

From our Director's Desk...



Dr. V.V. Pyarelal

Scientific medical care not only improves people's functional ability and quality of life but also enhances life expectancy. Medicine is often described as the science and art of healing and comprises a wide variety of healthcare practices to prevent and cure diseases. Drugs and medicines have a crucial role in therapy in any practical medical system. Better forms of treatment may require an improved or new focus of drugs; often new diseases emerge demanding drugs to be discovered through a concentrated effort of research.

Drug discovery is painstaking work involving lengthy research and trials; it is also an area having lucrative areas of growth. Development of new drugs and diagnostics, cellular and molecular studies to understand diseases, development of contraceptive agents and devices, a systematic evaluation of the medicinal properties of natural products, development of technology for drugs, intermediates and biologicals and the consultancy and development of technical manpower are the essential areas of research.

Regulatory pharmacological studies constitute an essential part of preclinical investigations. They explore and find out whether a substance has the potential for activity in the organ systems other than the one targeted for therapeutic purposes. The capability of developing a drug from the conceptual to the market stages is a long and tedious journey. Modern medicine is faced with innumerable challenges by the findings of new variety of diseases and hence the latest techniques and methodology should be employed in the development of drugs, diagnostics and vaccines through a multidisciplinary research oriented approach.

News & Events

Lamp lighting ceremony for the junior nursing students to initiate them into the profession as responsible healthcare providers was conducted on 14th May 2011. Nursing is a profession with ethics, a profession devoted to human and social welfare which emerged as a consequence of the dedicated efforts of its founder in whose memory the lighting of the lamp followed by the Nightingale pledge is mandatory for every nurse. The school of nursing celebrated this ceremony for the 28th batch with Ms Jayalakshmi Anilkumar to inaugurate the function. A ceremonial march past sustained by the school band led the dignitaries to the colorfully decorated stage which was prepared by the talented and creative nursing students. Dr. V V Pyarelal, the director of the KVM trust chaired the function while the Principal in charge, Mrs. K S Mani read the report of the activities of the year. This was followed by felicitations, the lighting of the ceremonial lamp, the distribution of lamps and finally the nightingale oath led by the Nursing Superintendent of KVM Multi Speciality Hospital, Mrs. Sumathikutty. The function culminated with a series of cultural programmes and a sumptuous lunch.

by MSc students Antony Vithayathil, Sr. Rosily Palatty and Surya Devi S. Refreshments followed.

The intellectual sessions began with a talk on *Biomedical Waste Management* by Ms Fini K Mathew, infection control nurse from AIMS Cochin. She discussed at length the definition of waste management and precautions which are essential for the prevention of infection in a hospital setting. She also suggested various remedial measures that could be put to practical use.

The next session dealt with *Occupational Safety and Post Exposure Prophylaxis* by Dr. Sajith Kumar, Assistant professor, dept. of community medicine, TD Medical College, Alappuzha. His wide experience provided



Workshop on Infection Control

The workshop on *Infection control* was organized by the first year MSc students under the capable guidance of Associate professor Mrs. Beena Varghese on the 29th of July 2011 in the KVM College auditorium. Over 120 delegates from different parts of the state participated in the one day programme. Registration for the programme began at 8 am followed by a pre test for the participants at 9am. The official inauguration was presided over by Dr V V Pyarelal, the Director of the KVM Trust who delivered the inaugural message, followed by messages and felicitations by Professor Girijamany, Principal College of Nursing, Sr. Dr. Vijaya Puthusseril, MSc Co Ordinator, Professor S V Bhanu and Dr Marie Louisa Francis, HOD (English).



The academic session began with an introduction to the topic by Mrs. Beena Varghese, Associate Professor, College of Nursing followed by an overview of the topic

Editorial...



Dr. Marie Louisa Francis MA, M.Phil, Ph.D

Teachers of the past were respected and honoured as the epitome of knowledge and they were responsible for the emotional nourishment and intellectual enrichment of students. Then a school was the temple of learning in which the teacher was the chief priest. Now, things have changed so drastically that where parents invest money for the student who is the consumer, the teacher becomes the seller. Value for money has become the new catch phrase. In the name of child friendliness we have reached the point of child indulgence. Thus the noble community of teachers has been forced into a state of hibernation for fear of being pulled up and where each word or phrase is weighed by the scales of parents' reaction and the child can never be wrong. So they have ceased to teach; they are merely doing their job by delivering their goods in the school market...



Insight

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several suggestions for safety measures to be employed by the nursing community in relation to infection control were given.

Lunch was followed by session by Dr. Vinod Kumar P, Physician and Diabetologist from KVM Hospital, Cherthala. His talk dealt with *Safety measures to be adopted in hospital acquired infection.*

The final session was a *demonstration of selected infection control procedures* by the first MSc (N) students Beena Jose, Divya A Bhaskar, Sajeed N and Tonia Toms.

The post test was followed by the valedictory function and the *distribution of certificates.*

Activity Roundup

School of Nursing

Lamp lighting ceremony for the 28th batch of general nursing students on 14th May. The students exhibited a colorful display of their talents and creativity besides ushering the new comers into the discipline and maturity of the nursing profession.

The SNA central zone sports meet was hosted by St. Michaels College, Cherthala. The students of the school took part in several items and put up a fighting performance leading to their selection for the state level participation. Shalini S and Sajini won several prizes.



College of Nursing

The KVM College of Nursing hosted the SNA Zonal Sports Competitions on the 29th of May, 2011 and the students of the college won the over all championship.



Orientation programme conducted for all the faculty members of the KVM trust on the 1st and 2nd of July, 2011.



Students of the college of nursing participated in the SNA Zonal Arts competitions conducted at the Dharmagiri College of Nursing, Kothamangalam, on 25th July, 2011.

Workshop on Infection Control organized by the first year MSc students on the 29th of July, 2011. The main objectives were to identify the need for hospital infection control systems and incorporate the universal control measures into practice in the present scenario.

Mrs. Smitha and Ms. Rohini U K attended the one day CNE programme conducted by TNAI state branch on Hepatitis and Nurses' Occupational Safety Concerns at the SG College of Nursing, Parumala.

College of Paramedical Sciences

The second year BSc MLT students successfully completed their four months clinical laboratory postings at the Doctor's Diagnostic Centre, Ernakulam under the capable supervision of Dr Aravind Babu and Mr Sasi Menon.

Parents' meeting for the second year students was organized with the purpose of evaluating the first year performance and to discuss remedial measures for handicaps envisioned in the academic performance of the students. Each parent was met individually by the concerned teachers.

The DMLT, DOTT and BSc MLT students together formed a cultural forum to execute the extra curricular and sports activities. An anti ragging class was arranged for the students with Adv Jyothi as the resource person.

School for the Mentally Challenged

The school reopened after vacation in June and 13 new students joined the school. The first PTA meeting was conducted on the 15th of June and the new office bearers for the academic year were selected. The lunch for the children of the school commenced on the 9th of June.



All the students were assessed for the academic year based on the FACP checklist and the action plan for the year has been prepared.



Government Polytechnic Cherthala conducted various entertainment programmes for the children of the school using the 100 NSS volunteers who participated in the programme. The children of the school also participated in the cultural programme for the Freshers Day celebrated by the College of Special Education.

The National Literacy Mission in the state of Kerala has adopted renewed measures in the area of continuing education to execute equality in education for school dropouts and the underprivileged through an open school forum. This venture which involves self education and practical training using a condensed syllabus has been successfully implemented in the KVM School for the Mentally Challenged. Seven students of the school Arun A, Anandhu Thankachan, Athira Thankachan, Anandhu KB, Vaishnavi Prabhu, Sunil Kumar and Neena Mary George are being trained under the competent leadership of teachers Anju A along with Sheen PG, Aniemol, Deepa, Sumi T and Meera. They propose to make these students take the 4th standard examination at the end of the academic year.



KVM Child Care Centre

Baby Aneena Antony aged 1½ years D/o Mr. Antony residing at Vayalar, a child with Atonic Cerebral palsy was admitted in to the centre in the first week of June 2011. The diagnosis shows that the child has mild delay in acquiring developmental milestone. The child was unable to stand without support when she came for intervention at KVM Child Care Centre.

Our physiotherapist Ms. Angitha Anand reported that she has achieved the skill of walking independently within 1½ months. The physiotherapist had given gait training and strengthening exercises.

The achievement chart of Baby Aneena Antony

1st Week: Support standing
2nd Week: Attained independent standing
3rd week: Independent standing and walking with support.
4th & 5th week: Achieved independent walking.
Both parents are very happy with the quick development of the child.



College of Special Education

Five day CRE programme was conducted in the College of Special Education from 16th April and 30 delegates from IEDSs, SSA and Special Schools attended the programme.

An awareness programme on disability and rehabilitation was conducted in Poochakal panchayat in the community hall on the 20th April where 70 parents attended.

Farewell to outgoing students Smriti 2011 organized on 6th May, 2011. The programme was made colorful with a variety of song and dance by the trainees.

First meeting of the special educators students union held in order to select the new office bearers for the year.

Freshers' Day celebrated on 4th Aug. with colorful cultural programmes and lunch. The Director Dr. V V Pyarelal inaugurated the festivities.

Inspection for approval of extension of DSE(ASD) by visiting experts Prof. V Vimala, Principal of Bala Vihar Training School in Chennai and Sr. Charlet, Principal of SBT College of Special Education from Madurai.

Jameela PS, Principal was appointed as visiting expert of RCI for the inspection of Sweekar Institute for the handicapped. She also attended a workshop organized by the Raksha institute on the communication aspects of autism.



College of Engineering and Information Technology

Quality improvement programmes were conducted in KVM group of institutions to effect a positive change that would trigger a quick

progress towards quality alignment. Initially there were multiple interactions with the heads of the institutions and senior faculty under the stewardship of Mr. Varma, HR consultant to study the present condition. This was followed by an interactive session to analyze the present situation followed by suggestions to improve quality in the present scenario. The frank and open minded interaction threw light upon the perceptions each held and further acted as a catalyst in providing a future plan for the institutions to spot both the short term and the long term plans leading to excellence. As a follow up measure, a two day faculty orientation programme was organized to train them in skills enhancement. Dr. V.K. Vijaya kumar and Dr. R.V. Jose were the specialists entrusted with the responsibility. The former spoke on the requisites of a teacher to understand students besides self and to adapt teaching sessions for them in order to strive for excellence and the latter touched upon the areas of transformational learning to enrich the faculty to become an effective agent in imparting learning. Further a movie titled 'To Sir with Love' was screened with the purpose of citing the example of an effective teacher. Finally here was a teacher appreciation presentation.

There are various clubs active on the campus: Literary club, Film club, Nature club, Sports club and the like. The Literary club conducts various programmes like screening talents to be send for CUSAT Arts Festival, staging a skit after writing the dialogues and script by itself etc. Film club focused on critically analyzing a movie after watching it. Nature club started a garden of medicinal plants that works as an information provider to all in and out of the campus. Film club initiated their activity with a competition on a best photo shoot on the theme 'Shadows'.

Department of Business Administration

The commencement of classes for semester III for the current academic year was on 22nd June. There was a combined orientation programme for the MBA and MCA students. Retired major R Rajesh conducted the grooming sessions by imparting soft skills and a personality development programme. Ms. P Divyalakshmi and Ms Tesla Arackal sharpened their intellectual capabilities by training them in verbal and non verbal communication skills. The feedback from the students was encouraging.

The classes for Semester I was inaugurated on July 11th with a combined meeting of students and parents. This was followed by a combined induction programme for the Freshers of both MBA and MCA under the supervision of Ms. Tesla Arackal and Ms. Divyalakshmi P.

Anti ragging awareness talks were conducted by the department separately, both for the juniors and seniors on 12th and 17th July respectively. The programme registered the anticipated impact because not a single case of ragging was reported thereafter.

Ms. Radha Suresh Babu, faculty trainer from Oxford University Press, Chennai was invited to speak to the senior and junior students as part of the activities related to the monthly club interaction of management students.

A team of experts from Apollo Paints visited the department on 3rd Aug. for an interactive session. The team members were the Director of Apollo paints, Mr. D Hariharaputhran, the general manager Mr. Titus Varghese and their Kerala Head of marketing services Mr. R Rajesh. The Director addressed the students and interacted with the staff in a pleasant manner; this gesture creates openings for further interactions in the future.

The Economic Times club, a student body for intellectual growth, is an innovative venture to encourage students to sharpen their knowledge of current affairs by reading and analyzing business newspapers. A weekly quiz conducted every Tuesday helps to gauge the level of student performance; certificates would be presented to the best competitor of the month.

An inter collegiate quiz competition is proposed to be held by the department in association with the Rotary Club, Cherthala and State Bank of Travancore, Cherthala branch on the 23rd of September. Participants from several colleges from Kerala and Tamil Nadu are expected to participate in this event which is to be inaugurated by Mr. Nagaraju IPS, the Superintendent of Police, Alappuzha.

Department of Research and Biotechnology

Academic achievements

The following students got University ranks in M. Sc. Biotechnology.



Mereena George U
2nd Rank



Anju P. Nair
6th Rank



Devi Prasad
9th Rank

Research Achievements

Department of Biotechnology, Government of India, New Delhi sanctioned a collaborative project titled "Biosources Of Kuttanad Wetland Ecosystem : Inventorization, Characterization And Conservation" for Rs. 71.451 lakhs, jointly submitted by Indira Gandhi National Open University (IGNOU), K. V. M. College of Engineering & IT and Environmental

Resources Research Centre (ERRC), Thiruvananthapuram. Dr. G. Achuthan Nair, Senior Consultant, Department of Chair for Sustainable Development, Indira Gandhi National Open University, R.C. Thiruvananthapuram is the Principal Investigator and **Dr. R. Pratap Chandran, Associate Professor and Head, Department of Biotechnology, Research, K.V.M. College of Engineering and Information Technology** and Dr. P.K. Shaji, Scientist, Environmental Resources Research Centre, Thiruvananthapuram are the Co investigators.

DR. R. Pratap Chandran, Associate Professor and Head Department of Biotechnology and Research, is recognized as an approved research guide for M.Phil. and Ph.D. programmes of Karpagam University.

Research Publication

Mereena George U., Chandraja C. V., Immanuel, G and Pratap Chandran R. (2011). Petroleum degrading activity of actinomycetes isolated from the coastal areas of Tamilnadu. *International Journal of Agriculture Environment and Biotechnology*. 4 (1), 59-65.

New Appointment

Mr. M. Kannan (Ph.D) has joined this department as an Assistant Professor. He has completed his Ph.D. in virology from University of Madras. He has five years of research experience in Virology, immunology and has five research publications in peer reviewed journals.

Registration for all courses conducted by the K.V.M. Trust under management quota can be made throughout the year.

College of Nursing

1. M.Sc Nursing
2. B.Sc Nursing
3. Post Basic B.Sc Nursing
4. GNM
5. ANM



Institute of Paramedical Sciences

1. B.Sc MLT
2. DMLT

College of Special Education

1. B.Ed Special Education (Mental Retardation)
2. Diploma in Education Special Education
 - a. Mental Retardation (D.Ed SE [MR])
 - b. Autism Spectrum Disorder (D.Ed SE [ASD])
 - c. Mental Retardation (DECSE [MR])

College of Pharmacy

1. PHARM D
1. PHARM D (P.B.)
3. B.Pharm

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College of Engineering & IT.

1. M.B.A (HR, Marketing, Finance, IT)
2. M.C.A
3. M.Sc (Biotechnology)

} (CUSAT)

- B.Tech
Mechanical, Electrical, Electronics & Communication

For Details Contact: 9633678896/ 0478-2811707, 2811080