

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 3 July- Sept 2016

EDITORIAL

This quarter was bustling with a gamut of events. Ranging from orientation to collaboration, our readers will find the September issue special. MCOPS kicked off the academic year with the orientation programmes. A crowd of exuberant freshmen and parents had a good rapport with the teaching faculty. Sadbhavana diwas and 70 Saal Azadi- events of national importance was celebrated with gaiety. In a first-of-its-kind, MAPS became the first student organization to be recognized by IPSF, headquartered at The Netherlands. Eminent scientists and doctors, from pharmaceutical industries and clinics, shared their vast experience with post-graduate students and research scholars. Considering the paramount importance of research, MCOPS has entered into a collaboration agreement with Nerve 24 Technologies, Mumbai. Professor N Krishnamurthy was the administrator of college of pharmacy [now MCOPS] in its early years. It is with deep sorrow we share the news about the sad demise of Prof Krishnamurthy, the second director of the institution.

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FROM THE PRINCIPAL'S DESK

This is an exceptional quarter (July-September) which is always packed with excitement for us at MCOPS. While, the month of July decides the final verdict regarding students' promotion to the next higher class, the long silence in academics is broken in August. The first week of August brings a festive environment with the presence of buoyant freshmen and parents. At the outset, let me congratulate the students who have chosen MCOPS, The Trail Blazer of Pharmaceutical Education and Research, as their destination for higher studies. Not only classes have begun in full swing as per a long list of Academic Diary 2016-17, but also programmes to enhance quality of education and research. This year's academic calendar has a series of structured activities in the form of curriculum enrichment programmes and students' progression activities. As a part of this, we had a few visitors from Lupin, Novartis who shared their experiences to keep in pace with the ongoing development in the pharmaceutical industries. I sincerely hope that our youngsters will make use of these activities. A new feather in the collaborative cap calls for the agreement with Nerve 24 Technologies, Mumbai, wherein the company has agreed to sponsor a PhD project. Untiring efforts of pharmacy students and Manipal University has made this day possible, when MAPS received global recognition. NBA team of inspectors visited the college during August 20-21 and scrutinized the BPharm program for NBA accreditation. We are confident of obtaining a proficient grade here as well. It is with great pride that I would like to say that we strive towards quality education and research. I wish the faculty members and students of MCOPS reach newer heights to carve a niche for themselves.



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EVENTS

Pharma conclave discusses measures to bridge the gap between academia and industry

23 July: There is a need to boost training, research and work-integrated learning by promoting collaboration with pharmaceutical industries. At the conclave of pharma majors 2016, faculty members of MCOPS and pharma industry executives addressed issues concerning the industry-academia ties. After much deliberation, the conclave supported the establishment of Centres of



Excellence in MCOPS. Industry institute partnership cell tried to place an industry-enabled curriculum in the education system to make students industry ready. The conclave discussed the various ways of reducing the gap between the industry and Institute. Dr H Vinod Bhat, Vice Chancellor Manipal University rendered the inaugural address. Principal, Dr C Mallikarjuna Rao presented the notion of the conclave. Dr M Sreenivasa Reddy, Vice Principal proposed the vote of thanks.

MCOPS welcomes freshmen of 2016-17

4 August: It is an exciting time for parents to see their children embark on professional courses. Orientation programme gives an opportunity to welcome students and parents and to share information about academics and campus life. Nearly hundred pharmacy freshmen with their parents attended the programme. Dr C Mallikarjuna Rao, principal, welcomed the gathering and detailed various curricular aspects. With passion, he introduced his faculty members. The prodigious crowd was addressed by Dr H Vinod Bhat, Vice-Chancellor, Manipal University who was the chief guest of inaugural programme. Dr Bhat exalted MCOPS for standing first in the NIRF ranking of MHRD, India, and also for upholding quality education and



research. He strongly encouraged the students to explore beyond classrooms, in order to widen their knowledge. Dr Sulatha Bhandary, Deputy Director, Student Affairs elaborated on the activities of students in the campus. Mr Shridhar H, Director of Physical Education introduced talked on the sport facilities available at the campus. Dr Dilip Thomas, Executive-operations, Kasturba Hospital interacted with the audience regarding the availability and utility of healthcare facilities. Dr Anup Naha comprehended the activities of volunteer services organization [VSO] of Manipal University and motivated the students to involve in various volunteering activities of VSO. In the late afternoon, students along with their parents interacted with the teacher guardians. All about pharmacy profession was introduced by Dr M Sreenivasa Reddy, Vice Principal on the second day. Thereafter, the freshers received orientation on various pharmaceutical associations and their activities, rules and regulations pertaining to library and hostel, safety and campus security, finance related matters and research activities of Manipal University. Morning session concluded with self-introduction by the first year students. Students experienced the vibrancy of Manipal University campus, during the tour guided by various faculty members. We hope our students to be on their way confidently by the time they leave orientation.

Orientation programme for new post-graduate students



5 August: Dr H S Ballal, Pro-Chancellor of Manipal University congratulated the new MPharm, PharmD post baccalaureate students and parents for choosing Manipal as their destination, during the orientation on 4 August 2016. Such was his message, that the students were inspired not to be book worms; rather strike the perfect balance between curricular and co-curricular activities, essential for an overall development. Dr C Mallikarjuna Rao, principal, MCOPS emphasized the need to create a vital workforce to meet the requirements of pharmaceutical industries, in his welcome speech. With his dedicated faculty, Dr Rao was positive about fostering the skills of the students to accept challenges of Indian pharmaceutical business. He presented the list of impact factor publications which were the results of MPharm and PhD projects. After introduction of faculty members and students, there was a session on 'paper-less exam', one of

its kind in the country, which would be commencing this year. The programme concluded with a visit to their respective specialization departments in the afternoon.

Observance of Rashtriya Sadbhavana Diwas with fervor

21 August: Rashtriya Sadbhavana Diwas [Harmony day] is celebrated to commemorate the 72nd birth anniversary of Rajiv Gandhi, former Prime Minister of India. At MCOPS, the celebration was a spectacular event, truly signifying national integration, unity and communal harmony conducted by MAPS along with department of pharmaceutical chemistry. Dr Alex Joseph, associate professor, pharmaceutical chemistry introduced the chief guest, Dr Nikhil Govind, Head of Manipal centre for philosophy and humanities. Dr Nikhil enlightened the



students on issues of humanity, compassions and idealism. He imbibed an ethical citizenship within the student fraternity of differing communities, where universal ethics stepped forward to set in harmony. Dr Govind encouraged the students to think of life beyond exams. The astounding speech of the chief guest ended with an exciting interactive session with the students left in a profound air of ethics. Dr Varadaraj Bhat, associate professor, pharmaceutical chemistry presented a token of appreciation to Dr Nikhil. Towards the end, spirits were held high by undertaking the Sadbhavana Diwas pledge for a harmonious sojourn ahead.

A week long program to evoke nationalism-AzaadiYaadKare

24 August: '70 SaalAzadi-Zara YaadKaroKurbani' was a patriotic demonstration held by Manipal University Association of Pharmacy Students [MAPS] during 15-22 August, to reminisce the struggles for freedom. This



initiative came soon after the clarion call was issued by Government of India. The patriotic week started off with a magnificent march past that painted saffron, white and green, in not just the air, but also in hearts. Following this, a freedom walk of 3 kilometres from MCOPS to End Point, comprising students and faculty members was witnessed, signifying 'Go Green, Peace and Harmony'. Just when everyone thought MAPS would be exhausted to conduct anymore events, MAPS bounced with enthusiasm, organising a Student Meet for reminiscing independence. Students lectured on freedom fighters, listing facts about British rule over India. A slogan writing competition for students was held. Proceeding further, a face-painting competition was organized, where students excelled by painting current events as well as past events, making every Indian proud to think about their path for freedom. On the final day, the National Anthem was recited by MCOPS' students, all teaching and supporting staff, bringing a new-found responsibility, love and care for the nation. It was a symbol of one voice with unity. MAPS signed off, the week-long events of Azaadi Yaad Kare with patriotism and gaiety.

Research Orientation

25 August: A one-day program on Research Orientation was organized by Innovative Communication Club (I2C), Manipal College of Pharmaceutical Sciences on 24 August. Dr. Yogendra Nayak, Associate Professor, Department of Pharmacology, was the faculty coordinator for the event. Chief Guest, Dr N Udupa (Research Director - Health Sciences) and Guest of Honour, Dr C Mallikarjuna Rao (Principal, MCOPS) inaugurated the program. Dr Rao exhorted the need for conducting quality research by post-graduate students and faculty members. Similarly, echoed Dr N Udupa when he addressed the gathering on the current aspects and challenges in the field of research. Dr M K Unnikrishnan, Head, Department of Pharmacy Practice, emphasized the need and initial steps in the development of an idea. His words truly reflected the qualities and attitude of an independent researcher. Professor Unnikrishnan explained various facets of plagiarism and its consequences. Techniques for carrying out literature search was highlighted by Dr Yogendra Nayak in his talk. Various databases, journals and publishers were explained by Dr Nayak. He demonstrated the facilities provided by Health Sciences Library, Manipal University. In spite of meticulous work, researchers at times, fail to prove their hypotheses, be it in trials or publishing their research. All these aspects were touched upon by Dr. Gautham Shenoy, Head, Department of Pharm. Chemistry, in his talk on the art of documenting the research findings. The post-lunch session started off with application of the ideology and

STUDENT'S CORNER

Novartis selects research scholars of MCOPS for Novartis India BioCamp 2016

30 July: Over fifty students across the country, from disciplines of Pharmacy, Life Sciences, Medicine, Human Resources, Marketing and Statistics were selected by Novartis Biotechnology Leadership Camp 2016. Not only post-graduates and doctoral students participated, under-graduates too were involved. Jyothsna Manikkath, Subhankar Biswas and Mradul Tiwari were the research scholars chosen to participate in Novartis India BioCamp-2016, held in Hyderabad. The programme spanned for four days, with a visit to the state-of-the-art facilities of Novartis India and scientific and business sessions by veterans



from the pharmaceutical and biotechnology industries and academics. Participants interacted with the likes of Jawed Zia, Country President of Novartis India; Dr Ashfaq Hasan, Head, Department of Pulmonary Medicine, Owaisi Hospital & Research Centre, Hyderabad; Ganesh Balakrishnan, Partner at Deloitte Touche Tohmatsu India LLP; Professor Deva Priyakumar U, Associate Professor, International Institute of Information Technology, Hyderabad; Anuradha Acharya and CEO of Mapmygenome. The program encompassed enriching facility-tours, sessions and interaction with speakers and participants. Subhankar Biswas emerged as team winner in case study presentations. The valedictory address was given by Padma Shri Dr A S Soin, Chief Hepatobiliary and Liver transplant surgeon & Chairman, Institute of Liver Transplantation and Regenerative Medicine, Medanta, Gurgaon, where he spoke on liver transplant and the rapidly changing world of medicine driven by technology.

Manipal University Association of Pharmacy Students receive recognition from an international federation

30 August: Manipal University Association of Pharmacy Students (MAPS), a student body of Manipal College of Pharmaceutical Sciences, Manipal, became the first organisation in the country to be granted Membership in Association (MiA) recognition by the International Pharmaceutical Students' Federation (IPSF). MAPS was accorded membership during the 62nd IPSF General Assembly session held at Harare, Zimbabwe in August

knowledge given in the morning session. The art of writing a research article in various reputed journals was demonstrated in a lucid way by Dr Yogendra Nayak. He explained the steps involved in manuscript submission, till publication. Referencing styles with available software to aid bibliography was demonstrated by Dr Nayak. The program concluded with Dr. Virendra S. Ligade's talk. He is a teaching faculty in Department of Pharma. Management. Even a good research idea is poorly understood when presentation skills fail was the take home message from Dr Ligade. Over 150 post-graduate students, research scholars and faculty members attended the research orientation program.

Quality is of prime concern in healthcare system, says Dr Sabhahit at quality improvement program

12 September: "The role of pharmacists integrated with doctors and nurses in providing quality healthcare to patients is of utmost importance", says Dr Narayan Sabhahit, Registrar, Manipal University (MU), during the inauguration of the two-week long quality improvement program [QIP]. Dr Sabhahit was the chief guest for the AICTE sponsored QIP held on 12 September. The theme of the QIP is 'Formulation and management of quality medicines'. Pharmaceutics, pharmaceutical quality assurance and pharmacy management are the departments coordinating the various sessions till 24 September. In his welcome address, Dr C Mallikarjuna Rao, principal, Manipal College Of Pharmaceutical Sciences highlighted the different AICTE schemes which were of benefit to pharmacy teachers and students.



Dr Rao lauded Dr N Udupa, Research Director, MU for his untiring efforts in making MCOPS, one of the nodal centres for conducting such programmes. Wishing good luck to delegates, Dr Mallikarjuna concluded his address to the gathering. Dr J Venkata Rao, professor, pharmaceutical biotechnology proposed the vote of thanks. Ms Reema Narayan, research scholar was the master of ceremony and the invocation was sung by Ms Alka, a post-graduate in department of pharmaceutics.

2016. The advantage of this membership are many. To list a few, it will help MAPS to contribute towards global pharmacy education and professional development programmes, public health campaigns and other projects of the federation worldwide. Student exchange programmes and pharmacy internships will get a big boost at MCOPS following this affiliation. IPSF is one of world's oldest international student organization of pharmacy students and pharmacists and it represents more than 3,20,000 pharmacy and pharmaceutical sciences students and recent graduates in 80 countries. Headquartered in The Hague in Netherlands, IPSF is associated with World Health Organization and United Nations Educational, Scientific and Cultural Organization and works closely with the International Pharmaceutical Federation (FIP).

THE GAIETY GENESIS

6 Sept: Initium Motivum [initiate the motive], being the motto, Genesis'16 was launched by MAPS. Student council 2016-17 was inaugurated on this occasion. The event kick-started with an invocation song and dance. With a welcome address from the President of MAPS, Anusha Ganesh, later came Spandana Kotian, Secretary of Student Exchange Committee, who briefed upon the new SEC. It indeed was a matter of pride for MCOPS, to have been finally approved by IPSF, after endless numbers of battle and hard work against time. The chief guest, Dr B Rajashekar, Dean,



SOAHS, Manipal University, took over the lectern for addressing the gathering. He exhibited his 16-year-old friendship with MCOPS. His wise words left a mark in the minds of students and faculty of MCOPS forever. Brilliant performances were put up by students. MAPS surprised the teaching faculty by displaying a video of the fun-side of teachers, leaving everyone with a hearty laugh. With this excitement, students got a few teachers to tap their feet and rock the dance floor for a while. Just when the teachers, thought they had enough for the day, MAPS presented them a cake, as a token of love, with an icing of HAPPY TEACHER'S DAY etched on it, proving it's never too late to celebrate Teacher's Day. Genesis'16 only ended as an event, with a promising start of a new student council with new ideas for the new academic year.



14 Sept: PONNONAM 2016 was celebrated with great pomp and cultural modesty, at MCOPS, this year. Onam is a festival of love, harmony, peace, and a day to reminisce the history of a wonderful king.

The aura of the festival was filled in by the setting of the 'POOKALAM' by the students and the decoration work in the classroom. A good deal of skill, talent, time, and hard work was put in by a large number of students to bring it out perfect.

The chief guest of the onam celebration was Dr N Gopalan Kutty, former professor of MCOPS, who graced the function with his presence along with his wife Mrs Shobha and daughter, Ms Jyothsna.

All faculty members took a keen interest in the program. The audience reached a new energy level with the entry of 'Maveli' on the arena.

The program began with an invocation song, followed by Thiruvathira, semi classical dance, group songs, instrumental song and cinematic group dance.

To make the session more interesting, games were planned in between such that the whole mass of students got a chance to be a part of the fun irrespective of the place where they hail from.

Videos and animated movies were shown to let the crowd know about the backstage events and practice sessions. A large number of students from various parts of the country showed up and filled the hall with cheers, laughter, energy and enthusiasm.

The session was winded up with the vote of thanks and distribution of 'PAYASAM'.

Onam '16 was a great event at MCOPS, where people worked together, spent time together and made beautiful and colourful memories.

PharmD intern bags the first prize at TAHCON-2016 at Manipal University

17 Sept: Ms. Srujitha Marupuru (PharmD Intern), Department of Pharmacy Practice won the first prize for the poster titled "Development and Evaluation of Onconurse Practice-A Smartphone Application for Oncology Nurses" co-authored by Nimmi Z, Sonal Sekhar M, Anisha S in the Conference on Technological Applications in Healthcare (TAHCON-2016) held during 17 and 18 September 2016 at Manipal University, Manipal

VISITORS

Trends in clinical trials: From cancer to Alzheimer's disease

13 Aug: Mr. Umakant Ashok Bahirat, Research Scientist, Department of Pharmacology-Novel Drug Discovery and Development Lupin Limited (Research Park), Pune delivered a talk on "Drug Discovery: A Challenge". Mr. Bahirat explained about the challenges that are faced by scientists in different stages of drug discovery. The talk also focused on the types of biomarkers and their importance in drug discovery. Following the guest lecture, Bahirat interacted with the postgraduate students of department of pharmaceutical chemistry. The speaker answered the queries raised by the students with regard to future prospects and competencies that students must possess. The career opportunities that are available to the students was explained by the speaker. Mr. Bahirat informed the students regarding the expectations of industry from students and also gave tips to the students regarding facing of interview.

Mr. Umakant also held discussion with the faculty members of the department of Pharmaceutical chemistry regarding the syllabus content of postgraduate program in Pharmaceutical Chemistry. He gave valuable suggestions regarding the topics that may be included in the syllabus. Department of Pharmaceutical Chemistry had organized the talk. Dr G Gautham Shenoy, Head, Pharmaceutical Chemistry welcomed the gathering and introduced the speaker. Dr. M Sreenivasa Reddy Vice-Principal presented a memento to the speaker.

Dr Rajesh, an alumnus deliberated upon the evolving models of patient care in the USA

18 August: Dr Rajesh Nayak, an alumnus of Manipal College of Pharmaceutical Sciences, Manipal is currently working as an associate professor and Director of Grad studies in Pharmacy Administration at St. John's University, New York, USA.



Dr Rajesh received his PhD in Pharmaceutical Outcomes and Policy from University of Florida, USA. The guest lecture on 'Newer and Evolving Models of Pharmacy Practice in America' on 13 August 2016 was organized by Department of Pharmacy Practice. Different aspects of pharmaceutical care and the expanding scope of practice in USA was the key point in his lecture. In particular, he dealt with two emerging models of patient care viz. Collaborative Drug Therapy Management (CDTM) and Medication Therapy Management (MTM). Citing anecdotes, he spoke at length on the evolution of pharmacists' activities from older models of dispensing to newer ones. Most importantly, Dr Rajesh provided an insightful analysis of legislative

hurdles and legal definitions becoming critical determinants in classifying and delimiting the professional duties and responsibilities of pharmacists engaged in many aspects of pharmaceutical care. In a thoroughly interactive and engaging manner, he inspired many students and teachers by leading a spirited discussion that stretched beyond the lecture hours.

Treatment of urinary stones by Dr Joseph Thomas

24 August: The department of Pharmacology, Manipal College of Pharmaceutical Sciences, Manipal University, organized a guest lecture for the postgraduate students on 24 Aug 2016 titled "Cut for stones: Yesterday – Today – Tomorrow". The lecture was delivered by Dr. Joseph Thomas, Professor of Urology, Kasturba Medical College, Manipal University, Manipal. The lecture focused on 'treatment of Urinary stones' and Dr. Thomas presented a historical perspective and current medical practices on the aforementioned topic. The lecture was attended by the faculty and postgraduate students of the departments of Pharmacology from the colleges, Manipal College of Pharmaceutical Sciences and Kasturba Medical College, Manipal. Dr. Thomas's presentation on the historical perspective of the urinary stones – right from Hippocrates's oath that forbade the physicians from 'cutting persons laboring under the stone' to the crude medieval practices of lithotomy to modern medical practices involved in lithotomy, were well appreciated by the audience. He also presented a detailed account on the diagnostic methods and the modern methods of minimally invasive therapies to treat renal and bladder stones. The session ended with Dr. Thomas replying to the questions raised by the audience. Dr. Anoop Kishore proposed vote of thanks and the Principal of Manipal College of Pharmaceutical Sciences, Dr. C Mallikarjuna Rao presented the speaker with a memento.

G Subramanian speaks on continuous automated manufacturing process

3 September: Dr G Subramanian, Senior Scientist in DMPK Division of Novartis Healthcare Pvt Ltd, Hyderabad delivered a lecture on 'Continuous Automated Manufacturing Processes (CAMP): Industry Relevance' on 3 September, 2016. Dr Subramanian detailed the advantages of CAMP and FDA perspectives. By citing melt extrusion technology, he emphasized on the importance of continuous manufacturing. In his interaction with post-graduate students and research scholars, Dr Subramanian spoke about QbD concepts and the significance of design space in pharma industries. Dr G Subramanian obtained his PhD from Manipal University. The guest lecture was organized by department of pharmaceuticals.

PhD awardees

Dr Grandhi V Ramalingayya defended his PhD viva successfully on 2 September. His work was on the 'evaluation of naringin and rutin to reverse doxorubicin-induced cognitive deficits in rat model of mammary carcinoma'. Dr K Nandakumar and Dr C Mallikarjuna Rao were his guide and co-guide respectively. He was a full time research scholar in the department of pharmacology. At present, Ramalingayya is working in Suven Life Sciences Limited, Telangana



Faculty Achievement

Manipal College of Pharmaceutical Sciences collaborates with Healthcare company for research projects



[L-R] Girish Pai K, Mohit Khullar and Girish Thunga

MCOPS collaborated with Nerve24 Technologies Private Limited for various short and long-term research projects. Nerve24, a Healthcare service provider based in Mumbai, enables patient community or healthcare providers to engage with any other / each service provider through "innovative tech platform". Dr Girish Pai K, Faculty, Department of Pharmaceutics initiated the talks of collaboration during a national level healthcare conference in Mumbai during February 2016. Nerve 24 shall be signing MoU with Manipal University and has agreed to sponsor PhD project jointly under the Department of Pharmacy Practice (Dr Girish Thunga) and the Department of Pharmaceutics (Dr Girish Pai K). Mr Mohit Khullar (Director and cofounder, Nerve24), an engineer by profession and alumnus of IIM Lucknow, visited Manipal University campus on 11August. Mr Khullar also met Dr Harishchandra Hebbar, CEO of MUTBI, MIT campus on 12August and presented a proposal for a startup venture jointly with MCOPS. The visit was successful and MUTBI has formally agreed to issue "Letter of Recommendation" to Nerve24's application as a potential candidature, which needs to be submitted to Secretariat Office (Indian STEP & Business Incubators Association, Govt. of India) in New Delhi for further processing and approval.

Post-doctoral Research Fellowship brings laurels to MCOPS

Dr Vamshi Krishna T successfully completed his post-doctoral research fellowship [August 2015-July 2016] at Laboratory of Biomedical Vibrational Spectroscopy (LEVB), Instituto de Pesquisa e Desenvolvimento (IP&D), Universidade do Vale do Paraiba (UNIVAP), Brazil. Vamshi worked under the guidance of Prof Airton Abrahão Martin, Head of the Laboratory of Biomedical Vibrational Spectroscopy and Coordinator for the Biomedical Engineering program in Universidade do Vale do Paraiba.



The project (funded by CAPES) mainly dealt with the application of confocal Raman spectroscopy to human skin. This non-invasive technique was used to evaluate various novel cosmetic and topical pharmaceutical preparations. It was mainly applied to study the in vivo human skin penetration profiles of these cosmetic and pharmaceutical ingredients. Quality data in the form of confocal Raman spectra was generated by conducting various in vivo human volunteer studies. A portion of the work titled "Statistical strategies to reveal potential vibrational markers for in vivo analysis by confocal Raman spectroscopy" was published in Journal of Biomedical Optics (Volume-21, Issue-7) with an impact factor of 2.556 (2015). Dr Vamshi Krishna is an Assistant Professor-Senior Scale in the Department of Pharmaceutics.

ALUMNI DIGEST

Dr Jagadeswara Rao obtained his PharmD from MCOPS. He recently joined the University of Houston for PhD program in Pharmaceutical Health Outcomes and Policy Research (PHOP) department. Dr Rao's research interest lies in pharmaco-economic evaluation of drug therapy in real world scenario. Jagadeswara says, "Pursuing PharmD at MCOPS significantly boosted my career and personal life aspirations. I feel proud to be an alumnus of Manipal University. I intensely recommend every student to enjoy the benefit of staff, library, infrastructure and other countless resources at MCOPS". Rao can be reached at jrearla@uh.edu



Dr K Bharathi, Professor of Sri Padmavathi Mahila University received an award from the Chief Minister of Andhra Pradesh for excellence in Teaching and Research in September 2016.



Upcoming Events

Oct 12-13: MUSRF- International Conference on Healthcare and Technical Research (ICHTR)

Oct 14-16: Golden jubilee conference APTICON

Nov 12-13: ISCR workshop on Clinical Trials

Dec 15: Statistical tools in pharma data analysis workshop organized by I2C

OBITUARY

Professor N Krishnamurthy (94), the former director of MCOPS passed away on 25 August at his residence in Udupi. The Principal of MCOPS, Dr C Mallikarjuna Rao, called for a condolence meeting on 26 August at 11.00 am where the staff members and students of MCOPS gathered to pray for the departed soul. Professor Krishnamurthy was the second director of MCOPS and served the institution for two years.

