

ALUMNI DIGEST



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Mr Kaushik Desai is a Pharmacy graduate from COPS, Manipal, post graduate in Pharmaceutical Technology and a Diploma in Industrial Management from Mumbai University. He has over 30 years of multifunctional experience in reputed Pharmaceutical multinational companies such as Sanofi Aventis, Wyeth, Johnson & Johnson, Global Pharmatech and with a herbal company, Charak. In his career span of 30 years, he has been actively involved in management of projects, product development, technology transfer, plant operations, contract manufacturing, global Regulatory audits, business development and exports. Mr Desai was CEO and Director of a leading EU GMP certified Liquid injectable contract manufacturing organization, Global Pharmatech, Bangalore for four years. He has travelled to UK & Europe to showcase techno-commercial capabilities.

Mr Kaushik has represented IPA at WHO supported Federation of Asian Pharmaceutical Association (FAPA) workshop 2011 at South Korea. Mr Desai has attended World Health Editor's Networking (WHEN) meetings twice held at WHO HQ, Geneva during World Health Day in 2013.

Being a sportsman, he has represented College and University in several sports disciplines.

Currently, Mr Kaushik Desai is associated with DIA (Drug Information Association) in the capacity of Director for India with HQ based in USA. His main focus has always been to work towards upliftment of professional standards and create awareness by facilitating educative workshops, symposia, conferences and training for the benefit of pharmacy fraternity.

Visitors

May 19: Dr Pritesh Bhat, Applications Scientist, Schrodinger, Bangalore delivered a talk on "Recent Advances in Computational Design of small molecular and Biomolecular design".

June 3: Dr Ranjan R Pai, MD & CEO, Manipal Education and Medical Group & Dr Rajan Padukone, CEO & MD of MHE, Bangalore and Dr H Vinod Bhat, Vice Chancellor, Manipal University visited MCOPS



MISCELLANEOUS NEWS

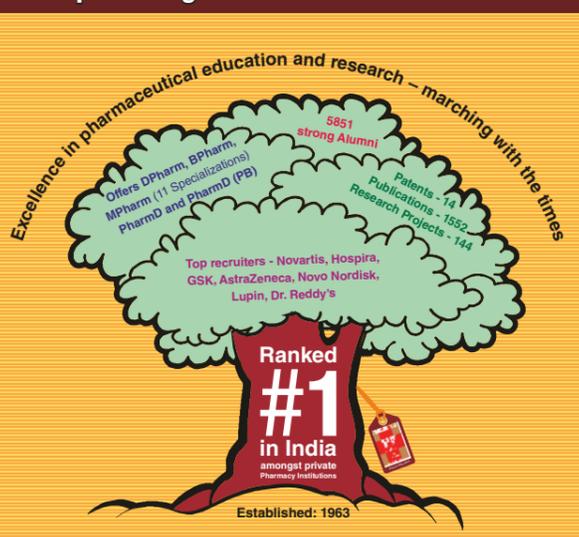
April 5: A concise textbook of "Drug Regulatory Affairs" written by Dr N Udupa and Dr Krishnamurthy Bhat was released during April 2015

April 30 - May 3: Dr Rekha Shenoy and Dr Angel Alex were deputed to attend the first institute on responsible conduct of science and research jointly organized by National Academy of Sciences, USA and Nitte University at Hotel Taj Gateway, Mangalore. Resource persons were Dr Rita Guenther, Dr Clarissa Dirks, Dr Nancy Connell and Dr Beth Wilber from National Academy of Sciences, USA. Dr Indrani Karunasagar was their Indian counterpart from Nitte University



MCOPS Ranked No. 1 by Careers 360 (May 2015)

Manipal College of Pharmaceutical Sciences



The most sought-after destination for pharmaceutical education and research

Manipal College of Pharmaceutical Sciences (MCOPS) boasts a well placed global alumni base and a student population of different nationalities. And that's primarily for the fact that MCOPS, Manipal is a renowned pioneer in pharmacy education in the private sector.

More than fifty years of rich expertise has given us respect. And the rank of the **1st Best College** nationally.

MCOPS

A constituent college of Manipal University

The most sought-after for pharmaceutical education and research

Programs: DPharm | BPharm | MPharm | PharmD | PharmD (PB) | Doctoral

Ad Meliora

a quarterly newsletter

Vol 2 Issue 2 April-June 2015

EDITORIAL

With the students and staff busy with university examination, other events are kept in the back burner during the quarter April to June. The annual examinations for the UG, PG and PharmD courses were successfully conducted. Even the second year PG examinations got over by May end. Many of the successful candidates have secured jobs, while a few are contemplating on registering for PhD. This issue of our newsletter is primarily devoted to highlight the success stories of our students in the just-concluded annual examinations. A few other events have also been thrown in to provide variety.

FROM THE PRINCIPAL'S DESK

The summer months of April and May have passed. The academic activities of 2014-'15 are over. Examinations were conducted on schedule and the results have been declared. The overall performance of our students is satisfactory. There have been quite a few excellent and good performances, but some students - a miniscule one at that- have not done justice to their potential. In this issue of Ad Meliora we have captured the highlights of the examination results.

Just as the last issue of Ad Meliora was going to press, we got the exhilarating information that MCOPS has been ranked No.1 among the one thousand and odd private pharmacy colleges of India. You would agree with me that it is a shot in the arm for all of us. It is the recognition of the all-round superiority of our institution. The icing on the cake though, is the ranking of Manipal University. It is the No.1 University in the private sector. Now it is for us to aspire for more in terms of ranking beyond the borders of our country. Let us work to bring more laurels our way in the coming days.



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प्रज्ञानं ब्रह्म



INSPIRED BY LIFE

EVENTS

International Day of Yoga

June 21: Yoga is an invaluable gift of ancient Indian tradition. As part of International Day of Yoga, Manipal College of Pharmaceutical Sciences organized a yoga session with zeal for physical, mental and spiritual association. Dr Annapoorna, Selection Grade Lecturer, Department of Yoga, Kasturba Medical College described the relevance of Yoga for a healthy life and its various components in practice. As Dr Deepa demonstrated the various asanas, the benefits of it were described by Dr Annapoorna. Dr Annapoorna referred to pranayama and its significance for fitness. She explained how one could start the practice of meditation, which helps relieve stress and worries. She opined that continual long-term practice of Yoga was essential for sound physical and mental wellbeing.

Dr Mallikarjuna Rao, Principal, MCOPS and Dr Gopalan Kutty, Professor of Pharmacology felicitated Dr Annapoorna and Dr Deepa respectively. Dr Sreenivasa Reddy, Vice Principal, MCOPS and Dr D Sreedhar, Head, Pharmacy Management took care of the logistics to make the program a success.



Summer school training

June 15 - July 4: Manipal University Students Research Forum under the aegis of Manipal University Research Directorate organized summer school training starting from 15 June.

This annual event is into its second year.



The program was inaugurated by Dr Vinod Bhat, Vice Chancellor of Manipal University. Mr Prateek Jain, President, MUSRF welcomed the gathering. Dr N Udupa, Director Research (Health Sciences), Dr Raghuvir Pai, Director Research (Technical Sciences); Dr C Mallikarjuna Rao Principal, MCOPS and Dr Srikanth Prabhu, Advisor, MUSRF were present during the occasion. Ms Varsha Prabhu rendered the invocation

Dr Vinod Bhat emphasized upon the importance of continuous learning and the University's aim of making it into the list of top 200 universities of the world by 2020. He suggested that there is a lot to learn from the new generation of students. He showed confidence in the future of MUSRF by exemplifying the success of university's student exchange group.

The summer training program and its importance was explained by Dr Srikanth Prabhu, Associate Professor, MIT. He illustrated the way new age research is bridging the borders within science and the importance of amalgamation of specialized thinking.

Open to all students of science and technology, the program aimed at inculcating the spirit of research in the new generation. The program was divided into two modules namely the health sciences and the technical sciences. The morning sessions were talks from eminent personalities of Manipal University including Dr TMA Pai Endowment Chairs and the afternoon sessions included demonstrations and practical work at different departments of Manipal University.

RESEARCH SPOTLIGHT

MCOPS achieves an average impact factor of 1.732 for its Research publications

1. Prashant Musmade, Virendra Ligade. Sun protection factor: science or advertising? *Current Science*, Vol 107, 10, 1635-1636. **IF: 0.833**
2. Asmy Appadath Beeran, Naseer Maliyakkal, Chamallamudi Mallikarjuna Rao, Nayanabhirama Udupa. The enriched fraction of Elephantopus scaber Triggers apoptosis and inhibits multi-drug resistance transporters in human epithelial cancer cells. *Pharmacognosy Magazine*, April-June 2015, Vol 11(Issue 42), 257-268. **IF: 1.525**
3. Jessy John, Madhavan Nampoothiri, Nitesh Kumar, Jayesh Mudgal, Gopalan Kutty Nampurath, Mallikarjuna Rao Chamallamudi. Sesamol, a lipid lowering agent, ameliorates aluminium chloride induced behavioral and biochemical alterations in rats. *Pharmacognosy Magazine*, Vol 11(42); April - June 2015, 327-336. **IF: 1.525**
4. Manthan D Janodia. Research and development spending and patents; where does India stand among SAARC and BRICS. *Current Science*, Vol 108(6), March 2015, 1041-1042. **IF: 0.833**
5. MH Shoja, Neetinkumar D Reddy, Pawan G Nayak, K K Sreenivasan, C Mallikarjuna Rao. Glycosmispentaphylla (Retz.) DC arrests cell cycle and induces apoptosis via caspase-3/7 activation in breast cancer cells. *Journal of Ethnopharmacology*, April 2015, 168, 50-60. **IF: 2.998**

6. Neetinkumar D Reddy, M H Shoja, B S Jayashree, Pawan G Nayak, Nitesh Kumar, V Ganga Prasad, K Sreedhara R Pai, C Mallikarjuna Rao. In vitro and in vivo evaluation of novel cinnamyl sulfonamide hydroxamate derivative against colon adenocarcinoma, *Chemico-Biological Interactions*. April 2015, 233, 81-94. **IF: 2.557**
7. Naseer Maliyakkal, Asmy Appadath Beeran, Sai A Balaji, Nayanabhirama Udupa, Sreedhara Ranganath Pai and Annapoorni Rangarajan. Effects of Withania somnifera and Tinosporecordifolia Extracts on the Side Population Phenotype of Human Epithelial Cancer Cells: Towards Targeting Multidrug Resistance in Cancer. *Integrative Cancer Therapies*. April 2015, 14(2), 156-171. **IF: 2.014**
8. Shilpee Chaudhary, Kodangala Subraya Chandrashekar, Karkala Sreedhara Ranganath Pai, Manganahalli Manjunath Setty, Raviraj Anand Devkar, Neetinkumar Dnyanoba Reddy and Muhammed Haneef Shoja. Evaluation of antioxidant and anticancer activity of extract and fractions of Nardostachys jatamansi DC in breast carcinoma. *BMC Complementary and Alternative Medicine* 2015, 15:50 **IF: 2.02**
9. Sankappa Rai U, A M Isloor, P Shetty, KSR Pai, H K Fun. Synthesis and in vitro biological evaluation of new pyrazole chalcones and heterocyclic diamides as potential anticancer agents. *Arabian Journal of Chemistry*, 2015, 8, 317-321. **IF: 3.725**
10. Dasari Naga Naresh, Usha Y Nayak, Prashant Musmade, Srinivas Mutalik and Yogendra Nayak. Preparation, Characterization and Pharmacokinetic Study of Nelfinavir Nanocrystals for Oral Bioavailability Enhancement. *Current Nanoscience*, 2015, 11, 379-389. **IF: 1.096**
11. T S Hrishikesh, P P Kundapur, A Naha, B S Thomas, S Kamath, G S Bhat. Effect of adjunctive use of green tea dentifrice in periodontitis patients - A Randomized Controlled Pilot Study. *International Journal of Dental Hygiene*, February 2015, 1-6 **IF: 0.682**
12. Zenab Attari, Sunethra Kalvakuntla, M Sreenivasa Reddy, Mangesh Deshpande, C Mallikarjuna Rao and K B Koteswara. Formulation and characterisation of nanosuspensions of BCS class II and IV drugs by combinative method. *Journal of Experimental Nanosciences* 2015, (DOI) **IF: 0.981**

Total number of publications: 12

Total impact factor: 20.789

Average impact factor (AIF): 1.732

MCOPS faculty attend scientific conferences in Australia, USA, UK, Switzerland

1. Mr Madhavan Nampoothiri G presented a paper titled 'Sesamol, a lipid lowering agent ameliorates glutamate induced neurotoxicity in differentiated SHSY5Y neuronal cells' in 30th International Conference of Alzheimer's Disease International at Perth, Australia during 15-18 April
2. Dr Suvarna G Kini presented a paper titled 'Design, Synthesis and EGFR Tyrosine Kinase Inhibitory activity of Novel Quinazoline Derivatives' in 'Drug Discovery Chemistry 2015' at San Diego, CA, USA during 21-23 April

3. Dr Sudheer Moorkoth presented a paper titled 'Development of a GC-MS analytical method for determination of urine organic acids and establishment of reference ranges for organic acids in south Indian paediatric population' in 'Emerging Analytical Professionals 2015' at Bristol, UK
4. Dr N Udupa presented a paper titled 'Patients' Perception and Knowledge of Adverse Drug Reactions Associated with Herbal Medicines' in 'ISPOR 20th Annual International Meeting' at Philadelphia, USA
5. Mr Muddukrishna B S presented a paper titled 'Preparation, solid state characterization and in-vitro-vivo assessment of paclitaxel co-crystals' at 'EUFEPS Annual meeting' in Geneva, Switzerland
6. Dr Anantha Nagappa Naik presented a paper on 'Analysis of Correlation between Psoriasis Area and Severity Index (PASI) Score with Dermatology Life Quality Index (DLQI) Among Psoriasis Patients in a Tertiary Care Hospital' in 8th Annual Conference organized by South Asian Chapter of American College of Clinical Pharmacology on "Translational Clinical Pharmacology Research in Drug Development" at Worli, Mumbai
7. Dr M Surulivel Rajan presented a paper on 'Population Pharmacokinetics of Valproate in Indian Epileptic Patients' in 8th Annual Conference organized by South Asian Chapter of American College of Clinical Pharmacology on "Translational Clinical Pharmacology Research in Drug Development" at Worli, Mumbai

Student's Corner

Girls wrest top honours



Ms Pallavi Siddharth Toprani
in MPharm [Pharmacology]



Ms Beenaben Bahadursinh Mahida
in BPharm



Ms Beena Annie Sam
in PharmD

Upcoming events

**1st International Conference
on Healthcare & Technical Research
(ICHTR 2015)
22 - 24 December**

Organized by
**Manipal University Students' Research Forum (MUSRF)
& Constituent Research Groups of Manipal University
under the aegis of
Research Directorate, Manipal University**