and Empowerment, New Delhi.

8 One day workshop on Prevention of Drug and Substance Abuse for the College Students of Kasaragod District was organized in *Thriveni Arts and Science College, Vidyanagar*, Kasaragod, Kerala. on September 03, 2019. Ms. Indu Nair V, Mr. Raneesh C, Mr. Prakash Amin and Dr. Laxmi acted as the resource persons. The programme was funded by National Institute of Social Defence, Under the Ministry of Social Justice and Empowerment, New Delhi.

9 Three Days Workshop on "Psychosocial Care Intervention for Caregivers of Endosulfan Disaster Victims was organized in the Department of Social Work, Central University of Kerala by Dr. Dilip Diwakar G, Assistant Professor on 30th August to 1st September 2019 in collaboration with NIMHANS, Bangalore with the support of ICSSR, New Delhi.

#### Paper Published

(Faculty/Research Scholars/ Students)

◆ Prakasha Amin & Mohan A.K. (2019). "Indigenous Healing

Practice and Beneficiaries' Perception" Research Review, International Journal of Multidisciplinary. 4(06).494-499

- ◆ Raneesh C., & Mohan, AK. (2019). "Reluctance to Register Under the JJ Act among Child Care Institutions in Malappuram District of Kerala". Sociological Studies of Children and Youth, 24,221-233. Doi:10.1108/S1537-466120190000024012
- ◆ Revathi N., Mohan A. K., Indu Nair V., & Raneesh C. (2019) "Adolescent Tribal Girls Awareness on Menstrual Hygiene and Sanitation". Adelaide Journal of Social Work. 6(1). 93-103.
- ◆ Sreehari E., Mohan A. K. & Indu Nair V. (2019). "Impact and Prevalence of Electronic Gadgets on Lifestyle among University Students". Adelaide Journal of Social Work. 6(1). 38-51.
- ◆ Nair Indu & Mohan A K., (2019). Human Rights in Golden Age. Active Ageing: Dynamics in the Post Modern Era. Today & Tomorrow's Printers and Publishers, Ansari Road, Daryaganj, New Delhi.

#### Paper Presentation (Faculty/Research Scholars/ Students)

◆ Anoop C Choolayil & Laxmi (2019), Socialization Patterns among Female Inmates of Government-Run Old Age Home in Kasaragod District, Kerala. Asia Pacific Social Work Conference. NIMHANS, Bangalore. 17<sup>th</sup> to 20<sup>th</sup> September.

◆ Jayachandran M R & Laxmi "Parents Diabetes Distress in North Malabar Region in Kerala" 25<sup>th</sup> Asia Pacific Social Work Conference (Bangalore, India) 17-20 September 2019

◆ Raneesh C., & Mohan AK., "Who cares them? The expertise of Childcare Staffs in Children's Home of Kasaragod District of Kerala" at Pre-conference Asia-Pacific Joint Regional Social Work Conference at NIMHANS on September 18<sup>th</sup> to 20<sup>th</sup> 2019.

◆ Swasthik, A.S & Laxmi. "Preservation and Protection of Indigenous Health Practices among Koraga Community". Indira Gandhi National Tribal University, Amarkantak, Madhya Pradesh. 12<sup>th</sup> to 13<sup>th</sup> Sept 2019.

◆ Prakasha Amin & Mohan A.K. presented a paper on "Superstitious Beliefs among Lambani at Tribes of Karnataka, Social Inclusion and Development of Scheduled Tribes in India on September 12-13, 2019 organized by Department of Social Work, Indira Gandhi National Tribal University (IGNTU), Amarkantak, MP.

◆ Andria John & Laxmi. "Tug of War: Tribals, Developmentalist and Conservationist". IMPRESS-ICSSR sponsored 'National Conference on Social Inclusion and Development of Scheduled Tribes in India'. (Amarkantak, India). Sep 12-13, 2019)

◆ Andria John. & Laxmi "Transfer of Traditional Knowledge among the Koraga community". 25th Asia-Pacific Joint Regional Social Work Conference - 2019. (Bengaluru, India). Sep 17-20, 2019)

#### Worked as Resource Person (Faculty/Research Scholars/ Students)

◆ Dr. Dilip Diwakar G, as a resource person for the Workshop on Water, Sanitation and Hygiene (WASH) in School of Teacher Education



conducted by the Department of Environmental Science, School of Earth Science Systems, CUK, from 29-31 July 2019

- ◆ Ramanand K. (2019) "Introduction to Prevention of Drug & Substance Abuse" One-day workshop on Prevention of Drug and Substance abuse for College students of Kasaragod District at Sree Narayana College of Management Studies, Periye, Kasaragod, Kerala on August 13.
- ◆ Ramanand K. (2019) "Introduction to Prevention of Drug & Substance Abuse" One-day workshop on Prevention of Drug and Substance abuse for College students of Kasaragod District at Nehru Arts & Science College Nileswaram, Kasaragod, Kerala on August 20.
- ◆ Ramanand K. (2019) "Introduction to Prevention of Drug & Substance Abuse" One-day workshop on Prevention of Drug and Substance abuse for College students of Kasaragod District at NMIT Ambalathara, Kasaragod, Kerala on August 21.

- ◆ Indu Nair V. "Causes and Management of Substance Abuse". Workshop on Prevention of Drug and Substance Abuse. Thriveni Arts and Science College, Kasaragod. 3<sup>rd</sup> September 2019.
- ◆ Raneesh C. (2019) "Causes and

Prevention of Substance Abuse. One Day workshop on Substance abuse at Thriveni Arts and Science College, Kasaragod. 3<sup>rd</sup> September.

- ◆ Raneesh C. (2019) "Causes and Prevention of Substance Abuse. One Day workshop on Substance abuse at Dr. KK Rajan Memorial Campus Nileswaram. 27th August.
- ◆ Raneesh C. (2019) "Causes and Prevention of Substance Abuse. One Day workshop on Substance abuse at NMIT Ambalathara 21st August.
- ◆ Raneesh C. (2019) "Causes and Prevention of Substance Abuse. One Day workshop on Substance abuse at Nehru College Neeleswaram 20th August.
- ◆ Prakasha Amin (2019) has been invited as resource person to address college students on theme 'Substance abuse and its Impact' at a One-day workshop on Prevention of Substance and Drug abuse on 13<sup>th</sup> August, in Narayana Guru College, Periye, Kasaragod.

### Workshop / Capacity Building (Faculty/Research Scholars/ Students)

- ◆ Dr. Mohan A. K. attended Unnath Bharath Abhiyan Tech 4 Seva Workshop on Technology Outreach as an Enabler for

Inclusive and Sustainable Development organized by UBA from 10 to 12 August 2019 at IIT Delhi.

- Ramanand K. attended a workshop on "Social Work Relationships through Cultural Heritage and Creative Expressions" in 25th Asia-Pacific Joint Regional Social Work Conference- 2019, held on 17-20 September 2019, organized by NIMHANS, INPSWA and CHRIST University, Bangalore.
- ◆ Anoop C. Choolayil attended One Day Workshop on Prevention of Drug and Substance Abuse in Dr. Ambedkar Arts and Science College, Periye on 6 August 2019.
- ◆ Indu Nair V. attended an International Conference on "Impact of Globalization on India & Europe with Specific Focus on Social Work" organized by the School of Social Work, Roshini Nilaya, Mangalore on 24 July 2019.
- ◆ Jayachandran M. R. attended a workshop on Data Analysis for Social Science Research Using SPSS Software organized by the Department of Commerce and Management Studies, University of Calicut on 5-7 August 2019.
- ◆ Mani K. J. attended an International Conference on "Impact of Globalization on India



& Europe with Specific Focus on Social Work" organized by the School of Social Work, Roshni Nilaya, Mangalore on 24 July 2019.

♦ Raneesh C. attended a workshop on Social Work Relationships through Cultural Heritage and Creative Expressions in Asia-Pacific Joint Regional Social Work Conference at CHRIST Deemed to be University on 17 September 2019.

♦ Swasthik A. S. attended One Day Workshop on Prevention of Drug and Substance Abuse in Dr. Ambedkar Arts & Science College, Periyar on 6 August 2019.

♦ Aneesh, M. S. (2019) attended International Conference on the Impact of Globalization on India and Europe- with Specific Focus on Social Work, organized by the School of Social Work, Roshni Nilaya Mangalore on 24 July 2019.

### Other Activities/Engagements

♦ Swasthik A. S. conducted Skill Development Workshop for the first year MSW students from 16 to 23 July 2019 and gave them

training on Basic Necessities for Street Play, Theatre exercise and some games related to skill development.

♦ Prakasha Amin coordinated Skill Development Workshop for IMSW students on 16-23 July 2019.

♦ Ramanand K. coordinated one day workshop on "Prevention of Drug and Substance Abuse" for College students of Kasaragod District at 7 selected higher education institutions in Kasaragod from 13 August to 03 September 2019.

♦ Ramanand K. represented Dr. Mohan A.K., Head of the Department in the District Level Summit for Policy Decisions organized by the District Child Protection Unit at Collector's office in Kasaragod.

♦ The department organized 8 academic orientation visits to different government and non-government organizations in and around Kasaragod district to understand the realities in the neighborhood on 24-27 July 2019.

♦ Social Work Students Forum was inaugurated on 2 August 2019.

♦ MSW 3<sup>rd</sup> semester students participated in the academic study tour (10 days) from 21 to 30 September 2019 and visited the following institutions in Gujarat: Faculty of Social Work in MS University of Vadodara, Mind Foundation in Vadodara, NBC Bearings in Vadodara, Institute of Rural Management, Anand, AMUL in Anand, BM Institute in Ahmedabad, Sabarmati Ashram, Centre for Social Justice in Ahmedabad.

♦ 10 first year MSW students (Ms. Parvathi, Ms. Ardra R., Ms. Athira PV, Ms. Amrutha Kurian, Ms. Arya S Kumar, Ms. Nivedhitha P Joy, Ms. Anjali Lal, Mr. Muhammed Ashiq, Ms. Suhana R.H, Mr. Nasir Abdul) participated in National Youth Camp organised by National Institute of Culture & Education held at Nivedita Nilayam, Wardha, Maharashtra from 22 to 26 September 2019.

## Used Pen Collection Drive at Central University of Kerala



National Service Scheme Unit -2 of Central University of Kerala, in collaboration with Haritha Keralam Mission, Kasaragod initiated a Used Pen Collection Drive on 25 September 2019. The drive was inaugurated by the Vice Chancellor Prof. (Dr.) G. Gopa Kumar and Registrar, Dr. A. Radhakrishnan Nair. During the occasion, the Hon. Vice Chancellor insisted the need to fight against the use of ball pens and inculcate the habit of using ink pens and reusable pens. The Registrar said that every individual in the University should attempt to stop this throw away culture and plastic pollution at one go. Dr. S. Anbazhagi, Programme Officer of NSS Unit -2, informed that the drive continues till 14 October, 2019 and all the pens received during this drive will be handed over to Haritha Keralam Mission, Kasaragod for recycling. She also thanked the Project Coordinator Mr. Subramanian of Haritha Keralam Mission, Kasaragod for the guidance. Mr. Abhirajan A.P and Ms. Aswathi A of Haritha Kerala Mission were the special invitees.

## ડૉ. અમ્બેડકર ચેયર

કેરલ કેન્દ્રીય વિશ્વવિદ્યાલય મેં ડૉ. અમ્બેડકર ચેયર કી સ્થાપના કે લિએ ભારત સરકાર કે સામાજિક નીતિ એવં સંસ્કૃતિકરણ મંત્રાલય કે અધીન આનેવાલે ડૉ. અમ્બેડકર ફાઉન્ડેશન સે મંજૂરી પ્રાપ્ત હુઈ હૈ । ઇસ ચેયર કા ઉદ્દેશ્ય, ડૉ. બી. આર. અમ્બેડકર કે વિચારોં કો સમજાને, હાસિલ કરને એવં ઉન કા પ્રચલન કરને કા હૈ, વિશેષકર અર્થશાસ્ત્ર, રાજનીતિ વિજ્ઞાન, ધર્મ, દર્શન, સંવિધાન અધ્યયન, સમાજ કાર્ય, માનવાધિકાર તથા અન્ય એસે વિષયોં જો સામાજિક ન્યાય જૈસે હમારે રાષ્ટ્રીય લક્ષ્ય કો પ્રાપ્ત કરને હેતુ સંગત હૈને, ઉન પર અધ્યયન કરને કા હૈ । પ્રો. (ડૉ.) કે. સી. બૈજુ, અધિકારી, અર્થશાસ્ત્ર સ્કૂલ દ્વારા પ્રસ્તુત પ્રસ્તાવ કે આધાર પર ઇસ ચેયર હેતુ મંજૂરી પ્રાપ્ત હુઈ હૈ ।

## प्राथमिक चिकित्सा कौशल में दो दिवसीय प्रशिक्षण

केरल केन्द्रीय विश्वविद्यालय के पर्यावरण विज्ञान विभाग के तत्वावधान में सेंट जॉन एम्बुलेंस (इंडिया) के सहयोग से 4 एवं 5 अक्टूबर 2019 को विद्यार्थियों के लिए बुनयादी प्राथमिक चिकित्सा कौशल विषय पर दो दिवसीय प्रशिक्षण कार्यक्रम आयोजित किया गया। प्रशिक्षण कार्यक्रम का उद्घाटन माननीय कुलपति प्रो. (डॉ.) जी. गोप कुमार ने किया। उन्होंने अपने उद्घाटन भाषण के दौरान, आपातकालीन अवसर पर स्वयं सुरक्षित रहने तथा दूसरों की सहायत पहुंचाने की प्रधानता पर जोर दिया। श्री उमेश पोच्चप्पन, केरल राज्य संयुक्त सचिव, सेंट. जॉन एम्बुलेंस (इंडिया) ने प्रशिक्षण कार्यक्रम का नेतृत्व किया। आयोजन सचिव डॉ.एस.अन्पष्णी ने कहा कि सेंट. जॉन एम्बुलेंस (इंडिया) द्वारा एन.स.एस के सभी स्वयंसेवकों को प्रशिक्षण दिया जाएगा।

## स्वतंत्रता दिवस समारोह

केरल केन्द्रीय विश्वविद्यालय में 15 अगस्त 2019 को स्वतंत्रता दिवस मनाया गया। माननीय कुलपति प्रो. (डॉ.) जी. गोप कुमार ने तेजस्विनी सर्किल में राष्ट्रीय झंडा पहराया और स्वतंत्रता दिवस संदेश भी दिया। कार्यक्रम में प्रो. (डॉ.) के. जयप्रसाद, सम-कुलपति, डॉ.ए.राधाकृष्णन नायर, कुलसचिव, डॉ.ए.म.मुरलीधरन नम्ब्यार, परीक्षा नियंत्रक और विभिन्न स्कूलों के अधिष्ठाता, विभागाध्यक्ष, संकाय सदस्य, गौर-शैक्षणिक कर्मचारी एवं विद्यार्थी उपस्थित थे। डॉ. ए. माणिक्यवेलु, अधिष्ठाता-छात्र कल्याण कार्यक्रम का समन्वयक रहे। विद्यार्थियों द्वारा आयोजित रंगीन सांस्कृतिक कार्यक्रमों के साथ समारोह समाप्त हुआ।

## Department of Environmental Science

### TWO DAY TRAINING ON BASIC FIRST AID SKILLS



Department of Environmental Science, Central University of Kerala, in collaboration with St. John Ambulance (India) organized a two days training programme on Basic First Aid Skills on 4 and 5 October 2019 for the students. The training was inaugurated by Honourable Vice Chancellor Prof. (Dr.) G. Gopa Kumar. He insisted on the importance of First Aid skills for self-help and for the help of others in the case of emergencies. The professional expert Mr. Umesh Pochappan, Kerala State Joint Secretary of St. John Ambulance (India) led the training programme. Dr. S. Anbazhagi, the organizing Secretary, informed that the training would be provided to all the NSS volunteers of the University by St John Ambulance (India).

## WETLANDS OF KERALA : WORKSHOP



A one day workshop on “Wetlands of Kerala” was organized by the Department of Environmental Science & Department of Education on 25th July, 2019. The workshop was inaugurated by Hon'ble Vice-Chancellor Prof (Dr.) G. Gopa Kumar. The keynote address was delivered by Dr. Harikumar P.S., Head and Senior Principal Scientist, Water Division, CWRDM. The workshop focused on enlightening the students on the importance of Wetlands and the need to conserve and protect it. Each session was followed by an

interactive session where the queries of students were answered.

Dr. Harinarayanan P, Principal Scientist, KSCSTE, Dr. Harikumar P. S., Head and Principal Scientist, CWRDM and Mr. Amaneesh C led various sessions. Students and teachers from various schools like D.H.S.S, Kanhangad, G.H.S.S. Maloth Kasba, T.I.H.S.S Nainarmola, Vidyanagar and G.H.S.S. Kumbla participated the programme.

The workshop ended with vote of thanks by Dr. Rishiram Ramanan, Assistant Professor, Department of Environmental Science, CUK.



## Department of Hindi



**Dr. SUPRIYA P, Assistant Professor**

### Awards:

- 1) Hindi Sevi Samman by Katha UK and Kavyadhara, London, July 2019.
- 2) Minerva Award by All India Poetess Conference at Rome, Europe, July 2019.
- 3) Sahityanchal Shikkar Samman by Sahityanchal, Bilwara Rajasthan, September 2019.

### Books:

- 1) Adhunikta ka Paraag Sankraman, 2019 Published by Aman Prakashan, Kanpur (ISBN No. 978 93 88260 25-1).

### Chapters in Books:

- 2) "Utsaah ki Nirantar Yatra" in the book Kuch Soch peeche Mudakar, 2019, edited by Dr. P. K. Chandran, published by Jawahar Pustakalaya, Mathura UP (ISBN 978 81 8111 0).
- 3) "Bhook ki Hook : Boodi Kaaki" in the book Premchand: Adhunik Vatayan se, (2019), edited by Dr. Arsu, published by Jagat Bharati Prakashan, Prayagraj (ISBN 978 93 84480 27 0).

### Articles in journals:

- 1) "Rom rom me Europe", in Kaljayee published by All India Poetess Conference, July 2019 (ISSN 2395 5821).
- 2) "Samakaleen Kavitha me Third Gender" in Vartha Vahak published by Hindi Shiksha Samiti, Odisha, July 2019 (ISSN 2321 8789).

### Paper presentations:

- 15th International Conference of All India Poetess Conference at UK and Europe from 13th to 27th July 2019.

- 1) Two day International Hindi Conference on "Hindi: Bhasha,

Sahitya aur Sanskriti ka Sangam" organized by the Indian Institute of Management, Kozhikode, on 5th & 6th September 2019.

- 2) Two day National Seminar &

National Award Ceremony (Rashtriya Sahityanchal Shikhar Samman Samaroh) organized by Sahityanchal, Bilwara Rajasthan on 21 & 22 September 2019.

## प्रेमचंद जयंती समारोह Premchand Jayanti Celebration



केरल केन्द्रीय विश्वविद्यालय में 31 जुलाई 2019 को हिन्दी विभाग के तत्वबधान में प्रेमचंद जयंती समारोह आयोजित किया गया । कार्यक्रम का उद्घाटन माननीय कुलपति प्रो. (डॉ.) जी. गोप कुमार ने किया । प्रो. ए. अरवंदाक्षन, भूतपूर्व समकुलपति, महात्मा गांधी अंतर्राष्ट्रीय हिन्दी विश्वविद्यालय, वर्धा मुख्य अतिथि के स्थ में आमंत्रित थे, जिन्होंने समारोह में उत्तराधुनिक विमर्श और प्रेमचंद साहित्यपर बीज वक्तव्य दिया । डॉ.ए.राधाकृष्णन नायर, कुलसचिव, डॉ.वी.राजीव, उपाचार्य, मलयालम एवं डॉ.अनीश कुमार.टी.के, हिन्दी अधिकारी ने आशिर्वाद भाषण दिए । प्रो. सुधा बालकृष्णन, अध्यक्ष, हिन्दी विभाग ने स्वागत भाषण दिया और डॉ.तारुएस पवार, उपाचार्य ने कृतज्ञता ज्ञापित की ।

केरल केन्द्रीय विश्वविद्यालय के कर्मचारियों के लिए हिन्दी विभाग द्वारा आयोजित अल्पकालिक हिन्दी प्रमाणपत्र पाठ्यक्रम का उद्घाटन किया गया । साहित्य में दिए अपने योगदान हेतु चंडीगढ़ साहित्यिक संगठन से प्राप्त पुरस्कार के लिए, प्रो. सुधा बालकृष्णन को समारोह में सम्मानित किया । डॉ. सुप्रिया.पी, सहायक आचार्य, हिन्दी विभाग द्वारा रचित पुस्तक आधुनिकता का पराग संक्रमणका विमोचन भी का गया । सुश्री दीक्षा सिंह ने कार्यक्रम का संचालन किया और डॉ.सीमा चंद्रन, डॉ.धर्मेंद्र प्रताप सिंह, डॉ.राम बिनोद रे और डॉ.सुप्रिया.पी कार्यक्रम के सहसंयोजक थे ।

Premchand Jayanti was observed in the Central University of Kerala on 31 July 2019 under the auspices of the Department of Hindi. The programme was inaugurated by Vice-chancellor Prof. (Dr.) G. Gopa

Kumar. Prof. A. Aravindakshan, Former Pro-Vice Chancellor, Mahatma Gandhi International Hindi University, Wardha was the chief guest of the function who delivered the keynote address on 'Postmodern Discourse & Literature of Premchand'. Dr. A. Radhakrishnan Nair, Registrar, Dr. V. Rajeev, Associate Professor, Malayalam and Dr. Anish Kumar. T. K, Hindi Officer felicitated the function. Prof. Sudha Balakrishnan, Head, Department of Hindi, delivered the welcome speech and Dr. Taru. S. Pawar, Associate Professor proposed the vote of thanks.

A Short Term Hindi Certificate Course offered by the Department of Hindi for the CUK employees was launched during the programme. Prof. Sudha Balakrishnan was honoured in the function for her achievement of an award received from the Chandigarh Literary Organisation for her literary contributions. A book "Adhunikata Ka Parag Sankraman" written by Dr. Supriya. P, Asst. Professor was released in the function. Ms. Deeksha Singh was the convenor of the programme and Dr. Seema Chandran, Dr. Dharmendra Pratap Singh, Dr. Ram Binod Ray and Dr. Supriya. P were the joint convenors.

## Department of Malayalam

### NATIONAL READING DAY: VALEDICTORY CEREMONY



The valedictory ceremony of the National Reading Day Celebration was conducted on 18 July 2019. The programme was jointly organized by the Department of Malayalam, P. N. Panicker Foundation, KANFED and the District Library Council, Kasaragod. Vice-chancellor Prof. (Dr.) G. Gopa Kumar inaugurated the valedictory ceremony. Prof. Ajith Kumar, N. Dr. Rajeev Irinjalakuda, Shri. K. V. Raghavan, Shri. P. K. Kumaran Master, Shri. Kavungal Narayanan Master, Shri. T. V. Madhavan Master, Smt. Chandrika Monacha and Smt. Baby Chandrika felicitated the function. Dr. V. Rajeev delivered the welcome speech and Shri. C. Sukumaran proposed the vote of thanks.

## Department of Plant Science

### Bio-Prospecting of Algae Resource



A two-day national seminar on "Bio-prospecting of Algae Resource: Conservation and Utilization" was organized by the Department of Plant Science, Central University of Kerala on 1-2 August 2019. The seminar was inaugurated by Vice-chancellor Prof. (Dr.) G. Gopa Kumar. Dr. A. Radhakrishnan Nair, Registrar, Prof. (Dr.) Govinda Rao, Dean, School of Biological Science and Dr. Rajendran Pilankatta, Dean, School of Medicine and Public Health felicitated the inaugural ceremony. Dr. K. Arun Kumar, Head, Department of Plant Science introduced the topic of the seminar. Prof. (Dr.) Dennis Thomas delivered the welcome speech and Dr. Jasmin M. Shah, Asst. Professor proposed vote of thanks.

The seminar was inaugurated by Vice-chancellor Prof. (Dr.) G. Gopa Kumar. Dr. A. Radhakrishnan Nair, Registrar, Prof. (Dr.) Govinda Rao, Dean, School of Biological Science and Dr. Rajendran Pilankatta, Dean, School of Medicine and Public Health participated in the seminar. 8 experts associated with Algae research led the classes.

### NSS Orientation Programme



The Orientation Programme of the National Service Scheme for the new volunteers for the year 2019-20 was conducted on July 31 at 4. P.M. in Sabarmathi Block. The same venue witnessed the formal inauguration of regular activities of this academic year.

The programme was inaugurated by Prof. (Dr.) G. Gopa Kumar, Vice Chancellor followed by the felicitation addresses by Dr. Radhakrishnan Nair, Registrar and Dr. M. Muralidharan Nambiar, Controller of Examinations, CUK.

NSS Programme Co-ordinator Dr. Efthikar Ahamed (Asst. Professor, ECL) led the Orientation Class and the Programme Officers Dr. Shaini. P, (Asst. Professor, Mathematics) and Dr. Pratheesh. P, (Asst. Professor, Geology) interacted with the students.

Dr. Efthikar Ahamed B. proposed the welcome speech and Dr. Shaini. P proposed the vote of thanks. Around 200 students attended the function.

#### News Items Invited

HODs and Section Heads are invited to Submit news items and activity reports for the period October-December 2019 for the next edition of Newsletter to the Media Relations Office  
E-mail: newsletter@cukerala.ac.in  
in word file with original photographs (Please provide the photographs as jpeg image)



## Department of Geology

### Activities of the Department

Dr. R. Shankar, Professor (Retired), Dept. of Marine Geology, Mangalore University and Past Chair, International Geoscience Education Organization delivered an invited talk on 'How to and How not to Prepare Power Point' on 27 June 2019.



Dr. K Ganesh Raj, General Manager, Regional Remote Sensing Centre South, NRSC, ISRO, Bangalore delivered an invited talk on 'Geospatial Applications and Recent Trends' on 28 June 2019.



A one week (26-08-2019 to 30-08-2019) combined field mapping training was organised for second year M.Sc. students at Chitradurga, Karnataka. The objective of the programme was to impart training on the basic aspects of geological mapping and provide field experience. Dr. Chandan Kumar B and Dr. Pratheesh P, Assistant Professors of the department engaged with the students during this mapping programme.



Department of Geology, Central University of Kerala and People's Forum Kasaragod jointly

organised a one day training programme on 'Flood and Landslide Management in Kerala' (with a special reference to the scenario in Kasaragod District) on 20 September 2019 at Seminar Hall, Sabarmati Block. The workshop was inaugurated by Honourable Vice-Chancellor of Central University of Kerala. The targeted audience included Eco-club teachers, School, College and University students and the general public.



#### Conference/Seminar/Workshops attended

Dr. Sijinkumar A. V. presented a research paper in the 13<sup>th</sup> International Conference on Paleoceanography held at University of New South Wales, Sydney from 02 to 6 September 2019.

Dr. Chandan Kumar B. presented a research paper in the 5<sup>th</sup> International Young Earth Scientists Conference at Freie Universität Berlin, Germany from 8 to 13 September 2019.

#### Publications

Sreevidya E., Sijinkumar A. V., Nath B. N. (2019). "Aragonite Pteropod Abundance and Preservation Records from the Maldives, Equatorial Indian Ocean: Inferences on Past Oceanic Carbonate Saturation and Dissolution Events. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 534, 109313.

#### Student Achievements

- Aravind G. H. (Research Scholar), Dept. of Geology secured INSPIRE fellowship from the Department of Science and Technology (DST).
- Gayathri N.M. and Sreevidya, two Research Scholars of the department working on past

climate changes based on marine sediments, under Dr. Sijin Kumar A.V., have participated in the scientific expedition to the Bay of Bengal onboard Research Vessel MGS Sagar. They have collected deep ocean sedimentary samples from the Bay of Bengal for reconstructing the past climate changes. The scientific expedition was as part of Indian Research Program on Exploration of Exclusive Economic Zone (EEZ) of India organized by National Centre for Polar and Ocean Research (NCPOR), Goa. The expedition started from Vishakapatnam on 21 August, 2019 and was completed on 28 September, 2019 (38 days) at Port Blair, the Andaman Sea.



Research Scholars Gayathri and Sreevidya on board Research Vessel MGS Sagar with other scientific participants

**Dr. A. Sakthivel has been admitted as "Fellow of the Royal Society of Chemistry"**



Dr. A. Sakthivel, Associate Professor, Department of Chemistry, School of Physical Sciences, Central University of Kerala has been admitted as "Fellow of the Royal Society of Chemistry" (FRSC), based on his excellent contributions in the field of chemical science, especially for the development of heterogeneous catalysts for the past fifteen years. It is a distinguished and recognized society from the UK and to become an FRSC is a prestigious achievement.

## Department of Public Health and Community Medicine

### CUK RAISES ITS WINGS TO DIGITALIZE HEALTH



The Department of Public Health and Community Medicine of the Central University of Kerala organized a two day National Workshop on digital and m-health programme titled "Digital and M-health Programmes: How to Develop, Implement and Evaluate" on 5-6 July 2019. The Vice-chancellor Prof (Dr.) G. Gopa Kumar inaugurated the programme. Prof. (Dr.) Brian Oldenburg, University of Melbourne, Australia and (Dr.) Sailesh Mohan, Professor of Public Health Foundation of India and Joint Director of Centre for Chronic Conditions and Injuries (CCCI) were the chief guests. Dr. Thankappan, Professor, Department of Public Health and Community Medicine delivered the welcome speech. Dr. Rajendra Pilankatta, Dean, addressed the function. Health professionals from across the nation took part in this event. The invited speakers spoke about the importance and challenges of M-health and its application in the health sector. The organizing team was headed by Dr. Elezebeth Mathews, Head of the Department, Dr. Sibasis Hense, Shri. Prakash Babu Kodali and Ms. Jayalakshmi Rajeev. Shri. Prakash Babu Kodali proposed the vote of thanks.

## Department of Yoga Studies

### Fresher's day

Department of Yoga Studies of Central University of Kerala conducted Fresher's day on August 9, 2019. The program started with a welcome speech by the senior student and was inaugurated by the faculties of Department of Yoga Studies. The celebration began with ice breaking sessions and was continued by cultural programs.

### Fit India Movement

On 29<sup>th</sup> August, 2019 the Central University of Kerala conducted Fit India Movement and Marathon in concurrence with the declaration of 'Fit me Fit Nation' moment by Honorable Prime Minister Sri. Narendra Modi. A yoga demonstration and yoga sessions were held in the yoga department lead by the Head of the department of Yoga studies, Dr Subramanya Pailoor. After that the

Marathon was flagged off by the Dean of Students' Welfare. The students of the Yoga Department along with other students participated in the Marathon in the University campus.

### Badminton Competition

The Interschool Badminton competition was held on 2<sup>nd</sup> September, 2019 in the multipurpose hall of the Central University of Kerala. The students from the school of medicine and public health participated in the same.

### Kabbadi Competition

On 18<sup>th</sup> September, 2019 the interschool Kabbadi competition was held in the multipurpose hall. Both the girls and boys team from the School of Medicine and Public Health participated in the match. Two girls from the department of Yoga studies were selected to the University team to represent the University at the south

zone. The boy's team of School of Medicine and Public Health won the runners up trophy at the interschool competition.

### Cricket Competition

On 23<sup>rd</sup> September, 2019 inter school cricket competition was held in Jawaharlal Nehru Navodaya Vidyalaya ground. The School of Medicine and Public Health participated in the same and won third place in the competition and received the bronze medal.

### Hindi Pakwada

The yoga department students Mr Ramashankar Vidyarthi and Ms Meenakshi Saraf won the first prize and second prize respectively in the elocution competition conducted in connection with the Hindi Fortnight Celebration of CUK. Also, Ms Meenakshi Saraf received the first prize in Hindi Essay writing competition.

In the Hindi competition conducted for the statutory Officers/Deans/ HOD's the Academic Coordinator Dr Subramanya Pailoor won the second prize in the dictation competition and third prize in Hindi translation.

### Invited talk

On August 23<sup>rd</sup> and 24<sup>th</sup> Dr Subramanya Pailoor, Academic Coordinator of department of Yoga Studies delivered a invited talk in the national conference 'World Ayush Expo 2019 & Arogya', conducted by Ministry of Ayush at Mumbai.

### Publications

Dr Sriharisukesh N and Dr Subramanya Pailoor, published paper entitled "A review of Asanas Referenced in Ancient Texts and a Brief Comparative Study of Selected Asanas", in the International Journal of Sanskrit Research" 2019; 5(4): 270-273.



Fit India Movement -Yoga



## Department of Zoology

### Faculty achievement

Dr. Sudha K visited Lomonosov Moscow State University, Russia under Indo-Russian (DST-RFBR) collaborative project during the period from 25 August 2019-7<sup>th</sup> September 2019. During her visit she has attended and presented a paper entitled "Lernanthropid copepod diversity along Kerala coast, India in 4<sup>th</sup> International Workshop on Symbiotic Copepoda organized by White Sea Biological Station, Lomonosov Moscow State University, White sea, Russia

### Publications

1. Helna, A.K., Sudha, Kappalli. (2019). Characterization of a protandrous hermaphroditic reproductive system in transitional and female phases of *Norileca indica*- morphological, histological and ultrastructural approach. *Crustaceana*, 92:6, 641-664, doi.org/10.1163/15685403-00003896
2. Kottarathil HA, Kappalli S. 2019. Reproductive system in the male phase of a parasitic isopod (Crustacea) morphological,

histological and ultrastructural evidence for sequential protandrous hermaphroditic changes. *Zoological Studies* 58:04. doi:10.6620/ZS.2019.58-04.

### Students Achievements

M. V. Nikhila Reshma, Ph.D scholar and Swaraj P, Project Assistant from the research lab of Dr. Sudha K. have presented their research reports in 4<sup>th</sup> International Workshop on Symbiotic Copepoda organized by White Sea Biological Station, Lomonosov Moscow State University, White Sea, Russia during the period from 28 August to 4<sup>th</sup> September 2019.



### Mr Arun D

Mr Arun D has successfully completed Open defense of the thesis entitled "Investigations on skin and secretome of selected caecilians from Western Ghats, India" under the guidance of Dr L Divya. This is the first thesis to be awarded from the Department of Zoology, School of Biological Sciences.

## Department of Kannada

### Dr. Swamy K N, Guest Faculty

Presented a paper titled "Linguistic Thoughts of N. Mogasale in His Literature" in a National Seminar on "The Works of Dr. N Mogasale" organized by the Department of Kannada Studies, School of Indian Languages, Kannuru University in association with Kannada Sangha, Kantavara on 27 August 2019.

Gave a special lecture on the topic "Philosophical Basis of Kannada Research and Criticism" in the Department of Kannada

studies, Sri Krushnadevaraya University, Ballary, Karnataka on 09 September 2019.



Participated as Chairperson at 'State Level Chutuku Sambhrama' in the district level 5<sup>th</sup> Chutuku Sahitya Festival organized by Kasargod District Chutuku Sahitya Parishattu on 29 September 2019.

## एना.एस.एस उन्मुखीकरण कार्यक्रम

राष्ट्रीय सेवा योजना के वर्ष 2019-20 के नए संवर्यंसेवकों के लिए एक उन्मुखीकरण कार्यक्रम 31 जुलाई 2019 को अपराह्न 4 बजे साबरमती ब्लॉक में आयोजित किया गया। इस अवसर पर चालू शैक्षणिक वर्ष की नियत गतिविधियों का उद्घाटन भी किया गया।

कार्यक्रम का उद्घाटन माननीय कुलपति प्रो. (डॉ.) जी. गोप कुमार द्वारा किया गया। उद्घाटन समारोह में डॉ. ए. राधाकृष्णन नायर, कुलसचिव एवं परीक्षा नियंत्रक डॉ.एम. मुरलीधरन नम्बार ने आशिर्वाचन दिया।

एन.एस.एस कार्यक्रम समन्वयक डॉ.इफित्खर अहमद (सहायक आचार्य, अंग्रेजी एवं तुलनात्मक साहित्य विभाग) ने उन्मुखीकरण कार्यक्रम का नेतृत्व किया और डॉ. बैनी पी (सहायक आचार्य, गणित विभाग) एवं डॉ.प्रतीष. पी (सहायक आचार्य, भूविज्ञान विभाग) ने विद्यार्थियों के साथ इंटराक्ट किया।

डॉ.इफित्खर अहमद ने स्वागत भाषण दिया और डॉ. बैनी.पी ने कृतज्ञता ज्ञापित की। करीब 200 विद्यार्थियों ने कार्यक्रम में भाग लिया।



State Level Chutuku Sambhrama'

Published an article titled "Krauryakke Shantiyannu; Atruptige Asahakaravannu Parichayisida Ghandhi" edited by Prof. Mallepurn G Venkatesh.



## Department of Education

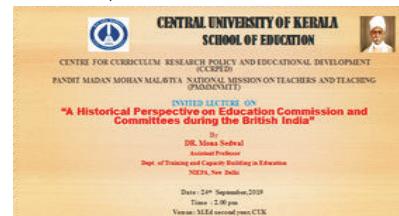
The Department of Education was established under the School of Education in the year 2015 for the development of a cadre of professionally qualified teacher educators to meet the needs and challenges of the Knowledge Society across the globe. The Department aims to promote pedagogical research and intends to reform the teacher education programmes in the country. It also endeavours to achieve excellence by facilitating quality based innovations in all areas of the teaching learning processes. Bringing a paradigm shift to the personalized instruction, multiple learning strategies and learner-centric classroom environment are its prime objective. The thrust areas of the research in the department include Environmental Education, Education for Sustainable Development, Instructional Designs, Curriculum Innovations, Web-Based Instruction, Inclusive Education, Value Education, Yoga Education and Multicultural Education.

The Department of Education has been awarded the MHRD's prestigious flagship programme titled Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) under the School of Education. Centre for Curriculum Research, Policy and Educational Development (CCRPED) and Centre for Life Skills in Education are also functioning in the department.

### Various Programmes Conducted under the Department of Education



1 Public Lecture on "Draft National Education Policy 2019" on 15<sup>th</sup> July, 2019 by Prof. (Dr.) K Ramachandran, NIEPA, New Delhi (Drafting Committee Member, Draft National Education Policy 2019) at Seminar Hall,



2 Invited Lecture on "A Historical Perspective on Education Commission and Committees during the British India" on 24 September, 2019 by Dr. Mona Sedwal, faculty in the Department of Training and Capacity Building in Education, NIEPA, New Delhi at M.Ed Second Year Classroom of the Department, CUK.



3 Invited Lecture on "Evolving Role of Educators and Changing Educational Paradigms" on 26 September, 2019 by Dr. Yogesh Velankar, Thane, Maharashtra at M.Ed Second Year Classroom of the Department, CUK



4 Invited Lecture on "Teacher Education Journey: Local to Global Innovations in Teacher Education: Curriculum,

Pedagogy and Assessment" on 30 September, 2019 by Prof. (Dr.) Saroj Sharma, University School of Education, Guru Gobind Singh Indraprastha University, New Delhi at M.Ed Second Year Classroom, of the Department,



### Various Programmes Conducted under PMMMNMT

Third Induction Training Programme for Teachers working in Universities / Colleges / Institutes from 23 September to 22 October, 2019 at Seminar Hall of the Department, CUK



### Faculties

Dr. Mary Vineetha Thomas (Assistant Professor)

- ❖ Selected as Resource Person for the Faculty Development Programme at School of Social Work, Roshini Nilaya, Mangalore on 6 July, 2019.
- ❖ Selected as Resource Person for seven-day Workshop on Research Methodology and Data Analysis for Social Science organized by the Department of Education, Bharathiar University, Coimbatore on 7 August 2019.
- ❖ Developed and presented 4 modules for Online Refresher Course for higher education faculty offered by the National Resource Centre, Central University of Kerala under Annual Refresher Programme in Teaching (ARPIT) by MHRD.



## Department of Management Studies

### Inauguration of the Department of Management Studies

Hon'ble Vice-Chancellor Prof. (Dr.) G. Gopa Kumar inaugurated the Department of Management Studies (MBA-General) on 30 July 2019. It was followed by a special address delivered by Mr. Prasad Chandran, former Chairman and Managing Director, BASF, Mumbai, on Managerial Skills for Management Students.

### Management Activity

Arunima K.V., the guest faculty in the department, led an activity based on Developing Business Models from Trash for the students on 6 August 2019.

### Business Quiz

The department conducted a Business Quiz programme for the students led by Prof. V. Balachandran, Academic Coordinator, on 14 August 2019.

Dr. B. R. Prasanna Kumar, Finance Officer, CUK, gave a lecture on Current Developments in Financial Reporting on 20 August 2019.

### Case Study

A) A group presentation on Case Study of a 'B-Corporation in India' was conducted for the students by Arunima K. V. (guest faculty) on 26 August 2019.

B) A case study on 'Marketing Practices of Mc Donalds' for the students was conducted by Sreekha. P (guest faculty) on 27 August 2019.

### Onam celebration

The department enthusiastically conducted Onam celebrations on 4 September 2019.

After the presidential address by Prof. V. Balachandran (HOD), Dr. B. R. Prasanna Kumar, Finance Officer CUK delivered the guest talk. The students of the department presented various programmes including the performance of Thiruvathira, 'Malayali Manka', Onakkali and 'Sundarik Pottuthodal'.

On concluding the report, all events went as per schedule with full enthusiasm. Efforts of all students and teachers have to be appreciated. The team set an example for every management students here by putting up a beautiful show in spite of being amidst the hectic days of examination.

### Teachers' Day celebration



The department observed Teachers' Day on 5 September 2019 as a token of gratitude, love and respect and in recognition of the hard work put in by the teachers towards development of the society. The chief guest of the day was Dr. A. Manickavelu, Dean, Student Welfare. The students organised a candle light ceremony which is a symbol of hope and prayer. It created a positive ambience among the students.



Dr. A. Manickavelu (Dean, Student Welfare) addresses the students on Teachers Day.

### General quiz

Prof. V. Balachandran, Academic coordinator conducted a general quiz for the students on 19 September 2019.

### Debate

The department conducted a debate on 'Hindi-a National Language or Official Language of India' for the students, led by Sreekha P, (Guest Faculty) on 20 September 2019.

### Knowledge Enrichment Programme (Special Lecture Series)



The department organized a Knowledge Enrichment Programme (special lecture series) from 24.9.2019 to 30.9.2019. The lectures include 'Modern Marketing Practices in the Present Competitive Arena' by Dr. K. S. Chandrasekhar (Professor of Management, IMK, University of Kerala, Trivandrum), on 24 September 2019, 'Stress Management' by Ms. Athira (Clinical Psychologist) on 26 September 2019 and Inter-Firm Comparison on Financial Performance by Prof. Antony Joseph (CUSAT, Kochi) on 27 September 2019.



Dr. K. S. Chandrasekhar (Professor of Management, IMK, University of Kerala, Trivandrum).



Prof. Antony Joseph delivering special lecture

## Board of Studies Meeting

The first Board of Studies meeting was held on 25 September 2019. Accordingly, the curriculum was finalised for the academic year 2019-2020. Dr. S. M. Unnikrishnan (Associate Vice President, HLL Life care Ltd. Trivandrum), Dr. E. P. Sateesh Kumar (Dy. Chief HR, Air India Express) and Dr. T. N. Sreedhara (Prof. of Management, Mangalore University) were the BoS members. They delivered a couple of motivational sessions for the students of the Department of Management Studies on 25 September 2019.



The BoS Members addressing the students

## Role Play

The department conducted a "Role Play" for the students based on real life organisational case study on Performance Appraisal led by Arunima K.V on 26.09.2019

## Hindi Pakhwada

Prof. V. Balachandran bagged three prizes in various Hindi competitions organised as part of Hindi Pakhwada event on 30.09.2019.

## Achievements by Students

Ms. Khadeejath Farhana and Ms. Shiyona Prajosh won second and third positions respectively for the competition creating advertisement in Hindi organised as part of Hindi Pakhwada event on 30.09.2019.



## Faculty Achievements

Prof V Balachandran won prizes for competitions organized for the HoDs as part of Hindi Pakhwada event conducted on 30.09.2019.

## Research Contributions

*Paper Presentations and Publication by Prof V Balachandran.*

1. Presented a research paper titled 'CSR Policy and its Implementation by Corporates- A Legal Perspective' in the National Seminar on CSR- Towards Societal Development Issues and Challenges organised by Alagappa University under MHRD- Rashtriya Uchchchatta Shiksha Abhiyan phase 2.0 scheme on 29 August 2019.
2. Presented a research paper on the topic 'CSR Awareness among Small and Medium Enterprises' in Two-Day International Conference on Futuristic Vision in Functional Management for Global Green Economy organized by Department of Commerce, V V Vannia Perumal College for Women , Virudhunagar on 21-22 August 2019.
3. Published a research paper titled, CSR Awareness among Small and Medium Enterprises in the International Journal of Analytical and Experimental Model Analysis, a UGC Care Approved Group- ISO: 7021-2008 Certified Journal, ISSN 0886-9367, Vol. XI, Issue IX, September 2019.

## Department of Mathematics

### Research Publications:

#### Faculties:

##### K. A. Germina:

- a. K. A. Germina, Gency Joseph, L. Benedict Michael Raj, (2019), Characterization of Span of Base B-induced 1-uniform dcl Graphs, International Journal of Applied Mathematics, Volume 32 No. 1, 51-58.
- b. Germina K. Augusthy, Gency Joseph, (2019) Characterization of 1-uniform dcl Graphs and Learning Graphs, Italian Journal of Pure and Applied Mathematics, Vol 43.
- c. Germina K. Augusthy, (2019), A Review on Measures to Structural Balance in Social Network- An Algebraic Approach, Springer Proceedings (to appear).
- d. Germina K. Augusthy and Soorya P, (2019), Vertex (n, k)-Choosability of Graphs, Italian Journal of Pure and Applied Mathematics, (to appear).
- e. N. K. Sudev and K. A. Germina, (2019), Sparing Number of Certain Graph Powers, Acta Universitatis Sapientiae, Mathematica, 11(1) 1-17.
- f. N. K. Sudev and K. A. Germina, (2019), A Study on Integer Additive Set-graceful Graphs, Southeast Asian Bulletin of Mathematics, 9(3), 638-645.
- g. Johan Koka, K.A. Germina , Chromatic Harmonic Indices and Chromatic Harmonic Polynomials of Certain Graphs, Iranian Journal of Mathematical Sciences and Informatics Vol. 14, No. 2 (2019), pp 85-96
- b. Germina K. Augusthy, Set Valuations of Graphs and Their Applications, Chapter 8, Handbook of Research on Advanced Applications of Graph Theory in Modern Society, A volume in the Advances in



Computer and Electrical Engineering (ACEE) Book Series, ISSN:2327-039X EISSN:2327-0403.

### Dr. Ali Ajbar K.

- a. Ali Ajbar K., V. Kannan and I.S. Pillai, Simple Dynamical Systems in Applied General Topology, 2019, (to appear).
- b. Ali Ajbar K., Mubeena T, Periodic Points of  $n$ -dimensional Toral Automorphisms, in Springer proceedings in Mathematics & Statistics, 2019, (to appear).

### Dr. Manikandan R.

- a. Manikandan R, Sajeev S. Nair, An M/M/1 Queueing-Inventory System with Working Vacations, Vacation Interruptions and Lost Sales. Automation and Remote Control, 2019, Springer Journal, (to appear).

### Research Scholars

- a. Soorya P, and K. A Germina, Vertex  $(n,k)$ -Choosability Of Graphs, Italian Journal Of Pure and Applied Mathematics, (to appear)
- b. Soorya P, and K. A Germina , On the Vertex Choice Number and Chromatic Number Of Graphs, International Journal Of Scientific and Technology research, (to appear)

### Invited Talk

#### Dr. K. A Germina

Got an invitation to deliver a talk at a special session on Algebraic Combinatorics on the occasion of the 75<sup>th</sup> Birthday of Professor Thomas Zaslavsky as part of the AMS Fall Eastern Section Meeting during October 12-13, 2019 to be held at Binghamton University, Binghamton, NY. USA.

#### Dr. V. Vilfred

1. Gave an invited talk in a National Conference at Mariagiri College, Kaliyakkavila, Tamil Nadu on 09.08.2019
2. Gave an invited talk in a National Seminar at Sree Ayyappa College,

Nagercoil, Tami Nadu on 16.08.2019. Number Theory: Queen of Mathematics.

The Department is keeping the record of the same.

### Mathematics Club:

**Coordinators: Dr. Shaini P and Dr. Ali Akbar K**

The Department of Mathematics has constituted a Mathematics Club to organize a variety of programmes in the department for the benefits of the University student community as well as for the students in the vicinity. It has a plan to adopt Periyar Govt. School with a particular aim of stimulating children's mathematical curiosity. There are also village schools in the locality which need its attention. In order to foster creativity and imagination in the students which is essential for learning mathematics we need to create certain standard mathematical models. The Club was inaugurated on Tuesday, 24 September, 2019. The students of the department took initiative to impart lectures and conduct Puzzle sessions and Quiz programmes. Once in two weeks on every Tuesday, the Maths club will organize the programme.

The Department is keeping the record of the same.

### UGC/CSIR Coaching:

**Coordinator: Dr. Ali Akbar K**

Ms. Padmapriya V. P, Research Scholar, has been given the charge of arranging the coaching classes, in discussion with the research scholars of the department and in consultation with Dr. Ali Akbar K. The Research Scholars have divided the Syllabus of the UGC/CSIR and take classes on Thursday of every week at 4-30 to 5.30 pm. The Department is keeping the record of the same.

### Remedial Classes:

**Coordinators: Dr. V. Vilfred and Dr. Manikandan R**

The Department has scheduled to have remedial classes as per the request from students.

### Mathematics Colloquium:

**Coordinators: Dr. Manikandan R and Dr. Gnannavel S.**

Mathematics Colloquium has been inaugurated and started functioning from 4 September 2019. The MC will conduct a talk on various topics to be delivered by the experts once in two weeks (mostly on Tuesday)

The first lecture was given by Professor B. R. Shankar, NITK, Surathkal, Mangalore on the topic

# CHEMISTRY CAMP



The participants of the Chemistry Study Camp along with Hon'ble Vice-Chancellor and the faculty members

A Chemistry Camp was organized by the Department of Chemistry, CUK in collaboration with the Royal Society of Chemistry and Salters Institute in Tejaswini Hills Campus. The programme was inaugurated by Hon'ble Vice-chancellor Prof. (Dr.) G. Gopa Kumar. Prof. (Dr.) Prathapachandra Kurup, Head, Department of Chemistry and Dr. Sakthivel,

Associate Professor felicitated the inaugural ceremony. The faculty members of the Department of Chemistry, CUK, Dr. Sudarsan Kumar, Kerala University of Fisheries and Ocean Research and Dr. Abdul Gafoor led the classes. Selected 75 ninth standard students from 25 government as well as aided schools of Kasaragod district attended the camp.

## THREE NEW COURSES INAUGURATED



Three new courses, Master of Business Administration, MBA (Tourism Studies) and Commerce and International Business were inaugurated by Hon'ble Vice-Chancellor Prof. (Dr.) G. Gopa Kumar on 30<sup>th</sup> July 2019.

Prof. V. Balachandran, the Academic Co-coordinator of Master of Business Administration presented the welcome address. In the inaugural address, the Vice-

chancellor expressed his happiness of fulfilling one of his dream come true by inaugurating these departments and presented the importance of Management and commerce as academic disciplines and the need of collaboration with the industries and with the society.

Shri. Prasad Chandran, former Chairman and MD, BASF and former President of IGCC attended the function as the chief

guest and oriented the students about the prospects of Management and commerce discipline.

Dr. A. Radhakrishnan Nair, Registrar, Dr. B. R. Prasannakumar, Finance Officer and Dr. A. Manickavelu, Dean of Students Welfare felicitated the inaugural ceremony. Dr. Sibi P. S., Academic Co-ordinator, MBA (Tourism Studies) proposed vote of thanks.



## Department of Law

### FELICITATION TO UGC-NET HOLDERS (JUNE 2019)

Department of Law, CUK, felicitated Sony Raj S.S (LLM 2017-2019), Arjun Philip George (3rd Semester LLM) who qualified UGC-NET DECEMBER 2018 and Badal Chatterjee, Swathi P.C, Naveen Suresh (3rd Semester LLM students) Visruth Raveendran (Research Scholar) who qualified UGC-NET June 2019. Dr. Sunny K.C (Vice Chancellor of NUALS) was the Chief Guest of the function.

Department of Law, CUK, conducted a discussion on the Draft National Education Policy 2019. The comments and suggestions of the Department have been presented by the Head of the Department in the second round discussion scheduled on 29 July 2019 in the presence of the Vice Chancellor of Central University.



Department of Law organised the Induction Ceremony for the batch of 2019-20. Sri. Umesh Kumar (DySP, Thiruvalla) and Dr C.I Issac (Member, ICHR and former Executive Council Member, CUK) were the chief guests of the function. The certificates for the winners of Cankama were also distributed.



The Department under the able guidance of Dr. Gireesh Kumar J. has taken up a new initiative "Human Stories" which aims to

throw insights of various global human rights issues. Naveen Suresh is the coordinator of the new initiative. The first screening (CAPERNAUM) was held in Seminar Hall, CUK, Thiruvalla on 8 August 2019.



The department organised special lectures on research methodology on 13 and 14 August 2019. Classes were led by Rubin Thomas John of MG University and Prof. Gabriel Simon Thattel, former Professor, Karyavattom campus.

Department of Law, CUK, celebrated the 73rd Independence Day with pride and enthusiasm. Head of the Department Dr. Gireesh Kumar hoisted the National Flag. Students and staffs of the Department were present.



Announcement of International "Seminar on State, Civil Society and Human Rights : Neoliberal Reflections" Feb 20 - 22, 2020 was made by Prof. Dr. K C Sunny Hon'ble VC of NUALS on 29 Aug 2019



Department of Law organised fresher's day 2019 on 30 Aug 2019.

Department of Law organised Hindi Fortnight celebrations from 17<sup>th</sup> Oct 2019 to 3<sup>rd</sup> Oct 2019. Shri C J Kuttapan of Kerala Folklore Academy was the Chief Guest for the Valedictory and Prize Distribution function.

### Faculty

Dr. Gireesh Kumar J has Engaged two Sessions in "Human Rights, Humanitarian Law and Rights of the Displaced and Refugees" in the "Short Term Course/ Human Rights and Right to Information" organized by the UGC, Human Resource Development Centre, Kannur University, Kerala on 30th September, 2019.



Dr. Jayasankar. K.I has published a paper titled 'Indian Tribes Run the Gauntlet of challenges in the globalised world-a Probe on Reality" in Indian Bar Review-vol-46(2)2019, a peer reviewed national journal of Bar council of India.

Dr. Jayasankar. K. I is being selected as the member of the Preliminary Committee for evaluation of applications for various programmes/fellowships/scholarships and grants by Shastri Indo Canadian Institute, New Delhi for the year 2019-20.

### Students

Arjun Philip George of 3<sup>rd</sup> Semester LLM co-authored an Article Titled "Denying Women Their Freedoms" which was published as THE HINDU web special edition of, 22 Sep

## हिन्दी पंखवाड़ा समारोह 2019



मुख्य अतिथि प्रो. (डॉ.) जी. गोपिनाथन हिन्दी पंखवाड़े का उद्घाटन करते हुए

केरल केन्द्रीय विश्वविद्यालय में इस साल हिन्दी पंखवाड़ा बड़े हॉस्टल्लास के साथ आयोजित किया गया। पंखवाड़े के अवसर पर आयोजित सभी कार्यक्रमों में विश्वविद्यालय के शैक्षणिक एवं गैरशैक्षणिक कर्मचारियों और विद्यार्थियों ने बहुत सक्रिय रूप से भाग लिया।

केरल केन्द्रीय विश्वविद्यालय में इस साल हिन्दी पंखवाड़ा बड़े हॉस्टल्लास के साथ आयोजित किया गया। पंखवाड़े के अवसर पर आयोजित सभी कार्यक्रमों में विश्वविद्यालय के शैक्षणिक एवं गैरशैक्षणिक कर्मचारियों और विद्यार्थियों ने बहुत सक्रिय रूप से भाग लिया।

डॉ. प्रसन्नकुमार.पी.सी ने किया।

कासरगोड मुख्य परिसर में 30 सितंबर 2019 को समकुलपति प्रो. (डॉ.) के. जयप्रसाद जी की अध्यक्षता में संपन्न समारोह में महात्मा गांधी अंतर्राष्ट्रीय हिन्दी विश्वविद्यालय के भूतपूर्व कुलपति प्रो.जी. गोपिनाथन मुख्य अतिथि रहे। डॉ.ए.राधाकृष्णन नायर, कुलसचिव, डॉ.एम.मुरलीधरन नम्ब्यार, परीक्षा नियंत्रक और प्रो. (डॉ.) सुधा बालकृष्णन, अध्यक्षा, हिन्दी विभाग ने आशिर्वचन दिया। समारोह में डॉ.टी.के.अनीश कुमार, हिन्दी अधिकारी ने स्वागत भाषण दिया और डॉ. सीमा चंद्रन, सहायक आचार्य, हिन्दी विभाग ने धन्यवाद प्रस्तुत किया।

पंखवाड़ा समारोह के सिलसिले में कर्मचारियों, विद्यार्थियों और कर्मचारियों के बच्चों के बच्चों के लिए विभिन्न हिन्दी प्रतियोगिताओं को पुरस्कार वितरित किए गए। हिन्दी में अधिकतम कार्य करनेवाले कर्मचारियों के लिए लागू की गई प्रोत्साहन योजना के पुरस्कार भी वितरित किए गए। हिन्दी विभाग के छात्रात्राओं द्वारा आयोजित रंगीन सांस्कृतिक कार्यक्रमों के साथ समारोह समाप्त हुआ।



मुख्य अतिथि, उप महानिरीक्षक श्री एम.जे. विजय समापन समारोहका उद्घाटन करते हुए

2019, <https://www.thehindu.com/opinion/open-page/denying-women-their-freedoms/article29477036.ece>

Arjun Philip George of 3<sup>rd</sup> Semester LLM and Devi Sanal, PhD Scholar participated and presented a paper titled “Farmers Rights in Patent Regime: Justice and Morality” paper in the Two Day International Inter Disciplinary Seminar on Intellectual Property Rights and Sustainable Development organised by Bharata Mata School of Legal Studies, Aluva in collaboration with Bharata Mata College of Commerce and Arts.

Arjun Philip George of 3<sup>rd</sup> Semester LLM published an article titled “Activist Judiciary and Transformative Constitution”, in Vol.2 Issue.4 of International Journal of Law Management and Human Rights bearing ISSN [2581-5369], indexed at I2OR, ISI, SIS, DRJI, and SJIF with Impact factor of 2.008 as evaluated by I2OR for Year 2018.

Vishnu Prasad Menon and Melchi Joseph Oomen of 3<sup>rd</sup> semester LLM presented an Article titled “Commercial Courts Act: Is It Ensuring the Justice in Commercial Disputes?”, in the Two Day International Seminar on “Strengthening Legal Provisions for the Enforcement of Contracts Reassessing the Quality and Efficiency of Dispute Resolution of Commercial Matters in India organised by NLSIU, Bengaluru, in association with Department of Justice, Ministry of Law and Justice, New Delhi.



# सी यू केरल न्यूज़लेटर

# CU KERALA NEWSLETTER

Vol: III, No. 4

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

October -December 2019

A QUARTERLY NEWSLETTER FROM THE CENTRAL UNIVERSITY OF KERALA

## डॉ. रमेश पोखरियाल 'निशंक'

माननीय मानव संसाधन विकास मंत्री ने नए शैक्षणिक भवन का उद्घाटन किया



## Dr. Ramesh Pokhriyal 'Nishank' Hon'ble HRD Minister at CU Kerala

The School of Education building (Saraswathy) was inaugurated by Dr. Ramesh Pokhriyal 'Nishank', Hon'ble Minister of Human Resources Development, Govt. of India on 25th February 2020 at Tejaswini Hills Campus. This building was constructed under the PMMMNMTT project, School of Education, CUK. Prof. (Dr.) G. Gopa Kumar, Vice-Chancellor presided over the inaugural ceremony. The foundation for the Administrative building of the University was also laid by Hon'ble Minister. Prof. (Dr.) K. Jayaprasad, Pro-Vice Chancellor, Dr. A. Radhakrishnan Nair, Registrar, Prof. (Dr.) Muhammedunni Alias Musthafa, Dean, School of Education, Prof. (Dr.) Amruth G Kumar, HOD & Co-ordinator of PMMMNMTT, Sri. Sreenivas, Superintending Engineer, C P W D, Shri. K. G. Rajagopal, Executive Engineer, CUK were also present in the inaugural ceremony. The faculty members, non-teaching staff and students attended the programme.

डॉ. रमेश पोखरियाल 'निशंक', माननीय मानव संसाधन विकास मंत्री द्वारा शिक्षा विद्यापीठ भवन (सरस्वती) का उद्घाटन 25 फरवरी 2020 को तेजस्विनी हिल्स परिसर में किया गया। इस भवन का निर्माण मदन मोहन मालवीय राष्ट्रीय शिक्षक एवं शिक्षण मिशन परियोजना के तहत किया गया है। प्रो. (डॉ.) जी. गोपा कुमार, कुलपति ने उद्घाटन समारोह की अध्यक्षता की। माननीय मंत्री जी ने केरल केन्द्रीय विश्वविद्यालय के प्रस्तावित प्रशासनिक भवन का शिलान्यास भी किया। उद्घाटन समारोह में प्रो. (डॉ.) के जयप्रसाद, सम-कुलपति, डॉ. ए. राधाकृष्णन नाथर, कुलसचिव, प्रो. (डॉ.) मुहम्मदुर्रिण एलियास मुस्तफा, अधिष्ठाता, शिक्षा स्कूल, प्रो. (डॉ.) अमृत जी कुमार, विभागाध्यक्ष, शिक्षा विभाग एवं समन्वयक, पीएमएमएमएनएमटीटी और श्री के.जी.राजगोपाल, कार्यपालक अभियंता, सीयूके उपस्थित थे। विश्वविद्यालय के संकाय सदस्यों, गैर-शैक्षणिक कर्मचारियों एवं विद्यार्थियों ने कार्यक्रम में भाग लिया।



## संदेश / Message

नमस्कार,

आप सभी को नववर्ष 2020 की हार्दिक शुभकामनाएँ !

केरल केन्द्रीय विश्वविद्यालय अपनी स्थापना के 11वें वर्ष पर पदार्पण कर रहा है । विश्वविद्यालय में चतुर्थ दीक्षांत समारोह एवं 11वा स्थापना-दिवस समारोह 2 मार्च 2020 को आयोजित किए जानेवाले हैं । केरल के माननीय राज्यपाल, श्री आरिफ मुहम्मद खान ने चतुर्थ दीक्षांत समारोह में मुख्य अतिथि के रूप में उपस्थित होने के लिए सहमति प्रकट की है और 11 वें स्थापना दिवस समारोह में मुख्य अतिथि के रूप में श्री जी.माधवन नाथर, भूतपूर्व अध्यक्ष, भारतीय अंतरिक्ष अनुसंधान संगठन एवं सचिव, अंतरिक्ष विभाग, भारत सरकार आमंत्रित हैं ।

हालही में शिक्षा विद्यापीठ भवन (सरस्वती) एवं योग विभाग भवन (यमुना) के उद्घाटन यथाक्रम डॉ.रमेश पोखरियाल, माननीय मानव संसाधन विकास मंत्री एवं श्री श्रीपद येसो नाइक, माननीय राज्य मंत्री, आयुष मंत्रालय एवं रक्षा राज्य मंत्री द्वारा किए गए । केन्द्रीय पुस्तकालय एवं प्रशासनिक भवन के शिलान्यास यथाक्रम जनवरी एवं फरवरी 2020 में संपन्न हुए । नए दो छात्रावासों का निर्माण प्रगति में है । 16 फरवरी 2020 को विश्वविद्यालय ने एक मेंगा जोब फेर आयोजित किया था जिस में 41 छात्रों को विभिन्न कंपनियों में नौकरी प्राप्त हुई और 300 छात्र शोर्ट लिस्ट में आ गए । 131 विद्यार्थी, यूजीसी-सीएसआईआर, जेआरएफ/नेट परीक्षाओं में उत्तीर्ण हो गए ।

इस प्रकार यह विश्वविद्यालय शैक्षणिक एवं भौतिक विकास के साथ आगे बढ़ रहा है । हमारा लक्ष्य इस विश्वविद्यालय को एक विश्वस्तरीय शिक्षा संस्थान में तब्दील करने का है । भविष्य की विकासात्मक गतिविधियों में इस विश्वविद्यालय को अपने हितधारकों और समाज की तरफ से निस्वार्थ सहयोग एवं समर्थन अवश्य मिलना चाहिए ।

सीयू केरल न्यूज़लेटर के नए अंक के लिए मेरी शुभकामनाएँ ।

आप का,

प्रो. (डॉ.) जी. गोपा कुमार

कुलपति

Dear all,

Wish you a happy and prosperous new year 2020!

The Central University of Kerala is stepping into the 11<sup>th</sup> year of its inception. The University conducts its Fourth Convocation and 11<sup>th</sup> Foundation Day on 2<sup>nd</sup> March 2020. Hon'ble Governor of Kerala, Shri. Arif Mohammed Khan has kindly consented to be the chief guest of the 4<sup>th</sup> Convocation and Shri. G. Madhavan Nair, Former Chairman, ISRO and Secretary to the Department of Space, Government of India is invited as the Chief Guest of the Foundation Day Ceremony.

Recently the School of Education building (Saraswathy) and Yoga Department building (Yamuna) were inaugurated by Dr. Ramesh Pokhriyal, Hon'ble HRD Minister and Shri. Shripad Yesso Naik, Hon'ble Minister of State, Ministry of AYUSH & Minister of State for Defence, respectively. Foundation Stone for Central Library and Administrative Block were laid in January and February 2020. Construction of two new hostels is progressing. The University has conducted a Mega Job Fair on 16<sup>th</sup> February 2020 in which 41 students got placements in various companies and another 300 have been short-listed. A record number of 131 students also cleared UGC-CSIR JRF/NET examinations.

Thus the University is moving forward with academic as well as infrastructure developments day-by-day. Our vision is to transform the University into a world class educational institution. The University needs selfless co-operation and support from its stakeholders and the society for its future developmental activities.

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

Sincerely,

Prof. (Dr.) G. Gopa Kumar  
Vice-Chancellor



Sri Arif Mohammad Khan

## FOURTH CONVOCATION

The Fourth Convocation of the Central University of Kerala will be held at 11 am on 2<sup>nd</sup> March 2020 at Tejaswini Hills Campus. Sri Arif Mohammad Khan, Hon'ble Governor of Kerala, has given his consent to attend the programme as the Chief Guest and deliver the Convocation Address. Prof. S.V. Sheshagiri Rao, Hon'ble Chancellor of the Central University of Kerala will preside over the function.

### 4<sup>th</sup> Convocation Programme Schedule

Time	Programme
10.50 am	Arrival of the Hon'ble Governor
11.00 am	Robing of Hon'ble Governor by the Vice Chancellor
11.05 am	Academic Procession to Convocation hall.
11.10 am	National Anthem
11.13 am	Welcome address: Vice Chancellor
11.18 am	Lighting the lamp : <b>Sri. Arif Mohammed Khan</b> , Hon'ble Governor of Kerala
11.20 am	Registrar requests the Vice Chancellor to declare the Convocation open
11.21 am	The Vice Chancellor opens the Convocation with the permission of the Chancellor
11.22 am	Hon'ble Chancellor says : " <b>Let the Candidates be presented</b> "
11.23 am	<b>Award of Degrees to the Students School wise by Hon'ble Governor and received by Deans</b>
11.24 am	Dean, School of Global Studies (SGS)
11.25 am	Dean, School of Social Sciences (SSS)
11.26 am	Dean, School of Languages and Comparative Literature (SLCL)
11.27 am	Dean, School of Biological Sciences(SBS)
11.28 am	Dean, School of Physical Sciences(SPS)
11.29 am	Dean, School of Earth Science Systems (SESS)
11.30 am	Dean, School of Medicine and Community Health (SMPH)
11.31 am	Dean, School of Economics (SE)
11.32 am	Dean, School of Legal Studies (SLS)
11.33 am	Dean, School of Education (S.Ed)
11.34 am	Controller of Examinations (in Absentia of Degree awardees)
11.35 am	<b>Award of Degrees to Ph.D. Scholars by Sri. Arif Mohammed Khan</b> , Hon'ble Governor of Kerala
11.40 am	Registrar obtains the signature of the Chancellor
11.41 am	Felicitation: Pro Vice Chancellor, Central University of Kerala
11.43 am	Felicitation: Sri. Rajmohan Unnithan, MP
11.45 am	Chief Guest Address: <b>Sri. Arif Mohammed Khan</b> , Hon'ble Governor of Kerala
12.13 pm	Presentation of the memento to Hon'ble Governor by the Vice Chancellor
12.14 pm	Closure of Convocation announcement by Registrar
12.15 pm	National Anthem



Dr. G. Madhavan Nair

## 11<sup>th</sup> FOUNDATION DAY

The 11<sup>th</sup> Foundation Day lecture and celebrration of Central University of Kerala will be held at 5.30 pm on 2<sup>nd</sup> March 2020 at Thejaswini Hills Campus, Periy, Kasaragod. Dr. G. Madhavan Nair, former Chairman, Indian Space Research Organisation and Secretary to the Department of Space, Government of India has given his consent to attend the programme as the Chief Guest. Dr. G. Madahavan Nair will deliver the 11<sup>th</sup> Foundation Day Lecture. The programme will be presided over by Prof. (Dr.) G. Gopa Kumar, Vice-Chancellor, Central University of Kerala. Prof.(Dr.) K. Jayaprasad, Pro-Vice Chancellor will deliver the welcome address and Dr. A. Radhakrishnan Nair, Registrar will propose the vote of thanks. Shri Anumod K.K., President, Student Council will felicitate the function. The programme will conclude with cultural programmes by the students and staff.

## डी.एस.टी - इंस्पायर साइंस कैंप



केरल केन्द्रीय विश्वविद्यालय में डी.एस.टी - इंस्पायर साइंस कैंप दिनांक 21 से 26 दिसंबर 2019 को संपन्न हुआ। यह आवासीय विज्ञान शिविर केरल राज्य के ग्यारहवीं कक्षों के विद्यार्थियों के लिए आयोजित किया गया था जिस में केरल भर के 80 स्कूलों से 161 निपुण विद्यार्थियों एवं 10 इंस्पायर पूर्व विद्यार्थियों ने भाग लिया। इस शिविर ने भारत के अनेक उत्कृष्ट वैज्ञानिकों के साथ बात करने और उन के भाषण सुनने के लिए इन विद्यार्थियों को एक अनुपम मंच प्रदान किया।

विशेष रूप से, यह कार्यक्रम आइसर, तिरुवनंतपुरम के प्रो. (डॉ.) सुरेष के दास की उपस्थिति से गरिमामय हो गया जो केएससीएसटीई के भूतपूर्व कार्यकारी उपाध्यक्ष, सीएसआईआर-एनआईआईएसटी के भूतपूर्व निदेशक आदि के रूप में प्रसिद्ध थे और जिन्होंने विद्यार्थियों के साथ अपनी बातचीत के दौरान अपने अनुभवों, चुनौतियों प्रयासों को बांट दिया। शिविर में भारतीय प्रौद्योगिकी संस्थान, मद्रास, भारतीय अंतरिक्ष विज्ञान एवं प्रौद्योगिकी संस्थान, तिरुवनंतपुरम, भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान, तिरुवनंतपुरम, पांडिच्चेरी केन्द्रीय विश्वविद्यालय, पांडिच्चेरी, कोचीन विज्ञान व प्रौद्योगिकी विश्वविद्यालय, कोची, हैदराबाद विश्वविद्यालय, केरल विश्वविद्यालय, केरल वैटिनेरी एण्ड एनिमल साइंस यूनिवर्सिटी एवं केरल केन्द्रीय विश्वविद्यालय जैसे प्रख्यात राष्ट्रीय उच्चतर शिक्षा संस्थानों के वैज्ञानिकों एवं शिक्षाविदों ने भाग लिया था और जिन्होंने अपनी प्रेरणादायक बातचीतों से विद्यार्थियों में वैज्ञानिक अनुसंधान की दिलचस्पी पैदा की। इस पांच दिवसीय कार्यक्रम के दौरान विद्रूज्जनों के

व्याख्यान, उन के साथ इंडोर एवं आउट डोर बातचीत, विभिन्न विषयों पर प्रयोगशाला का अनुभव, प्रदर्शनी आदि से युक्त कुल 21 सत्र शामिल थे। हर

साथ हुई बातचीतों में विद्यार्थियों की सक्रिय एक व्याख्यान के पश्चात् विद्यार्थियों की तरफ से पूछे सहभागिता इंस्पायर इंटर्नशिप कार्यक्रम के उद्देश्यों की गए सवाल, युवा पीढ़ी के मन में निहित वैज्ञानिक सफलता की सबूत है।

## DST-INSPIRE Science Camp

DST-INSPIRE Internship and Science Camp hosted by Central University of Kerala, Kasaragod, was held from 21<sup>st</sup> to 26<sup>th</sup> December 2019. The residential science camp, meant for the best of class XI students all over the state of Kerala, was attended by 161 of the highly talented students and 10 INSPIRE alumni from 80 schools across the state of Kerala. The camp offered them a platform to listen to and interact with several distinguished scientists from across the country.

Significantly, the programme was blessed with the presence of Prof. (Dr.) Suresh K. Das, IISER, Trivandrum, former Executive Vice-President of KSCSTE, former Director of CSIR- NIIST who shared

his experiences, challenges and endeavours with the young minds during his interaction with the participants. The other mentors included a galaxy of 11 scientists and academicians from reputed national institutions such as Indian Institute of Technology, Madras, Indian Institute of Space Science and Technology, Thiruvananthapuram, Indian Institute of Science Education and Research, Thiruvananthapuram, Pondicherry Central University, Pondicherry, Cochin University of Science and Technology, Kochi, University of Hyderabad, University of Kerala, Kerala Veterinary and Animal Sciences University and Central University of Kerala who inculcated the spirit of scientific research to the participants.





through their inspiring interactions. A series of 21 sessions including lectures, indoor and outdoor interaction with mentors and scholars, and laboratory experiments/demonstrations on various disciplines of science were organized during the five days scientific programme

Also special sessions have been arranged for interaction with Hon'ble Vice Chancellor Prof. (Dr) G. Gopa Kumar. Separate sessions were also arranged to meet our CUK faculty from various Science departments. Apart from these, there were open air interactions with Mentors, Teachers, Research Scholars, and Students pursuing science. As a part of the Camp, there were also sessions for "creative thinking for innovative ideas" and a panel discussion on the "Career prospects in Science" with the involvement of participants and the teaching fraternity of CUK. Each day began with a Yoga session of half hour under the co-ordination of Dr. Subramanya Pailoor, Dept. of Yoga, CUK, followed by "Walk with the Scholars". A collection of success stories and scientific videos were also displayed for the students. Discussion with Research Scholars, Christmas celebration and cultural programmes were also included as the evening activities.

The camp made an indelible impression upon the minds of the budding talents of Kerala as the student feedback at the valedictory



function indicated a complete restructuring of the students' attitude towards basic sciences education at the graduation level.

Prof.(Dr.) G. Gopa Kumar, Hon'ble Vice Chancellor of Central University of Kerala opened the camp on 21<sup>st</sup> of December 2019. A formal welcome address was given by Prof (Dr.) Prathapachandra Kurup, Head, Department of Chemistry and Director of Research, Central University of Kerala. The camp motto was introduced by Dr. Sudha K, Programme Co-ordinator of the INSPIRE Science Camp. Dr. M. Muralidharan Nambiar K., Controller of Examinations, Central University of Kerala delivered the presidential address and shared his views on the scientific world. The keynote address was given by Prof.(Dr.) Suresh Das,

IISER, Thiruvananthapuram; while addressing the students, he emphasized that science is the understanding of the structure and function of nature through observations and experiments. The programme was felicitated by Dr. Rajendra Pilankatta, Head, Department of BCMB, CUK who highlighted the significance of research in the field of basic sciences. Dr. Chandan Kumar B., Joint co-ordinator, INSPIRE camp, concluded the programme with the vote of thanks. The official opening ceremony was followed by a well designed and well facilitated mind jogging session by Dr. Efthikar Ahamed B., Assistant Professor, Dept. of English & Comparative Literature, CUK. The session was really motivational and inspiring to the young minds. Itinerary



of the programme and general instructions were briefed to the participants by Dr. Shaini P., Assistant Professor, Dept of Mathematics, CUK.

On the second day, Prof. (Dr.) Suresh Das had an effective interaction with the 161 budding scientists of the INSPIRE Science Camp. He described science as an 'Acquest & adventurous journey towards the unknown", while explaining the evolution of science. Following this, was a talk by Dr. M.R. Sudarsanakumar, Adjunct Faculty from KUFOS, Kochi on "Periodic Table and Story of Elements". He focused on the discovery of various elements in the periodic table with special mentioning to the people and story behind it. The post-lunch session started with a talk on "The Charm of Physics" by Prof. (Dr.) C. Vijayan, IIT, Madras. He introduced physics to the students starting with the forces and the interstellar objects. Prof. Vijayan described the methods of studying the forces of nature and the requirement of further advanced studies to control the forces to our advantage.

The third day of INSPIRE camp began with a lecture on "Micro to Nano: Challenges and Possibilities" by Prof. (Dr.) Kuruvilla Joseph, IIST, Thiruvananthapuram. He emphasized the scientific standards of various National Institutes in India focusing on various courses and their benefits. He concluded the session by foreseeing a future with better-informed, and hopefully more cautious manipulation of engineered nanomaterials, as well as the development of laws and policies for safely managing all aspects of nanomaterial manufacturing, industrial and commercial use, and recycling. After the tea break, Prof. (Dr.) A. Vijayakumar, CUSAT gave a



talk titled "Invisible Mathematics". He explained the culture of asking fundamental questions in science and urged students to develop critical thinking skills to advance science. He instilled a motivation to the students demonstrating the story of the Great Indian mathematician, Srinivasa Ramanujan "The man who knew infinity". In the afternoon session, Prof. (Dr.) M. Jayananda, University of Hyderabad gave a talk on "Sustainability in the context of Global Environmental and Climate change" which focused on the impacts of various man-made activities in the environment. This was followed by the interactive session with Dr. Umesh K. Sharma, DST Scientist-E, INSPIRE Programme Division. Following this, the writing session "Thinking Process on New Innovative Ideas" was conducted. The session was co-ordinated by Dr. V.B. Sameer Kumar, Dr. Sijin Kumar A.V, Dr. Jasmine M. Shah, Dr. K. Sowjanya Sree, Dr. H.P. Gurushankara and Dr. Ramachandran Kotharambath.

The fourth day was devoted to laboratory experiments, conducted in various departments in the university. Thanks to the meticulous preparation and dedicated efforts by

Dr. Sijin Kumar A.V, Dr. Gnanavel Soundararajan, Dr. T.M. Thasleema, Dr. M. Bhagiyalakshmi, Dr. E. Prasad, Dr. V.B. Sameer Kumar, Dr. Jasmine M. Shah, Dr. Ramachandran Kotharambath, Dr. M. Nagarajan, Dr. Sandeep K., Dr. K. Sowjanya Sree and their associates. The students got a real-life experience of various models, demonstrations and experiments. The session was followed by the inspiring interaction with the research scholars from various departments of the Central University of Kerala. The evening sessions of the fourth day were enriched with festive joy and academic flair. The students interacted with our Hon. Vice-Chancellor Prof. (Dr.) G. Gopa Kumar and Mrs. Jayasree Gopa Kumar, who was a teacher and mural artist. Both of them patiently answered the interesting and curious queries of the students. This session was followed by Christmas celebration. Mrs. Jayasree Gopa Kumar, former Principal, St. Paul's Central School gave the Christmas message.

On the 5<sup>th</sup> day, the sessions began with a talk on "What is Biology?" by Prof. (Dr.) K. Muralidhar, University of Hyderabad. He began the talk with a reminder regarding the





importance of the basic science as there is an increase in number of specializations in science. The session was followed by a talk "Career Avenues in Dairy and Food Processing Sector" by Prof. (Dr.) R. Rajendra Kumar, from KVASU, Pookode. Dr. Kumar talked about the processes involved in food processing and dairy research. He also mentioned the scope and opportunities in the field. In the post lunch session, Prof. (Dr.) Anilkumar, VIT, Vellore delivered a talk on "The Unsung Heroes of Science". He gave a brief account of unsung Indian Scientists who have contributed beyond excellence. In the evening there was a session titled "Meet our Vice Chancellor" which gave the participants an opportunity to interact with Prof. (Dr.) G. Gopa Kumar, Hon'ble Vice Chancellor of Central University of Kerala. The students utilized the opportunity effectively by clearing their queries related to various topics. An interactive session with the INSPIRE Alumni and volunteers was also conducted on the day. This was followed by cultural programmes by the participating

students with the co-ordinatorship of INSPIRE Alumni and INSPIRE volunteers.

On the sixth day, the session was initiated by Dr. Klaus J. Appenroth from University of Jena, Germany with a talk on "Duckweed (Lemnaceae) : Model plant system for environmental research". The participants enthusiastically interacted with this international Mentor and enquired about various opportunities in science abroad. Since the maximum visibility of annular solar eclipse that took place on 26<sup>th</sup> December 2019 was in the northern part of Kerala including Kasaragod, arrangements were made for the participants to view the eclipse. Students were provided with solar eclipse goggles. This was followed by a talk on "Exciting Science of Fast Photography" by Dr. Mahesh Hariharan. The talk focused on nanosecond, picosecond and femtosecond spectroscopic measurements to understand some fundamental reactions that are important in chemistry and biology. The last session on "Physics before F=ma" was mentored by Dr. S.V.M. Sathyanarayana of Pondicherry University. Though the session was conducted online, the participants could experience a very lively and vibrant talk which emphasized on the nature of discovery in Physics with some examples. This session was followed by a panel discussion on the career prospects in science with the co-ordinatorship of Dr. Rajaendra Pilankatta, Dr. Sameer Kumar V.B. and Dr. Sijin Kumar A.V. During the discussion the participants effectively interacted with the Mentors including Dr. K. Muralidhar, Dr. G. Anilkumar, Dr. R. Rajendra Kumar,

Dr. Mahesh Hariharan, Dr. K. Nirmala and Dr. P.A. Valsalakumari.

The valedictory function on 26<sup>th</sup> December 2019 was presided over by Prof (Dr) Gopa Kumar, Hon'ble Vice Chancellor, Central University of Kerala. The chief guest of the ceremony was Prof. (Dr) K. Muralidhar, University of Hyderabad. The welcome address was delivered by Dr. Rajendra Pilankatta, Associate Professor in Biochemistry and Molecular Biology. The camp report was presented by Dr. Chandan Kumar B., Joint Co-ordinator, INSPIRE Science camp. Dr. R. Rajendra Kumar, KVASU, Dr. G. Anilkumar, VIT, Vellore, Dr. Mahesh Hariharan, IISER, Thiruvananthapuram, Dr. K. Muralidhar shared their remarks. Mr. K.M .Vijayakrishnan, Principal, Jawahar Navodaya Vidyalaya also addressed the gathering. The ceremony ended with vote of thanks by Dr. Sudha K, Programme Co-ordinator, INSPIRE Science Camp.

It won't be an exaggeration to say that INSPIRE Internship Science Camp met the expectations of everyone. The message that such carefully charted and organized programme gives us is that genuine efforts never fail to pay off dividends. There is no doubt that DST's efforts in developing similar breeding grounds for science education and research throughout the country would pay rich rewards in the days to come.

*'This is a story of team effort and the credit goes to the student volunteers, INSPIRE Alumni, research scholars, faculty members and administrative staff of the University who spent sleepless nights, the mentors who made a lasting impression upon the students, and the overall participation shown by everyone.'*



# University Library

## American Consulate Library Services



Prof (Dr.) G. Gopa Kumar, Vice Chancellor delivering the inaugural address in the workshop on American Consulate Library Services and Fellowship

During this quarter, 1304 books under different disciplines have been added to the University library collections to support the teaching and learning community of the University. The library is subscribing / renewing 35 printed journals and magazines for the different departments. All the books purchased have been classified, catalogued along with bar code labeling and date slip.

## Workshop and Seminar Attended:

**Dr. P. Senthilkumaran**, Deputy Librarian

- Organized One-day hands-on training programme on IEEE/Computer Society Digital Library on 22nd October 2019 for the Research Scholars and students.
- Organized One-day hands-on training programme on IEEE/Computer Society Digital Library organized by University Library, Central University of Kerala on 22nd October 2019 for the Research Scholars and students.
- Organized One Day Demo Session of Sage Research Methods by Sage Publications for the research scholars and faculties of humanities and social sciences held on 8.11.2019 Seminar Hall, Sindhu Block, Central University of Kerala
- Organized One-day workshop on Talk on American Consulate Library Services and Fellowship on 15<sup>th</sup> November 2020 for the Research Scholars and students
- Participated in NDLI UNESCO International Symposium on

Knowledge Engineering for Digital Library Design During 9<sup>th</sup> – 11<sup>th</sup> December 2019 at IIT Delhi.

- Organized Three day National workshop on Open Source Solutions for Libraries: Tools and Techniques on 18-20 December 2019 at Seminar Hall, Sindhu Block, Central University of Kerala.
- Harshitha Gatty, and Senthil kumaran, P, Deputy Librarian has presented a paper on "Indian Journal of Biotechnology: A Bibliometric Appraisal" in Current Technology ad Trends in Libraries" ICSSR held at University Library, Manonmaniam Sundaranar University, Tirunelveli on 5<sup>th</sup> and 6<sup>th</sup> December 2019.
- Prasanth, M.P and Senthilkumaran, P, (2019) published a research paper on "Public Library and Automation a Kerala Model: Online integrated Library Management system using Koha through cloud, *College Libraries*, vol. 34 (2), 28-38 (ISSN 0972 1975)

**Dr. Gireesh Kumar T.K.**, Asst. Librarian

- Presented a paper 'Distinguish Yourself from Someone: Role of Researcher Profiles in the Academic Environment' In the proceedings of TEQIP III Sponsored International Conference on Digital Technologies and Transformation in Academic Libraries (DigiTTAL-2019) organized by Central Library, National Institute of Technology, Karnataka (NITK), during December 26-28, 2019 at NIT Surathkal, Mangalore, Karnataka, Vol. 1 pp.292-301 (ISBN: 978-81-941940-0-2)
- Acted as Convener for the One-day hands-on training programme on IEEE/Computer Society Digital Library organized by University Library, Central University of Kerala on 22nd October 2019.
- Acted as Resource Person for the UGC Sponsored NET JRF Crash Course for the students of the School of Medicine and Public Health,

Central University of Kerala on Information and Communication Technology (ICT) held on 07.11.2019.

- Acted as a convener for the One-day workshop on Talk on American Consulate Library Services and Fellowship on 15<sup>th</sup> November 2020 for the Research Scholars and students.
- Acted as Coordinator for the Demo Session of Sage Research Methods by Sage Publications for the research scholars and faculties of humanities and social sciences held on 8.11.2019 Seminar Hall, Sindhu Block, Central University of Kerala.

## Staff Achievements

- **Ashok Thomas** acted as resource person in the one day training programme on Library Automation using Koha ILMS on 15 the November 2019 organized by Govt. High School Thachangad, Kasaragod.
- Ashok Thomas and Vinod Kumar K. T have presented a paper on "Centralization of Educational Resources in Higher Educational Institutions: an ERP approach for data Management in Libraries" held at CALIBER 2019, KIIT, Bhubaneswar.
- Ashok Thomas, Abdul Jaseem and Sabu acted as Resource Person for Three day National workshop on Open Source Solutions for Libraries: Tools and Techniques on 18-20 December 2019 at Seminar Hall, Sindhu Block, Central University of Kerala.
- Ashok Thomas, Priya, K and Sreeja, K.P (2019) published a research paper on " Application of Google app Scripts in Email for providing current awareness services to research scholars at Central University of Kerala: an evaluative study" *International Journal of Engineering applied Science and Technology*, 4 (6), 313-318 (ISSN 2455-2143).



## NATIONAL SERVICE SCHEME

### ONE WEEK RESIDENTIAL CAMP



NSS unit -2 of CUK conducted the Special Residential Camp at Snehalaya Charitable Trust, Ambalathara, Periya for a period of one week between 9<sup>th</sup> December 2019 to 15<sup>th</sup> December 2019. The theme of the Camp was "Support to Healthy Mind and Healthy Life"

### NATIONAL CONSTITUTION DAY CELEBRATION: Constitution and its Awareness Among School Students

As directed by the NSS Regional Directorate of Kerala, The NSS unit of the CUK celebrated Constitution Day 2019 and Rashtriya Samarasa Divas 2020. In this connection, the volunteers of the NSS Cell Unit-2 of the University celebrated the Constitution Day 2019. The Peace Public School, Kasaragod has agreed and given consent for our celebration. The celebration included awareness about the constitution and its functioning among the school students of Peace Public School, Siribagilu, Kasaragod on 29<sup>th</sup> November 2019.

### Used Pen Collection Drive at Central University of Kerala



The members of the NSS unit 2 hand over the fountain pen to Dr. A. Radhakrishnan Nair, Registrar, CUK

National Service Scheme Unit -2 of Central University of Kerala, in collaboration with Haritha Keralam Mission, Kasaragod initiated a Used Pen Collection Drive on 25<sup>th</sup> September 2019. The drive was inaugurated by the Honourable Vice Chancellor Prof.(Dr.) G. Gopa Kumar and Registrar, Dr. Radhakrishnan Nair. During the occasion, Vice Chancellor underlined the need to fight against the use of ball pens and inculcate the habit of using ink pens and reusable pens. The Registrar observed that every individual in the University should attempt to stop this throw away culture and plastic pollution at one go. The drive continued till 14<sup>th</sup> October, 2019 and all the pens received during this drive were handed over to Haritha Keralam Mission, Kasaragod for recycling. Canara bank has sponsored fountain pens to the donors of the used plastic pens. Dr. S. Anbazhagi Programme Officer of NSS Unit -2, thanked the Project Coordinator Mr. Subramanian of Haritha Keralam Mission, Kasaragod for his guidance. Mrs. Nirupama, Manager, Canara bank, Mr. Abhirajan A.P and Ms. Aswathi A of Haritha Kerala Mission were the special invitees.

### राष्ट्रीय सेवा योजना

#### सप्तदिवसीय आवासीय शिविर

सीयूके के एन.एस.एस एकक-2 द्वारा स्नेहालय चारिटेबिल ट्रस्ट, अम्बलत्तरा, पेरिया में 9 दिसंबर 2019 से 15 दिसंबर

2019 तक एक सप्तदिवसीय आवासीय शिविर आयोजित किया गया। "शिविर का विषय था स्वस्थ मन एवं स्वस्थ जिन्दगी का समर्थन"।

### राष्ट्रीय संविधान दिवस समारोह

स्कूली छात्रों बीच संविधान संबंधी जागरूकता कार्यक्रम

एन.एस.एस क्षेत्रीय निदेशालय, केरल के निदेशानुसार, सीयूके के एन.एस.एस एकक ने संविधान दिवस 2019 और राष्ट्रीय समरसा दिवस 2020 आयोजित किया। इस सिलसिले में, विश्वविद्यालय एन.एस.एस सेल एकक-2 के वॉलंटीयर द्वारा संविधान दिवस 2019 मनाया गया। पीस पब्लिक स्कूल, कासरगोड ने समारोह आयोजित करने के लिए अपनी सहमति प्रकट की। इस समारोह के सिलसिले में 29 नवंबर 2019 को पीस पब्लिक स्कूल, सिरिंगिलु, कासरगोड के स्कूली छात्रों के बीच संविधान एवं उसका कार्य- प्रणाली के बारे में जागरूकता कार्यक्रम भी आयोजित किया गया।

### केरल केंद्रीय विश्वविद्यालय में यूसड पेन कलेक्शन ड्राइव (छद्दादु)

एन.एस.एस एकक-2 के सदस्य, कुलसचिव डॉ. ए. राधाकृष्णन नायर को फाउन्डेन पेन प्रदान करते हैं।

हरित केरल मिशन, कासरगोड के साथ केरल केंद्रीय विश्वविद्यालय के राष्ट्रीय सेवा योजना एकक-2 ने 25 सितंबर 2019 को यूसड पेन कलेक्शन ड्राइव शुरू किया। ड्राइव का उद्योग माननीय कुलपति प्रो. (डॉ) जी. गोपा कुमार और कुलसचिव राधाकृष्णन नायर द्वारा किया गया। इस अवसर पर, कुलपति ने बॉल पेन उपयोगिता के खिलाफ लड़ने की ज़रूरत और इंक पेन तथा पुनःउपयोगी पेन इस्तेमाल करने की आदत को बढ़ाने पर ज़ोर दिया। कुलसचिव ने कहा कि विश्वविद्यालय के प्रत्येक व्यक्ति को थो एवं संस्कृति और प्लास्टिक प्रदूषण को रोकने का प्रयास करना चाहिए। 14 अक्टूबर, 2019 तक ड्राइव ज़ारी रहा और उस दौरान प्राप्त सभी पेन को रीसाइकिलिंग के लिए हरित केरल मिशन, कासरगोड को सौंप दिया गया। यूसड प्लास्टिक पेन दाताओं को कैनरा बैंक द्वारा प्रायोजित फाउन्डेन पेन प्रदान किया गया। डॉ. एन अन्बषगी, कार्यक्रम अधिकारी, एन.एस.एस एकक-2 ने परियोजना समन्वयक श्री. सुब्रमण्यन, हरित केरल मिशन, कासरगोड को उनके दिशा-निर्देशों के लिए धन्यवाद ज़ापित की। श्रीमती. निरुपमा, प्रबंधक, कैनरा बैंक, हरित केरल मिशन के श्री. अभिराजन ए.पी. और कु. अश्वती ए. विशेष आमंत्रित रहे।

# CUK Students Win Prizes at 35<sup>th</sup> South Zone Inter-University Youth Festival



The student team from the Central University of Kerala (CUK) won prizes at the 35<sup>th</sup> Inter-University Youth Festival (South Zone), Alagu Fest 2019 held at Alagappa University, Karaikudi from 18-22 December, 2019, organized under the aegis of Association of Indian Universities (AIU) and Ministry of Youth Affairs and Sports, Government of India. Mr. Kashinath from CUK secured second position in Elocution (Literary events category). The CUK student team also bagged second position in One act play (Theatre event). The winning teams have been selected for National Level competitions. The South zone festival had witnessed participation of students from around 37 Universities in the region. The CUK team was successful in securing the fifth place in Group song (Western), fourth place in Western instrumental (solo), fifth place in Folk dance and fifth place in quiz.

सूयूके छात्रों ने अन्तर-विश्वविद्यालय युवा उत्सव में पुरस्कार जीता

18-22 दिसंबर में अलगप्पा विश्वविद्यालय, करैकुड़ी में भारतीय विश्वविद्यालय संघ और युवा कार्यक्रम एवं खेल मंत्रालय, भारत सरकार द्वारा आयोजित 35-वां अन्तर-विश्वविद्यालय युवा उत्सव (दक्षिण क्षेत्र), अलगु फेस्ट 2019 में केरल केंद्रीय विश्वविद्यालय के छात्रों ने पुरस्कार प्राप्त किया । श्री. काशीनाथ को भाषण प्रतियोगिता में दूसरा स्थान प्राप्त किया । सीयूके छात्रों ने वन-एक्ट-प्ले में दूसरा स्थान हासिल कर लिया । विजेता टीम राष्ट्रीय स्तर की प्रतियोगिता के लिए चुनाया गया है । दक्षिण क्षेत्र उत्सव में इस क्षेत्र के लगभग 37 विश्वविद्यालय के छात्रों ने भाग लिया । सीयूके टीम ने समूह गान (पाश्चात्य) में पांचवां स्थान, पाश्चात्य उपकरण संगीत (एकल) में चौथा स्थान, लोक नृत्य में पांचवां स्थान तथा प्रश्नांतरी में पांचवां स्थान हासिल किया ।





## CENTRE FOR WOMEN'S STUDIES

### PUBLIC LECTURE ON 'YOUTH AND EMOTIONAL WELL BEING'



Centre for Women's Studies, Central University of Kerala organised a Public Lecture on 'Youth and Emotional Well being' on 1st October 2019. Dr. Supriya P, Coordinator of the Centre for Women's Studies delivered the welcome speech. Dr. A Radhakrishnan Nair, Registrar,

Central University of Kerala presided over the function. Dr. C K Sreepriya, Psychiatric Social Worker from Govt. Mental Health Centre, Kozhikode was the resource person.

Dr. C.K Sreepriya emphasised on the necessity of wellness among the youth. The

Youth are in the creative and productive stage of their life. The importance of emotional well being of the youth is to be underscored as it indirectly contributes to the development of the society. Mridul C Mrinal from the Department of English & Comparative Literature, CUK proposed vote of Thanks.

## NATIONAL WORKSHOP ON HUMAN TRAFFICKING : A THREAT TO HUMAN RIGHTS



A National workshop on Human Trafficking was conducted in Central University of Kerala under the Centre for Women's Studies in relation to the Human Rights Day, on 12th December 2019. The workshop was inaugurated by prominent social activist Ms Priti Patkar. The inaugural ceremony was presided over by Prof. Dr M.S John, Chief Vigilance Officer, Central University of Kerala. Dr. Chithra Manisseri, Convener of the National Workshop, welcomed the gathering. Felicitation address was

delivered by Dean of Student's welfare Dr A Manickavelu. Valedictory session was guided by the Advisory Committee member, Dr. Laxmi and Convener Ms Jayalakshmi Rajeev. Students representative Mevise Varghese proposed the vote of thanks.

Ms Priti Patkar, Founder and Director of 'Prerna', an organisation to Protect children vulnerable to commercial sexual exploitation and trafficking, centred in Mumbai, delivered a thought provoking session on "Human Trafficking : A threat to Humanity". With her

experience working in the field, she shed lights on the various aspects of women and child right violation and importance of restoring it. She interacted with students and spoke about the nuances of human rights violations in modern India and how it happens in our everyday life, which we rarely notice.

Cyber forensic consultant Dr. P Vinod Bhattathiripad delivered a session on 'Cyber evidence in trafficking and the existing policies on standard of care of survivors. He discussed the importance of structuring policies, and advised students on making policies which is measurable, and how an accountable authority should be fixed respective to each policies. Continuous monitoring facilitated in rehabilitation of survivors were also discussed. He advised every student to be socially responsible citizens and to act wisely and appropriately when a matter of emergency arises.

## Department of Bio-chemistry and Molecular Biology



Inaugural function of “ 4<sup>th</sup> District conference of SAKSHAMA”

### Dr.Rajendra Pilankatta

- Presided over the inaugural function of “ 4<sup>th</sup> District conference of SAKSHAMA” and delivered a talk on “Divyang and social perception” on 8<sup>th</sup> Dec 2019 at Kanhagad.
- Delivered an invited talk on “Antidengue viral strategies” at National seminar on “Epidemiology of viral diseases” organized by Inter University Center for Genomics and Gene Technology, University of Kerala, Trivandrum on 18<sup>th</sup> Dec 2019.
- Mentored the students in the DST INSPIRE Camp held at Govt Arts College, Udhagamandalam, Tamilnadu on 25.11.2019
- Delivered an invited talk on “Anti-dengue viral strategies: Need of lipidomic approach” at 7th Annual Symposium, Society of Biological Chemists (India)-Coastal Karnataka Chapter on 23.11.2019 at MAHE, Manipal

### Publications in international peer reviewed journals from Dr Rajendra Pilankatta's research group:

- Karayi AK, Basavaraj V, Narahari SR, Aggithaya MG, Ryan TJ, Pilankatta R. Human skin fibrosis: up-regulation of collagen type III gene transcription in the fibrotic skin nodules of lower limb lymphoedema. *Trop Med Int Health.* 2019 Dec 9. doi: 10.1111/tmi.13359. [Epub ahead of print] PubMed PMID: 31816141.

- Manchala NR, Dungdung R, Trivedi P, Unniyampurath U, Pilankatta R. Mycophenolic acid (MPA) modulates host cellular autophagy progression in sub genomic dengue virus-2 replicon cells. *Microb Pathog.* 2019 Dec;137:103762. doi:10.1016/j.micpath.2019.103762. Epub 2019 Sep 24. PubMed PMID: 31560972.
- Bayal M, Janardhanan P, Tom E, Chandran N, Devadathan S, Ranjeet D, Unniyampurath U, Pilankatta R, Nair SS. Cytotoxicity of nanoparticles - Are the size and shape only matters? or the media parameters too?: a study on band engineered ZnS nanoparticles and calculations based on equivolume stress model. *Nanotoxicology.* 2019 Oct;13(8):1005-1020. doi: 10.1080/17435390.2019.160267. Epub 2019 Apr 23. PubMed PMID: 31012782.

### Dr. Aswati R Nair

#### Publications:

1. Dr.R. Aswati Nair, G. Ganapathy, K. Harshitha (2019) Polyphenolic characteristics, antimicrobial and antioxidant activity of *Zingiber neesianum* (Graham) Ramamoorthy rhizomes and identification of volatile metabolites by GC-MS analysis. *Natural Product Research* (<https://doi.org/10.1080/14786419.2019.1677654>)
2. Princy Peter, Dr.R. Aswati Nair\*, Keerthi Divakaran, Ganapathy G (2019) Evaluating type III polyketide synthase (PKS) and terpene synthase (TPS) expression in incompatible interactions of *Zingiber zerumbet* to *Pythium myriotylum* Drechsler. *Archives of Phytopathology and Plant Protection* 52(15-16): 1161-1176

3. Dr. Aswati R. Nair, Geethu Chellapan (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

### Faculty Achievement:

#### Dr. Aswati.R.Nair

- Attended Global Bio-India Summit 2019 (21- 23 November 2019) organized by Department of Biotechnology (DBT) and Biotechnology Industry Research Assistance Council (BIRAC) at Aerocity, New Delhi.
- The BIRAC Compendium 2019 released during the Summit features the Innovation by Dr. R. Aswati Nair under Industrial Biotechnology and supported by BIG-12 grant.

### Student Achievements:

#### Paper presentation

Keerthi D, Harsha K and R. Aswati Nair “New horizons in ginger cultivation: Tapping antagonist(s) against *Pythium myriotylum*” at Plant Bio Pro Tech Symposium (19- 22 November 2019) organized by RIBP/Reims University, France and IAR (French Bioeconomy Cluster) at Marrakesh, Morocco

## Department of Economics

#### NET qualified students:

Priya Mary John, Riya Merin Varghese, Reshma Ann Gigi, Punya Mohanan UK, Sachin Varghese Titty, Dijilesh.K, Ashik Krishnan, Govindaprasad P.K, Amrutha.P and Gosala Manoj of the Department of Economics have qualified the NET in the month of December 2019.



## Department of English

**Dr. Prasad Pannian**, Associate Professor

1. Prasad Pannian delivered an invited Lecture on “ Modernity and the Geological Agency of Humans” in the International Seminar on “The Legacy of the Modern:” Ruptures and Continuities” organised by the PG Department & Research Centre of English, Krishna Menon Memorial Govt. Women's College, Kannur held on 19th & 20th November 2019.
2. Prasad Pannian delivered an invited lecture on “Critical Theory as Creative Practice” in the Faculty Development Programme organised by St. Aloysius College, Mangalore on 14th November 2019.



University on 21.10.2019. Many of the students of CUK participated in the Competition along with the students of other institutions and qualified for the next levels.

He received 1000 fountain pens against “The 1000 Used Ball Pen Collection Drive of NSS Cell” from Ms. Nirupama Shreedhar, the Canara Bank CUK Branch Manager on 04.11.2019, on behalf of the Vice Chancellor and distributed among the CUK fraternity through NSS Unit 2.

He was the Invited Chief Guest of the Induction Programme of Junior

Chamber International (JCI) on 03.12.2019 at Cherupuzha

Dr. Efthikar Ahamed chaired a session in the National Seminar conducted by CUK Malayalam Dept. on 18.12.2019

He delivered the Keynote Address in the National Seminar on Literary Theory conducted on 19.12.2019 by the Dept. of Urdu, Govt. Brennen College, Thalassery.

He attended as a Special Invitee for the Communicative English Training conducted by ASAP, Kerala on 16.01.2020 at SAMETI, Trivandrum.

**Dr. Efthikar Ahamed B., Asst. Professor**

Dr. Efthikar Ahamed B., Asst. Professor, DECL, CUK was the organizer of Mathrbhumi Speak for India 2019 Competition at the

## Department of International Relations: Capital Centre

### Hindi Week Celebrated

The Department of International Relations, Capital Centre, conducted Hindi week Celebrations from 09.12.2019 to 12.12.2019. As part of the celebrations Seminar on Comparative Literature was conducted in addition to Competition for students- (Hindi Calligraphy, Hindi poetry writing, Hindi recitation, Hindi essay writing, Hindi Elocution, Hindi slogan writing etc.). The Inaugural session was presided over by Dr. P.C Prasanna Kumar, Head of the Department , Capital Centre, and Prof. (Dr.) N Raveendranath, former Pro-Vice Chancellor, M.G University, Kottayam inaugurated the programme . Dr. P Sanal Kumar, Faculty in Hindi, Capital

Centre delivered the welcome address.



Valedictory function and Prize distribution -Dr. S.R. Jayasree, (Associate Professor, Department of Hindi, M.G College, Dr. Sanal Kumar, Faculty in Hindi, Capital Centre , CUK.



### Human Rights Day 2019

As part of celebrating the 70<sup>th</sup> year of the Constitution of India and Human Rights Day, a special invited

Lecture was conducted at the Capital Centre. Sri. Vinson M Paul, The Chief Information Commissioner, Govt. of Kerala delivered the keynote address on the topic “Human Rights and Right to Information”. All students and faculty members actively participated in the interactive session also.

### Invited Lecture & Book Release

Sri. Perumbadavam Sreedharan, the famous Malayalam novelist delivered a special invited lecture on 5/12/2019 at Capital Centre. A collection of Malayalam poems titled “Vrundayude Kavithakal” written by Ms. Vrunda Krishnan ( Student S-IV- B.A IR) was released by Sri. Perumbadavam Sreedharan in the function. The function was presided over by Dr. P C Prasanna Kumar, Head of the Department, Dr. Ramesh Kumar, Faculty in Malayalam delivered the welcome address.

## Department of Genomic Science

### International expert talk:

Dept. of Genomic Science organized an international expert talk on 15<sup>th</sup> November, 2019 by hosting Dr. Ayumi Kosaka from Kyoto University. Dr. Ayumi delivered a talk on 'Studies on post-invasive resistance of *Arabidopsis thaliana* against multiple fungal pathogens'. The faculties and students had scientific discussion.



### Demonstration of new sequencing technology:

Dept. of Genomic Science has conducted the demonstration of new sequencing technology (nanopore sequencing) for the student and scholars on 17<sup>th</sup> December 2019. The presentation titled 'Nanopore technology and its application in genomics research' and followed by demonstration of sequencing was done by Dr. Venkatesh Krishnamurthy (Genotypic Tech, Bangalore).



### Dr. M. Nagarajan's Lab:

The effect of domestication on the gut microbiome of wild gaur and domestic mithun

Miss. Vandana R Prabhu, Ph.D student of Dr. M. Nagarajan, Dept of Genomic Science, has analyzed the gut microbiome of wild gaur, captive gaur and mithun (domestic form of gaur) for the first time for her Ph.D thesis work. The study suggests that, domestication can

impact the gut microbiome more severely than captivity which might lead to adverse effects on host health and fitness. The study has been published recently in the internationally reputed journal *Frontiers in Microbiology*.

Both gaur and mithun are of prime conservation concern, because the former is categorized as vulnerable and the latter as endangered in the IUCN red list of threatened species. Although gut microbiome benefits the host in several ways, how anthropogenic forces impact the gut microbiome of mammals is not yet completely known. Recent studies have noted reduced gut microbiome diversity in captive mammals due to changes in diet and living environment. But, no studies have been carried out to understand how gut microbiome of wild mammals responds to domestication due to the non availability of a suitable model system. The present study analyzed the gut microbiome of wild and captive gaur and domestic mithun to understand whether the gut microbiome exhibits sequential changes from wild to captivity and after domestication. Both captive and domestic populations were characterized by reduced microbial diversity and abundance as compared to their wild counterparts. Notably, two beneficial bacterial families *Ruminococcaceae* and *Lachnospiraceae*, which are known to play vital roles in herbivores' digestion, exhibited lower abundance in captive and domestic populations. Consequently, the predicted bacterial functional pathways especially related to metabolism

and immune system showed lower abundance in captive and domestic populations compared to wild population. The study therefore suggests that domestication can impact the gut microbiome more severely than captivity which might lead to adverse effects on host health and fitness. Although this is preliminary, such comparative microbiome studies can provide important suggestions to restore the lost microbiome diversity of captive and domestic species which might have implications for the conservation and management of wild and domestic species.



### Dr. Ranjith Kumavath's lab "Cancer and (Meta) Genomics Laboratory"

Mr. B. Dhanasekhar Reddy, Ph.D. Scholar under the guidance of Dr Ranjith Kumavath, have presented his pre-synopsis presentation entitled "*Anticancer Potential of Cardiac Glycosides and Their role in Molecular Mechanisms and Oncogenic Signaling Pathways in Human Cancer Cells*" in the presence of ARC and all the faculty of the Department/school as well as Dean, SBS on Department of Genomic science. He has been awarded for best oral presentation of his thesis work (2019) in Mar Ivanios College, Thiruvananthapuram.

Mr. Madangchanok Imchen, also presented his pre-synopsis entitled "*Comparative metagenomic studies on prokaryotic community structures, functional complexity and*



antibiotic resistomes in Kerala mangrove sediments" in the presence of ARC and other faculty from department/school and the Dean of SBS. He has focussed his PhD work on understanding the uniqueness of the microbial communities of Kerala and the global mangrove sediments. He has also discovered a putative novel lipase of industrial importance and identified wide prevalence of multidrug resistance, particularly in Kerala mangrove sediments. He has been awarded the best poster presenter in National conference on green, sustainable and ecological sciences (GSES-2019). June 28-29, Cotton University, Assam.



#### Publications:

1. Reddy, D., Kumavath, R., Ghosh, P. and Barh, D., 2019. Lanatoside C Induces G2/M Cell Cycle Arrest and Suppresses Cancer Cell Growth by Attenuating MAPK, Wnt, JAK-STAT, and PI3K/AKT/mTOR Signaling Pathways. *Biomolecules*, 9(12), p.792. [IF-4.7].
2. Reddy, D., Kumavath, R., Tan, T.Z., Ampasala, D.R. and Kumar, A.P., 2019. Peruviside targets apoptosis and autophagy through MAPK Wnt /  $\beta$ -catenin and PI3K/AKT/mTOR signaling pathways in human cancers. *Life Sciences*, p.117147 [IF-3.5].
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7. Imchen, M., Kumavath\*, D.R., Vaz, A., Góes-Neto, A., Barh, D., Ghosh, P., Kozyrovska, N.O., Podolich, O. and Azevedo, V.A.D.C., (2019). 16S rRNA gene amplicon based metagenomic signatures of rhizobiome community in rice field during various growth stages. *Frontiers in Microbiology*, 10, p.2103. [IF 4.259].
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9. Minu M Nair, Jyothsna S, Manickavelu A. The promise of gene editing tool CRISPR/Cas9 in everyday foods. Book chapter in *Mushrooms Rise of research and retreats for humanity* published by Tamil Nadu Agricultural University. 2019.



Prof. (Dr.) G. Gopa Kumar, Vice-chancellor, Central University of Kerala has been selected as the member of Indian National Commission for co-operation with UNESCO.

## चतुर्थ दीक्षांत समारोह

केरल केंद्रीय विश्वविद्यालय के चतुर्थ दीक्षांत समारोह, 2 मार्च 2020 पूर्वाहन 11 बजे तेजस्विनी हिल्स परिसर में आयोजित किया जाएगा। केरल के माननीय राज्यपाल श्री आरिफ मुहम्मद खान मुख्य अतिथि के रूप में भाग लेने तथा दीक्षांत समारोह को संबोधित करने की सहमति दी है। केरल केंद्रीय विश्वविद्यालय के माननीय कुलाधिपति प्रो. एस.वी.शेशगिरी राव समारोह की अध्यक्षता करेंगे।

## 11-वां स्थापना दिवस समारोह

केरल केंद्रीय विश्वविद्यालय के 11-वां स्थापना दिवस समारोह एवं व्याख्यान 2 मार्च 2020 अपराह्न 5.30 बजे तेजस्विनी हिल्स परिसर, पेरिया, कासरगोड में आयोजित किया जाएगा। श्री. जी.माधवन नायर, भूतपूर्व अध्यक्ष, भारत अंतरिक्ष अनुसंधान संगठन एवं सचिव, भारत सरकार कार्यक्रम में मुख्य अतिथि के रूप में भाग लेने के लिए सहमति दी है। श्री. जी. माधवन नायर, 11-वां स्थापना दिवस व्याख्यान प्रस्तुत करेंगे। प्रो. (डॉ.) जी. गोप कुमार, माननीय कुलाधिपति, केरल केंद्रीय विश्वविद्यालय समारोह की अध्यक्षता करेंगे। प्रो. (डॉ.) के. जयप्रसाद, सम-कुलाधिपति स्वागत भाषण करेंगे तथा डॉ.ए. राधाकृष्णन नायर, कुलसचिव कृतज्ञता ज्ञापित करेंगे। श्री. अनुमोद के.के., अध्यक्ष, छात्र परिषद आशीर्वाद भाषण देंगे। छात्र एवं कर्मचारियों के सांस्कृतिक कार्यक्रम के साथ कार्यक्रम समाप्त हो जाएगा।



## हिंदी विभाग

केरल केंद्रीय विश्वविद्यालय के हिंदी और तुलनात्मक साहित्य विभाग की पहल में दो सेमेस्टर (Two semester) के अंतर्गत दो प्रमुख डिप्लोमा पाठ्यक्रम स्नातकोत्तर डिप्लोमा हिंदी जनसंचार माध्यम और मीडिया लेखन (P.G.Diploma in Hindi Mass Communication & Media writing) और स्नातकोत्तर डिप्लोमा हिंदी अनुवाद और कार्यालयीन कार्य पद्धति (P.G.Diploma in Hindi Translation & Office Procedure) का उद्घाटन 14 अक्टूबर 2019 को सफलतापूर्वक संपन्न किया गया। इस अवसर पर जनम टी.वी.के कार्यक्रम समन्वयक श्री.टी.जी.मोहनदास उपस्थित होकर वर्तमान समय में जनसंचार माध्यम और अनुवाद की भूमिका पर विस्तार से वक्तव्य देते हुए विभिन्न पक्षों से हमारे छात्र छात्रों को अवगत कराया। जिसके संयोजक डॉ.सुप्रिया पी. और डॉ.रामबिनोद रे रहे हैं।



हिंदी और तुलनात्मक साहित्य विभाग द्वारा विश्व हिंदी दिवस पर शोध मंच और हिंदी परिषद् के तत्वधान पर 10 जनवरी 2020 को वैश्विक स्तर पर हिंदी विषय पर विचार गोष्ठी का आयोजन किया गया जिसमें मुख्य अतिथि के स्थ में अंग्रेजी और तुलनात्मक साहित्य विभाग के विभागाध्यक्ष डॉ. जोशफ़ कोइपल्ली ने वैश्विक स्तर पर हिंदी की स्थिति से हमारे छात्रों को अवगत कराया।



**डॉ. सीमा चन्द्रन**  
Dr. Seema Chandran  
विश्वविद्यालय अनुदान आयोग द्वारा  
अनुदानित कोर्स की भागीदारी  
**UGC sponsored Course attended**  
शोधप्रविधि पर विश्वविद्यालय अनुदान आयोग के मानव संसाधन विकास केन्द्र, अकादमिक स्टाफ कॉलेज, यूनिवर्सिटी ऑफ

नोर्थ बंगाल द्वारा आयोजित शोर्ट टर्म कोर्स में 17 दिसंबर 2019 से 23 दिसंबर 2019 तक सफलता पूर्वक भाग लिया। तात्कालिक डायरेक्टर प्रो. (डॉ.) चक्रवर्ती हैं और प्रो. (डॉ.) मनोरंजन सिन्हा तात्कालिक डेप्यूटी डायरेक्टर रहे।

UGC Sponsored SHORT TERM COURSE in RESEARCH METHODOLOGY from ASC, Human Resource Development Centre University of North Bengal Accredited by NAAC with Grade A, Raja Rammohunpur, Darjeeling Commenced on 17/12/2019 and Completed Successfully on 23/12/2019, Prof. (Dr.) Chakraborty was the Honorary Director, Prof. (Dr.) Manoranjan Singha Honorary Deputy Director and Dr. Dahlia Bhattacharya Honorary Assistant Director.

## संगोष्ठी/SEMINAR

### अंतर्राष्ट्रीय/International

एक दिवसीय बहुभाषीय अंतर्राष्ट्रीय संगोष्ठी में बतौर विशेषज्ञ भाग लिया और उत्तराध्युनिकता और बहुसंस्कृतिवादपर विशेष व्याख्यान दिया। यह आयोजन मिलेंप्रेस कॉलेज के भाषाई विभागों, आई क्यू ए सी द्वारा हिन्दी, कन्नड़ व हिन्दी के अध्यापक संघ और कोकिणी अध्ययन पीठ के तत्वावधान में बहुभाषिकता भाषा और साहित्य में विषय पर 10 फरवरी को आयोजित हुआ।

Invited as a Resource person in the One Day Multilingual International Conference, Organised by Milegres college Dept. of Languages IQAC in collaboration with Mangalore University English (AET), Kannada(VIKAS), Hindi(VIHAS) Teachers Association and Konkani Adhyayana Peeta, Bhasha Sangam 2020 on 10<sup>th</sup> February 2020 on the Topic Multiculturalism in Language & Literature and delivered speech on “Postmodernism and Multiculturalism”.

### आमंत्रित व्याख्यान / Invited Lecture

1. दक्षिण भारत हिन्दी प्रचार सभा, स्नातकोत्तर केन्द्र नीलेश्वरम् में 6 व 7 दिसंबर 2019 को स्नातकोत्तर व एम.फिल छात्रों के लिए विशेष व्याख्यान दिया।

Delivered an Invited talk and took

class for M.Phil and PG students in the lecture series at Dakshin Bharat Hindi Prachar Sabha, P.G Kendra Neeleshwaram on 06<sup>th</sup> and 07<sup>th</sup> December 2019.

## बाह्य मूल्यांकनकर्ता/ External Evaluator

1. इन्नु कलूर के एम.एच डी 10 व 11 का मूल्यांकन दिसंबर माह 2019 को संपन्न किया।

Acted as a Evaluator of Answer Scripts of IGNOU, Kaloor of Course Code MHD-10, Lot No. MHD-11 December 2019.

2. मूल्यांकन कैम्प कण्णूर विश्वविद्यालय, नीलेश्वरम् में 5 नवम्बर माह 2019 को भाग लिया। चेयरमैन डॉ. कुमारन् जी थे।

Appointed as an Evaluator for I & III semester MA Hindi Degree (CCSS-Regular Examinations) in the centralized valuation camp of Kannur University, Neeleshwaram Campus of on 05<sup>th</sup> Nov 2019. Dr. C Kumaran was the Course Director and Chairman of BoE.

## पुरस्कार/Awards

1. ग्लोबल मैनेजमेंट, अहमदाबाद द्वारा 26 जनवरी 2019 को राष्ट्रीय पुरस्कार आदर्श विद्या सरस्वतीप्राप्त हुआ।

Awarded “Adarsh Vidya Saraswati Rashtriya Puraskar” by Global Management Council, Ahmedabad on 26<sup>th</sup> Jan 2019.

2. स्वर्ण भारत परिवार, नेक्सस्ट जेन, दिल्ली व दिशा फाउण्डेशन द्वारा दिसंबर 2019 को साहित्य गौरवराष्ट्रीय पुरस्कार प्राप्त हुआ।

Awarded “Sahithya Gaurav” Puraskar by Swarn Bharat Parivaar, Next Gen Award Dec 2019-2020 Delhi and Disha Foundation.

3. विश्व शांति मानव सेवा रत्न पुरस्कार यादों की लकड़ी नामक मौलिक संस्मरण के लिए विश्व शांति मानव सेवा समिति (राजस्थान), आगरा द्वारा प्राप्त हुआ।

Awarded as Vishwa Shanti Manav Seva Ratna For Writing Skill in Hindi on the Occasion of Vishwa Shanti Manav Seva Samiti



(Rajasthan) Reg: AGR/08042  
2018 / 2019 Magazine  
inauguration on 20/01/2020,  
Agra for the Memoire 'Yadom ki  
Lakeerein' written in Hindi.

### Dr.Ram Binod Ray

डॉ.राम बिनोद रे

डॉ.राम बिनोद रे ने डॉ.बी.आर.अम्बेडकर मेमोरियल गवर्मेंट आर्ट्स साइंस महाविद्यालय में आयोजित 13,14,15 दिसम्बर 2019 को 'तीनदिवसीय राष्ट्रीय संगोष्ठी Higher Education in India in the Neo-Liberal Policy Regime : Concerns and Opportunities' में मुख्य वक्ता के रूप में भाषा और अर्थव्यवस्था का अंतर्संबंध विषय पर प्रपत्र प्रस्तुत किया ।



1. डॉ.राम बिनोद रे ने कालोकट विश्वविद्यालय में आयोजित 16,17 दिसम्बर 2019 को दोदिवसीय राष्ट्रीय संगोष्ठी हिन्दी निबंध वैचारिक परिष्रेक्ष्य में वक्ता के रूप में अज्ञेय का सृजन संघर्ष और थिर गई पत्ती सी विषय पर प्रपत्र प्रस्तुत किया ।
2. डॉ. राम बिनोद रे ने दक्षिण भारत हिन्दी प्रचार सभा पी.जी.केन्द्र, नीलेश्वरम में आयोजित 6 और 7 दिसंबर 2019 को दो-दिवसीय एम.ए और एम.फिल हिन्दी व्याख्यान माला में विषय विशेषज्ञ के रूप में व्याख्यान प्रस्तुत किया ।

डॉ. सुप्रिया.पी, सहायक आचार्य/Dr. Supriya P, Assistant Professor

### PUBLICATIONS :

#### BOOK :



**Hindi Ke Sahityetar Sandarbh**, 2019 Published by Jawahar Pustakalaya, Mathura, UP (ISBN No. 978 81 933648 0 2)

**ABOUT THE BOOK :** The development of Hindi language in areas other than literature is significant today. This text 'HINDI KE SAHITYETAR SANDARBH' is a new attempt in itself. Hindi is making tremendous progress in the fields of Bank, Trade, Mass Communication, Information Technology, Law & Administration, Journalism, Advertising, New Electronic Media, World Market, Tourism, Scientific and Technical areas. The challenges and practical problems in the usage of Hindi language are discussed in the articles collected in the book. Translation plays a role in these diverse areas as a link. The development of Hindi is possible through the use and progress of Hindi in these areas.

हिन्दी के साहित्येतर सन्दर्भ, संपादक डॉ. सुप्रिया पी, जवाहर पुस्तकालय, मथुरा, उत्तरप्रदेश (ISBN No. 978 81 933648 0 2)

यह एक अनोखा संदर्भ ग्रन्थ है। सृजनात्मक साहित्य से अतिरिक्त हिन्दी का प्रयोग अन्यान्य क्षेत्रों में आज प्रगामी ढंग से आगे बढ़ रहा है। इसकी परख अपने आप में एक नई विधा है। बैंक, व्यापार, संचार माध्यम, सूचना प्रौद्योगिकी, प्रशासन, विधि, कोश निर्माण, पत्रकारिता, सिनेमा, विज्ञापन, नव इलेक्ट्रॉनिक माध्यम, विश्व बाजार, पर्यटन, वैज्ञानिक एवं तकनीकी आदि ऐसे क्षेत्र हैं। हिन्दी भाषा प्रयोग की चुनौतियों और व्यावहारिक समस्याओं पर पुस्तक में संकलित लेखों में चर्चा की गयी हैं। अनुवाद एक कड़ी बनकर इन विविध क्षेत्रों में अपनी भूमिका अदा करता है। इन क्षेत्रों में हिन्दी के प्रयोग और प्रगति से ही हिन्दी भाषा का विकास संभव है। अपने अपने कार्यक्षेत्र के दिग्गज विद्वान अपने विचार यहाँ बांटते हैं। यह ग्रन्थ इस बात का साक्षी है कि इन साहित्येतर विषयों को चुगाने की क्षमता हिन्दी सभी चिड़ियाँ में है। यह हिन्दी के सशक्तिकरण का पृष्ठ प्रमाण है।

### FELICITATION TO GANDHI DARSHAN YATRA TEAM MEMBERS



The University felicitated the team members of the 6 days Gadhi Darshan Yatra organized under the auspices of the NSS Cell. 50 NSS volunteers participated in the Yatra organized in connection with the 150th birth anniversary of Mahatma Gandhi. Hon'ble Vice-chancellor, Prof. (Dr.)

G. Gopa Kumar and the Registrar Dr.A.Radhakrishnan Nair felicitated the function. Dr.Efthikar Ahmed, NSS Cell Co-ordinator & the Captain of the Yatra, volunteers Ms.Jumana, Ms.Anjana, Ms. Kalyani and Mr.Ajmal were honored in the felicitation ceremony. They were presented with the copies of the autobiography of Mahatma, "My Experiments with Truth" as well as certificates. Dr.A. Manickavelu, Dean of Students Welfare and Dr.Sowjanya Sree also attended the function.

# Department of Mathematics

## Papers published.

### Dr. K. A. Germina:

- a. N. K. Sudev and K. A. Germina, (2019), Sparing Number of Certain Graph powers, *Acta Universitatis Sapientiae, Mathematica*, 11(1) 1-17
- b. K.A. Germina, Gency Joseph, L. Benedict Michael Raj, (2019), Characterization of span of base B-induced 1-uniform dcsl graphs, *International Journal of Applied Mathematics*, Volume 32 No. 1, 51-58

Special Session on Algebraic Combinatorics on the occasion of the 75th Birthday of Professor Thomas Zaslavsky, a special session as part of the AMS Fall Eastern Section Meeting during October 12-13, 2019 to be held at Binghamton University, Binghamton, NY. USA



Invite talk at St. Joseph's College Trichy during 27-30 November 2019

### Dr. V. Vilfred

1. Invited talk at Muslim Arts College, Thruvithancode, Tamil Nadu, during 16-12 2019
2. Invite talk at VVV VAniaperumal college for Women, Virudhanagar, Tamil Nadu during 13-12-2019

### Dr. Shaini P

Two Research Scholars submitted their Ph. D thesis under the Supervision of Dr. Shaini P.

### Dr. Ali Akbar K.

1. Participated as a resource person, and delivered talks in the National Seminar on Topological and its applications at Dept. of Mathematics, KKT M Govt. College, Kodungallur, Thrissur, 19-20 December 2019.

2. Participated as a resource person, and delivered talks in the Mathematics Training Program at Dept. of Mathematics, Government College, Malayankelam, Trivandrum, 12 Dec 2019.

3. Participated as a resource person, and delivered a talk in the Refresher Course at Academic

Staff College, University of Calicut, Kerala, 11 Dec 2019.

4. Participated as a resource person, and delivered a talk in the National Seminar on Topological Structure at Dept. of Mathematics, PTM Goverment College, Perinthalmanna, November 2019.
5. Participated as a resource person, and delivered talks in the Four Day Foundation School at Dept. of Mathematics, Goverment College Kasaragod, November 2019.

### Dr. Gnanavel S

1. Participated and presented a paper entitled " A parabolic system of  $p(x)$ -biharmonic type equations: Existence and blow up of solutions" in an International Conference in Conjunction with 15th Biennial Conference of ISIAM (ISIAM 2019) held at Bharathiar University, Coimbatore Tamil Nadu during December 05-07, 2019.

2. Organised two week long residential workshop entitled "Advanced Workshop on Partial Differential Equations and Applications (AWPDE 2019)" at Department of Mathematics, Central University of Kerala during December 16-30, 2019 Sponsored by National Board of Higher Mathematics (NBHM) - Department of Atomic Energy (DAE), Government of India.



### Dr. Manikandan R.

1. Dr. Manikandan Rangaswamy has been selected for the Refresher Course on Mathematical Sciences held at UGC-HRDC, University

## Research Scholars

Soorya P., and K. A. Germina, Vertex (n,k)-Choosability Of Graphs, *Italian Journal Of Pure and Applied Mathematics*, to appear

## Invited Talk

### Dr. K. A. Germina

Delivered an invited talk at



of Calicut during December 9<sup>th</sup>, 2019 to December 21<sup>st</sup>, 2019. He successfully completed the refresher course (with grade A+).

2. Dr. Manikandan Rangaswamy has been selected for the five day Workshop on Artificial Intelligence held at Department of Computer Sciences, Central University of Kerala during 30<sup>th</sup> September 2019 to 4<sup>th</sup> October 2019.

#### Research Scholars: Attended Conference/Summer School

1. Sreya V., National workshop and seminar on functional analysis and applications at SB College, Changanassery during December 2-6, 2019
2. Sreya V., Advanced workshop on partial Differential equations and applications at central university of Kerala during 16th to 30th December 2019
3. Soorya P, Presented paper at National Seminar on Discrete and Fuzzy Mathematics held at Krishna Menon Memorial Government Women's College, Kannur during 12 - 13 Nov 2019.
4. Shijin T V, Presented paper in the National Seminar on Discrete and Fuzzy Mathematics held at Krishna Menon Memorial Government Women's College, Kannur during 12 - 13 Nov 2019.
5. Roshni T Roy, Presented paper National Seminar on Discrete and Fuzzy Mathematics held at Krishna Menon Memorial Government Women's College, Kannur during 12 - 13 Nov 2019.

#### Mathematics Colloquium (MCCUK)

The Mathematics Colloquium-CUK (MCCUK) initiated by the Department of Mathematics is an ongoing seminar series that features speakers from other institutes/universities and from our department. The programme was

inaugurated by Prof. K. Jayaprasad, Pro-Vice Chancellor, CUK dated on September, 2019 followed by that the first lecture was delivered by Professor B. R. Shankar, NIT, Karnataka, Surathkal. The main objective of MCCUK is to fostering continued discussion and networking in the various areas of mathematics. The purpose is also to bring experts in various fields of mathematics, to promote the exchange of ideas and discuss their latest research contributions and achievements through special lectures. Thus the topics will cover all areas of mathematics and an interesting mix of topics ranging from very applied to more abstract in nature. These lectures are open to all students and faculties of CUK.

**Coordinators of MCCUK:**  
Manikandan Rangaswamy and Gnanavel Soundararajan

**The details of the talks during from October 2019 to December 2019 are given as follows:**

**Title:** Topics in Spectral Theory  
**Speaker:** Prof. V. Krishnakumar, KSCSTE-KSOM

**When:** Tuesday, November 13, 2019

- 9:00 am

**Where:** Room 21 of Teaching Block -I

**Title:** Countability of the Rationals

**Speaker:** Dr. Mailattu Kunhanandan, Goa University

**When:** Tuesday, November 12, 2019

- 2:00 pm

**Where:** Room 21 of Teaching Block -I

**Title:** A Quick Introduction to Orthonormal Basis

**Speaker:** Dr. Kiran Kumar V B, CUSAT

**When:** Monday, October 28, 2019 - 11:30 am

**Where:** Room 21 of Teaching Block -I

**Title:** A Passage to Harmonic Analysis from Madhava Series

**Speaker:** Dr. Easwaran Nambudiri T.C., GBC

**When:** Thursday, October 17, 2019 - 02:00 pm

**Where:** Room 21 of Teaching Block -I

**Title:** Notion of Structural Balance in a Signed Network

**Speaker:** Dr. Germina K. A., CUK

**When:** Thursday, October 1, 2019 - 4:10 pm

## MOOC-ARPIT- 2019



Official launching of MOOC-ARPIT- 2019 "CURRICULUM PEDAGOGY AND EVALUATION FOR HIGHER EDUCATION" by National Resource Centre -PMMMNMTT, School of Education, Central University of Kerala was held on 03 .10 2019 at 3 pm. at Seminar Hall, Sindhu Block. Honorable Vice-Chancellor Prof. (Dr.) G.Gopa Kumar inaugurated the programme. Dr.A.Radhakrishnan Nair, Registrar, Prof.K.P.Suresh, Dean, SoE, Prof. Amruth G Kumar, Head, Department of Education and Prof. M.N.Mohamedunni Alias Musthafa, Co-ordinator, National Resource Centre attended the launching ceremony.

## Department of Social Work

### Paper Published

Nair, I. & Mohan A. K. (2019). Human Rights in Golden Age. In Laxmi and A. K. Mohan(Eds). Active Ageing: Dynamics in the Post Modern Era. (pp.69-78). India: Today & Tomorrow's Printers and Publishers.

Choolayil, A. C., & Laxmi (2019). Towards a Pro-Elderly Social Work Curricula in Laxmi and Mohan, A. K. (Eds.), Active Ageing: Dynamics in the Post Modern Era. (pp. 59-68). New Delhi: Today and Tomorrow's Printers and Publishers.

John, A., & Laxmi. (2019). Representation of elderly tribe in UGC approved journals in India. In Laxmi and A. K. Mohan (Eds), Active Ageing: Dynamics in the postmodern era ( pp.79-87 ). India: Today & Tomorrow's Printers and Publishers

Jayachandran & Laxmi. (2019). Aging and Diabetes Population in India. In Laxmi and A. K. Mohan (Eds). Active Ageing: Dynamics in the Post Modern Era. (pp.69-78). India: Today & Tomorrow's Printers and Publishers.

R a n e e s h . , & M o h a n . (2019).Sevabharathi as the founding stone of Indic Social Work: An Archetype from Kerala. In B. M. Dash., Ramesh., Parashurama., M. Kumar(Eds.), New Frontiers in Social Work Practice: Bharatiya Contexts, Perspectives & Experiences (pp. 72-82). Tumakuru, India: Tumkur University.

Swasthik, A. S., & Laxmi (2019). Reappraising the life of Koraga elderly in light of disengagement theory of ageing. In Laxmi and Mohan, A. K. (Eds.), Active Ageing: Dynamics in the Post Modern Era. (pp. 187-194). New

## Heart-felt Condolences



When a friend is going through grief, it can be as though you are experiencing the same grief with them. A good heart has stopped beating, a good soul ascended to heaven. We part with our beloved Ms. Aswathi. P on 23rd January 2020.

Ms. Aswathi.P, the beloved daughter, of Mr. Ramunhi. P and Mrs. Devaki B was a very dedicated and determined student in the department, who despite her health issues showcased the passion and interest for higher education with utmost sincerity. She completed her Schooling in Govt. Higher Secondary School Bandadka and is a B. Com Graduate from People's Arts and Science College, Munnad. She was also an affectionate sister and an irreplaceable friend. Though she had several objections from her family due to her poor health, it was her self determination and perseverance which took her forward.

Grief can be so hard but our special memories help us to cope. In the remembrance of Ms. Aswathi. P and her loved ones always and forever.

Delhi: Today and Tomorrow's Printers and Publishers.

'Productivity', Vol 60, Issue No.3, pp 292-302.

Swasthik, A. S., & Laxmi (2019). Koragas : For upholding indigenous tradition against the modern trends. In U. P. Popli, & A. K. Singh(Eds.), Indigenising Social Work Practice in India (pp. 122-132). India: Bloomsbury

Samseer, R. H., & Beegom, B. (2019). Ethnohistory is a Conjunctive Approach in New Archaeology: A Dialogue with the Annales School. In Human and Heritage: An Archaeological Spectrum of Asiatic Countries (1st ed., Vol. 1, pp. 7077). Delhi: NEW B H A R A T I Y A B O O K CORPORATION.

Dilip Diwakar (2019) "Social Inclusiveness of National Food Security Bill: Issues and Concerns" in the journal

### Paper Presentation

Indu Nair V. Social Care and Well Being for Adolescent Girls: Need of the Hour. 7th Indian Social Work Congress, University of Lucknow in Collaboration with NAPSWI. 11th October 2019 to 13th October 2019.

Students Participation at National Level (Sports, Curricular, Co-Curricular)

Social work student's forum:

➤ Students Forum screened a documentary, Aghanashini and Her Children followed with a talk by Dr. Mohan A K on 19/09/2019

➤ Students Forum conducted a Poster Designing competition on the topic 'Climate Change.' on



10/10/2019 and best posters are awarded prizes

- Social work student forum organized an event "Chat with Adam Harry; first Transmen Pilot" on 24/10/2019 Registrar Dr. Radhakrishna Nair inaugurated the program. Around 200 students participated and interacted with Adam Harry.
- On 05/12/2019 Observed International Volunteer Day and painted with art at the Bus stop in front of the main gate of the university.
- On 19/12/2019 screened an award-winning documentary Pullanji- a story of Koraga life which was followed by a discussion
- Students Forum screened a documentary on the Alappad Mining Issue followed by a discussion on 09/01/2020 headed by the students who visited the place.
- Students Forum 16/01/2020 conducted a session on palliative care lead by Mr. Ajay Kumar (IAPC Kerala Executive member)
- Inauguration of the NET coaching class on 31/01/2020 By Prof. love Lena Little Flower F X, head Department of Social Work, Bharathiar University Coimbatore, Tamil Nadu
- On 06/02/2020 conducted an awareness program on the Corona Virus. Dr. Arathi S Nair addressed the student community. Department of Social Work and Social Work Student Forum honored Mr. Srihari E for his new carrier in CUK

**Book Release:** Honorable vice-chancellor Prof (Dr.) Gopu Kumar released the book 'Active Ageing: Dynamics in the Post Modern Era' edited by Dr. Laxmi and Dr. Mohan AK published by Today and Tomorrow publication, New Delhi on 17th October 2019. Dr. Koyippally

commented on the book on this occasion. On the same day, the department observed the world Alzheimer'day and organized the talk on Alzheimer's desire through the center of gerontology. Mr. MR. PRASAD. GOPAL, Consultant, Dementia Project addresses the on the topic of 'Ageing and Alzheimer's Disease'.

The conferences, workshops, and meetings attended by the students of the Department of Social Work are as follows:

- One-day National Conference on People Management Issues and Concerns at Roshni Nilaya, Mangalore
- A one-day workshop on Communication for Development organized by CPCRC
- The 4th Kerala Social Work Students' Congress at BCM college Kottayam, Kerala
- National Conference on Human Trafficking, at Roshni Nilaya, Mangalore.
- Bharathion 2019 National Conference on Green Social Work: Emerging Trends and Perspectives held on 18th and 19th December 2019 at Bharata Mata College, Thrikkakara, Kochi.
- Albertian Knowledge Summit: An International Conference on Multidisciplinary Research Organized by the St. Albert's College (Autonomous), Ernakulam on 11th January 2020
- 17th Samanwaya International Conference on Child Abuse: A Revisit to Family Problem antique & Interventions held on 24th and 25th Jan 2020 at BCM College, Kottayam.
- Berch Umanitario 2020, the National Conference and Social Work Students meet at SB College, Kottayam.
- Akhila K P attended Nirbhaya Day observation, One Day workshop, organized by the Department of Child and Family Welfare on 29th December 2019.

**The prizes, awards, and achievements of the students are as follows:**

- Dress bank, Sadayam, opened at Kasaragod General Hospital with the efforts of Second-year students
- At the 4th Kerala Social Work Students' Congress, Ajmal and Akhila won the Second prize for Quiz competition. Also, Ajmal won the first prize for photography competition and Akhila is selected as the president of KAPS(Kerala Association Of Professional Social Work) Student Association
- Mohammed Ashiq, Suhana R H, and Vivek were part of the University Drama Team which bagged second prize at South Zone competition and also Secured the Second position at the National University fest 2020 held at Amity University, Delhi.
- Akhila V R becomes a Resource Person in 17th Samanwaya International Conference on Child Abuse: A Revisit to Family Problematique & Interventions held on 24th and 25th Jan 2020 at BCM College, Kottayam.
- Albin Thomas won the first prize for Extempore at the 17th Samanwaya International Conference
- Praveen and Durgam Roja bagged the first prize for Quiz Competition held at SB college and the team become the Overall Second Runner up.
- Akhila V R & Suhana R H of 2nd Semester represented as a panel member for the group discussion held in Albertian Knowledge Summit: An International Conference on Multidisciplinary Research Organized by the St.

Albert's College (Autonomous), Ernakulam on 11th January 2020.

#### Resource person:

➤ Dr Mohan. A K worked as symposium resource person in plenary session titled “Community Service Learning as Tool for Transformative Competencies” in International conference on life skills education on 1st-3rd November, 2019, at S-Vyasa Deemed to be University, Bengaluru organised by Indian Association for Life Skills Education.

#### Other Activities/Engagement

- Dr.Jilly John Coordinated 7 days Rural Tribal Camp for MSW 2019-21 Batch at Malekkudiya Tribal Community, Kammadi, Panathur, Kasaragod from October 11th to 17th 2019.
- One-day Workshop on prevention of Drug and Substance Abuse at Government College, Kasaragod, One day Workshop on Prevention of Drug and Substance Abuse was organized by Dr. Mohan A.K. with assistance from National Institute of Social Defence

(NISD), at Government College, Kasaragod LBS College of Engineering, Kasaragod and College of Agricultural, Padannakkad, Kasaragod on 15th, 16th and 23rd October 2019 around 450 students benefited from the program. Pro vice-chancellor Prof. Jayaprasad, Dr. Radhakrishna Nair and Dr. Muralidaran Nambiar acted as the inaugurator of the program. Several resource as a resource persons shared their knowledge with the students.

## CHAT WITH ADAM HARRY



The Department of Social Work, CUK conducted a programme, 'Chat with Adam Harry' on 24th October 2019. Adam Harry is the first trasman pilot in India. Registrar Dr. A. Radhakrishnan Nair inaugurated the programme. Dr.A.K.Mohan, Head, Department of Social Work presided over the function and Dr.Laxmi felicitated the program. Adam Harry interacted with the students and faculty members in the programme.

## Constitution and Democracy: 70 years of Indian Experience

### Two day National Conference



Sri. T. P. Senkumar interacts with the students

A two day national conference on “Constitution and Democracy: 70 years of Indian Experience” was organized in Central University of Kerala under the joint auspices of the Department of International Relations and the Department of Public Administration & Policy Studies from 26th to 27th November 2019. The conference was inaugurated by Prof. (Dr.) G.Gopa Kumar, Vice-chancellor, CUK. The inaugural session was presided over by Prof.(Dr.) K.Jayaprasad, Pro-vice Chancellor. Prof. R.L.M. Patil, former Head, Department of Political Science, Bangalore

University delivered the Key-note address. Adv. T.G.Mohandas delivered lecture on 'Secular Sovereign Socialist Republic'. Dr.M.R.Biju, Head, Department of Public Administration & Policy Studies and Dr.Lal Ji Pal felicitated the function. On 27th November 2019, Shri.T.P.Senkumar, former DGP, Kerala delivered the lecture in the conference. Shri.Jacob Thomas, Prof.K.Jayaprasad, Prof. M.S.John and Shri. G.K. Suresh Babu also presented papers in the national conference.



Sri. Jacob Thomas delivers lecture



# Department of Tourism Studies

## Departmental activities

1. Board of Studies meeting of Department of Tourism Studies was held on 8 November 2019 to revise the syllabus
2. Three one day destination visits were organised to give students practical exposure on destination planning and management  
14 October -Uduppi, St. Mary's Island
3. 4 November Bakal Responsible Tourism Sites  
12 Nov Kannur heritage destinations
6. Guest Lecture and skill development series were organised between October to December 2019. The guest speakers were,

Dr. Binoy.T.A, Kuvempu University, Dr. Dileep.M.R, PRC, Calicut University, Dr. Sherry Abraham, Pondicherry University, Dr. Toney . K. Thomas, MG University, Prof. Sampad Kumar Swain, Pondicherry University

## Student Achievements

1. Mr. Jithin and Mr. Anoop (1st Year) participated and Won the title in *Inter-School Football Championship* and secured a place in the University team for *South Zone Inter University Football Tournament* held in Tamil Nadu.
2. Five students in the Department have participated in the *International Ayurveda Ambassador Tour & B2B Meet* conducted by Bekal Resorts Development Corporation Ltd. in Bekal.
3. Department team has participated for *Management Fest* conducted by Department of Management Studies and Ms. Resha Basheer (1st Year) grabbed second prize in 'Just a Minute' competition.

4. Ms Krishna (1st Year) won a 'Guinness World Record' for *Ekathmagam Mega Mobiniyattam* held in Thrissur.
5. Nine students from the department have participated for *Management Fest* held at Institute of Technology Mayyil and won *Third Prize* in Top Management Team competition.
6. Two teams from the department has participated in the *Treasure Hunt Competition* held under the label of *Project Recycle*.

## Participation in Seminar and conference

1. Dr. Sibi.P.S attended International Conference on "*Responsible Tourism Practices in India: Issues and Challenges*" as resource person organised by Pondicherry University 7-9 December 2019.
2. Dr. Sibi P.S. has presented a research paper titled "*Compliance of Accessibility in Tourism Websites A Pledge Towards Sustainability*" on 5<sup>th</sup> World Research Summit for Hospitality and Tourism 2019 conducted by UCF Rosen College of Hospitality Management, Orlando, Florida, USA.

3. Mr. Mohammed Ashraf B.A, Dr. Sibi P.S & Mr. Nagaraja Sharma presented a research paper on "*Responsible Tourism and the Experience of Host Community - a Phenomenological Study in Bekal, Kerala*" on International Conference held at Pondicherry University in December 2019.
4. Dr. Sibi P.S, Mr. Nagaraja Sharma, & Mr Mohammed Ashraf B.A presented a research paper on "*Social Inclusiveness and Empowerment Through Responsible Tourism- an Exploratory Study in Bekal*" on International Conference held at Mangalore University in December 2019.

## PMMMNMTT

### Activities conducted under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT)

3<sup>rd</sup> Induction Training Programme for Teachers working in Universities/Colleges/Institutes held from 23<sup>rd</sup> September to 22<sup>nd</sup> October, 2019 at School of Education, Central University of Kerala. Total 28 teachers were attended the programme from across the country



Invited lecture on "Teacher Education and Democratic Pedagogy" by Prof. Pankaj Arora, Professor, Department of Education, University of Delhi held on 11<sup>th</sup> November, 2019 at School of Education, Central University of Kerala. The total number of beneficiaries were 55.



Community Sensitization Programme on "Cybergogy: Learn, Relearn & Unlearn" held from 5<sup>th</sup> to 7<sup>th</sup> December, 2019 at St. Xavier's College for Women, Aluva, Ernakulam. The total number of beneficiaries were 30.



One Day Workshop for Evaluation of Minor Research Projects under PMMMNMTT held on 16<sup>th</sup> December, 2019 at School of Education, Central University of Kerala.



## Department of Chemistry

### Five Day National Training Programme

Department of Chemistry, Central University of Kerala organized a five day National Training Course from 16<sup>th</sup> -20<sup>th</sup> December 2019 on Prerequisites to Recent Advances in Catalysis for M.Sc. students and early career Ph.D. Scholars around South India. The programme was supported by Central University of Kerala and DST. Prof. A. Sakthivel and Dr. M. Bhagiyalakshmi were the Convenor and Co-convenor of the programme. Honourable Vice Chancellor Prof. (Dr.) G. Gopa Kumar inaugurated the program on 16<sup>th</sup> December 2019, Prof. Prathapchandra Kurup, Head, Department of Chemistry delivered the welcome address and Prof. A. Sakthivel gave introductory remarks on the importance of organizing such a training course. Prof. B. Viswanathan from IIT-Madras, Dr. A. B. Halgeri, former R&D Head Reliance Industries, Prof. M. Palanichamy from University of Madras felicitated the function.

There were about 135 participants (both M.Sc. & Ph.D. scholars) from various parts of South India. About 15 resource persons (Eminent speakers, researchers and Professors), with industrial and academic background have attended the training course and gave lectures on basics of catalysis, modelling on catalysis, catalytic application in synthesis of mesoporous and nano materials, utilisation of CO<sub>2</sub>, zeolite synthesis, electrochemical approaches towards preparation of catalyst, industrial and experimental aspects of catalyst research. The training course effectively motivated many students to take up their research in the area of catalysis and related topics of materials science. There was no registration fees for the students and all the participants were provided local

accommodation and food. The final day programme featured speakers from industries; Dr. D. Rajeshwar from SABIC and Dr. S. Unnikrishnan from Reliance Industries Limited. The programme concluded with the vote of thanks proposed by the Co-convenor, Dr. M. Bhagiyalakshmi.

### Faculty Achievements:

Prof. A. Sakthivel received research grant from DST-SERB core research grant (Crg 004624) & and also received research grant for the conducting training course on catalysis (DST-SERB/SSY/2019/000705).

Professor A. Sakthivel delivered few invited talk in "A National Conference on Frontiers of Catalysis Science & Technology and its Applications" which was held at St. Joseph's College-Bengaluru & National Seminar on "Current Trends in Chemistry" CTriC 2020-CUSAT-Cochin.

Dr. M. Bhagiyalakshmi has coordinated one of the practical

session of DST- INSPIRE Science Camp 2019 held on 24 December 2019 at Central University of Kerala for plus one students.

### Students Achievements:

Ms. Anjali, Ms. Sreenavya, Ms. Preeti, and Ms. Neethu, Ph.D. scholars, Department of Chemistry presented their research work at International Conference on Emerging Trends in Catalysis, which is organized by VIT & Royal Society of Chemistry, UK at Vellore.

Mr. Mijun and Ms. Anusha A, Ph.D Scholars, Department of Chemistry presented their research work at ICACSEM-2020 organized by Department of Physical Chemistry, University of Madras jointly with RUSA 2.0 and SPSI -Chennai Chapter.

Ms. Dhanusree & Ms. Aswathi, the M.Sc. students of the Department of Chemistry qualified CSIR-JRF.

Ms. Asha and Shri. Shabas, the MSc students of the Department of Chemistry qualified NET-LS

## Ageing and Alzheimer's



The Department of Social Work, Central University of Kerala organized a public lecture on the topic "Ageing and Alzheimer's". The programme was inaugurated by Prof. (Dr) G Gopa Kumar, Hon'ble Vice Chancellor on 17th October 2019. The ceremony was followed by a lecture on Ageing and Alzheimer's disease by Mr. Prasad M Gopal, Consultant, Dementia Project, Magics Foundation and he briefed about the relationship between the disease and ageing from various perspectives. The book 'Active Ageing : Dynamics of Post Modern Era' was also released during the inaugural ceremony. Dr. Joseph Koyipally, Associate Professor, Department of English and Comparative Literature, CUK presented a review of the book. Dr. Mohan A K, Head, Department of Social Work presided over the function. Dr. Laxmi, Assistant Professor and Coordinator of the Centre for Gerontology delivered the welcome speech and Shri. Ashir proposed the vote of thanks.



# Department of Commerce and International Business

## Seminars, Conferences and Workshops attended by the Faculty Members:

### Prof. T.Mallikarjunappa

- Corporate Accounting Scandals and Corporate Governance in India, invited technical session address in the Three-Day National Seminar on Emerging Issues in Corporate Governance in India", Organized by Faculty of Public Administration, School of Distance Education, University of Kerala, Thiruvananthapuram, 6th to 8th November 2019.
- Insolvency and Bankruptcy Code and the Corporate Debt in India, invited Lecture at the Refresher Course for Commerce and Management, organized by the UGC HRDC, Kannur University, Kannur, November 16th, 2019.
- Accounting Scams, Corporate Governance and Sustainable Business Models, invited keynote address, in the Two-Day National Seminar on Social Innovations and Sustainable Business Models in the Era of Climate Change: Perspectives, Practices and Challenges, organized by the C K G Memorial Government College, Perambra, Kozhikode, Sponsored by the Directorate of Collegiate Education, Government of Kerala, Thiruvananthapuram, 26th & 27th November 2019.
- Growth and Prospectus of Banking Sector in India - An Overview, Inaugural address in the Two-day National Seminar on Trends, Prospectus and Challenges of Banking Sector in India", Organised by the Postgraduate Department of Commerce, Government College, Kasaragod and Sponsored by Directorate Collegiate Education, Government of Kerala, December 16th & 17th December 2019.
- The Global Financial Crisis and the Lessons for the Emerging Economies, Invited Lecture at the five-Day Faculty Development Programme (FDP), organised by the Kerala State Higher Education Council (KSHEC), Thiruvananthapuram, Kerala. November 18-22, 2019.
- Chaired Technical Session and delivered Chairman speech on Sectoral Development A Study on Selected Services in Tourism, in the Two-Day International Seminar on "Tourism and Sustainable Development: Issues, Challenges and Best Practices", organized by the Department of MBA (Tourism and Travel Management), Mangalore University, Mangalagangotri, Mangalore, Sponsored by the ICSSR, New Delhi, on 27th & 28th December 2019.
- Insolvency and Bankruptcy Code and the Corporate Sector in India, invited keynote address In the National Conference on 'Emerging Trends in Business Management, Organised by the Department of Business Administration, Mangalore University, Manglagangothri, Mangalore, 30th December 2019.
- Infrastructure Financing in India: Issues and Challenges, invited technical session address in the 2nd International Conference on Advances in Financial Markets and Services, Organised by Research and postGraduate Department of Commerce, St. Thomas college (Autonomous), Thrissur, Kerala, 3rd & 4th January 2020.
- New Finance Models for Sustainable Business , Two-Day National Seminar on "New Developments in Commerce and Management", Organised by the Postgraduate Department of Commerce, Government College, Thrissur, Kerala- and Sponsored by the Directorate of Collegiate Education, Government of Kerala, INDIA, January 10-11, 2020
- Structural Equation Modeling, invited Technical session address at the Two-day National Seminar on 'Philosophical Foundations of Social Science Research' organised by the Department of Student Services, Mahatma Gandhi University, Kottayam and the Postgraduate Department of Commerce, Al Azhar College of Arts and Science, Thodupuha, Kerala., 13th to 14th, January 2020.
- The Role of Foreign Direct Investment and Foreign Institutional Investments in India, invited technical session address in the three-Day MESMAC International Conference on "Applying Theory: Paradigms, Issues and Faulty Lines, Organised by the MESMAC Centre for Inter-disciplinary Studies, MES Mampad College (Autonomous), Mampad, Malappuram, Kerala, 14th, 15th and 16th January 2020.
- Entrepreneurship: General Issues and Scope for Research, invited inaugural and keynote address in the two-Day National Seminar on Entrepreneurship: Issues and Challenges, Organised by Department of Commerce, Government College, Uduma, Kasaragod, Kerala, 21st January 2020.
- Transforming India: Issues and Challenges, invited keynote address in the National Seminar on " Transforming India: Issues and Challenges", Organised by the Besant Evening College,



Mangalore, 15th February 2020.

## Workshops/Seminars attended by the Faculty members

### Prof. T Mallikarjunappa

➤ Two Day National Symposium on Academic Writing, Publishing and Plagiarism: Trends, Practices and Issues, Organised by Central University of Kerala Library and the Department of Education, under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) Centre for Curriculum Research Policy and Educational Development (CCRPED), 8th to 9th January 2020.

### Post graduate Students'Commerce Association (PGSCA)

The Post graduate Students'Commerce Association (PGSCA) inaugural function was held on October 1, 2019. The function commenced at 11.00 with the CUK anthem. Anand Keshavan (the student Secretary, PGSCA) welcomed the guest and Ms. Haritha (Faculty member of the Department and staff adviser of PGSCA) introduced the guests. While introducing the President of North Malabar Chamber of Commerce Ms. Haritha urged him to help the Department to develop the entrepreneurial and managerial skills in students. Dr. T. Mallikarjunappa, Academic Co-ordinator delivered the presidential speech. In his presidential address he urged the students to learn the relevance of practical training in addition to what is being taught in the class rooms. He also expressed his expectation that the first batch students of the department should feel proud and bring good name to the university and set an example for the future batches.

The PGSCA was traditionally

inaugurated by Prof (Dr.) K Jayaprasad (Honourable Pro-Vice Chancellor) along with other guests by lighting the lamp. In his inaugural address, the PVC congratulated the department for taking the initiative of forming the Commerce association. He said that the first batch of the students have the opportunities and challenges and they should make efforts to excel in different spheres of activities.

The key-note address was delivered by Mr K. Vinod Narayanan (President, North Malabar Chamber of Commerce, Kannur, and CEO, PVN Industries, Kannur, Kerala.). He said that an entrepreneur goes through different types of problems, and one has to be bold to take the decision. He shared his experience as an entrepreneur. He said that there are tremendous opportunities for the young students due to the increased growth pace of the Indian economy. He also advised the students to tap those opportunities around us and motivated the students with the example of Edvin C Barnes who was an ordinary man but had the burning desire to become the partner of Thomas Alva Edison. He also narrated the hardships which Barnes faced to reach his dream. He advised the students to have such burning desires to reach out for their aspirations. He wished all success to the PGSCA and also requested the committee members to set standards for the future M.Com batches of CUK. Dr. M. Muralidharan Nambiar, Controller of Examination felicitated and said that wide employment opportunities are available to the commerce students and such associations are the platforms where the students can develop skill required for the competitive business world. Dr B R Prasannakumar, Finance Officer, while felicitating appreciated the students for voluntarily forming the association.

## अंतर्राष्ट्रीय संबंध विभागः राजधानी केंद्र

### हिंदी सप्ताह मनाया गया

अंतर्राष्ट्रीय संबंध विभाग, राजधानी केंद्र में 09.12.2019 से 12.12.2019 तक हिंदी सप्ताह समारोह का आयोजन किया गया। समारोह के सिलसिले में, छात्रों के लिए हिन्दी प्रतियोगिताएँ (हिंदी सुलेखन, हिंदी कविता लेखन, हिंदी कविता रचना, हिंदी निबंध लेखन, हिंदी भाषण, हिंदी नारा लेखन) आयोजित की गई और तुलनात्मक साहित्य पर एक संगोष्ठी भी आयोजित की गई। उद्घाटन सत्र की अध्यक्षता डॉ. पी. सी. प्रसन्नकुमार, विभागाध्यक्ष, राजधानी केंद्र ने की और प्रो. (डॉ) एन. रवीन्द्रनाथ, भूतपूर्व सम कुलपति, एम.जी. विश्वविद्यालय, कोड्यम द्वारा कार्यक्रम का उद्घाटन किया गया।

समापन समारोह और पुरस्कार वितरण डॉ. एस. आर. जयश्री, उपाचार्य, हिन्दी विभाग, एम.जी. कॉलेज एवं डॉ. सनल कुमार, हिन्दी संकाय, राजधानी केंद्र. सीयूके द्वारा किया गया।

### मानवाधिकार दिवस 2019

मानवाधिकार दिवस और भारतीय संविधान के 70वें साल के उपलक्ष्य में, राजधानी केंद्र में एक विशेष आमंत्रित व्याख्यान आयोजित किया गया। श्री. विनसेट एम पॉल, मुख्य सूचना आयुक्त, केरल सरकार ने [मानवाधिकार और सूचना का अधिकार] विषय पर बीजभाषण दिया। सभी छात्रों एवं संकाय सदस्यों ने संवादात्मक सत्र में भी सक्रिय रूप से भाग लिया।

### आमंत्रित व्याख्यान और पुस्तक विमोचन

श्री. पेरुंबडवम् श्रीधरन, प्रसिद्ध मलयालम उपन्यासकार ने 05.12.2019 राजधानी केंद्र में एक विशेष आमंत्रित व्याख्यान दिया। इस समारोह में वृन्दा कृष्णन द्वारा रचित “वृन्दा की कविताएँ” नामक मलयालम कविताओं का संग्रह श्री. पेरुंबडवम् श्रीधरन द्वारा विमोचित किया गया। डॉ. पी. सी. प्रसन्नकुमार, विभागाध्यक्ष ने समारोह की अध्यक्षता की और डॉ. रमेश कुमार, मलयालम संकाय सदस्य ने स्वागत भाषण दिया।



# Department of Computer Science

## Invited Talks

Shabina Bhaskar, Research Scholar, Department of Computer Science handled a session titled “Best Ten AI based Products and Applications” on 4<sup>th</sup> October 2019 in the **Artificial Intelligence** workshop sponsored by AICTE Training and Learning Academy (ATAL) held at Department of Computer Science, Central University of Kerala.



2. Kumar V, Assistant Professor, has delivered 3 lectures on “Introduction to Data Base Management Systems, Data Science and Pattern Mining” in the Department of Public Health and Community Medicine, School of Medicine and Public Health, Central University of Kerala, Periya on 14<sup>th</sup>, 22th and 30<sup>th</sup> October 2019.

3. Dr. Thasleema has acted as Chief Guest to inaugurate Atal Tinkering Lab (ATL) Workshop at Greenwoods Public School on 14 October 2019.



4. Fasil O. K, Research scholar, acted as a resource person in a Workshop “Introduction to Machine Learning”, organized by Department of Computer Science and Walk with a Scholar

Programme (WWS), Sullumussalam Science College, Areacode, 26 October 2019.



5. Dr. Rajesh R. delivered an invited talk on “Parallel Computing using OpenMP” in the National Workshop on Python Programming, Parallel Computing and IoT organized by Govt. College Kasaragod, on 4<sup>th</sup> December 2019



6. Fasil O. K, Research scholar, delivered an invited talk on "Automatic Identification of Epilepsy from Brain Signals", organized by department of Computer Science, University of Kerala, Thiruvananthapuram, Kerala, 19th December, 2019.

7. Kumar V, Assistant Professor, has delivered lecture on “Document Indexing” in 5-Day National Workshop on “Language Documentation for Natural Language Processing” organized by Centre for Endangered Languages, Department of Linguistics, Central University of Kerala on 20<sup>th</sup> December 2019.

8. Dr. Manohar Naik S, Assistant Professor, has delivered lecture on “Python for Natural Language Processing” in 5-Day National Workshop on “Language Documentation for Natural Language Processing” organized by Centre for Endangered Languages, Department of Linguistics, Central University of Kerala during 20<sup>th</sup> December 2019.

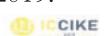


## Conference Participation/Paper Presentation/Session Chair

9. Fasil O. K, Research scholar, participated and presented a poster in IEEE Signal Processing Society Winter School on Biomedical Signal and Image Processing, November 12 -14, 2019. Organized by IEEE SPS Bangalore Chapter.



10. Dr. Thasleema has participated IEEE International Conference on Computational Intelligence and Knowledge Economy (ICCIKE 2019) at Amity University, Dubai during 11 & 12 December 2019.



INTERNATIONAL CONFERENCE ON COMPUTATIONAL INTELLIGENCE AND KNOWLEDGE ECONOMY



11. Shabina Bhaskar, Research Scholar, has participated and presented a paper entitled "Scope for Deep Learning: A Study in Audio-Visual Speech Recognition:" in International Conference on Computational Intelligence and Knowledge Economy, held at Amity University, Dubai, UAE on December 11 and 12, 2019.



12. Fasil O. K, Research scholar, served as a session chair in

Symposium on Signal Processing for Wireless and Multimedia Communications (SPWMC'19), Trivandrum, Kerala, India, December 18-21, 2019.



13. Fasil O. K, Research scholar, served as a session chair in CoCoNet-S13: Poster Paper Session-B, Third International Conference on Computing and Network Communications (CoCoNet'19), Trivandrum, Kerala, India, December 18-21, 2019.

14. Fasil O. K, Research scholar, attended and presented a paper in third International Conference on Computing and Network Communications (CoCoNet'19), Indian Institute of Information Technology and Management-Kerala (IIITM-K), Trivandrum, Kerala, India, December 18-21, 2019.



15. Adithya V, Research Scholar, presented a paper titled "A Deep Convolutional Neural Network Approach for Static Hand Gesture Recognition", in Third International Conference on Computing and Network Communications (CoCoNet'19) held during December 18-21, 2019 at IIITM-K, Trivandrum, Kerala.

16. Ashfaq Ahmad Najar, Research Scholar, Dept of Computer Science, Central University of Kerala Attended and given a presentation on "Computer science & its Trends" and practical demonstration on "some phishing attacks" in Inspire Internship science camp held at Central University of Kerala during 24th December 2019.

### Awards/Recognition

17. Fasil O. K, Research scholar, received Outstanding Student Branch Chairperson AWARD - 2019, IEEE Malabar Subsection.



18. Fasil O.K., Received Certificate of Appreciation for showcasing excellent volunteering skills to initiate IEEE Student Branch at Central University of Kerala of IEEE Malabar Subsection in 2019.

19. Fasil O. K, Research scholar, received 2019 Member-Get-a-Member (MGM) award from IEEE.

20. Ashfaq Ahmad Najar, Research Scholar, Dept of Computer Science, Central University of Kerala attended and got the Special Cash prize for making the Traffic Light System using various sensory devices in the Workshop on "Robotics" at Central University of Kerala during 01-05 November 2019.



21. Fasil O. K, Research scholar, received Travel Grant Award for attending IEEE Signal Processing Society Winter School on Biomedical Signal and Image Processing, November 12 -14, 2019, organized by IEEE SPS Bangalore Chapter.

22. Shabina Bhaskar, Research Scholar, Department of Computer Science, received CSIR Travel Grant for the International

Conference on Computational Intelligence and Knowledge Economy (ICCIKE 2019) held during 11-12 December 2019 at Amity University, Dubai, UAE.

23. Dr. Rajesh R. got outstanding IEEE student branch counsellor award from IEEE Malabar Subsection for the year 2019

### Sports/Competition

24. Anumod K.K., 2nd year MSc Computer Science student has participated in National Athletic Meet (south zone football) at Vellore Institute of Technology during Dec 9<sup>th</sup> 2019 to Dec 16th 2019.



25. Nishaban P K, 2<sup>nd</sup> year MSc Computer Science student has Participated in 'Mehandi Competition' at 35<sup>th</sup> South Zone Inter University Youth Festival 2019 (18th-22nd December) ALAGAPPA UNIVERSITY, Karaikudi, Tamil Nadu, India

26. Soumen Das, 2nd year MSc Computer Science student has participated in "Clay Modelling" in 35<sup>th</sup> Inter University South Zone Youth Festival organized by Association of Indian Universities, ALAGAPPA UNIVERSITY, Karaikudi, Tamil Nadu, India for during 18 -22 December, 2019



27. Vishnu M P, Amith, V, Prithviraj M.K., 2nd year MSc Computer Science students has participated in National Athletic Meet (south zone Cricket) at university of Mysore during 28-11-2019 to 11-12-2019.



28. Vishnu M P, 2nd year MSc Computer Science student has participated in south zone badminton at SRM university during 15<sup>th</sup> to 19<sup>th</sup> December 2019



29. Amith V., 2nd year MSc Computer Science student has participated in south one Kabaddi at Mangalore University during 11-12-2019 to 14-12-2019.



30. M.Sc 1<sup>st</sup> year Computer Science Students (Sarah T R, Sreeshma K, Aswini P R, Kavya Balan, Thanusree V, Riya Shekhar, Greshma G K, Anjali P G, Akshara Krishna P, Shivarama Krishna P K) have participated in the Inspire Internship Science Camp held at Central University of Kerala during 24th December 2019.

## Placements

31. Arya Gangadharan got placed in Ceegees Software Solutions as a Quality Analyst
32. Akshaya P.K, got placed as an LD Clerk at Social Justice Department, Kanhagad

## Conference/Workshop/Seminar Organized

33. Dr. Thasleema has organized a

one-day seminar - Inspirational Talk on Tomorrow is Today, supported by Central University of Kerala on 5th December 2019. Dr. T.P. Muhammed, Chairman of T.P. Group of Institution was the keynote speaker.



34. Dr. Rajesh R. organized a Workshop on Machine Learning and Deep Learning Using MATLAB on 10<sup>th</sup> December 2019. The experts were from CoreEL Technologies, Bangalore.

## National Workshop on Internet of Things.

The Department of Computer Science, Central University of Kerala has organized 5 days national workshop on internet of things sponsored by AICTE Training and Learning Academy (ATAL) during 16-20 October 2019.

The coordinator/organizing secretary was Dr. Rajesh R, Associate Professor and Head, Department of Computer Science, Central University of Kerala. The purpose of this workshop was to motivate and train the participants on topic of Internet of things with some hands-on experience. Out of 89 registered participants, 78 participants attended the workshop.



The workshop started with a prayer song. The welcome address was delivered by Mr. Kumar V, Assistant Professor, Department of Computer Science, Central University of Kerala. A special address briefing the need and necessity of Internet of things was provided by the chair of the workshop, Dr. Rajesh R. The Programme was inaugurated by Prof. (Dr.) M.R. Prathapachandra Kurup, Dean of School of Physical Sciences, Central University of Kerala by lighting the lamp and delivering the inaugural address. The keynote address was delivered by Dr. J. Satheeshkumar, Associate Professor, Department of Computer Science, Bharathiar University. The inaugural session ended by the delivery of vote of thanks by Dr. Thasleema T.M.

The first session of the workshop was on the topic of “Introduction of IoT” and was delivered by Dr. J. Satheeshkumar. He started with a brief history of internet of things. He discussed the evolution of internet of things. He also discussed the various components of Internet of things. The major challenges of internet of things, including its security aspects were also pointed out by the speaker. He winded up the first session by showing the various application/research possibilities of internet of things. The second session of the workshop was on the topic of “Applications of IoT”. He showed some real implementation of some of the IOT kits using Arduino with applications in agriculture.

In the second day of the workshop, all the three sessions were handled by Mr. Arjun Udayakumar, Senior embedded developer, Quolabs. He covered the following topics: (i) introduction to microprocessors and micro controllers, (ii) architectures of arduino uno and arduino nano (including its chips, register sizes, memory etc.), (iii) architecture of

raspberry pi and raspbian OS, (iv) programming logics on Arduino software, (v) hands on training sessions (experiments with led blinking, buzzer, LM35 sensor, LDR sensor, ultrasound sensor).

All the sessions of the third day of the workshop were handled by Mr. Fasil K.V, IOT developer, Quolabs. His hands-on sessions were on programming on Proteus Simulation software. He provided hands on experiments using arduino and the Proteus simulation software on (i) blinking the led, (ii) usage of buzzer, (iii) usage of LM35, (iv) usage of switch, (v) programming with sending and receiving values through serial communications.

All the sessions on the fourth day of the workshop were handled by Mr. Fasil K.V, IOT developer, Quolabs. He provided a talk on the architecture of Raspberry Pi. He also provided hands on experiments on (i) Installation of Raspbian OS, (ii) programming with Raspberry Pi, (iii) led blinking on Raspberry Pi, (iv) buzzer on Raspberry Pi, (v) usage of sensors on Raspberry Pi.

On the fifth day the first two sessions in the morning were handled by Nithin P.S. In these sessions he demonstrated and provided hands on in remotely controlling the Sensors on Arduino through internet by mobile device with BLYNK software. The afternoon session was on various extended research possibilities on IOT by Dr. Rajesh R. Both in the oral and written feedback the conduct of the workshop was well appreciated by the participants. Formally the function concluded with vote of thanks proposed by Dr. Rajesh R., the coordinator of the program.

### National Workshop on Robotics

The Department of Computer Science, Central University of Kerala has organized a 5 day national workshop on Robotics sponsored by

AICTE Training and Learning Academy (ATAL) during 1st 5th November 2019. The coordinator/organizing secretary was Dr. Rajesh R, Associate Professor and Head, Department of Computer Science, Central University of Kerala. The purpose of this workshop was to motivate and train the participants in Robotics with some hands-on experience. 82 participants attended the workshop.

The workshop started with a prayer song. The welcome address was delivered by Dr. Rajesh R, Associate Professor and Head, Department of Computer Science, Central University of Kerala. The Programme was presided over by Prof. (Dr.) M.R. Prathapachandra Kurup, Dean of School of Physical Sciences, Central University of Kerala and he provided the special address. The Programme was inaugurated by Prof. (Dr.) Gopa Kumar G., Vice Chancellor, Central University of Kerala by lighting the lamp and delivering the inaugural address. The keynote address was delivered by Dr. Santhakumar Mohan, Associate Professor, Department of Mechanical Engineering, Indian Institute of Technology, Palakkad. The inaugural session ended by the delivery of vote of thanks by Dr. Manohar N.S.



The first session of the workshop was on the topic of "Challenges on Robotics" and was delivered by Dr. Santhakumar Mohan, Associate Professor, Indian Institute of Technology, Palakkad. He started with a brief history of Robotics and it was followed by various bottlenecks

& challenges of Robotics. He winded up the first session by showing the various application/research possibilities of Robotics. The second session of the workshop in the afternoon was on the topic of "Mechanics of Robotics". He also shared his experience in Robotics for the last one decade in various countries. In the second day of the workshop, all the three sessions were handled by Mr. Scheth Sanal, CEO of Revinin Technology. He covered the following topics: (i) introduction to flowchart based programming software for arduino/stemscl, (ii) hands on sessions on flowcharts and its usage in arduino uno, (iii) experiments and hands on using flowchart based usage of LED, LDR, Buzzer, motor, switch, timers, ultrasound sensor, etc. in arduino/stemscl.

Fridge control, smart light dimmer, burglar alarm, washing machine control, smart street, temperature control, smart hat, bike indicator, and traffic light. After developing the project, the teams were allowed to explain it and also defend and answer for the question raised by the other opponent teams. The third session was on 3D modeling using tinkerCAD for 3D printing.

The sessions on the fourth day was hands on experiments with Bluetooth connectivity for arduino and experiments with the use of relays. The first two sessions on the fifth day dealt with (i) hands on design and development of line tracking robot by 10 teams, (ii) design of obstruction avoidance robot, (iii) demo of drone, (iv) demo on virtual reality. The third session on the fifth day was the talk by Dr. Rajesh R. on extended research possibilities on robotics. Formally the function concluded with vote of thanks by Dr. Rajesh R., the coordinator of the programme.



# Department of International Relations & Politics

## Programme of Prof. (Dr.) K. Jayaprasad, Head, Department of International Relations & Dean, School of Global Studies

1. Visited UAE from 3<sup>rd</sup> October, 2019 to 10<sup>th</sup> October, 2019 to participate in various public programmes organised by the Indian Community there.
2. Delivered Keynote address at the Seminar organised by the Department of Law, CUK on “Kashmir: Historical, Constitutional and Diplomatic Dimensions” on 18.10.2019.
3. Delivered Keynote address on Draft National Education Policy at the Conference organised by Indian Association of Life Skills Education (IALSE) at S-VYASA University Bengaluru on 01.11.2019.
4. Delivered the R. Shankar Memorial Lecture at Chathannoor, Kollam, on 07.11.2019.
5. Presented a paper on “Parliamentary Democracy in India: Experiences and Lessons” in the two-day National Conference on Constitution and Democracy: 70 Years of Indian Experience, 26-27 November 2019.
6. Appointed as Nodal Officer by UGC to Kerala for the Celebration of 70<sup>th</sup> Anniversary of Constitution Day.
7. Participated in the meeting of Nodal Officers of National and State Co-coordinators for yearlong celebration of 70<sup>th</sup>

Anniversary of Constitution Day at New Delhi by the UGC on 20.12.2019.



## Position

1. Elected as Vice-President, Rasthiya Samaj Vigyan Parishad (RSVP), New Delhi at its 4<sup>th</sup> annual conference held at Tumkur University, Karnataka, on 15.12.2019.

## Article Published

1. Published Article (co-author) entitled “The Evolution of BRICS in International Political Economy” in The India Journal, Vol.22, Issue 10, November 2019, (ISSN – 0971-1260).
2. Published article (co-author) entitled “Dynamics of India’s Energy Security Implications on Environment and the Society” in South Asian Journal of Socio – Political Studies, Vol. – XX, No-01 (ISSN 0972-4613).

## Prof. (Dr.) M S John

- Ø delivered the 150<sup>th</sup> Birth Anniversary Lecture on Mahatma Gandhi at Department of International Relations, Mahatma Gandhi University, Kottayam, on the 4<sup>th</sup> of October 2019.
- Ø delivered the third Ramakrishna Hedge Lecture on “Federalism in India: Past, Present and Future” at Institute of Social and Economic Change, Bangalore, on the 28<sup>th</sup> of November 2019.
- Ø presented a paper on “Indian Federalism” in the two-day National Conference on Constitution and Democracy: 70 Years of Indian Experience, 26-27 November 2019.

Prof. (Dr.) M.S. John during the 3<sup>rd</sup> Ramakrishna Hedge Lecture

**Dr. Uma Purushothaman** presented a paper on *The Geopolitics of India's Pacific Perceptions: Opportunities & Challenges*, in the national seminar organized by the Department of Political Science, University of Kerala on 11 December 2019

**Dr. Gilbert Sebastian** presented a paper on *The Question of Federal Autonomy and its Changing Contours: The case of Keralam*, in the national seminar sponsored by Institute of Parliamentary Affairs, Government of Kerala, 11-13 December 2019.

**Dr. Reinhart Philip** presented a paper on “Right to Privacy: Contours, Constitutional Status and Legal Challenges,” in the National Seminar on Contours of the Constitution: Ideology and Identity in Contemporary India organized by the Department of Political Science, University College, Trivandrum, 07 November 2019.

**Dr. Reinhart Philip** gave an invited lecture on “Relevance of Gandhian Economics in the 21<sup>st</sup> Century,” in the two-day National Seminar on Mahatma Gandhi: The Message Transcending, organized by the Department of Political Science, VTM NSS College, Dhanuvachapuram, October 01.

## Programmes Organized

1. National Conference on Constitution and Democracy: 70 Years of Indian Experience in connection with the Constitution Day Celebrations 2019-20 on 26-27 November 2019. The

Conference was inaugurated by Prof. (Dr.) G. Gopa Kumar, the Honourable Vice Chancellor of Central University of Kerala. Prof. (Dr.) R.L.M. Patil, former Professor & Dean, Department of Political Science, Bangalore University, Karnataka, delivered the Keynote Address.



Vice-chancellor Prof. (Dr.) G. Gopa Kumar inaugurates the National Conference

Six technical sessions were there for the National Conference. Sovereign, Socialist, Secular, Democratic, Republic by Adv. T.G. Mohandas; Indian Judiciary: The Guardian of the Constitution by Prof. (Dr.) Sunny K.C., Vice Chancellor, NUALS; Indian Federalism by Prof. (Dr.) M.S. John, Chief Vigilance Officer, CUK; Constitution: Correcting the Inequality by Dr. T.P. Senkumar IPS, Former State Police Chief Kerala; Governance in India: Issues and Challenges by Dr. Jacob Thomas IPS, D G P, Kerala Police and Parliamentary Democracy in India: Experiences & Lessons by Prof. (Dr.) K. Jayaprasad, Pro Vice Chancellor, CUK.

Around 150 Students participated in the two day National Conference.

An Essay Competition on the theme “Relevance of Fundamental Duties” was organised on 18 December 2019, in connection with the Constitution Day Celebrations, for the students of Central University of Kerala.

### **Award of PhD**

Mrs. Aleena Thomas has been awarded PhD in International Relations & Political Science for the thesis entitled *India's Quest for Energy Security: Challenges and Policy Options* in 15 October 2019. She did her PhD under the supervision of Prof. (Dr.) K. Jayaprasad, Head, Department of IR & Dean, School of Global Studies.

## **Department of Kannada**

### **Prof. B. Shivarama Shetty**

Prof. B. Shivarama Shetty, Academic Coordinator of Dept. of Kannada, School of Languages and Comparative Literature, was the chief Guest for the programme to felicitate Nati Vaidyas (Folk Medicine Practitioners) of Dakshina Kannada District to recognise their service to the society in medical field and delivered a special lecture on 'Folk Medicine and its Nature', organised by the NGSM Institute of Pharmaceutical Sciences and Nitte University Centre for Tulu Studies and Department of Pharmacognosy jointly organised a program under the flagship of Nitte(Deemed to be University) on Review of Folk Medicine observed on the occasion of international Natropathy day on 18<sup>th</sup> November 2019 at Justice KS Hegde Cahritable Hospital, Deralakatte.

in 3rd Dasa literature conference at Kasaragod on 24.11.2019

Ø presented a paper titled “bharatesha Vaibhavadalli Uda Mattu Shanti” in the conference Organized by Mahakavi Rtankaravarni Adyayana Peeta, Mangalore University and Govt. College Kasaragod on 25.11.2019

### **PUBLICATION OF RESEARCH ARTICLE**

#### **Dr.Swamy KN, Guest Faculty**

Ø “Allamana Vachnagalalli Deha Meemamase” a review article written by Dr.Swamy K N is published in TUMBE group of International Journal. Dated on Sep-Dec 2019 - 2(3) 18-23 (ISSN No: 2581-8511 and web: [www.tumbe.org](http://www.tumbe.org))

Ø “Jeeva Sahishnuteya Grahikegalu” (Perception of Life Tolerance) a review article written by Dr.Swamy K N is published in SHIKSHAN SUODHA journal Dated on Sep-Dec 2019 - 9(3) (Approved by the UGC core list . serial No 223, ISSN No: 2449-2429 and publisher Vidyanidhi Publication GADAGA)

Ø “Vaividhyateya Dhyothaka Deevige Habba” a research article written by Ningappa Masti (Student of MA Kannada ) under the guidance of Dr.Swamy K N (Guest Lecturer) is published in TUMBE group of International Journal. Dated on Sep-Dec 2019 - 9(3) 23-26 (ISSN No: 2581-8511 and web: [www.tumbe.org](http://www.tumbe.org))

### **Special lectures arranged in the Department**

Ø Dr.Gopalakrishna Be si, Retired Principal, Kasarogod, has given a special lecture on “Autobiography of Kayyara Kinnyanna Rai “ on 24<sup>th</sup> November, 2019

Ø Dr.Gopalakrishna Be si, Retired Principal, Kasarogod, has given a special lecture on “Autobiography of Sheni Gopalakrishna Bhat “ on 25<sup>th</sup> November, 2019

Ø Dr.Rajappa Dalavai, Assistant Professor, Centre for the Kannada Studies, Bangalore University, Jnanabharathi, Bangalore has given a special lecture on “Literary Theory and Criticism” on 26<sup>th</sup> November, 2019

### **PAPER PRESENTATION**

#### **Dr. Swamy KN, Guest faculty**

Ø has given a lecture on the subject “Social Values in Dasa Litterature”



## Department of Law

### Activities of the Department

Department of Law organized One day National symposium on “Revocation of Article 370, Historical, Constitutional, Strategic and Political Dimensions” on 21<sup>st</sup> October 2019. Prof (Dr.) K Jayaprasad, Pro-Vice Chancellor inaugurated the function. Dr. Ajyakumar (Botany Department, CUK) delivered the keynote address.



- Prof. (Dr.) G. Gopa Kumar, Vice – Chancellor launched the official website of International Seminar on “State, Civil Society and Human Rights: Neo-liberal Reflections” on 25<sup>th</sup> October 2019. Dr. Farooq of Department of Arabic, MSM College, Kayamkulam delivered the felicitation.
- Department of Law organized One Day National Workshop on Academic Writing Editing and Publication. Prof. (Dr.) K.C. Sunny (Hon'ble VC, NUALS, Kochi) delivered the Keynote Address and Adv. R.S. Visruth (Research Scholar, Department of Law) delivered the lecture.
- Celebrated *Law and Human Rights Fortnight* from 26<sup>th</sup> November 2019 to 10<sup>th</sup> December 2019. Various competitions were conducted for school students, department staff and students.

### Faculty Achievements

#### Dr. Gireesh Kumar

- has presented a paper on “Laws for strengthening Democracy with special reference to Right to Information Act” in the “One-day National Seminar on Indian Democracy- Features and Challenges” jointly organized by the Institute of Parliamentary Affairs and Govt. Higher

Secondary School Ayirooppara, Thiruvananthapuram, Kerala on 22nd November, 2019.



- has been honored with the Award for Professional Excellence by National Human Rights and Humanitarian Federation, at Karunagappally, Kollam, Kerala on International Human Rights Day on 10<sup>th</sup> December, 2019.



- has published a paper titled ‘Indian Tribes Run the Gauntlet of challenges in the globalised world- a Probe on Reality’ in Indian Bar Review-vol-46(2)2019, a peer reviewed national journal of Bar council of India
- acted as a Resource person at Short Term Course in “Human Rights and RTI Act” at UGC-HR Development Centre, Kannur University, Kerala held from 25.09.2019 to 01.10.2019



- has presided over a National symposium on “Revocation of Article 370, Historical, Constitutional Strategic and Political Dimensions,” held on 18th October 2019



- has been selected as the member of Preliminary Committee for evaluation of applications for

various programmes/fellowships/ scholarships and grants by Shastri Indo Canadian Institute, New Delhi for the year 2019-20

### Student achievements

- Arjun Philip George of 4<sup>th</sup> Semester LLM participated and presented a paper titled “Minimum Income Guarantee – A Transformative Idea: The Need to Strike a Balance” in Three Day International Seminar on Changing Counters of Economic Reforms – Impact on Emerging Economies organized by Centre for Parliamentary Studies and Law Reforms, The National University of Advanced Legal Studies, Kochi. His paper has been published in a Book titled “Changing Counters of Economic Reforms and Emerging Economies” bearing ISBN 978-81-938852-5-3 published by Centre for Parliamentary Studies and Law Reforms, The National University of Advanced Legal Studies, Kochi after a process of double blind peer review.
- Arjun Philip George of 4<sup>th</sup> Semester LLM along with Lekshmi Shibu Vishnupriya P. Govind alumnus Department of Law, published an article titled “Moral Vigilantism Imposing of State Morality Over the Civil Society” in a book titled “Human Rights and Disability Law” bearing ISBN 978-93-87294-32-5, published by VICTORIOUS PUBLISHERS INDIA (National Publishers).
- Arjun Philip George of 4<sup>th</sup> Semester LLM published abstract of paper titled ‘State Another Name of Moral Thought Police’ in Law Mantra National Monthly Journal, December 2019, Vol.6, Issue 5 & 6, I.S.S.N 2321 6417.
- Nithya A. and Ameera H. of 4<sup>th</sup> Semester LLM participated and presented a paper titled “Crimes Against Women in India” in Three Day International Seminar on Eliminating Structural Barricades in Achieving Gender Justice organized by Department of Law, University of Calicut.

# Department of Linguistics

## National Workshop on Language Documentation

A five day National Workshop on Language Documentation for Natural Language Processing was organized by the Centre for Endangered Languages, Department of Linguistics, from 16<sup>th</sup> to 20<sup>th</sup> December 2019. Dr. Thennarasu, S. was the Co-ordinator of the Workshop.



Prof. (Dr.) G. Gopakumar, Vice-Chancellor, Central University of Kerala inaugurates the National Workshop



(Prof. (Dr.) H. M. Maheshwariah, Vice-Chancellor, Central University of Karnataka during his key-note address)

In the inaugural session, Mr. Ganhotri Nagaraju delivered the welcome speech and gave an overview about the Workshop. Prof. (Dr.) G. Gopakumar, Vice-Chancellor, Central University of Kerala delivered the inaugural address. In the inaugural address, he highlighted the importance of documenting endangered languages. He also spoke about the relevance of the Centre for Endangered Languages in Kasaragod, being saptabhasha sangama bhoomi, home to seven languages.

Prof. (Dr.) H. M. Maheshwariah, Vice-Chancellor, Central University of Karnataka delivered the special address in the inaugural session of the workshop. His speech was positive and inspirational and he talked about the importance of the discipline of Linguistics, and opportunities

awaiting for the students and scholars pursuing study in the discipline of linguistics.

Prof. (Dr.) Panikkar, Former Director, ISDL and Editor, IJDL gave the felicitation address and he has limned the scope of Linguistics and the need for preserving languages in the present scenario. He appreciated the emphasis on language documentation and its implications to NLP. Prof. (Dr.) K. Karunakaran Former Vice-Chancellor, Tamil University, Thanjavur gave the felicitation address by emphasizing on the importance of Natural Language Processing (NLP). He also said that the languages which are dying or on the verge of extinction should be given importance while preserving languages. He also talked about the interdisciplinary research areas in linguistics and its future scope. Prof. (Dr.) Rajasekharan Nair also gave the felicitation address in the programme and he talked about the recent trends in the discipline of Linguistics and gave emphasis on tribal language studies and importance of documenting tribal languages. Vote of thanks was proposed by Mr. Gholam Mohammad Payman PhD Scholar, Dept. of Linguistics.

In the first session, Dr. Atreyee Sharma, Dept. of Computational Linguistics, EFLU engaged the first session with an edifying presentation on Named Entity Recognition (NER). The basic and fundamental lecture enlightened the students about the processes involved in NLP, especially Named Entity Annotation and the development of NE tagged corpus. NER - the information extraction technique identifies and segments the named entities and classifies them under different predefined classes. Dr. Atreyee discussed the problems in detecting NE for NLP and approaches in Named Entity Resolution and Disadvantages were explained in detail. The lecture that explored different mapping strategies such as popularity based, linguistic and statistical strategies concluded

with current challenges and research in the area of NER.

The highlight of the second session was the demonstration of Antconc, a free Concordance software. This certainly helped the students develop practical skills in using Concordance program.

The third session of first day; about "Importance of audio-visual linguistics and cultural documentation" by Dr. Darwin from Kerala University was an excellent presentation which really distinguished the descriptive linguistics and documentary linguistics. Here with reference to his study based on fishing culture of Trivandrum he put forward the significance of language documentation.

On the second day, Dr. Ramamoorthy focused on Documentation of Endangered Languages: Issues and Challenges and Creation of digital records saying Language documentation as a field of linguistic inquiry and practice in its own right which is primarily concerned with the compilation and preservation of linguistic primary data and interfaces between primary data and various types of analyses based on these data. Significance for documentation is a significant concern for documentation and the significance holds for the reason of archiving. To ensure that materials are in a format for long-term preservation and future use, and that information about intellectual property rights and protocols for access and use are recorded and represented along with the data itself.

On the third day, Prof. Ganesan Ambedkar explained how this word in corpus gives different meaning in context while analyzing a corpus which was eye opening for the student that one can think of even with a word and its concurrence.

On the fourth day, Prof. (Dr.) M. Sreenathan, Professor of Linguistics, Malayalam University, Thirur handled the first session on 'Anthropology of Documentary Linguistics'. He discussed the history of documentation starting from pre-



independence era such as the activities of missionaries to establish evangelization. Though post-independence agencies continued documentation, very few studies were done on ethno-linguistic studies and tribal linguistics. It was thought provoking when Dr. M. Sreenath hinted how language diversity was compromised for national integrity in India. He stated that the welfare policies of the govt. actually resulted in the decay of minority languages. Up to 2009 linguistic diversity was considered a burden. It was UNESCO's change in policy that language diversity is now considered as the capital. Hence the hegemonic singularity was questioned in favor of pluralism. This is the context where the tradition of Documentary Linguistics starts. He then highlighted how linguistic identities were dismissed by academic means. Through appropriation the tribal tongue is often identified as the dialect of the major tongue. He shared his experience in documentation and the blind ways practised to document languages before.

According to him a linguist involved in documentation should aim at documenting 'the other' in total without any prejudice and attempt change in language policies in favor of the tribal communities. He also discussed seven dilemmas in documentation, methods in fieldwork as well as software tools used in documentation.

Dr Ravisankar S Nair, has engaged a class on 'Language Endangerment Linguistic and Socio-cultural Perspectives and Approaches to Documentation' in the afternoon session on day three of the Workshop. He began his class by emphasizing on the two major issues faced by every scholar in finding out whether a language is endangered or not. They are; language dialect differentiation and bilingualism.

Dr. Joseph Koyippally, Associate Professor, Dept. of Comparative Literature CUK gave a lecture on "The end of teaching English language and/ through

Literature: The great Indian story".

It was rather an interactive session in which he pointed out how vague is our perception of language and dialect. He quotes the famous quip 'A language is a dialect with an army and navy' to refer to the arbitrariness of the distinction between a dialect and language. He made the students wonder how the influence of social and political conditions influences our perception of the status of a language or dialect. Dr. Joseph gave the students a clear idea about language provisions in the Constitution of the Indian union. He discussed two major linguistic surveys done in India- Grierson's linguistic survey and PLSI.

Dr. Sundarabala "Documentation of tribal occupational implements" - commented on the cultural significance of language documentation. He reminded agriculture laid the base for the growth of mankind and this process of their

growth is visible through the invention of machineries. Therefore, it has high socio-economic and cultural implication, and once they are lost we are losing these knowledge about the growth and development of our culture. Therefore, it is one of the Prime duties of a linguist to document and preserve this valuable knowledge.

On the fifth day, Dr. S. Manohar Nayak explained what is Python? features of python, history of python. He remembered Guido Vanrossum who invented Python programming in 1980s. He also elaborated on variables of python. In the second session of the fifth day, Dr. V. Kumar from the Department of Computer Science, CUK delivered lecture on 'Automatic Indexing'. The process of extracting information from a document using simple term frequency algorithm and the statistical indexing methods were discussed:

## CUK signed MoU with Malabar Cancer Centre



The Central University of Kerala (CUK) has entered into an agreement (MoU) to establish a co-operation program in the field of research and education with Malabar Cancer Centre (MCC). The event was graced by the presence of Prof. (Dr.) G. Gopa Kumar, Hon Vice Chancellor of CUK and Dr. Satheesan Balasubramanian, eminent Oncologist and Director of MCC.

Prof (Dr.) K R Thankappan, renowned public health expert and emeritus Prof. of CUK; Dr. Rajendra Pilankatta, Dean School of Medicine and Public Health; Dr. Muralidharan Nambiar, Controller of Examination and Dr. Subramanya Pailoor, HOD, Dept of Yoga Studies were also involved in the discussion about the future research and education in the area of cancer and its prevention. CUK and MCC decided together to explore the possibilities to inculcate yoga based integrative treatment as part of the health management of cancer patient. The cooperation between CUK and MCC will be a milestone in the area of research on prevention of cancer and in depth investigation at biochemical and genomic level benefiting to the society, particularly northern Malabar region. The MoU will pave the way to exchange the faculty members, graduate and professional school students between the institutions for evolving novel cancer management strategies.

# Department of Management Studies

## Special Lecture on 'Digital Transformation'

Dr Suraj Nair , Senior Consultant, Cognizant Technology Solutions delivered a special lecture on “Digital Transformation”. The session was highly interactive which included discussions and case analysis where student teams actively participated.



## Invited talk by Dr. E. Sreedharan (Metro Man)

The Department of Management Studies, Central University of Kerala conducted a talk by Dr. E. Sreedharan (Metroman), Principal Advisor, DMRC, Govt. of India on 17th December 2019. The Chief Guest Dr. E Sreedharan arrived at 10.50 AM. The welcome speech was delivered by Dr. A Radhakrishnan Nair, Registrar, Central University of Kerala. Prof. (Dr.) K Jayaprasad, Pro Vice Chancellor, CUK addressed Dr. E. Sreedharan as “Great Son of India” in his presidential address. Dr. E Sreedharan started by reciting few lines from “Vivekachoodamani”. He shared his experiences as Head of Konkan Rail Project and Delhi Metro Rail Corporation(DMRC). He explained about the various phases of each projects and also told about the difficulties they faced and how they tackled these problems. He also explained about the work culture. It is more important so that things can be done before time and with estimated cost. He focused on four cardinal pillars of work culture of an organisation punctuality, integrity, professional competence and social responsibility. Prof.V.Balachandran, Academic Co-ordinator, Dept.of

Management Studies proposed the vote of thanks.. About 200 students participated from the Dept of Management studies, Economics, Public Administration, Education and Social Work. Further, officers of the University and administrative staff members also attended the program.



## EXCELSIOR 2K19: Inter Department Management Fest

The Department of Management Studies, Central university of Kerala, conducted the inter Department Management Fest, Excelsior on 18th December 2019. The program was inaugurated by Dr.Radhakrishnan Nair, Registrar , Central University of Kerala, at 10:15 AM. Prof. Dr. V Balachandran delivered the welcome address. Student Coordinator Muhammed Shaheen K H gave a brief introduction on the event, Excelsior. The special address was delivered by Dr. A Manikyavelu, Dean of Students Welfare. The programme ended at 10:45 am with the vote of thanks delivered by Brinthima B K.



### The events conducted were:

- The Best Manager-Big B
- The Marketing game- Master Mind
- Quiz- Mindscape Ego
- Just a Minute- Hermes Speaks
- Mad Ad- Eureka
- Photography- Shutter Up

The events started at 10:50 AM and ended by 4:15 PM.



The participants during the Management Fest

## INAUGRATION OF MANAGEMENT ASSOCIATION



The Department of Management Studies , Central University of Kerala had its inauguration of Management Association by the Vice Chancellor Prof.(Dr.) Gopakumar in the presence of Prof. Dr. M K Ramachandran Nair, Formerly Vice-Chancellor of University of Kerala on 19 th December 2019. The welcome address was delivered by Muhammed Shaheen, President Management Association. The guest was introduced by Mrs. Arunima K.V (staff advisor) followed by the lightening of lamp by all the dignitaries present. Joint Secretary Soumya P.V gave an introduction to the Management Association. The presidential address was delivered by Prof. Dr. V Balachandran, Academic Coordinator, Department of Management Studies. The Inaugural address was delivered by Prof. Dr. G Gopakumar, Vice- Chancellor. He emphasised about the qualities expected from a Management student that is, academic excellence and professionalism. He advised the student community to focus on the goal/career and not indulge in other activities that may have negative impact in their career. The Controller of Examinations, Dr. M Muralidharan Nambiar mentioned how he was part of selecting the



students for MBA program how happy he was with selection. Chief guest Prof. Dr M K Ramachandran Nair Former Vice- Chancellor of University of Kerala enlightened the students by sharing the history of Management in post independent India, focussing on Liberalisation Privatisation and Globalisation. The function concluded with vote of thanks by Devanand V General Secretary Management Association. The program was wound up by 1:30 p.m.

### CUK Teams bagged prizes in ACCOLADE 2K19 NATIONAL LEVEL MANAGEMENT FEST

The Department of Management Studies of Central University of Kerala could mark its name in ACCOLADE 2K19, the National Level Management Fest held at Kannur university , Mangattuparamba , on 13<sup>th</sup> of December 2019 . 24 students from MBA general participated in various team events and individual events as well. First time in the history of ACCOLADE prize distribution ceremony the name Central University of Kerala was called out for winning 2<sup>nd</sup> prize for the best marketing team. Also the best management team and best finance team bagged 3<sup>rd</sup> prizes.

### CUK Teams bagged prizes in KARMANTA 2020 NATIONAL LEVEL MANAGEMENT FEST

Central University of Kerala had a great run at the National Level Management Fest held at Vimal Jyoti Institute of Management and Research. Winning first prize for the team events of Best HR Team , Best Finance Team , Best Management Team and also the individual event Best Manager title .And also 3<sup>rd</sup> prize for the Best Marketing Team. Central university also beat the field and captured the Overall Championship trophy as well. 23 students from

Department of Management Studies participated for the event.

### Winners of The Fest:

Koyippally Joseph Joseph

1st place for Best Manager Competition at National Level Management Fest held at Vimal Jyothi College, Kannur.

Aysha Safeena, Athul Krishna, Mohammed Shaheen and Sabith MH 1st place for Finance Team Competition at National Level Management Fest held at Vimal Jyothi College, Kannur.

Sneha Mathew, Rakhi, Shiyona Prajosh, Siddharth

1st place for Human Resource Team Competition Competition at National Level Management Fest held at Vimal Jyothi College, Kannur.

Anu Elsa, Devanand V, Nabeela Sultana, Brinthima BK

1st place for Best Management Team Competition at National Level Management Fest held at Vimal Jyothi College, Kannur.



### Analysis of UNION BUDGET 2020

The Analysis of Union Budget 2020 was organized by Department of Management Studies on February 6, 2020. Event was inaugurated and presided over by Dr. A. Radhakrishnan Nair, Registrar Central University of Kerala and Dr. B.R Prasannakumar, Finance Officer was the moderator for the Budget Analysis. Prof. V.Balachandran, Head of the Department welcomed the dignitaries, faculties and students. The Registrar spoke about Budget and Society emphasising on SDGs. The highlights of the programme included:

1. Quiz on Union Budget 2020

conducted by Finance Officer

2. Analysis of Union Budget by MBA Students

### Quiz on Union Budget 2020

The students of Management Studies were divided into four teams. There were seven round of questions on Union Budget 2020. The Finance Officer initiated and conducted the event with great enthusiasm and students participated with good team spirit. The winning team was awarded a prize by the Finance officer.



The winners of the quiz competition

### Analysis of Union Budget 2020 by MBA Students

The students were divided into 4 teams and were assigned four aspects to analyse and discuss. Two leader members from each team presented about each aspect.

#### Team 1: Budget and Agriculture

The various aspects related to agriculture in Union Budget 2020 were discussed by Anu Elsa and Aysha Nafeesa.

#### Team 2: Budget and Industry

The various aspects related to industry in Union Budget 2020 were discussed by KJ Joseph and Fathima Shahana

#### Team 3: Budget and Infrastructure

The various aspects related to Infrastructure in Union Budget 2020 were discussed by Muhammed Shaheen and Nafeesath Sameena

#### Team 4: Budget and Salaried Employees

The various aspects related to Salaried Employees in Union Budget 2020 were discussed by Sneha, Sneha Mathew and Soumya PV



The Finance Officer gave the moderator comments on the analysis and discussions

### Debate on UNION BUDGET 2020

The Dept. of Management Studies has organized a Debate on Union Budget 2020 on 11<sup>th</sup> February at 11.a.m. Four Students(Team A) argued for the budget and other four Students(Team B) argued against the budget proposals. Prof (Dr.) G Gopa Kumar, Honourable Vice-Chancellor, presided over the event. In his Presidential Address he pointed out the students are expected to update their knowledge about the various policies of the Government and their implications upon the various stakeholders. Prof (Dr.) K Jayaprasad Pro-Vice Chancellor and Dean of School of Global Studies presented the Moderator Comments. The team who argued for the budget proposals ( Team A) was declared as winners and Pro-Vice Chancellor presented a gift to the winning team. Earlier Prof (Dr.) V Balachandran welcomed the gathering. Ms Soumya. P V, proposed vote of thanks.



### Student Paper Presentations

Nafeesath Sameena, Aysha Safeena, K J Joseph and Soumya P V, presented papers on 21.12.2019 at the National Seminar organised by AIMAN College of Arts & Science

for Women, Thiruchirappally.

### Faculty Achievements

#### Prof.Dr.V.Balachandran

➤ GLORY OF INDIA GOLD MEDALIST 2020 AWARD conferred to Prof V Balachandran by Best Citizen Publishing House , New Delhi

➤ Delivered Special Lecture on "Arbitration and Conciliation Act 1996" for the PG students of Corporate Secretaryship, Faculty of Management, Alagappa University on 19.10.2019.

➤ Delivered a Special Lecture on "Research Colloquium" Alagappa University College of education, Alagappa University on 11.11.2019 for the Full Time MPhil and PhD Scholars of Education.

➤ Delivered a Guest lecture on "GST- An Overview" for the Post Graduate Students at Karpagam Academy of Higher Education, Deemed University, Coimbatore, on 6.12.2019.

➤ Delivered an invited talk on "Competitive Skills " for the students of Alagappa University Study Circle, Alagappa University on 19.12.2019

➤ Delivered an invited talk on "Business Challenges in the present scenario" on 21.12.2019 at the National conference organised by AIMAN College of Arts & Science for Women, Thiruchirappally.

➤ Delivered a Special Lecture on "Business Challenges and Challenges of facing Interview in the Competitive World" for the students of Sugama College of Engineering on 5.2.2020.

➤ Delivered special Lecture on "Life skills" for the students of Alagappa Institute of Skill Development, Alagappa University, on 7.2.2020

➤ Participated at ASCEND Kerala 2020- Two Day Conference during January 9-10, 2020 at Kochi organised by Govt. of Kerala so as to

accelerate the face of Industrial Development in Kerala

➤ Publication titled, "A study on CSR Awareness among Small Medium Enterprises in Vidhyanagar, Tamil Nadu" published in the International Journal of Analytical and Experimental Modal Analysis . A UGC Care Approved Journal , ISSN No. 0886-9367, IJAEMA 2019, Vol VIII, 9, pp.88-97.

#### Arunima. KV

➤ Paper titled "Building Communities of Practice in Cross Cultural Organisations" was presented on 21.12.2019 at the National Seminar organised by AIMAN College of Arts & Science for Women, Trichy.

➤ Paper titled "Knowledge management practices in Software industry for Employee Skill Development" was presented on 31.12.2019 at the National Conference organised by Department of Business Administration, Mangalore University, Mangalore

➤ Received Best Paper of the Track Award for the paper titled "Knowledge Application Dimensions and Effective Knowledge Management in Software Industry" at the INDAM 5<sup>th</sup> Biennial Conference 2020 (2- 4 January 2020) organised by Indian Institute of Management(IIM), Trichy.

➤ Delivered a session on the topic "Data Analysis using SPSS" for the Post Graduate Students of Department of Business Administration, Mangalore University on 29<sup>th</sup>January 2020.

#### Sreekha. P

➤ Paper titled "Women Empowerment through Women Entrepreneurship" was presented on 21.12.2019 at the National Seminar organised by AIMAN College of Arts & Science for Women, Thiruchirappally.



## Department of Physics

### Extra Mural Funds

Department of Physics of CUK is identified as a DST-FIST (Department of Science and Technology FIST beneficiary. Out of 100s of participated departments, Department of Physics could emerge as one among the 11 awarded departments in the field of Physical Sciences for Financial Assistance. The department will receive Rs. 1,15,00,000/- towards enhancement of the infrastructure facilities of the department .3 major equipments (Atomic Force Microscopy, Fourier Transform Infra Red Spectroscopy, and Computer Server) will be purchased using this fund.

In addition to the DST FIST Grant, ~Rs 70,00,000/- is approved as Core Research Grant awarded to Dr. Swapna S. Nair from DST, Govt. India for the development of piezoelectric sensors.

Four students of the Department of Physics cleared CSIR/UGC-JRF in the June 2019 examination

### Student Achievements

- Levna Chacko defended her PhD thesis titled “Growth, Characterization and Applications of Two-Dimensional Molybdenum Disulphide ( $MoS_2$ ) Based Nanostructures” in December 2019
- Anumol C.N (MPH071304), Vivek S (MPH071318) and Sreejith K P (MPH071403) submitted Thesis for adjudication
- SUBHA A (MPH071302) and Susha N (MPH071318) presented pre Ph.D. seminar and submitted synopsis

### Patents Awarded:

- Dr. Swapna Nair, Department of Physics, CUK is granted patents (IPO) for her invention on the synthesis of a thermally stable high shelf life ferrofluids and fabrication of an optical limiting device.

### Presentation in Seminar and Conference

1. Dr E Prasad delivered lectures in the following Conferences Abroad:
  - Invited plenary speaker in International conference on Nuclear energy and Nuclear technologies, Tashkent
  - Invited speaker, Flerov Laboratory of Nuclear Reactions, Joint Institute of Nuclear Reactions, Russia
  - Speaker, Heavy Ion Accelerator Symposium, Australian National University, Canberra.
2. Dr. Swapna S. Nair delivered invited/plenary lectures in the following conferences
  - International Conference on Physics of Materials and Nanotechnology, Mangalore University ,21 September 2019- Plenary Talk
  - International seminar on Advances in Nanomaterials and Nanotechnology, Marthoma College Thiruvalla, Aug, 2019 Plenary Talk
  - National seminar on contemporary trends in Physics, Sir Syed College, Kannur, Nov. 2019
3. Dr. S.C. Sahoo delivered an invited talk at a national seminar on “Advanced condensed matter Physics” during 4-5 Dec 2019 organized by Department of Physics, University of Calicut.
4. CSC Lekha, AS Kumar, S Vivek, K V Saravanan, M R Anantharaman, Swapna S. Nair, Room Temperature Magnetoelectric Properties of Lead-Free Alkaline Niobate Based Particulate Composites, Ceramics International, 45 (7), 8115-8122, 2019
5. S Vivek, P Geetha, KV Saravanan, SK Ajith, CS Chitralekha, Swapna S Nair, Magnetoelectric coupling in strained strontium titanate and Metglas based magnetoelectric trilayer, Journal of Alloys and Compounds, 789, 1056-1061, 2019
6. L Jian, AS Kumar, CSC Lekha, S Vivek, I Salvado, AL Kholkin, SS Nair, Strong sub-resonance magnetoelectric coupling in PZT-NiFe<sub>2</sub>O<sub>4</sub>-PZT thin film composite, Nano-Structures & Nano-Objects 18, 100272, 2019
7. Ajith S Kumar, Chitra Lekha C.S, Swapna S. Nair, J. Materials Science, Mater. Elec, 30 (9), 8239-8248, 2019
8. Manikanta Bayal, Neeli Chandran, Prajith Janaardhanan, Unnikrishnan U, Rajendra P, and Swapna S. Nair.. Nanotoxicology, Volume 13, Page No. 1005-1020, 2019
9. N Thomas, VD Sudheesh, HK Choudhary, B Sahoo, SS Nair, N Lakshami, Journal of Superconductivity and Novel Magnetism 32 (9), 2973-2979
10. Blessy babukutti, and SS Nair, Synthesis and Characterization of Nanosized Cobalt Manganese Alloys, Advanced Science Letters 24 (8), 5795-5800
11. M. Chithra,C. N. Anumol, B. Sahu, S. C. Sahoo, “Magnetic

### Publications in National/ International journals

properties of Zn-ferrite nanoparticles prepared by sol-gel and coprecipitation methods", Mater. Res. Express 6, 125059 (2019) <https://doi.org/10.1088/2053-1591/ab589b>

9. 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 BiMn doped SmFeO<sub>3</sub>", *Ceramics International* (2020) <https://doi.org/10.1016/j.ceramint.2019.12.112>.

10. MoS<sub>2</sub> nanoparticles induce behavioral alteration and oxidative stress mediated cellular toxicity in the social insect *Oecophylla smaragdina* (Asian weaver ant), C C Sheeja, Anusri Ambali, Levna Chacko, P M Aneesh\*, L Divya, *Journal of Hazardous Materials* 385, 121624 (2020)

11. K.P. Sreejith and Vincent Mathew, Optical Properties of Planar and Annular Ternary Superconducting Photonic Crystals in Near-Zero-Permittivity Operation Range, *Journal of Superconductivity and Novel Magnetism*, Volume 32, Issue 8, pp 23972407 (2019)

12. NM D'souza and Vincent Mathew, "Photonic Crystal Based Logic Gates", in *Advances in Photonic Crystals and Devices*, CRC Press (2019)

13. Y Gul, G Creeth, D English, SN Holmes, K Thomas, I Farrer, DJP Ellis, DA Ritchie, M Pepper Conductance quantisation in patterned gate In<sub>x</sub>As/Ga<sub>x</sub>As up to 6×(2e<sup>2</sup>/h) *Journal of Physics: Condensed Matter*, 2019 <https://doi.org/10.1088/1361-648X/aaf05>

## Department of Zoology

### Faculty achievement

1. Dr. Sudha K, Associate Professor has been promoted as Professor.
2. Dr. Sudha K. has conducted a five day INSPIRE Internship Science Camp (funded by DST, Govt. of India) for HSS students which was held at Central University of Kerala, from 21<sup>st</sup> -26<sup>th</sup> December, 2019. She served as the Programme Co-ordinator for the 2019-INSPIRE internship.
3. Dr. H.P. Gurushankara has presented a paper on Novel Antimicrobial and Anticancer Anuran Peptides at the 46th Annual Conference of The Indian Immunology Society "IMMUNOCON 2019" from November 14<sup>th</sup> -16<sup>th</sup> 2019, at DAE Convention Centre, Anushaktinagar, Mumbai, India.

### Publications

1. Kottarathil, H. A., Sahadevan, A. V., Kattamballi, R., & Kappalli, S. (2019). *Norileca indica* (Crustacea: Isopoda, Cymothoidae) Infects *Rastrelliger kanagurta* Along the Malabar Coast of IndiaSeasonal Variation in the Prevalence and Aspects of Host-parasite Interactions. *Zoological Studies*, 58 doi: 10.6620/ZS.2019.58-35.
2. R.M.V. Nikhila, O.K. Drisya, K. Rijin, T.M.V. Mumthaz, A.K. Helna, Viatcheslav N. Ivanenko, Sudha Kappalli (2019). Copepod crustaceans parasitizing marine fish of the Kerala coast, India. *Arthropoda Selecta* 28(4): 529544. [KMK Scientific Press Ltd., Russia].

### Students Achievements

Research Students from the research lab of Dr. Sudha K. have presented following research reports in the International conference on frontiers in marine science challenges and prospects (MARICON 2019) organized by School of Marine Sciences, Cochin University of Science and

Technology, Kerala:

1. Amrutha Vani S presented on Uropod and Maxillule-appropriate appendages for the characterization of biphasic moult stages in isopods.
2. Nikhila Reshma M.V, presented on Parasitic copepods infecting the marine fishes- a search on its host specificity.
3. Aishwarya Nath, T. A. presented on Morphometry of male reproductive system in *gelasimus hesperiae* (crane, 1975) (Brachyura, Ocypodidae) in relation to molt cycle stages.
4. Aswathi K presented on Marine fishes of Malabar coast: potential hosts for lernanthropid copepods.

### Ph.D. degrees awarded

1. Dr. Arun D obtained his Ph.D. degree under the guidance of Dr. L. Divya.
2. Dr. Sruthi obtained her Ph.D. degree under the guidance of Dr. L. Divya.
3. Dr. Prabitha Mohan obtained her Ph.D. degree under the guidance of Dr. P.A. Sinu.

### Students admitted for PhD programme

1. Charutha K. (UGC-JRF) joined the research lab of Dr. Sudha K.
2. Sreya Ashokan (UGC-JRF) joined the research lab of Dr. Sudha K.
3. Awanthika K (UGC-JRF) joined the research lab of Dr. Ramachandran K.

### Special Lecture in the Department:

**Dr. Ravi Ram Kristipati**, Scientist, Embryotoxicology Laboratory, Environmental Toxicology Group, CSIR-Indian Institute of Toxicology Research, Lucknow had delivered a special lecture on "Drosophila: reproduction to reproductive toxicity" on 13-March-2019.



# Department of Public Administration & Policy Studies

## National Seminars/ Conferences:

A Two Day National Conference on "Constitution and Democracy: 70 Years of Indian Experience" was organised on 26<sup>th</sup> and 27<sup>th</sup> November, 2019. Prof. (Dr.) G. Gopa Kumar, Hon'ble VC inaugurated the Conference. Prof. (Dr.) R.L.M. Patil, former Dean and Head, Department of Political Science, University of Bangalore delivered the Keynote Address. Dr. T.P. Senkumar I.P.S., Former Director General of Police, Kerala; Dr. Jacob Thomas I.P.S., Director General of Police, Kerala; Prof. (Dr.) K.C. Sunny, VC, NUALS, Kochi; Prof. (Dr.) K. Jayaprasad, Pro Vice Chancellor, CU Kerala; Prof. (Dr.) M. S. John, Professor, Department of International Relations and Politics, CU Kerala and Adv. T.G. Mohandas presented papers on a wide range of areas viz. "Sovereign, Socialist, Secular, Democratic Republic" Indian Judiciary, Indian Federalism, Correcting the Inequality, Governance in India, Parliamentary Democracy, etc.



## Invited Talk/ Lecture Series:

1. Organised an Invited Talk on "Endosulfan Issue: Myth and Reality" on 06<sup>th</sup> November, 2019. The talk was delivered by Prof. (Dr.) Ravindranath Shanbhogue, President Human Rights Protection Foundation and formerly Professor of Pharmacology, Manipal University and Prof. (Dr.) Sreekumar, Department of Agricultural Entomology, Kerala Agricultural University, Padennakkad Campus, Kasaragod. The programme was coordinated by Dr. Devi Parvathy.



1. Organised a Two Day Invited Lecture Series of Dr. Himanshu Roy, (Senior Fellow, Nehru Memorial Museum & Library, New Delhi) on Democracy and Human Rights held on 10<sup>th</sup> & 11<sup>th</sup> December, 2019 in connection with the Observance of Human Rights Day Celebrations, 2019.



## University Level Essay Competition:

University Level Essay Competition was held as part of the Constitution Day Celebrations, 2019-20 on 18<sup>th</sup> December, 2019. Topic of the Competition was Relevance of Fundamental Duties of an Indian Citizens. Ms. Shristi Achar A. (I MA, Dept. of Economics), Ms. Maneesha A. (II MA, Dept. of PA&PS) and Aijaz Ali-dar (Research Scholar, Dept. of IR&P) won the First, Second and Third Prizes respectively.

## Internship Programme at National Human Rights Commission, New Delhi:

Five students of II MA viz. Anamika M.; Fathimat Tamsheer A.P.; Joice Joseph; Sivajith Sasi and Umaimath K.M. got selection for the Winter Internship Programme of National Human Rights Commission, New Delhi from 15<sup>th</sup> December, 2019.

## Internship at District Collectorate, Kasaragod:

The students of the Department got unique opportunity to undergo Internship at the District Collectorate, Kasaragod. Thirty-Three Students attended the Two Weeks Internship Programme in the month of October, 2019. At the end of the programme, the District Collector issued Certificate of Appreciation to the participants.

## UGC NET, December, 2019:

Sivajith Sasi of II MA cleared the UGC NET Examination held in the month of December, 2019 conducted by National Testing Agency. So far, twelve (12) students of the Department have cleared UGC NET/JRF.

## Selected for Model United Nations Malaysia:

Mr. M. Prabhakar of II MA has been selected for participating in Asia Youth International Model United Nations to be held at Kuala Lumpur, Malaysia. The programme will be held from 15<sup>th</sup> to 18<sup>th</sup> February, 2020.

## C A D E M I C CONTRIBUTIONS OF THE FACULTY MEMBERS:

**1. Prof. (Dr.) M R Biju:****(II) Edited Volume**

Demonitization, Economic (iv)  
Slow Down and Energy Future,  
Concept Publishing Company, New  
Delhi, Releasing shortly

**(III) Chapters Contributed in Edited Volumes**

(i) A conceptual relook into Human Rights and Social Justice principles with Panchayati Raj in Nagendra Ambedkar Sole and Subhasis Bhadra (Ed.), "Social Policies in India: Contemporary Perspectives", ABD Publishers, Delhi, 2019, ISBN 978-81837-66-87-6 pages 56-85.

(ii) Disaster management: A Paradigm Shift in Public Policy in Public Policy in India': Changing Contours Edited by Nagendra Ambedkar Sole and S. Sudhakar Babu (Festschrift in honour of Professor I. Ramabrahmam) Segment books, New Delhi 2020. pp 108 126. ISBN 978-93-81513-14-9

(iii) 'Human Rights and Social Justice under Decentralization', in Neelima Deshmukh, Dialectics and Dynamics of Human Rights, Shanti Prakashan, Delhi 2019 ISBN 978 - 93 - 5070 - 387 - 8. pp 209 245

**(IV) Research Papers and Articles Published**

(i) The RTI (Amendment) Bill, 2019, South Asia Politics, Vol.18, No.7, pp.22-28, November, 2019.

(ii) The 17<sup>th</sup> Lok Sabha Polls 2019 in Kerala; A Decisive Political Vote, Mainstream, Vol. LVII, No.39, Sept.14, 2019, pp.11-24., ISSN 0542-1462

(iii) Performance of Non-BJP Parties in India's 17<sup>th</sup> General Elections, 2019, Mainstream,

Vol. LVII, No.47, Nov.9, 2019, pp.24-32, ISSN 0542-1462

The 17<sup>th</sup> Lok Sabha Polls in Kerala: A Decisive Political Vote, Not a Minority Consolidation, South Asian Journal of Socio Political Studies, Vol.XX, No.1, July-December, 2019, pp.55-63, ISSN 0038-4046.

Debacle of the Congress and Left in the General Elections, South Asia Politics, Volume 18, No 8, December 2019.

The Citizenship (Amendment) Act, 2019, South Asia Politics, Volume 18, No 9, December 2019.

Political significance of the 2019 General Elections in India, IDEAL Journal of Legal Studies, (IDEAL Institute of Management and Technology, Delhi) Volume 10, No 10, August 2019 ISSN 2231 0983.

General Elections 2019 in India: Political Interludes behind the success of the BJP and the NDA, Social Science in Perspective, Volume 11, Issue 3 & 4, July August and October - December 2019. pp 332 348. ISSN 0975-5497

**Dr. RamaRao Bonagani****(I) Paper Presentation**

(i) Presented a paper on "Corporate Governance and Companies Act of 2013 in India: An Analysis" at the Three Day National Seminar on the theme of 'Emerging Issues in Corporate Governance in India' organized by the Department of public Administration, University of Kerala held from 6<sup>th</sup> to 8<sup>th</sup> November,2019.

**(II) Publications**

(i) Published an article on "People's Participation in Rural Development: Policy

Shift under Janmabhoomi Programme in Andhra Pradesh" in the Research Journal of Humanities and Social Sciences(RJHSS), Volume 10, Issue 4, October - December, 2019.

Published an article on "Propositions for a Humanistic Displacement of People for the Development of the States in the World", in the Research Journal of Humanities and Social Sciences(RJHSS), Volume 10, Issue 4, October - December, 2019.

Contributed a chapter entitled "Social Sciences Higher Education Pedagogy Issues in India" in an edited book on "Teaching Learning Strategies in Higher Education", edited by Dr. Kandi Kamala, Gen Next Publication, New Delhi.

Contributed a chapter titled "E-Governance Policies in An Indian Administration" published in an edited book on 'e-Governance: A New Age Tool for 21<sup>st</sup> Century Challenges', edited by MSR Krishna Prasada Rao & Dr. D. Chandramouli Reddy. This was published by Navyug Books International, Delhi.

**News Items Invited**

HODs and Section Heads are invited to Submit news items and activity reports for the period January-March 2020 for the next edition of Newsletter to the Media Relations Office

E-mail:  
newsletter@cukerala.ac.in  
in word file with original photographs (Please provide the photographs as jpeg image)



# ART, CULTURE AND PHILOSOPHICAL TRADITIONS OF KERALA



Famous Malayalam poet and lyricist, Shri. Sreekumaran Thampi inaugurated two day national seminar in CUK on Art, Culture and Philosophical Traditions of Kerala. The seminar is jointly organized by the School of Cultural Studies, Vidyadhiraja Chattambi Swamikal Centre for Classical Malayalam Language and

Mahatma Ayyankali Centre for Kerala Studies, CUK in association with the Indira Gandhi National Centre for Arts, New Delhi.

Prof. (Dr.) K. Jayaprasad, Pro-Vice Chancellor presided over the inaugural ceremony. Dr.A.Radhakrishnan Nair, Registrar, Dr.E.N.Sajith, Regional Director, IGNCA, Thrissur, Prof. N.Ajith

Kumar, Dean, School of Languages and Comparative Literature felicitated the function. Dr.V.Rajeev delivered the welcome speech and Dr.R.Chandrabose proposed vote of thanks. The book written by Dr.R.Chandrabose, 'KAVITHAYUDE SWARAJYAM' was released during the inaugural ceremony.

## World Mental Health Day



The Department of Yoga Studies and the Health Centre of the Central University of Kerala jointly organised World Mental Health Day 2019. The theme for the year is "Suicide Prevention". The programme was inaugurated by Dr.M. Muralidharan Nambiar, Controller of Examinations. Dr.Rajendra Pilankatta, Dean, School of Medicine and Public Health and Associate Professor,

Department of Bio-chemistry delivered the welcome speech. Dr.Amar S Fettle, State Nodal Officer, Adolescence Health Division, Trivandrum and Dr. A.C. Padmanabhan, Senior Pediatrician, Kanhangad were the Chief Guest and the Guest of Honour respectively. Dr.Subrahmanyam Pailoor, Academic Co-ordinator, Department of Yoga Studies and Dr.Arathy R Nair, Medical Officer, CUK spoke in the

inaugural ceremony. Ms.Athira Nakulan, Clinical Psychologist proposed the vote of thanks. A documentary on Mental Health was screened and a skit on Mental Health and Suicide Prevention was staged by the students of the Department of Yoga Studies. Dr.Amar S Fettle delivered a special talk on Empowering Mental Health in the programme. He also introduced the concept of peer buddies and DISHA to the students. He also gave the message "Let us open our eyes and ears and stretch our hands to the needful". The Department of Yoga Studies conducted a yoga session explaining about the importance of Yoga in mental health. Poster making competition was conducted for the CUK students. Winners of the competitions were given prizes.

# श्री श्रीपद येसो नाइक

माननीय राज्य मंत्री, आयुष मंत्रालय ने नए शैक्षणिक भवन का उद्घाटन किया



Hon'ble Minister Sri. Shripad Yesso Naik inaugurates the Yamuna Block through video conferencing

श्री. श्रीपद येसो नाइक, माननीय । प्रो. (डॉ.) के जयप्रसाद, सम-कुलपति ने राज्य मंत्री (स्वतंत्र भार), आयुष मंत्रालय तथा रक्षा राज्य मंत्री, भारत सरकार ने 24 फरवरी 2020 को योग विभाग भवन (यमुना) का कुलपति ने उद्घाटन किया । प्रो. (डॉ) जी. गोपा कुमार, सामुदायिक स्वास्थ्य स्कूल, डॉ. राजेन्द्र पिलांकट्टा, अधिष्ठाता, चिकित्सा एवं उद्घाटन समारोह की अध्यक्षता की शैक्षणिक समन्वयक, योग अध्ययन विभाग, श्री

जयराजन, कार्यपालक अभियंता, सीपीडब्ल्यूडी और श्री के.जी.राजगोपाल, कार्यपालक अभियंता, सीयूके उद्घाटन समारोह में उपस्थित थे । विश्वविद्यालय के संकाय सदस्यों, गैर-शैक्षणिक कर्मचारियों एवं विद्यार्थियों ने कार्यक्रम में भाग लिया ।

## Sri. Shripad Yesso Naik

Hon'ble Minister of State, Ministry of AYUSH @ CUK



The Yoga Department building (Yamuna) was inaugurated by Shri. Shripad Yesso Naik, Hon'ble Minister of State (Independent Charge), Ministry of AYUSH & Minister of State for Defence, Govt of India on 24th February 2020. The Minister inaugurated the building through video conferencing. Prof.

(Dr.) G. Gopa Kumar, Vice-Chancellor presided over the

inaugural ceremony. Prof. (Dr.) K. Jayaprasad, Pro-Vice Chancellor will delivered the welcome speech and Dr. A. Radhakrishnan Nair, Registrar proposed the vote of thanks. Dr. Rajendra Pilankatta, Dean, School of Medicine and Public Health, Dr. Subrahmanyam Pailoor, Academic Co-ordinator, Department of Yoga Studies, Shri. Jayarajan, Executive Engineer, C P W D and Shri. K. G. Rajagopal, Executive Engineer, CUK were also present in the inaugural ceremony. The faculty members, non-teaching staff and students attended the programme.

