

# Periyar University Newsletter

NAAC A Grade | State University | NIRF Rank 68

January - March  
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*Inking the Future Trajectories*



## AI Digital Labs

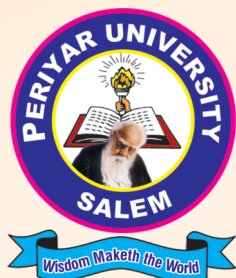


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அறிவால் விளையும் உலகு



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**Periyar University****Salem - 636 011, Tamil Nadu****Phone : 0427 - 2345766, 2345520****www.periyaruniversity.ac.in****From the Vice Chancellor's desk...**

Greetings and best wishes.

It was an eventful portion of the academic calendar in Periyar University campus, the activities of which are chronicled in this edition of the newsletter. Many eminent academicians and thinkers visited the campus to inculcate the seeds for future course of research in various research disciplines to fulfil the objectives of the Faculty Lecture Series.

Significantly, three MoUs have been signed to prioritize our research endeavours in the campus. The collaborations also envisage visits by and to the institutions to further research and training goals. Microsoft, an international giant has come forward to share their cloud resources to help students work projects in Augmented and Virtual Reality in seamless connectivity. Many premier institutions like BITS, ISB, and private universities like SRM and Karunya are part of this project and Periyar University is the only state funded player with whom Microsoft is embarking the Artificial Intelligence Digital laboratories. A refresher course on modern biotechnology tools to promote sustainable agriculture was organised with two other institutions in the campus.

Many workshops and conferences have addressed a wide range of issues and their proceedings have been duly recorded in the following pages. After the Skilling Mission of the government, a vigorous impetus is provided to take forward the mission. In this regard, all the syllabi have been given an outcome based framework and the university will soon be completing the mandated task successfully across all the branches of study for all the levels.

At the outset, it has been encouraging to note that there is an all round character to the activities being carried out in the campus and I hope, with the active and spirited participation of the faculty members and all the stakeholders, the march will be marked by stronger and bolder strides with utmost conviction for the climb to the higher ranks among peers at the national level.



## AICTE Approves Periyar University MCA

The All India Council for Technical Education [AICTE] has given its approval for the MCA programme offered by the Department of Computer Science of Periyar University. This will enable the department to receive funding from various technical agencies viz, Technical Education Quality Improvement Programme [TEQIP], declared the Vice Chancellor.

Vice Chancellor Prof. P. Kolandaivel in his press note highlighted various other academic and other such initiatives underway in the campus and how teaching methodologies have vastly improved after putting in place the Outcome Based Education [OBE] in the revised curricula of the university. He further lauded the tremendous research output of the faculty members because of which the NIRF ranking has jumped to the 68<sup>th</sup> position from 90<sup>th</sup> and assured that all departments

would soon have a fully functional air conditioned state of the art computer labs and the procurement process for requisite software and physical infra were nearing completion.

He congratulated the Dept of Computer Science for arranging High performance computing facility with 250 latest computer systems and seven work stations made available for the common use and improving the research facility with a Rs. 81.50 lakh through SAP DRS II funding.

Due to these developments new PG programmes like Data Analytics and an M. Tech. in Energy have been introduced and the faculty members are involved in research in frontier areas like Artificial Intelligence, Machine Learning, and Deep Learning.



## The Herbal Way of Life is the happiest way to live!

The Department of Botany conducted a Herbal Plant Workshop to explain the process of preparing herbs, including hibiscus, gooseberry, and mudakathan. Herbalist Dr. D. Thakshinamoorthy trained the student-students on herbs and the preparation of various health products.

The Vice Chancellor, who presided over the function, urged the research students to do interdisciplinary research to solve the common problems in the society as all simple problems are multi- dimensional. He further said that the people in university should publish in quality journals and there will be administrative help to speed up the timely submission and viva-voce.





## Periyar varsity figures in the top 100 NIRF list for the fourth time in a row

Periyar University has achieved 68<sup>th</sup> rank among as many as 903 participating higher education institutions in the NIRF 2019 list released by the MHRD, said a jubilant Prof. P. Kolandaivel, Vice Chancellor, Periyar University.

The Ministry of HRD released the National Institutional Ranking Framework [NIRF] 2019 list in which the ranking has significantly stayed within hundred for the fourth time in a row for Periyar University, Salem.

From the 90<sup>th</sup> position last year, Periyar University has jumped to 68<sup>th</sup> rank eclipsing many other institutions in the process.

Every year, NIRF assesses the following five parameters viz., teaching, learning, research, industrial collaboration, graduate outcome, outreach, and public perception of the participating organizations to rank the first hundred.



## Refresher Course in Periyar University on Bio tools for sustainable Agriculture

The Department of Botany along with Indian Academy of Sciences - Bangalore, Indian National Science Academy - New Delhi and Allahabad National Academy of Sciences conducted a refresher course on Modern Biotechnology Tools for Sustainable Agriculture for scholars and scientists.

In the course, various scientific discoveries and techniques were taught by experts through scholarly discussions and newer methods.

The Vice Chancellor described the duty of the teaching community as to teach science education to the future student community by explaining the current technological development and applications in bioscience.

Participants from reputed educational institutions and universities from different parts of the country benefitted from the innovative training.

Prof. J. Bagyaraj, Indian National Academy of Sciences - Honorary scientist & Chairman, CNBRCD, Bengaluru, said that the workshop provided a great chance for the participants to interact with eminent scientists, professors, and FNA / FSC, Bhatnagar Awardees from various research institutes in the country.





## Quality is not driven by numbers



Yes! Thus urged Prof. P.S. Dayasekar of Indian Statistical Institute in the Department of Computer Science organized two-day conference on Patent Recognition, Information and Medical Engineering under a special funding program sponsored by the UGC. He further added patent infringement and knowledge theft are considered dangerous crime in the academic world.

Vice Chancellor Prof. P. Kolandaivel said, "Today, computer-based technology has grown exponentially. So, students and the community have high expectations from the computer science department. Therefore, researchers and professors working in the

computer industry should be committed to the profound growth of the field, considering the prosperous future of the students.

The conference held in a manner that brought together many disciplines. With all three fields of patent, information and medical engineering joining together, the conference was a great eye opener to students.

The scholars and students were urged to consider quality as a benchmark rather than publishing research articles in predatory journals having an eye for the numbers.

## Gandhian principles are still relevant to solve many issues

"There is no other way to confront and solve various problems that exist in the world today except to adapt the Gandhian principles that are appropriate, necessary, and provide a fitting solution for the present period," said Krishnaraj Vanavarayar, a Gandhian thinker himself and president of Bharatiya Vidya Bhavan, Coimbatore in the 150<sup>th</sup> birthday celebrations of Mahatma Gandhi organized by the English Department in March.

The Vice Chancellor enlightened the students about how the father of the nation served the society as social reformer, journalist, editor, and liberator by being a multilingual personality. He awarded prizes to the students who won competitions held in Gandhian thoughts.





## Tasty Tamil Food with an English Tinge

The Department of English, Periyar University conducted a two day national seminar on “Food is not just a Curry: Raison d’etre Food in Literature” to highlight the emerging interdisciplinary studies involving Humanities and Social Sciences and to examine the complex relationship among food, culture, and society and to bring out innovation in food literature.

As the department had completed a decade, the Vice Chancellor announced Rs. 5 lakhs for the development of the department.

Prof. Sripad Bhat, the key-note speaker from Goa University in his address focussed on the foregrounding of food as seen in politics, culture, and identity. He stated that earth has seen many food explosions in the journey of human civilisation in the form of food revolutions in different forms at different ages starting from the Stone Age till now which culminate as a threat of food scarcity.

Dr.Prabakhar from Manonmaniam Sundaranar University, Tirunelveli talked about Taste as a Refinement and on the rhetoric of aesthetic discrimination. His speech emphasised on the essence of deconstructing the discrimination made on the basis of food habits in India when the major consumers are non-vegetarians. Around 250 participants attended the seminar across India and presented papers.

Dr. R. Palanivel former professor and head, Department of English from Bharadhiar University, Coimbatore spoke on how food reflects upon one’s identity, self, and culture with the reminiscence and reflections from his own life. He also spoke on emotional consciousness and how students need to participate in consciousness of their unconsciousness in enhancing their skills.

Dr. Chandrakant Annasaheb Langare, Associate Professor of English from Shivaji University, Maharashtra gave a panoramic picture on the Culinary Aesthetics within the practices of literature by referring to writers like Joseph Conrad and his personal experiences with food, the Tamil writer Bama and her work Karukku by focusing on the practice of discrimination based on food habits, and James Joyce’s protagonist Leopold Bloom’s complex feelings and metaphorical connections with food in Ulysses.



## Empowerment workshop for SC/ST Women

A three day Mushroom Cultivation Training Workshop for SC/ST and Unemployed Women in Salem District organized by the Department of Botany, with a funding from Department of Science and Technology was inaugurated on 06.02.2019. More than 200 tribal and unemployed women from Salem district participated in the event.

Congratulating the participants for their effective attendance, the Vice Chancellor motivated them about the importance of developing such job and entrepreneurship oriented skills by participating in these programmes.

## Faculty Lecture 6

### Scientific enquiry should not be coloured by Prejudice



"Our conclusions should be backed up with sound evidences, our inferences should be without prejudice. We must teach students, not the what and when but the how and why of the concepts and procedures", said the director of Vigyan Prasar Dr. T. V. Venkateswaran, while addressing the Sixth Faculty Lectures series held on 11.12.18.

In his talk he added that "Sun rises in the due east only twice a year and rest of the days it travels either in summer or winter solstice. So, the fact that we believe sun rises in the east is actually not true. All our knowledge are guided by our prejudice, quoting Richard Feynman the scientist advocated organised scepticism as a via media. Information and knowledge are two different things for him and he sounded caution in the usage of these terms loosely. Our per capita expenditure towards advancement of science and scientific temper should be, if not on par with other countries, at least comparable to our population. He advocated that funding for research should be, guided by equity and excellence".

There are no discoveries happening in our country. Only technological advancements are progressing rapidly, opined Prof. P. Kolandaivel Vice Chancellor in the Faculty Lecture Series while participating in the discussion with the speaker.



### Bronze for Fencing

All India Level Men's Fencing competition was held at Amritsar, Punjab and Periyar University teams participated in those events. G. Nallamuniyappan (IM.Sc.), B.M. Gowtham (II B.Sc.) and Periyar University teams participated in those events.

G. Nallamuniyappan (I M.Sc), B.M. Gowtham (II B.Sc.) and Veeramani (II. B.Sc.) won three bronze Medals.

Prof. P. Kolandaivel, Vice Chancellor, congratulated and felicitated them with Rs. 2000/- and appreciated the manager and the coach.





## Electronic chip shakes the very foundation of the functioning of human intelligence : Padmashri G.N. Devy

“Vital human capability of memory has been outsourced by the electronic chip and this development not only shrinks our knowledge, but also shakes the very foundation of the functioning of human intelligence. This type of human dependency on computers and artificial intelligence will only lead to brink of human beings, much ahead of the earth’s end” cautioned Padmashri Ganesh Narayandas Devy in his lecture for faculty members at Periyar University.

Tracing the history of language, he stressed the evolution of human mind all along while tracing the development of language. The point he made was, as long as man was communicating in the present tense, there was no concept of telling lies. Only after the evolution of grammatical structures in language, man started telling lies. This reflects the gradual evolution of intelligence and broadened human consciousness as telling lies requires higher amount of intelligence.

He further continued that the new world order will not be divided between the rich and poor or the literate and illiterate, but between those who know to control these digital machines and those who do not know.

Quoting from an American astronaut, G.N. Devy stressed that life belongs to people who can access energy. Across the globe in search of accessible energy, 35% of the population is constantly migrating at any point in time and technological advances are made to reduce the pain of migration time by excessively increasing the speed. As speed gives the satisfaction for the senses, emotions are tied up to velocity and not the mass anymore. Connecting this, he explained why children are less interested in bodily warmth of parents and how they adapt to solitary life with the gadgets.



## Faculty Lecture 8

### One Teacher One Student for social upliftment : Justice Chandru

Teachers should play a proactive role in the process of social transformation and each teacher must adopt a student from the underprivileged stratum in order to make an impact in the long run which is the need of the hour, averred the former judge of Madras High Court Justice K. Chandru.

He was delivering a lecture on Higher education at cross roads, as part of the faculty lecture series organised by Periyar University on 01.03.2019. In his hour long oration he noted that there has been a

education have misplaced values towards school education. Devaluation of public educational institutions have led to rapid privatization.

Judicial intervention and activism led by Justice Earl Warren in late 60's in the USA paved way for the introduction of mixed schools that slowly drove away the neighbourhood black only and white only coloured schools.

The Supreme Court of India has ruled that liberty was interpreted as the precursor to dignity which is contingent upon education in the landmark Mohini Jain case. Subsequently in the Unnikrishnan case, free and compulsory education was introduced but it lacked implementation clause. Floodgates to privatization was opened in the education sector in the late 90's, by a eleven member bench.

The important cog in the wheel of education, the teacher is not in the decision making circle making it difficult to intervene fruitfully in the process. Teaching should be treated as a profession rather not as an employment avenue. It must allow one

to deserve the position of a teacher rather than retaining it as a decoration.

Prof. P. Kolandaivel, Vice Chancellor honoured the chief guest while Prof. V. Krishnakumar introduced the speaker.



systematic erosion of standards in educational institutions that lead to decay in social values the danger of which is that this process is going unnoticed.

Truthfulness to teachers is becoming all the more necessary as unlettered parents with no formal



## Faculty Lecture 9

### Facilitate students to ask the right question : CUTN Former VC

In the 9<sup>th</sup> Faculty Lecture Series Prof. B.P. Sanjay, former Vice Chancellor of the Central University of Tamil Nadu suggested the teachers to be flexible in their functioning, but strong in their fundamentals of their subject. He stressed that outcomes become meaningful only when the right kind of questions precede the beginning of research. Stating that universities are raised not by the bricks, but by the ideas of the academics, he emphasised that teachers should understand that the present generations may be ahead in the information accumulation, but it is the teacher who is ahead in the knowledge as information and knowledge are two different entities.

Expressing his disappointment that unlike sciences, social sciences, and humanities are under represented in the dialogue of national developmental discourse, all the individuals involved in policy making should be educated on the importance of these disciplines in nation building. He recognized that these are the disciplines that make human being more humane. Focussing on the challenges faced by



the Universities in India, it is the mindset and the attitude of the few that is awfully hindering the progress of Universities in rejuvenating and reinventing themselves into world class institutes. With a note of hope, Prof. B.P. Sanjay, concluded that this vicious cycle of negativity can only be broken when all the stake holders believe in themselves that better education is possible within their efforts.

### Youth Red Cross trains Regional Officers innovatively



An One day Refresher Workshop for Periyar University Regional Youth Red Cross Project Officers was held on 27.02.2019.

Presiding over the event Vice Chancellor Prof. P. Kolandaivel, said volunteer service and commitment should be created among students and young people and lauded the Red Cross's role in times of disaster such as the tsunami.

Activities of the volunteers, health care by hygienic diet, first aid awareness and first aid procedures, the progress and planning for the disaster were the some of the core themes on which the officers were trained.

Polytechnic Zone Coordinator Ramakrishnan, Namakkal District Coordinator Mr. Lokanathan, Salem District Coordinator Mr. Vaidivel, Dharmapuri District Coordinator Mr. Sakthi and many other dignitaries were present at the exercise.

## Good Samaritans Provide Solace to Ghaja victims



Vice Chancellor of the Periyar University, Prof. P. Koldaivel, sent Rs. 4 lakhs worth of relief material to the affected people by Khaja storm. Earlier materials worth of Rs. 8 lakhs had been sent.

Subsequently, the university procured Rs. 4 lakhs worth of goods, including Dhoti, Saree, Lungis, Rice, Lentils, Sugar, Sanitary Napkin etc. and sent them to the affected areas. Volunteers of National Service Scheme programme Unit went directly to the Vedaranyam area and delivered to the affected people.

## One hundred years of solid data on climate documented

S. Balachandran, Associate Director, Meteorological Department said "There are several factors, such as extreme cold, extreme heat, unexpected storms and low precipitation. Studies are being conducted with the help of sophisticated advanced technological tools. The Indian Meteorological Department has documented one hundred years of data on climate to enable more advanced surveys and accurate weather forecasts in the coming period" he added in the two-day National Symposium on Floods, Drought Management Practices and Future Challenges organized by the Department of Geology on 21.02.19.

Eminent scholars like Dr. A.K. Singh, Scientist, the Department of Science and Technology, Government of India and Prof. Prof. Mohammed Aslam, Professor & Dean, School of Earth Sciences, Department of Geology, Central University of Karnataka addressed the audience.





## Intellectual Properties copy - righted

A seminar on Intellectual Property Rights was held at the University on behalf of the Intellectual Property Rights Cell on 05.02.2019.

The Deputy Controller of Patents and Designs, Mr. C. Naveen Andrew, stressed that every researcher should be aware of the importance of intellectual property rights in his address. His talk titled "An Introduction to Intellectual Property Rights" had a number of subsections and their specialties.

The need and importance of protecting intellectual property and preserving every research were the focus of the programme.

One of the special invitees who addressed the gathering was Mr. V. Saravanan, the Deputy Controller of Patents and Designs. In his speech "Patent Pattern in India", he outlined ways to obtain a patent, the methods of renewing it, and the time and cost involved.



## Indian higher education has multicultural needs: NAAC Adviser

Devendra Gowda, Associate Adviser to NAAC, said that the quality of Indian higher education institutes is being updated periodically to meet the changing higher

education environment, technology and learning needs in the one-day awareness workshop by Internal Quality Assurance Cell on 12.02.19.



Vice Chancellor Prof. P. Kolandaivel highlighted how important and mandatory that every institution providing higher education must apply to earn points from the National Institutional Ranking Framework (NIRF) and the National Assessment and Accreditation Council (NAAC); and how funding for research projects could only be obtained based on the secured national ranking.

Speaking on the occasion, Professor M. Senthil of Alagappa University also underlined the importance of the ranking processes to scale international heights.

## Varsities provide quality education to all students Vice Chancellor

"Higher education in university is meant to provide quality education accessible students from all strata of society and it is not primarily driven by monetary considerations" declared the Vice Chancellor, Prof. P. Kolandaivel, while inaugurating the Placement Coaching' and Training - Series organised by the Department of Journalism and Mass Communication.

The training series aims at bridging the academia – industry gap, imparting the knowledge about the requisite skill sets for the aspiring journalism students

and also to expose them the contemporary media scenario for practising journalists.

The Vice Chancellor was indicating the contours of changes in the technology front that drives the functioning of the media in particular. 'The advancement has led to the modifications of the dimensions of communication that has led to different seeking behaviour', he added.

To mark the decennial celebrations of the department the Vice Chancellor sanctioned Rs.5 lakh as a special grant for the development of the department.

Mr. R. Muthukumar, editor, Makkal Kural and Trinity Mirror in his key note address wanted the students to be abreast of the latest development in the field of information technology to be able to survive in the field. He was sharing his pen and paper experience during his early days in the newsroom and how that has metamorphosed into a speech note era where you dictate the news into the mobile and how it is transformed as a news story.



## India discovered Vasco da Gama! : CUTN former VC

"Columbus discovered America where there were only nomads and no established civilized system in place. Whereas it was India which was a well established knowledge society that identified the voyager. Contrary to the popular myth was not Vasco da Gama who discovered India but it is India that discovered him", revealed Prof. B. P. Sanjay, the founder Vice Chancellor of

Central University of Tamil Nadu, Thiruvavur while inaugurating the NET/SET for journalism students in the campus.

Prof. P. Kolandaivel, Vice Chancellor, Periyar University was in all praise for the department of journalism and mass communication that organised the coaching camp for three days catering to the timely

need of the hour of the NET / SET aspirants.

He lauded the department for starting of the five year integrated programme in journalism especially in electronic media considering the contemporary requirement of the industry and for taking steps in full swing to roll out the futuristic course in Virtual and Augmented Reality.



## Private participation in higher education is increasing worldwide : Sri Lankan Varstiy VC

"The active participation of private and religious organizations around the world is increasing as the teaching and communication skills in higher education are undergoing a major change in the twenty-first century," said Professor Jayantha Lal Ratnayake, Vice Chancellor of the University of Sri Lanka in the International Symposium on Information and Communication Technology, organized by the Periyar University Library and Information Sciences Department on 14.12.18.

Speaking at the seminar, Vice Chancellor of the Periyar University, Prof. P. Kolandaivel said, "Information technology is moving towards enormous growth. Neurons in the human corner are the fastest. But today's emerging information technology is running faster. Teachers, researchers and students are increasingly using the information available in it. So we need to know the true nature of such information. The information should be fair and accurate. Only good information on the Internet should be linked to the information that people will use. There are many good

initiatives from Tamil Nadu. The contributions of the great scientific scholars CV Raman, mathematician Ramanujam, philosopher Krishnamurthy and library scholar SR Aranganathan are amazing. So today's students have to design themselves in such a unique way."

At the seminar, the Registrar of the University of Sri Lanka, Yuva Velsana, Dr. Ibathul Karim, spoke on the topic of Knowledge Theft and Ethics in Education.



## Our outreach at Sangeethapatti



## Periyar to take giant strides with Microsoft



Microsoft launches AI Digital Labs in India for which it partners with 10 higher education institutions to provide infrastructure, curriculum, training, access to cloud and AI services and dev tools and support. Nearly 1.5 lakh students will be skilled for a future-ready workforce. Yes, our proud Periyar University has started scaling the digital world along with the digital giant.

With the edge of its Intelligent Cloud Hub program, Periyar University will emerge as one of the learning centers of intelligent technologies and innovation hubs of path-breaking solutions. AI and intelligent technologies are becoming all-pervasive today, driving change across businesses and communities. The evolution of AI and other emerging technologies is expected to create new jobs. Workers at all levels of organizations will need to be skilled for these jobs. These shifts in the talent landscape will require new ways of thinking about skills and training to ensure

that the new workforce is prepared for the future and there is sufficient talent available for critical jobs.

Microsoft is helping to prepare students and the nation's workforce to move effectively from the classroom to 21<sup>st</sup> century careers. This collaboration with colleges and universities will ramp up institutional setup along with educator capability, and provide relevant educational choices for students, helping them acquire the skills needed to fill the wide skills gap emerging across India and the global economy.

As part of the three-year program, Microsoft will support the selected institutions with best-in-class infrastructure, curriculum and content, access to cloud and AI services as well as developer support. The company will facilitate setting up of core AI infrastructure and IoT Hub as well as provide access to a wide range of AI developmental tools and Azure AI Services such as Microsoft Cognitive Services, Azure Machine Learning and Bot Services. Training programs for faculty will include workshops on cloud computing, data sciences, AI and IoT. Additionally, the faculty of the institutions will receive assistance in strategizing content and curricula for project-based and experiential learning.

In the launching ceremony of the programme Prof.V.Natarajan, Member-Syndicate and Professor and Head, Department of Journalism and Mass Communication represented the University.





## Periyar University inks MoU with Singapore's James Cook University



Periyar Institute of Management Studies and world renowned James Cook University, Singapore signed an MoU to collaborate on academic processes, joint research, and consultancy in Taj Coromandel, Chennai on 10<sup>th</sup> May 2019. Prof.P.Kolandaivel, Vice Chancellor of Periyar University and Prof. Chris Rudd Obe, Deputy Vice Chancellor of James Cook University, Singapore, inked the MoU. The Memorandum of Understanding (MoU) document was exchanged between Dr.K.Thangavel, Registrar (i/c), Periyar University,

Salem and Prof. Chris Rudd Obe, Deputy Vice Chancellor of James Cook University.

It facilitates both the institutions to collaborate on various academic activities including students exchange programmes, faculty exchange programmes, joint seminars/workshops, collaborative research in the domain areas like business management, commerce, economic, physics, chemistry, agro-product export / import, international trade, international marketing, international logistics, international finance, export-import procedures / documentation, entrepreneurship, relevant social issues, and new teaching - learning methods for management education. Also, the MoU enables the faculty members and students of Periyar University, Salem to visit the campuses of James cook university in Singapore and Australia and vice-versa.

Prof. V.R.Palanivelu, Professor-cum-Director, PRIMS, will be the local nodal officer and Prof. Deisty Kanniah will be his counterpart to coordinate the activities that arise out of this MoU.



## Mexican Hat for Periyar Academia

Periyar University has signed a MoU with the Institute of Technology and Higher Education (ITESM) Monterrey, Mexico to have international research collaboration. The Vice Chancellor, Prof.P. Kolandaivel detailed that this MoU is mainly focusing on sharing of knowledge-based education and application-oriented research related to Life Sciences, Bioproduct development and biomedical engineering. By this both, the institutions can mutually depute Master students, Doctoral and Post-Doctoral scholars and Faculty members in studies related to Agriculture, Medicine, and Environment. Prof. Ruben Moreles-Menendez of ITESM Mexico and The Registrar

(i/c), Prof. K. Thangavel, signed in the MoU and discussed about the terms and conditions of the MoU.



## Workshop lays strong foundation in Mathematical Analysis

The Department of Mathematics, Periyar University organized National Workshop on Analysis and Applications to provide opportunity for teachers in Universities/Colleges to learn a sound foundation of mathematical analysis and their applications in various fields of mathematics.

Prof. Ponnusamy (Indian Institute of Technology, Chennai) highlighted the scenario of research and teaching in the country. He insisted to publish quality research papers in good international journals to meet the basic requirements of funding agencies.

Prof. Somasundaram (Manonmaiam Sundaranar Univeristy, Tirunelveli), Prof. Jaydeb Sarkar, (Indian Statistical Institute, Bangalore), Prof. M. Marudai (Bharathidasan University, Trichy), Prof. Sri Ram (A.M. Jain College, Chennai) and Prof. G.P. Youvaraj (University of Madras, Chennai) delivered series of lectures on various topics in analysis, in particular real analysis, complex analysis, and functional analysis.



Prof. P. Kolandaivel in his inaugural address pointed out that Periyar University is committed to train teachers of affiliated colleges and equip their knowledge in the concerned subject that would help them to teach their own students in a better way.

About 90 participants including faculty members and research scholars from various Universities and affiliated colleges of Periyar University participated in this workshop.

## Mega Medical Camp at the University

Vice Chancellor of the University Prof. P. Kolandaivel inaugurated a Mega Medical Camp for Periyar University Teachers, Administrative Staff and Student-Students.

This mega medical camp was conducted for two days on behalf of the Periyar University Library Science Department. Doctors from three hospitals - Gokulam

Hospital, Sasi Eye Care and The Dental Care - performed eye, dental and full physical examinations.

In recent years, diseases spare no age group- from new born through the adult to the elderly. Therefore, it was stressed in the camp that everyone should have a complete physical examination periodically to ensure good health. Careful attention should be given to health care as today's blood sugar, blood pressure and heart ailments can easily strike even young people. In view of this, free medical camp was held for two days for the benefit of more than 3000 faculty, administrative staff and students of Periyar University.

Gokulam Hospital Executive Director Dr. Ardhanari, Ophthalmologist Sasikumar and Dentist D. Ramkumar conducted the camp.





## Microbes to mitigate the effects of climate change



The Department of Microbiology organized a programme to sensitize the role of computer applications in life sciences. An environment for teaching computer-based subjects in life sciences like Computer Microbiology, Biomechanics and Bioinformatics was introduced.

The central topic of the three day international event called Role of Efficient Microorganisms in the Sustainable Development of Environment, Agriculture and Health was, 'To use global micro organisms to address global climate change, to reduce rising temperatures and to reduce the amount of carbon dioxide in the air.'

Speaking at the launch of the International Symposium,

Dr. K. Kathirvelu, Scientific Analyst at the Defence Research Development Organization (DRDO) said, "The role of effective microorganisms is important in military research. Adapting itself to the changing season, they are capable of producing many useful items for military use. The role of skilled microorganisms is important in conducting research on cold poles, such as Antarctica, and its usefulness in ensuring the use of military personnel working in extreme cold areas such as the Himalayas."

Prof. Lakshmana Perumal Samy, an environmental scientist and professor of Bharathiyar University advocated for microorganisms to be used to reduce the increasing temperature in the atmosphere and the amount of carbon dioxide in the air.

Researchers presented articles at this three-day international symposium, focussing on the sustainable development of microbes and their many uses.

More than 14 scientists shared their research in various fields, including the most famous researchers in organic agriculture in the country, Gesam Soytang from Thailand, Jin San Anthony, and Dr. Ilavazhagan from Singapore, Syed Dastasheer from Pune. More than 150 research papers were submitted by young scientists.

The programme was sponsored by the Department of Biotechnology (DBT), Department of Mid-Sciences and Technology (DST), University Grants Committee (UGC), and Tamil Nadu State Science and Technology (TNSCST).





## Science and technology drive social and economic changes



“Developments in Science and technology are mutually contributing and are powerful forces in determining the social and economic changes of a country” was the opinion of Prof. V. Ramakrishnan, former Director of Indian Institute of Science Education and Research while addressing the National Science Day Celebration.

On the National Science Day, the Best Teacher and Best Researcher Awards were given to science and arts faculties from affiliated colleges.

Presiding over the event, Prof. P. Kolandaivel said ‘Sir C.V. Raman's invention was a rare discovery.

Isaac Newton's invention, DNA invention, and transistor invention are other discoveries with very simple fundamentals. Science has taken on a new dimension. The awards given to teachers and researchers on behalf of Periyar University today will inspire them and hope to make them better academics and researchers in the future. Young researchers should be actively working in the field of study’ he added.

Prof. V. Ramakrishnan, former Director of Indian Institute of Science Education and Research, urged the researchers to approach the study with questions about when, what and how of various phenomena.



## Birds of different feathers flock together, so do scholars : VC

Scientific innovations are easily possible when scholars of different disciplines work together, said the Vice Chancellor in the two day International conference on Current Approaches in Nutraceuticals and Food Technology for Diabetes Management on 24.01.2019.

Dr. Ravinder Singh (Sr.Scientist C), Non-communicable Diseases Division, Indian Council of Medical Research, New Delhi enlightened the audience about how psychology, physiology, and food technology play a sumptuous role together in the health, especially, in healthy maintenance of blood sugar level.

Dr. Pasupuleti Viswesvara Rao, Institute of Food Security and Sustainable Agriculture, Universiti Malaysia Kelantan, Malaysia, Dr.Rajesh Ramasamy,



Head of Immunology Unit, Department of Pathology, University Putra Malaysia, and Prof. Chamila Vinodanee Liyanage, Wayamba University of Srilanka graced the event.

## MoU through Career Guidance & Placement Cell

Periyar university career guidance & placement cell has signed two Memoranda of Understanding (MoUs).

Bangalore based HireMee and Salem based Sona Yukti Pvt Ltd. tied up with Periyar University Career Guidance & Placement Cell. Through this valued venture the students from Periyar University and its affiliated Colleges would get employment opportunities.

Mr. Chocko Valliappa, Founder and CEO, HireMee, highlighted that, through this MoU, the students skill level would be assessed and shared to many reputed firms in and around India through HireMee free of cost.

Mrs. Soujanya Prakash, Associate Vice President, Shri. Krishnan, Retd.Wing Commander and Chief



Advisor, Vijay Gauley-Head Institution, Shri.Girish Rai.D, Head-University Relations, all associated with HireMee facilitated the programme.



## Skill festival showcases Students' Talents



The PRIMS organized a student skill festival to showcase the talents, technology, and creativity embedded in students.

More than 400 students participated in these competitions aimed at honing the unique skills of students from Arts and Engineering Universities and Colleges in Tamil Nadu.

Over 400 students from all over Tamil Nadu participated in these competitions to showcase their creative and intellectual skills. Prizes were awarded at the closing ceremony to the students who won the competitions.

A. Ananthakumar, Managing Director (ANS Ltd.), Dr. K. Kumarasamy, Syndicate Member, Rajanakapathi Sekhar, Managing Director (Mantra Ltd.) felicitated the event.



## Psychologists save lives by counselling

Department of Psychology organized an Advanced Counselling Skills workshop on 11.10.18. Delivering the keynote address Prof. K. Thangavel, Registrar said mental health counselling is not confined to one department. As of today, the services of mental health counsellors are needed in all fields. Those who work in the field of science cannot advise only those in the field.

Rev. Fr. SS Sahayaraj trained the students and other participants on advanced counselling skill areas required to solve the modern day psychological and adjustment issues.

This is why the idea that mental health counselling should be provided with specialized training is emphasized.



The Registrar lauded the Department of Psychology for organising affirmative action workshops.



## Individuals make society; so do social problems

"The remarkable species of human beings may sometimes create problems on their own and if untreated they become social problems" said Prof. P.Kolandaivel, Vice Chancellor in the Two day national workshop on the Psychological Test Construction organized by the department of Psychology held on 06.02.2019.

The Vice Chancellor also congratulated the Department of Psychology for its successful completion

of ten years of service in Periyar University.

Dr. Premanand, Associate Professor of Psychology in St. Agnus Centre for Post Graduate Studies & Research, Magalore, Karnataka provided the hands-on training to the participants in this psychological testing programme from 06.02.2019 to 07.02.2019.

Mental health professionals, researchers, professors, and students participated in the programme.



## Science is to work in the field and not just be confined to the lab : Vice Chancellor

"Discoveries in science are for the development of the society and not merely for the extension of the laboratories but expansion of the knowledge of the commoner" said the Vice Chancellor of the Periyar University, Prof. P. Kolandaivel in the National Seminar on the Applications of Behavioral Technology organized by the Department of Psychology. He further added that "One man one medicine is not possible when the symptoms are of multiple biopsychosocial anomalies. An individual may suffer from one particular issue of health but the root cause is connected with the total body that functions through multiple interconnected systems. Hence, the treatment is also shall be of multi-

prong in nature. The commoner may not know the availability of such alternative poly-therapeutic strategies for their health issues".

"Hence, it is the duty of the scientists to make the knowledge discovered by them to disseminate among common people keeping in mind that they ultimately ought to serve the larger society".

Prof. D. Vedagiri Ganesan, Former Professor & Head, Department of Psychology, Bharathiyar University & Director, Global Institute of Behaviour Technology Coimbatore, trained the participants on modern behavioural therapeutic skills.



## Social scientists need to solve side effects of science

"Scientific discoveries sometimes have adverse consequences on earth and in society and social scientists like sociologists and psychologist alone can solve them" lauded Vice Chancellor Prof. P. Kolandaivel in our Sociology department's 10<sup>th</sup> anniversary celebrations with a national symposium titled 'The Sociology of Today's society on 05.03.19.

He further highlighted that how the formation of a college in a nearby district unpopular for child and immature marriage has reduced them significantly.

In the mega event the Lifetime Achievement Awards were awarded to professors who have made rare achievements in the field of sociology viz., Prof. D. Dwaraki University of Gandhi Gram Rural University, R. Kannan, Madras Kamaraj University, J. Krishnamoorthy of Annamalai University, S. Sokalingam, V. Sampasivam, Jayadurai of Madura College, K.Rathi Devi of Mother Theresa University.



## The art and culture of Salem must be restored: Tamil University Former VC

“Language is the saviour of Culture and it must be protected if culture is to be protected. In this manner, the art and cultural elements that flourish in the Salem district should be rejuvenated.” said the Tamil University former VC Prof. E.Sundaramoorthy in the World Mother Tongue Day that was celebrated on 21.02.19. It is celebrated worldwide by United Nations and the function was organized by the Publication department.

He further added, “Language and grammar are cultural artifacts. Therefore, art, culture, language and history are operating in a unified field. The United Nations announced this year as the International Year for the Mother Tongues. Our literature is a book that many scholars enjoy. Our literature is not only aesthetic but also biological. Language is the protective vault; the culture of the mother tongues must be protected if the language is to be protected. Thus, the arts and cultural elements that flourish in the Salem district should be restored.”



Vice Chancellor Prof. P. Kolandaivel assured the support through the fine arts forum to showcase cultural talents of university students and to support the development of art, culture, and language. The director of the Dr. M. Rajamanikanaar Journalism Research Center, Prof. M.R. Arasu felicitated the event.



## Children to be empowered against predators

“Children are smaller but their untreated issues are bigger in our society” said the Vice Chancellor at the “Prevention of Child Sex Abuse and Relationship building” in the two day workshop of the Department of Psychology to address the issues and empowerment against child sex abuse.

The Vice Chancellor further added that if the childrens problems are not addressed at its first occurrence the problems will become bigger and the society will face worst consequences; hence, the parents or the immediate care takers of the children should mindfully watch any negative change in the behavior of the children howsoever small it may be.

Dr. Roopesh, Associate Professor from the Clinical Psychology department of NIMHANS, Bangaluru trained the participants on identification, prevention, and treatment of child sex abuse.

## பன்முகநோக்கில் இலக்கியங்கள்

பெரியார் பல்கலைக்கழகத்தில் இரண்டுநாள் பயிற்சிப் பட்டறை

தமிழ்த்துறையில் 'பன்முகநோக்கில் இலக்கியங்கள்' என்னும் தலைப்பிலான இரண்டுநாள் பயிற்சிப் பட்டறையின் தொடக்கவிழா 26.03.2019 அன்று நடைபெற்றது.

இவ்விழாவினைத் தொடங்கிவைத்த பெரியார் பல்கலைக்கழகத் துணைவேந்தர் பேராசிரியர் முனைவர் பொ. குழந்தைவேல் அவர்கள் தலைமையுரையாற்றுகையில், “இருமுறை சாகித்திய அகாதெமி விருது பெற்ற கவிஞர் சிற்பி போன்றோர் வருகை சிறப்பு அளிக்கிறது. நுண்கலைமன்றம் போன்ற பல அமைப்புகள் பல்கலைக் கழகத்தால் தொடங்கப்பட்டுள்ளன. இவ்வமைப்புகளை மாணவர்கள் நன்குப் பயன்படுத்திக் கொள்ளவேண்டும். பல்வேறு தமிழறிஞர்களை ஒன்றிணைத்தும் பல ஆய்வாளர்களை அழைத்தும் இது போன்ற நிகழ்வுகளை நடத்தவேண்டும்.” என்று கூறி தனது தலைமையுரையை நிறைவு செய்தார்.

சாகித்திய அகாதெமியின் தமிழ்மொழி ஒருங்கிணைப்பாளரும் கவிஞருமான பேராசிரியர் முனைவர் சிற்பி பாலசுப்பிரமணியம் நவீனத்தமிழ்க்கவிதை என்னும் தலைப்பில் சிறப்புரையாற்றுகையில், “தொல்காப்பியம் போன்ற இலக்கண நூல்களை மதிப்பெண்களுக்காக படிக்காமல் வாழ்க்கைக்காகவும், எழுதும் எழுத்துக்களுக்காகவும் படிக்கவேண்டும். தற்போது பல்வேறு விதமான படைப்பிலக்கிய கால வரலாற்றைக் கொண்ட தமிழ்க் கவிதை மரபு பாரதியிலிருந்து புதுமைப் பெறுகிறது. பலமொழிகளைக் கற்று உலக இலக்கியப் போக்கை புரிந்து கொண்ட பாரதி தமிழ்க்கவிதைகளில் புதுமைகளைப் புகுத்தினார். பாரதியின் காலத்தில்தான் தேசியம் பாடுபொருளாகிறது. தமிழர்களைப் போன்றே ஜப்பானியர்களும் அரிசி

உணவுப்பிரியர்கள். அவர்கள் தயாரிக்கும் பொருட்களுக்கு ஹோண்டா (Honda), டொயோட்டா (Toyota) போன்ற அரிசி வகையின் பெயர்களையே நிறுவனப் பெயர்களாக வைத்துள்ளனர்” என்று கூறி தனது சிறப்புரையை நிறைவு செய்தார்.

பிற்பகல் அமர்வில் கவிஞர் மகுடேசுவரன் தற்காலத் தமிழ் இலக்கணம் என்னும் தலைப்பில் உரையாற்றுகையில் காற்புள்ளி, அரைப்புள்ளி, முக்காற்புள்ளி, முற்றுப்புள்ளி ஆகிய குறியீடுகளை அமைக்கும் இடங்கள், பல்வேறு தொகை வகைகள், வல்லெழுத்துமிகும் மிகா இடங்கள் முதலிய அடிப்படை இலக்கணங்களை எளிமையாக எடுத்துக்கூறி மாணவர்கள் எழுப்பிய வினாக்களுக்கு உரிய பதிலை வழங்கி தனது உரையை நிறைவு செய்தார்.





## Cast your Vote ; Claim your Right : Former CJI

Former Chief Justice K.G. Balakrishnan said, "If we are to defend basic rights and equal rights, we should voice not only for our rights but also for the poor and the voiceless", in the two-day workshop titled Equal Opportunity - Problems and Challenges on 05.02.2019.

In the Equal Opportunity cell arranged event, the Former CJI further said "Thanthai Periyar is the first of the fighters for equality in this country. I am proud to speak of employment in the name of that proud



social reformer. His hard work has dismantled various dominions and left their benefits to the next generation. Today we have a good living environment. However, equal opportunity still does not exist. That is why development projects such as reservation are being implemented. It is our duty to create opportunities for women, the differently abled, the socially neglected, the children and the minority in every position".

Prof. P. Kolandaivel assured that the campus will soon become differently abled friendly.



## Reward for Women's competency

A Legal Awareness Quiz Competition was held for creating awareness among woman students. Periyar University's Women's Studies Center, in collaboration with the National Commission for Women conducted the competition for women on 28.12.2018. Questions were asked from fourteen laws, including women's property rights, dowry laws, and women's rights. 222 students from Periyar University Departments, Constituent Colleges, Extension Centers and Colleges affiliated to Periyar University participated in this mega competition.

The Vice Chancellor of the University Prof. P. Kolandaivel presented cash prizes to the winners of the competition.

## International day of Yoga



## Vigilance Awareness Programme



## Voter's Awareness Programme





## Dept. of Physical Education Demonstration of Skill and Athleticism





## Varsity bids farewell to retirees

Three veteran professors and one well experienced staff in the office were honored on their retirement by the Vice Chancellor.

Prof. C.Venkatachalam who is known for his social services in the villages around Periyar University and academic services in the department of sociology and Prof. P. Perumal who is known for his academic contribution in Bio-technology were the founding professors and Heads of their department concerned.

Dr. N. Subramani, the Librarian of the University, is known for his hard work in the establishment of the enviable Library and other databases.

Mr. L. Thangaraj, Office Assistant, is known for his humble heart and hard work. Professors, Nodal Officers, and Administrative Staff bade adieu and paid encomiums for their selfless service in the event.

