



MANIPAL COLLEGE OF PHARMACEUTICAL SCIENCES

MANIPAL

(A constituent unit of MAHE, Manipal) - The most sought-after for pharmaceutical education and research

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RANKINGS

MCOPS Finds Place Between 201-250 in QS World University Rankings March, 2019

Manipal Academy of Higher Education achieved another milestone, as it became the only private University in India to be featured in the QS World rankings in the areas of Medicine and Pharmacy. This is the third consecutive year that MAHE is the highest ranked private University in the country, speaking volumes about its commitment to excellence in education and research, given the strict evaluation parameters for the rankings.

Manipal College of Pharmaceutical Sciences (MCOPS) has found its name in the top 201-250 colleges in the QS World University ranking in the Pharmacy and Pharmacology category. QS ranking system has several performance indicators such as academic reputation, employer reputation, student-to-faculty ratio, citations per faculty, international faculty ratio and international student ratio

NIRF Ranking, 2019

MCOPS continues to be the seventh best in National Institutional Ranking Framework (NIRF) 2019 ranking. The NIRF ranking framework follows an approach which outlines a methodology to rank institutions across the country. The parameters broadly cover Teaching, Learning and Resources, Research and Professional Practices, Graduation Outcomes, Outreach and Inclusivity and Perception.



Dr C Mallikarjuna Rao with the Honourable, President of India, Ram Nath Kovind

COLLEGE EVENTS

Commemoration Lecture 2019

MCOPS organized "Manipal IPCs (23rd IPC 1972, 42nd IPC 1990 and 62nd IPC 2010) funded MCOPS Golden Jubilee Commemoration lecture" and Alumni meet on 09 February 2019.

Dr Siddhartha P Sarma, Professor, Molecular BioPhysics Unit, Indian Institute of Science, Bengaluru was invited to deliver a lecture on "Peptides from Animal Venom as a source of Pharmacologically Active Molecules." He shared his journey in exploring Conotoxins, short peptides derived from Indian Cone Snail species and explained how these could be used as drugs. He highlighted the importance of interdisciplinary collaborative research. He encouraged the students saying, "Think and find the possible avenues which can be explored in future." The program was chaired by Dr Saleemulla Khan, Principal, PA College of Pharmacy, Mangalore and Dr Pulok Mekherjee, Professor, Jadavpur University, Kolkata. All dignitaries were felicitated by the

organizing committee at the end of the program. The program was witnessed by the presence of faculty members and students of MCOPS in large number.



Awards and Annual Day 2019

MCOPS celebrated its 56th Awards and Annual Day on Saturday, February 9, 2019 evening at KMC Greens, Manipal. The function was presided by the Chief Guest Dr S Eswara Reddy, Drug Controller General of India, Central Drugs Standard Control Organization, Govt. of India, New Delhi. Dr C Mallikarjuna Rao briefed the annual report highlighting the events of significance for the year 2018. Dr Poornima Baliga, Pro Vice-Chancellor (Health Sciences), MAHE and Dr PLNG Rao, Pro Vice-Chancellor (QA), graced the occasion. Dr Poornima Baliga appreciated the remarkable achievements of MCOPS during the year.

Dr S Eswara Reddy addressed the gathering and focusing the student crowd, said "Have a very big dream, unless you have a big dream, you will not be visible in the society. Person's visibility is because of attitude, behavior, courtesy you show to others". Further, he said that pharmacy is one of the best professions in India in terms of career development.



Students who excelled in academics in various programs received endowment awards and certificates. Students who scored a distinction (GPA 7.5 and above) in the university examinations held, were also given merit certificates. Students also received awards instituted by Innovative Communication Club of MCOPS for abstract making and scientific poetry writing competitions. During the ceremony, 'Life Time Achievement Award' was honored to Dr J Venkata Rao, Professor, Dept. of Biotechnology. TMA Pai gold medal for the outstanding research paper was bagged by Ms. Navyasree, Research Scholar and Dr Lalit Kumar, Assistant Professor – Senior Scale. Dr Rekha Shenoy, Associate Professor, Dept. of Pharmacology; Dr Srinivas Mutalik, Professor, Dept. of Pharmaceutics; Dr Alex Joseph, Associate Professor, Dept. of

Pharmaceutical Chemistry received Good Teacher Awards. Dr Usha Y Nayak, Associate Professor, and Dr Shaila Angela Lewis, Associate Professor - Senior Scale, Dept. of Pharmaceutics received Teacher of the Year Awards. Best Supporting Staff Awards were received by Mr Ramesh and Mr Jagadish Nayak.

There was a variety of entertainment from students, which delighted the audience. All Academic Committee Members of MCOPS were present during the program. Dr M Sreenivasa Reddy, Vice Principal, MCOPS proposed the vote of thanks.

“Qalam, - mightier than the sword”

was the first literary fest of MCOPS which was the brainchild of the editors of the MCOPS Ed board from 2017-2018 February 25 -28, 2019. The second edition of this intercollege fest was a much anticipated event. Qalam is an initiative to celebrate literature and dedicate a fest to the ardent poets and writers amongst us. This year Qalam had an addition to its event list in the form of book quiz. Apart from the events, Qalam is well known for its theme based decoration which gives the college and the participants new zeal to engage in them. The fest began with story book quiz which was filled with zest and enthusiasm. It was dedicated to the avid readers and six teams were selected for the final round. Blurb writing witnessed some budding writers and unique stories.



The debate prelims was also conducted on the same day. The topics were Brexit, Israel, marijuana and surveillance. The second day of Qalam commenced with spell-bee prelims and it was followed by spell-bee finals. The event consisted of rounds like jumble letters, guess the lyrics, finding a word from its meaning. The event was won by Utkarsh and Anjana. The third day of Qalam consisted of book quiz finals and debate finals. The book quiz finals consisted of 6 rounds namely walk down memory lane, rapid fire, connect the pictures, less or known books and pick your author. The event was won by Varun, Shreya and Ayush followed by Swapnil, Anagha and Aieshel. In the debate finals the topic was diplomatic isolation of Pakistan and was won by Sarbanu and Manasvi followed by Rajdeep and Adhiraj and in the third place were Varun and Saharsh. The last day of this enthralling fest started off with the valedictory function where the chief guest was Dr Padmarani, Director, School of Communication (SOC). She encouraged our students to make literature a part of their everyday lives. The winners were awarded with cash prizes and certificates. It was followed by slam poetry, the most awaited event of the entire fest. The evening was filled with soulful poetry by students who took a brave step in voicing their opinions. The audience were captivated with the beauty and ease with which the young poets expressed their emotions, Vedant bagged the first prize. The four day long fest came to end with a scrumptious dinner that was laid out for the participants marking the end of Qalam 2019.

Athlos 2019

MCOPS conducted Annual athletic meet ATHLOS 2019 on Friday 1st March 2019 at MIT Grounds Manipal. Chief guest was Dr Keerthilatha M Pai, Dean Manipal College of Dental Sciences, Manipal. The march past began with the salute to the chief guest by all MCOPS student contingents. The inaugural programme started with a welcome address by Vice-principal Dr M Sreenivasa Reddy and chief guest address by Dr Keerthilatha M Pai. Dr M Manjunath Setty, MAPS Secretary, Mr Shridhar H. Director of Physical Education, Mrs Shanthi P Assistant Director of Physical Education and Mr Vasudev R Pai Sports advisor MCOPS, all the Heads of the Departments and faculty members of MCOPS were also present during inauguration program. Students of MCOPS participated in many sports events with true sportsman spirit throughout the day.



The valedictory programme with the distribution of trophies, medals and certificates to the winners by Principal Dr C Mallikarjuna Rao. First time in the history of MCOPS, PG team won overall championship trophy Athlos 2019, and the runners up were third-year UGs. The program was concluded with vote of thanks given by student sports secretary Ms Sahithi Thotakura.

PharmaQuora 2019

PharmaQuora 2019, annual UG/PG research fest hosted by the academic council was held on 6th and 7th of March with the theme “disruptive technology”. This year PharmaQuora underwent an evolutionary change under the guidance of Dr Pradeep Muragundi, Faculty Coordinator, PharmaQuora. An overhauling 40% increase in the registrations was observed through the newly designed PharmaQuora online registration portal, 288 registrations in total along with 5 GPPeD delegates.

The inaugural ceremony was conducted in MMMC Lecture Hall in the presence of Principal Dr C Mallikarjuna Rao, Vice Principal Dr. Sreenivasa Reddy, Secretary of MAPS Dr Manjunath Setty. The keynote speaker Mr Pratap Kumar Nair, CEO and VP of Apoteck Healthcare, gave an influential talk on Disruptive technology followed by a session by research scholars Mr Sushil Raut and Mrs Pushpita Sahu. The poster session was conducted at MCOPS. For the first time, the posters were segregated into research and conceptual categories. A total of 80 abstracts were received out of which 62 posters were evaluated by a panel of 4 judges. 8 best abstracts each in the research and conceptual category were reviewed at three levels and selected for oral presentation. On the second day, oral presentations were conducted. The session was followed by a workshop on research paper publication by Dr Bharti C Magazine for the 3rd, 4th year and PGs and CPR training

for the 1st and 2nd year student delegates. Model making competition was conducted along with the final round of Pharma-Quiz for 5 teams who cleared the preliminary rounds conducted earlier.



The program concluded with the valedictory function. Winners of the various competitions were awarded. Dr C Mallikarjuna Rao who was overwhelmed by the turn-up, addressed the crowd and motivated all to participate in large numbers in the coming years. He gave more emphasis on scientific publications to be generated out of the research projects done by undergraduates.

DAYS OF IMPORTANCE & CLUB ACTIVITIES

Constitution of new I2C council for the year 2019

Innovative communication club (I2C) is a club comprising students, research scholars, and faculty members. I2C is committed in creating an environment of research and learning, igniting young minds and stimulating a spirit of discovery and leadership. The club comprises research scholars designated to different posts and is constituted newly every year.



The formal meeting for constituting new I2C council for the year 2019 was held on 3rd January, 2019, where new council members were introduced and handed over the responsibilities of I2C. This annual meeting was presided by Dr N Udupa, Director Research (Health Sciences), MAHE and Dr C Mallikarjuna Rao, Principal, MCOPS. They addressed the gathering and extended their best wishes to the new council members. Dr Usha Nayak, Faculty Coordinator of I2C and other Faculty members of MCOPS, Research Scholars were present. During this meeting, president of I2C 2018 Ms Reema Narayan presented the activities of the council in the year 2018 and also gave a briefing of membership status and financial status of the club.

National Youth Day 2019

On the occasion of National Youth Day 2019, in commemoration with the 157th birthday of Swami Vivekananda, Community Development Committee (CDC), MAHE Association of Pharmacy Students (MAPS) organized a talk on the 12th of January 2019 at P Gundu Rao Hall, MCOPS, MAHE, Manipal.



The Chief Guest of the program Dr Geetha Maiya, Director of Student Affairs, MAHE, Manipal delivered a talk. Dr Geetha Maiya exhorted the audience on the responsibilities and the duties of a student as a youth, the needs to be inculcated and fulfilled to serve and represent for a purpose in the society. She also enlightened and inspired the crowd by quoting the very famous words by Swami Vivekananda which is **“Arise, awake, and stop not until the goal is achieved.”** She also spoke about the essentials of success, - “knowledge, skill, and attitude”. Students can develop a good attitude, by helping others by providing emotional, mental, social and physical support be it in matters related to academics or not and how we as human beings can inculcate and imbibe different habits and instincts to serve the community and help improve the community and society around us.

Ms Tashreefa Basheer was the Master of ceremony and at the end of the session, the secretary of CDC (MAPS), Miss Rupal Aroza delivered the vote of thanks. The program was attended by the students and Faculty of MCOPS.

CDC, MAPS visit to Rehabilitation Centre



Community Development Committee (CDC), in association with Student Exchange Committee, MAPS members went on an educational tour along with 18 students from Griffith University, Australia to Spandana Vocational Rehabilitation Centre for Mentally Challenged Person,

Uppoor, Udupi, Karnataka on January 27, 2019. The Institute takes care of 40 adult men of age groups between 18 to 40 years. Ms Samridhhi Kamath had addressed the gathering and introduced the students from Griffith University to the students of Spandana. Various activities were conducted such as passing the parcel, crafting creative art work from paper, drawings of war ships, flowers and origami, etc. It was a great learning experience and the students from both the institutes bonded very well with each other.

Blood Donation Camp



Community Development Committee (CDC), MAPS in association with Student Exchange Committee, MAPS and International Pharmacy Students Federation (IPSF), organized a Blood Donation Camp at the Blood Bank, Kasturba Hospital, Manipal on 19th of February 2019. The blood donation camp was inaugurated by the Principal Dr C Mallikarjuna Rao and Vice Principal Dr M Sreenivasa Reddy, MCOPS along with faculty advisor of CDC Dr Kanav Khara. Following the inaugural function, 161 volunteers from various institutes of MAHE came forward to donate blood during the camp. 119 units of blood was collected from the selected donors. Some of the donors who were unable to donate were advised on how they could be healthier for their next donation. A Certificate of appreciation, donation card, and refreshment was given to each donor as a token of gratitude.

Mathribhasha Diwas



To promote awareness of linguistic, cultural diversity and usage of mother tongues, MCOPS, MAHE celebrated Mathribhasha Diwas on 21st February 2019. The objective was to sensitize people on the need for greater use of mother tongue and other Indian languages for the development and progress of the nation to impart communication skills

and proficiency in the mother tongue. The Chief Guest for the programme was Professor Kinnikambla Padmanabha Rao also well known as KP Rao, who is a computer and lipi expert, who first developed Kannada software and Kannada fonts. A talk was delivered by Prof KP Rao regarding the origin and history of Mathribhasha Diwas, the importance of celebrating Mathribhasha Diwas and the significance of the usage of our mother tongue. Students also spoke about their state and mother languages. Students, faculty and research scholars participated in this event.

World Cancer Day



To mark the occasion of celebrating Cancer Awareness month on 28th of February 2019, Community Development Committee (MAPS) in collaboration with Dept. of Pharmacy Practice, MCOPS; Dept. of Clinical Psychology, KMC; Dept. of Palliative Medicine, KMC and Support Care, MAHE, Manipal Karnataka organized and conducted a Health Education program for Cancer Patients. The event was conducted at Shirdi Sai Baba Cancer Hospital and Research Centre, Manipal. Twenty five volunteers had participated for this event and had educated 40 patients along with their well-wishers on aspects of Nutrition, personal hygiene and management of Adverse drug events at home due to chemotherapy. Patient Information leaflets in English and Kannada were provided to the patients for the same. Dr Shwetha TS, Assistant Professor, Dept. of Clinical Psychology had delivered a talk on Management of stress and anxiety. Patients including their well - wishers were exhorted for the same. At the end of session, the patients and well – wishers from the audience were allowed to voice their thoughts and suggestions on better ways of combating stress and trauma owing to their awareness of different types of Cancer within the family.

Booklets by JASCAP (Jeet Association for Support to Cancer Patients) were provided on various types of Cancers to the patients and the staff at Shirdi Sai Baba Cancer Hospital and Research Centre. JASCAP with its pro-active and knowledge-based approach, is committed to provide educational material and advice pertaining to cancer, its diagnosis and management to cancer patients, their families and caregivers. The event was supervised under the leadership of Dr Kanav Khara, Faculty Advisor, CDC, MCOPS.

International Women's Day Celebration 2019

International Women's Day was celebrated at MCOPS on March 8, 2019 by I2C committee. The team conducted various games for the non-teaching staff of the college in the first session followed by playing a documentary featuring the history of IWD and inspirational message to all the women.

Dr Shyamala Hande, Deputy Registrar, Academics-Health Sciences was the chief guest for the formal function. Dr Hande motivated the audience with her words and talked about how women can become great leaders and excel in their respective fields. At times when everything

seems to be fading in life, she has emphasized on how certain books can motivate and bring back mental strength. She also exemplified how important role books play in our lives. She has also talked about inculcating leadership qualities and giving our best in everything. Following Dr Shyamala Hande, Dr C Mallikarjuna Rao, Principal, MCOPS, highlighted the role of women in every man's life and that women are naturally more intelligent than men. He emphasized on how important it is to balance the emotional intelligence. He said it is important that every man takes care of a woman's health and it would result in a happy and fruitful life. Awards were presented to the winners of the games at the end of the formal function.



The program was conducted under the guidance of Dr. Usha Y Nayak, Coordinator of the I2C committee. Ms. Sadhana Mutalik was the master of ceremony. Ms. Keerthi Priya, I2C President, proposed the vote of thanks, and the program ended with a healthy discussion among the audience.

CONFERENCES, WORKSHOPS & SEMINARS

CPCON 2019

Department of Pharmacy Practice, MCOPS, Manipal organized 4th International Conference on Clinical Pharmacy (CPCON-2019) on January 5-6, 2019 at Dr TMA Pai Halls, KMC, MAHE. The theme of the two-day's conference was "Transitioning Towards Multidisciplinary Care and Research". The program was inaugurated by the chief Guest Dr Pragna Rao, Dean, Kasturba Medical College, MAHE, Manipal. Dr Mahadev Rao, Professor and Head, Department of Pharmacy Practice, MCOPS, MAHE and Convener- CPCON, gave welcome note. Dr C Mallikarjuna Rao, Principal, MCOPS and Dr M Sreenivasa Reddy, Vice-Principal, MCOPS and the keynote speaker of the conference Dr Rory E. Kim, University of Southern California, USA also presided the lighting of the lamp. Dr Pragna Rao in her inaugural speech said that pharmacy profession is playing a vibrant role in healthcare of India. However, not much credit has been given to pharma sector for the quantum of pharmaceuticals produced and exported across the world. She told to have deliberations and debate on this issue during the conference. She also said, "Clinical pharmacy is still in its budding phase. Protocols which are related to the practice of medication, to the practice of prescription are to be refined". Dr Surulivel Rajan, Associate Professor, Department of Pharmacy Practice proposed the vote of thanks.

Around 650 delegates from 58 pharmacy colleges in India and abroad have travelled to Manipal to attend the conference. Many national and international speakers delivered talks and shared their real time experience with the delegates.



The resource persons for the conference were, Christopher P Varghese Ph.D (AIMST University, Malaysia); Hari Venkatesh, MD, DM (JIPMER, Puducherry); Julius Anthony Vaz, MD (Global Program Head, Novartis); Douglas Steink, Ph.D (University of Manchester, UK); Chiranjay Mukhopadhyay, MD, Ph.D (KMC, Manipal); S Sriram, Ph.D (SRIPMS, Coimbatore); Ganesh Rai, Ph.D (NCATS, National Institute of Health, USA) and Ram Krishna Prasad, M.Pharm (LS Projects, Cognizant Technology Solutions).

Gala dinner held on 5th January was coloured by various performances from different participating colleges. Pharmacy Practice Faculty Research Forum meet was one of the highlight of this year program. During the valedictory program best abstracts, posters and oral presentations awards were distributed to the winners. The Chief-guest Dr C Mallikarjuna Rao present to mark the valedictory program. During the valedictory program, Dr Rajesh V, Organizing Secretary of the conference briefed the facts and figures of the conference and gave concluding remarks.

PM Modi's interaction at Pariksha Pe Charcha 2.0: A conversation with students, parents & teachers



Faculty and students of Manipal College of Pharmaceutical Sciences (MCOPS) were waiting to witness Pariksha Pe Charcha 2.0, interaction of Honorable Prime Minister on 29th January, 2019. Pariksha Pe Charcha started with a brief educational cum entertainment program. Later, Shri Prakash Javadekar has made a mention and success of previous version of Pariksha Pe Charcha and invited Shri Modi Ji, Honorable Prime Minister of India for addressing parents, teachers and students assembled in large numbers. The same was telecasted live via youtube link in MCOPS, Prof P Gundu Rao Conference Hall to accommodate faculty and students. All who have attended the program expressed their happiness and said they were enlightened from the address where Honorable Prime Minister despite of his busy schedule taken time to

address and answer the questions of students related to examination and other issues.

Molecular Docking, Virtual Screening & Computational Biology



A four-day workshop was conducted on 4th – 7th February 2019 at MCOPS on the topic “Molecular Docking, Virtual Screening & Computational Biology”. This event is organized with the collaboration of Schrödinger Software Company. Schrödinger is an American company and is the scientific leader in developing state-of-the-art chemical simulation software for use in pharmaceutical, biotechnology, and materials science research. The program was inaugurated by Dr C Mallikarjuna Rao, Principal of MCOPS, Dr N Udupa, Research Director of MAHE, was present as a guest of honor. Also Dr M Sreenivasa Reddy, Vice-Principal, and Dr Gautham G Shenoy, HoD of Department of Pharmaceutical Chemistry, were present during the inaugural ceremony. As a part of MoU with Schrödinger, it will provide guidance and training to the research scholars, teachers, and scientists of MAHE in the field of molecular simulations and drug discovery.

Nearly 100 delegates participated, including Ph D scholars, faculty from various institutes of MAHE. The resource personnel from Schrodinger has vast experience in handling drug discovery tools. They gave insights and hands-on training to the delegates about the various tools of the software.

SFEC Conference 2019

Dr Pulok K Mukherjee, Chairman, Scientific Services ISE-SFEC- 2018 and Dr Caroline S Weckerle, Institute of Systematic and Evolutionary Botany, University of Zurich, Zurich, Switzerland delivered key note address after the inauguration. 38 chairpersons chaired the oral sessions. SFE-Pranab Banerji Memorial Award Lecture was delivered by Dr JN (Kobus) Eloff Faculty of Veterinary Medicine University of Pretoria Pretoria, South Africa. SFE Special Recognition Award Lecture was delivered by Dr Harpal S. Buttar, Faculty of Medicine, University of Ottawa, Ottawa, Canada. SFE ZANDU Award Lecture was delivered by Dr Anand K Choudhary, Dept. of Rasa Shastra, Institute of Medical Sciences, Banaras Hindu University, Varanasi, India. Synergy Session - “Synergy Research on Natural Drugs and Compounds” was conducted on February 11, 2019. Different sessions were conducted on Synergy in Ayurveda and traditional Indian Systems of Medicine, Plant Metabolomics etc. Same day evening SFE - general body meeting was conducted. Ethnopharmacology Conclave was the attraction of the conference, where there was an Interactive Meet with Traditional Healers for Documentation of Local Health Traditions (LHTs) and Ethno Medical Practices (EMPs). Traditional Healthcare Practitioners and Healers from various parts of India attended the program.



Total 281 abstracts were accepted for the poster presentations, out of which 190 posters were presented by the delegates. 20 abstracts were selected for oral presentations for the SFE-Young Ethnopharmacologist Competition.

The conference ended with the valedictory program held on February 11, 2019 noon. Dr Shekhar Dutt, Former Governor, Chattisgarh was the Chief Guest for the program. Best oral and poster awards were distributed. Two young scientists were awarded as SFE-Young Ethnopharmacologist, with Prof PK Debnath Memorial Award. Fourteen best poster awards were distributed. There was a felicitation to Local Organizing Committee members by the Society for Ethnopharmacology, India. Also, the SFEC flag was handed over to Jamia Hamdard, New Delhi.

IPFS - Good Pharmacy Practice Education Program

Good Pharmacy Practice Education (GPPed) is an annual project of the office of Asia Pacific Region of International Pharmaceutical Students Federation (IPSF). MAPS (MAHE Association of Pharmacy Students) based at MCOPS, a member association of IPSF organized this event for the first time in India. The event was organized from March 2-5 and included Symposiums - Antiviral stewardship, Artificial intelligence on pharmacy, analytical sophistication for drug delivery; Hands on workshops - drug compounding, medication therapy management, herbal formulations, CPR, antibiotics standardization; Panel by interdisciplinary students, Indian night, International night; Post GPPed cultural immersion.



The event was inaugurated by Dr K Satyamoorthy, Director, School of Life Sciences, attended by 50 students including student delegates from 7 countries and in-house MAHE delegates. Dr H Vinod Bhat, Vice Chancellor, MAHE was the Chief Guest of the Valedictory function along with Dr Raghu R, Director, OIAC as Guest of Honour. MAPS is the only university association from India to get the IPSF membership apart from Indian Pharmaceutical Association- Students Forum (IPA-SF). For the

last 2 years MAPS has been actively involved in student exchange program and pharmacy education program through IPSF.

Quality Improvement Program

AICTE sponsored Quality Improvement Program (QIP) on “**Holistic Approach for Evidence-based Medicine in the Era of New Healthcare Reforms in India**” was organized by Departments of Pharmacology, Pharmacognosy and Pharmacy Practice, MCOPS for two weeks from 18-30 March 2019. The objective of this program was to provide a platform for the faculty from various colleges to explore and get an insight of evidence-based medicine.



The program was inaugurated by the honorable Chief Guest, Dr Poornima Baliga, Pro Vice Chancellor, Faculty of Health Sciences, MAHE on 18 March 2019, accompanied by the resource persons, Dr. SK Kulkarni, Former Professor and Former Vice Chancellor (DUI) (PU), Chandigarh and Dr Praveen TK, Professor and Head, Dept. of Pharmacology, JSS College of Pharmacy, Dr C Mallikarjuna Rao, Principal, MCOPS and Dr M Sreenivasa Reddy, Vice Principal, MCOPS. Dr K Sreedhara R Pai, Professor & HOD, Department of Pharmacology, Dr Manjunath Setty, Professor & HOD, Department of Pharmacognosy and Dr Mahadev Rao, Professor & HOD, Department of Pharmacy Practice were also present during the program.

Dr C Mallikarjuna Rao addressed the gathering by expressing his gratitude towards AICTE for providing the opportunity to conduct QIP every year. Dr Poornima Baliga in her inaugural address emphasized on need for the evidence based medicine. She also said that the research should focus on addressing the problems of the society. Bench side research would not be enough, it has to be translated and benefitted to the community.

Manipal-BMS symposium on DMPK

MCOPS and Biocon-Bristol-Myers Squibb Research and Development Centre (BBRC), Bangalore conducted a joint one-day symposium on May 31, 2019. Three speakers from BBRC Dr Thanga Mariappan, Dr Shiva Prasad Putluru, and Dr Devang Shah deliberated on various topics relevant to DMPK areas. Around 100 students from various departments attended the program. At the end of the lecture session, students interacted on various topics of their interest with the resource persons. Overall, this symposium introduced the concept of PK-PD modelling, drug metabolism studies, and overview of research at BBRC, Bangalore. After the conclusion of the main program, there was a focussed discussion with research scholars on their respective research topics, and the resource persons gave their inputs on their projects. Dr M Surulivelrajan, Associate Professor, Mr Elstin Anbu Raj and Mr Sai Kumar Matcha, Research Scholars of Department of Pharmacy Practice, MCOPS co-ordinated this event.



Ethnomedicine: An update 2019

MCOPS and Centre for Integrative Medicine Research (CIMR), MAHE organized one-day program entitled “Ethnomedicine: An update 2019” on June 22, 2019, at MCOPS. The objective of this program was to explore recent advances in the standardization of herbal medicines and also to explore the opportunities in indigenous systems of medicine, which has tremendous potential throughout the world for interdisciplinary research.

Dr Arun G Maiya, Dean, Manipal College of Health Professions (formerly, School of Allied Health Sciences) inaugurated the program, accompanied by Dr N Udupa, Director - Research (Health Sciences) MAHE, Dr C Mallikarjuna Rao, Principal, MCOPS and Dr M Sreenivasa Reddy, Vice Principal, MCOPS and Dr Basavaraj S Hadpad, Head, Dept. of Ayurveda. Dr Maiya, in his inaugural speech, said health professionals should not focus on the management of disease progress rather should focus on the quality of life.



Many eminent speakers delivered talks on diverse topics under the theme, including Dr A Muthusamy, Department of Plant Science, School of Life Sciences MAHE, Manipal; Dr Shrinath Baliga, Department of Radiotherapy, Mangalore Institute of Oncology, Mangalore; Dr Jayesh Mudgal Department of Pharmacology and Dr Richard Lobo, Dept. of Pharmacognosy, MCOPS, MAHE, Manipal; Dr Anupama V Nayak and Dr K Madhusudhana from Department of Ayurveda, CIMR, MAHE, Manipal. The program was by the participation of faculty members, research scholars, and students of constitution colleges of MAHE.

Interactive Workshop on Scopus and SciVal

An Interactive 'Workshop on Scopus and SciVal' was conducted on June 28-29, 2019 by Dr Yogendra Nayak, Associate professor, Department of Pharmacology at MCOPS for the benefit of research scholars. Being a coordinator of the Centre for Research on Research, under the aegis of Directorate of Research, MAHE, Dr Nayak deliberated and gave hands-on training on terminologies of research and research output measures using Scopus and SciVal database. At the end of a two days session, Dr

N Udupa, Director Research (Health Sciences), MAHE, Manipal, gave a valedictory note and distributed the certificates to the participants. About 30 research scholars of MCOPS actively attended the workshop



Design Thinking

Department of Pharmacy management, MCOPS, MAHE and ISPOR student chapter, Manipal conducted a workshop on the topic "Design thinking" on February 23, 2019. The program was conducted by Mr Anil D'Souza, manager, Human resources, MAHE, manipal. Mr D'Souza trained the participants on leadership skills and discussed on creativity and innovations as culture building and problem solving tools. The program was coordinated by Dr Manthan Janodia, faculty advisor, ISPOR student chapter, manipal.

GUEST LECTURES

Guest lecture on international career and fellowship opportunities

"Discussion is the key for the beginning of a research idea", opined Dr Nanasaheb Thorat during the guest talk, organized by the Department of Pharmacology on January 5, 2019. Dr Thorat is presently working as an Assistant Professor in the Department of Biomedical Engineering at Wroclaw University of Science and Technology, Poland. To his credit, Dr Thorat has several fellowships, viz., Fulbright USA, PBC Israel, JSPS Japan, Humboldt Germany and the prestigious Marie Curie. He shared his personal experience on fellowship opportunities. "Immense caliber, high risk and impactful research proposals have a fair chance of winning a grant", said Dr Thorat. Post-graduate students, PhD research scholars and faculty of pharmacology department were present during the lecture. Dr Nitesh Kumar, Assistant Professor-Selection grade compered the event.



Guest Talk by Dr Sohil Khan

Dept. of Pharmacy Practice, MCOPS organized a guest talk by Dr Sohil Khan, Faculty, School of Pharmacy and Pharmacology, Griffith University, Australia on 15th Jan. 2019. He is also an adjunct faculty of Department of Pharmacy Practice, MCOPS. He delivered a talk on "Pharmacy education, research and career opportunity in Australia". During the talk he enlightened the students with his journey from Manipal to Queensland and also explained various funding opportunities, students' scholarships and student exchange programs offered by Australian Government. He also motivated the students to acquire softs skills and need of publications in reputed journals for career advancements in abroad.



Guest Talk by Dr Narayanan Surendran



Dept. of Pharmaceutics and Pharmacy Practice, MCOPS organized a guest talk by Dr Narayanan Surendran, President and Founder, RythRx Therapeutics LLC, Ann Arbor, USA on 16th Jan. 2019 in Prof P Gundu Rao conference Hall. He delivered a talk on "Lessons in drug hunting". During his talk, he shared his experience and spoke about the problems and challenges in drug discovery and development with the case studies. He encouraged students saying "You can observe a lot by just watching and if you have a hypothesis, find a way to test it". He emphasized on the need for interdisciplinary research. The talk was attended by the PG students, research scholars and faculty of MCOPS. Dr M Surulivel Rajan, Dept. of Pharmacy Practice coordinated the program.

Guest Talk by Mr Pranjal Gupta

Mr Pranjal Gupta, Brand Manager, Cipla Ltd, Mumbai visited Department of Pharmacy Management, MCOPS, MAHE, Manipal on Jan 17, 2019. Pranjal, an alumnus of MCOPS, interacted with the post graduate students (Pharmaceutical Administration) of Department of Pharmacy Management. In his session, he emphasized on the importance of skill development and skills required in pharmaceutical industry in different

functional domains. He explained his own experience of being a data analyst before joining brand management. The students of the department clarified their doubts and were inquisitive about functioning of pharmaceutical industry and importance of marketing and management.



Dr Manthan Janodia, Professor and Head, Department of Pharmacy Management thanked Pranjal for interacting with the students

Interaction

Mr Raghavendra KV, Manager, Radiant Research and alumnus of Department of Pharmacy Management along with Mr Ashok from Radiant Research conducted campus interview for internship and job offers for MPharm Pharmaceutical Administration students on 11th March, 2019.



Guest Lecture by Mr Ganesh Achar

Ganesh Achar, Product Manager, Himalaya and alumnus of department of pharmacy management delivered a guest lecture on "Skills for Marketing Career" on 5th April, 2018. He also conducted campus interview for both BPharm and MPharm students for product specialist job at Himalaya.



Guest Talk by Dr Umesh V Banakar

Department of Pharmaceutics organized a guest lecture by Dr Umesh V. Banakar, an independent Consultant/Advisor to Pharmaceutical Industry and Academia worldwide with extensive contribution in drug product development and evaluation (in vitro and clinical) including regulatory affairs on the topic "Deconvolution in dissolution and its uses". He spoke on the concept of deconvolution, its significance, applications and the various deconvolution methods used in the dissolution by case studies.



More than 50 participants attended the guest lecture which included faculty, PG students and research scholars. He interacted with them and detailed the importance of deconvolution in dissolution of various dosage forms. Students expressed that they were enriched with the knowledge and experience of the speaker in this topic.

NEW FACILITIES

Inauguration of Ayush Drug Testing Laboratory

AYUSH Drug Testing Laboratory was established in Department of Pharmacognosy, Manipal College of Pharmaceutical Sciences, which was inaugurated by Dr S Eswara Reddy, the Drug Controller General India (DCGI) on 9 February 2019. On this occasion Dr P L N G Rao, Pro Vice Chancellor (QA), MAHE, Manipal, Dr Shekhar Dutta, former Governor of the Indian state of Chhattisgarh, Dr Pulok K Mukherjee, Director, School of Natural Product Studies, Jadhavpur University, Kolkata, Dr George Patani, Director, Inga Laboratories Private Limited, Mumbai, Dr N Udapa Research-Director (Health Sciences), MAHE, Manipal, Dr Mallikarjuna Rao, Principal MCOPS, Dr M.Sreenivasa Reddy, Vice Principal MCOPS, Dr M.Manjunath Setty, HOD, Pharmacognosy, Dr Basavraj Hadapad, HOD, Division of Ayurveda, KMC Manipal and faculty members from MCOPS & Division of Ayurveda were present. Dr M Manjunath Setty welcomed the dignitaries and Dr N Udapa introduced the dignitaries to the faculty members.



Centre for Digital Learning

A *Centre for Digital Learning* is established at MCOPS to promote technology enhanced learning. The centre consists of an e-learning resource development facility funded by Vision Group on Science and Technology, Govt of Karnataka and a digital lab supported by MAHE. The centre has facilities for audio, video and animated content creation which includes recording, editing and hosting the contents and interactive live streaming of educational events. The centre was inaugurated by the Vice Chancellor of MAHE, Dr H Vinod Bhat. During the inaugural message Dr Bhat stressed up on the importance of adopting technology in the traditional practices to enhance learning outcome. He said that digital learning helps learners acquire knowledge beyond the boundaries of classrooms and the roles of a teacher is evolving from a knowledge disseminator to a mentor.



Dr C Mallikarjuna Rao, Principal of MCOPS, Dr N Udupa, Research Director, Health Sciences, MAHE, Dr Aparna, Director, Planning, MAHE and Dr Anoop Kishore, Coordinator of Centre for Digital Learning established under MAHE were also present during the inaugural function. The aims of the Centre for digital Learning under MAHE are to coordinate and execute digital learning and content creation across constituent units of MAHE and training the faculty in preparing innovative digital teaching aids and online courses.

Manipal Poison Detection Center is now on the World Directory of Poison Centers (WHO)

To recognize the listing of Manipal Poison Detection Center on the World Directory of Poison Centers, a plaque unveiling ceremony was organized on 13th June 2019. Manipal Poison Detection Center is the product of collaborative efforts between the Department of Biochemistry, KMC, Manipal, Department of Forensic Medicine & Toxicology, KMC, Manipal and Department of Pharmacy Practice, MCOPS, Manipal.



Dr H Vinod Bhat Vice Chancellor MAHE, Chief Guest unveiled the

plaque. He addressed the gathering and complimented the achievement and encouraged to continue this collaboration between departments of Biochemistry, Forensic Medicine & Toxicology, KMC and Pharmacy Practice, MCOPS, Manipal. Dr Pragna Rao, Dean, KMC highlighted the importance of this center and the contributions of each departments. Dr Girish Thunga P, Dept. of Pharmacy Practice gave an overview of Manipal Poison Information Centre. More than 50 faculty and students from various departments witnessed this event.

ACHIEVEMENTS

Young faculty award

Dr Abhinav Kanwal Assistant professor, MCOPS, has received the 2019 S.C Tyagi Young faculty finalist award and a cash prize of Rs. 5000/- at IACS 2019, International Conference on Translational Research in Cardiovascular Sciences held on February 15-17, 2019 at NIMHANS, Bangalore. His oral presentation described the role of sirtuins in controlling the diabetes induced cardiac failure.



'Grand Challenge Udupi'

Dr M Surulivelrajan, MCOPS has been part of award winning team with WGSMA, MAHE for their product of Energy bars from native grains in 'Grand Challenge Udupi' conducted on March 8-9, 2019 by the Innovation Centre and the Social Work Programme of the Prasanna School of Public Health, MAHE. The team received the award during the Founder's Day celebration of Manipal Group of Institutions held on April 30, 2019 at Chaitya Hall, Fortune Inn Valley View, Manipal.



Manipal McGill Center for Infectious Diseases (MAC ID) Seed grant

Dr Sonal Sekhar M, Asst. Professor-Selection Grade, Dept. of Pharmacy Practice, MCOPS received Manipal McGill Center for Infectious Diseases (MAC ID) Seed grant for the research proposal entitled "Vitamin D Supplements in Diabetic Foot Infection: A Prospective Observational Study in a Tertiary Healthcare Facility" for the

year 2019-2020. Co-investigator of the project is Dr Gabriel Sunil Rodrigues, Professor and Unit Head, Dept. of Surgery, Kasturba Medical College and Hospital, Manipal. MAC ID was launched in the year 2016 with an aim of fostering research and training collaborations in the field of infectious and tropical diseases between MAHE, India and McGill University, Montreal, Canada.



Publication Coordinator of International Pharmaceutical Federation

Ms **Jyothsna Manikkath**, Assistant Professor, Department of Pharmaceutics, MCOPS appointed as Publication Coordinator of International Pharmaceutical Federation – Young Pharmacists' Group (FIP-YPG) for the year 2019.



The International Pharmaceutical Federation (FIP) is a federation of national organizations that represent pharmacists and pharmaceutical scientists. Founded in 1912, FIP is considered the global leader of pharmacy and is headquartered at The Hague, Netherlands.

Provenance 2019

The Innovation Center and MUTBI recently concluded the latest edition of Provenance 2019: Accelerating Ideas to Startups. The goal was to promote entrepreneurship amongst the student/faculty community. This year of the 54 submissions received, 34 teams were selected and took them through a series of training, seminars and workshops and selected 12 Finalists to present their business models to the team of jury. All teams had identified pressing problems and innovative value propositions. Their business models were well thought through and many offered viable business opportunities.



The team "Health Beyond Time" consisting of **Dr Anup Naha**, MCOPS, Dr Somu G, KMC, Manipal and Ms Usha Rani, PSPH was one among the top finalists of Provenance 2019.

To acknowledge the hard work and perseverance of the team effort, the finalists wins a prize of Rs 5000 and is eligible for mentoring and support at the Makerspace and Excelerate Co-Working space in the Innovation Center.

MAHE Inter collegiate staff athletic competition

Mr. Sivakumar K, Research Scholar from the Department of Pharmaceutics, represented MCOPS in MAHE Inter collegiate staff athletic competition held at MIT athletic ground, Manipal 27th January-2019. He received 4 medals from the events Gold medal in High Jump, Silver medal in 100 meters running, Bronze medal in 200 Meters running and Bronze medal in Long Jump.



Prof PK Debnath Memorial Award

Ms Aarti Abhishek Shah, Research Scholar from the Department of Pharmacology has been awarded with "Prof PK Debnath Memorial Award " for Best Oral Presentation in the field of Ethnopharmacology and Medicinal plant research at SFE-Young Ethnopharmacologist competition-2019 held during 6th International Congress of the Society for Ethnopharmacology (SFEC-2019), February 8-10, 2019 at Manipal College of Pharmaceutical Sciences (MCOPS), MAHE, Manipal.



Ms Aarti is pursuing her PhD under the guidance of Dr Yogendra Nayak, Associate Professor, Dept. of Pharmacology, MCOPS.

Anveshan 2019

Mr Suresh Akhil and **Mr Chetan H Mehta**, Research Scholars from the Department of Pharmaceutics, MCOPS were shortlisted from MAHE and presented their innovative work entitled "BioLarve: Bio-Larvicide to combat mosquito-borne disease by terminating the source" at Anveshan: Students Research Convention 2019 held at Vignan's

Foundation for Science, Technology and Research, Guntur, Andhra Pradesh during 22-23 February, 2019. The work was aimed to prepare floating biolarvicide loaded granules to terminate mosquitoes. Akhil and Chetan are pursuing their doctoral research under the guidance of Dr Usha Y Nayak, Associate Professor, Department of Pharmaceutics, MCOPS



Best Poster Award

Ms Reema Narayan, Research Scholar received the 'Best poster award' and cash prize for the poster presented in PhD poster presentation competition organized by Deputy Registrar Academics, MAHE at Manipal Research Colloquium held between April 1-3, 2019. Ms Reema is pursuing her PhD entitled "Development of Controlled Release Functionalized Nanoparticulate Delivery System of anticancer drugs for Colorectal Cancer" under the guidance of Dr Usha Nayak, Associate Professor, Dept. of Pharmaceutics, MCOPS, Manipal and Prof Sanjay Garg, School of Pharmacy and Medical Sciences, University of South Australia, Adelaide.



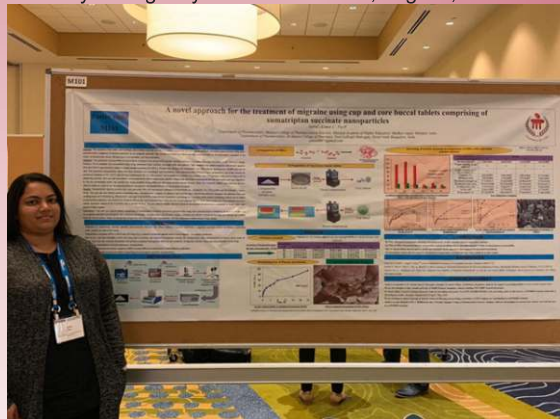
Best Poster Award



Ms Aarti Abhishek received the 'Best poster award' and cash prize for the poster presented in PhD poster presentation competition organized by Deputy Registrar Academics, MAHE at Manipal Research Colloquium held between April 1-3, 2019.

Travel grant

Ms. Salwa, Research Scholar, Department of Pharmaceutics received International travel grant from Indian Council of Medical Research (ICMR), New Delhi and from University of Toronto, School of Pharmacy to participate and present her research work in the American Association of Pharmaceutical Scientists (AAPS) / International Brain Barrier Society (IBBS) workshop on "Novel approaches targeting brain barriers for effective delivery of therapeutics" which was held from April 29 to May 1, 2019 at the Hyatt Regency Dulles in Herndon, Virginia, United States.



Ms. Salwa is currently pursuing her PhD under the guidance of Dr Lalit Kumar, Assistant Professor (Senior Scale), Department of Pharmaceutics, MCOPS, Manipal. In 2018, she also received National Doctoral Fellowship (NDF) from All India Council for Technical Education (AICTE), New Delhi. AICTE support's meritorious research scholars by providing this fellowship who wants to pursue PhD in AICTE approved institutes/universities.

Kundapur Mohan and Lata Bhandarkar Merit-cum-Means Scholarship

Ms Reema Narayan was awarded the 'Kundapur Mohan and Lata Bhandarkar Merit-cum-Means Scholarship' for PhD during the Founder's Day celebration of Manipal Group of Institutions held on April 30, 2019 at Chaitya Hall, Fortune Inn Valley View, Manipal. She is currently pursuing her PhD in the Department of Pharmaceutics, MCOPS under the guidance of Dr Usha Y Nayak, Associate Professor, Dept. of Pharmaceutics, MCOPS, Manipal and Prof Sanjay Garg, Professor, School of Pharmacy and Medical Sciences, University of South Australia, Adelaide.



Best Paper Award

Ms Sadhana Mutalik, INSPIRE (DST) - Junior Research Fellow, Department of Pharmaceutics, Manipal College of Pharmaceutical Sciences, Manipal won "Best Paper Award" and "Cash Prize" for the Oral Presentation in International Conference on Affordable Strategies for Health and Environment organized at NMAM Institute of Technology, Nitte on 23-24 May 2019. The paper was co-authored by Mr Sushil Raut and Dr Srinivas Mutalik. Ms Sadhana Mutalik is presently pursuing her PhD under the guidance of Dr Srinivas Mutalik, Professor, Dept. of Pharmaceutics, MCOPS, Manipal.



20th Annual postgraduate Pharmacology Lecture update

Ms Sahana Pai, Dept. of Pharmacology won first prize, and **Ms Adwaetha Nambiar**, Dept. of Pharmacy Practice bagged the second prize in 20th Annual postgraduate pharmacology lecture update, held on February 2, 2019, at Department of Pharmacology Kasturba Medical College, Mangalore. This is the Lecture competition between the postgraduate students of MPharm pharmacology, Pharmacy Practice of MCOPS, MD, MSc pharmacology students of KMC Manipal and Mangaluru. Annual postgraduate pharmacology lecture update award is the prestigious prize of our university. This was started by then Registrar of MAHE and Professor of Pharmacology Dr Gurumadhva Rao.



Best Poster Award



Ms RJA Vibhavari, II MPharm student from Department of pharmacology was awarded the "Best poster award" for a poster

presentation titled "Amelioration of Temozolomide induced cognitive impairment by Catechin in male Wistar rat model", in the field of Ethnopharmacology and Medicinal plant research at SFE-Poster presentation competition-2019 held during 6th International Congress of the Society for Ethnopharmacology (SFEC-2019), Febraury 8-10, 2019 at MCOPS, MAHE, Manipal. MS RJA Vibhavari is pursuing her MPharm under the guidance of Dr Nitesh Kumar, Assistant Professor, Department of Pharmacology, MCOPS.

Runners up for Business plan

Ms Nichelle Pires, PharmD. (Intern), Dept. of Pharmacy Practice, MCOPS and Mr Reuben Nellissery, Manipal Institute of Technology were awarded runners-up for their business plan "Allert: Critical allergy information is just a tap away" at Provenance 2019. Provenance 2019: Accelerating Ideas to Startups is hosted by The Innovation Center and MUTBI. The goal of the program is to promote entrepreneurship amongst the student community. The aim of the program is to ensure that it is not simply a "Business Plan" competition, but an opportunity to promote entrepreneurship and recognize those most likely to succeed. This year 54 student team submissions were received, of which 34 teams were selected and taken through a series of training seminars and workshops. For the last round, twelve teams were chosen to present their business models to the final jury. The winning teams were selected based on their ability and near-term potential to develop successful startups. They will receive a prize of Rs. 15,000 and selected for 1-year pre-incubation with funding.



Lupin Scholarship

Mr Muvva Aneesh, MPharm student, Dept. of Pharmaceutics received Lupin Scholarship including certificate and cheque from Lupin Limited, Pune, Maharashtra, India.



ALUMNI NEWS

Scholarships for the PhD program from Griffith University

Ms Tejaswini Ashish Kalkundri, a proud alumna of MCOPS (PG from Dept of Pharmacognosy, 2016-2018), has been awarded two scholarships for the PhD program from Griffith University, (Gold coast campus, Queensland) Australia. The awards include Griffith University international postgraduate research scholarship (GUIPRS) and Griffith University postgraduate research scholarship (GGRS), for three years. Ms Tejaswini is pursuing her doctoral research under the guidance of Dr Gary Grand, co-supervised by Dr Mathew Zunk at Griffith.



VISITS

Visit of PharmD students from Erode College of Pharmacy

On 2 February, thirty third year PharmD students and two faculty members of Erode College of Pharmacy, Erode visited MCOPS. Dr Surulivelrajan, from the department of Pharmacy practice, MCOPS coordinated this visit. Dr Rajan provided overview about the programs at MCOPS and the activity of the Department of Pharmacy Practice. Students also actively interacted to learn about the training program of PharmD at MCOPS. Later, in the day, students visited University Central Library and University office. Students appreciated the collection of books for various disciplines and the facilities available to students. Thereafter students visited Manipal anatomy museum and appreciated the extensive collection of specimens. Students appreciated the support and hospitality of MCOPS and MAHE.



Student / faculty exchange initiative

Professor Avril Robertson, Program Director-Biotechnology, The University of Queensland visited MCOPS on April 26, 2019 to discuss mutual research collaboration and student / faculty exchange initiative among both the universities.



MoU with Shreya Life Sciences

MCOPS, MAHE signed MoU with Shreya Life Sciences, Mumbai recently. Dr K Chandrasekaran, GM, Shreya Life Sciences, Mumbai had visited MCOPS on 29th April 2019 for the MoU on the project "Development and evaluation of some Pharmaceutical Formulations" at the Department of Pharmaceutics under the supervision of Dr Mahalaxmi Rathnanand. MCOPS is looking forward to a fruitful collaboration with Shreya Life Sciences.



Eppendorf holds a roadshow at MCOPS

M/s Eppendorf India Limited organized a road show in collaboration with Department of Pharmacology, MCOPS, MAHE on Wednesday, May 29, 2019. The team consisting of Mr Bharath and Mr Arya described the right methods of handling micropipettes and detailed about the different plasticware used in cell culture. Bharath emphasised upon the importance of calibration of pipettes, the salient features available with Eppendorf to prevent contamination during cell culture experiments and the types of pipettes available with them. Over thirty participants including research scholars and staff attended the programme. Divided into a group of ten, learners were exposed to different techniques of pipetting, while research scholars were cautioned about the common lab errors that can occur during liquid handling. Overall, it was an informative and fruitful experience for all those who attended.



PHD DEGREE AWARDS

Mr. Subhankar Biswas, Research Scholar, MCOPS has been awarded a Ph.D. degree from Manipal Academy of Higher Education on January 24, 2019. His thesis entitled "Development of novel quercetin analogues intended for selective HDAC8 inhibition as anticancer agents" under the guidance of Dr. C Mallikarjuna Rao, Principal and Professor, MCOPS, MAHE,, Manipal and Co-Guidance of Dr. BS Jayashree, Professor, Dept. of Pharmaceutical Chemistry, MCOPS, MAHE,, Manipal.



Dr Subhankar

Mrs. Bhavana Bhat, Assistant Professor, Dept. of Pharmacy Management MCOPS has been awarded a Ph.D. degree from Manipal Academy of Higher Education on April 13, 2019. Her thesis entitled "Study on reporting and evaluation of adverse drug reactions of herbal medicines for lifestyle disorders" under the guidance of Dr. D Sreedhar, Associate Professor – Senior Scale, Dept. of Pharmacy Management, MCOPS, MAHE, Manipal and Co-Guidance of Dr. N Udupa, Director Research (Health Sciences) MAHE, Manipal.



Dr Bhavana Bhat

ENDOWMENT AWARDS CONTRIBUTION

Shri K D Chaurasia Award for the best performer in the Intellectual Property Rights subject of MPharm Pharmaceutical Administration. The award was instituted by **Ms Sonal Kirty**, our Alumnus, in the name of her loving father Shri KD Chaurasia.

Award to honor the student who scores highest marks in the B Pharm subjects of Department of Pharmaceutical Management. The award was instituted by **Mr Shazli A Khan**, our Alumnus, in the name of his loving parents.

Josyulas Academic Excellence Award to honor a student who scores highest aggregate marks in the subjects of Biochemistry, Pharmaceutical Microbiology and Pharmaceutical Biotechnology. The award was instituted by **Dr J Venkata Rao**, former Professor of Department of Pharmaceutical Biotechnology, in memory of his parents Smt Josyula Parvata Vardhani and Sri Josyula Srirama Murthy.

GOODBYES & WELCOMES

Bid Adieu

Dr J Venkata Rao joined MCOPS in 1981 after post graduating from Andhra University, Vishakhapatnam. He began his career in the Department of Pharmaceutics, handled subjects namely Dispensing Pharmacy, Biological Pharmacy, Pharmaceutical Jurisprudence, Biological and Fermentation products for DPharm, BPharm and MPharm students. Dr J Venkata Rao joined as a lecturer and rose to the position of Professor and Head. He continued his stint with Manipal College of Pharmaceutical Sciences till 31st May 2019, three years after superannuation in 2016. He had established two departments, namely, Department of Pharmacy Management in 2000 and Department of Pharmaceutical Biotechnology in 2005. Department of Pharmacy Management with the main objective of training pharmacy students to take up managerial positions in the pharmaceutical industry and administration. Department of Pharmaceutical Biotechnology with the primary objective of creating quality manpower in the niche area of biosimilars production, research, discovery and development. During his headship from its inception in 2005 to his superannuation in 2016, the department made significant impact both in academics and research.



The research was taken up in niche areas of traditional biotechnology involving screening of various microbial habitats, from soil to marine waters, for promising isolates as well as modern biotechnology involving cancer biology, siRNA therapeutics and is continuing. The teacher of the year award (2014-15), Lifetime achievement award by the Virology society (2019), Research grant worth 81.17 lakhs from DST Nanomission and several publications in National and International peer-reviewed journals are a few significant milestones achieved in academics and research by Dr J Venkata Rao.

Farewell of PharmD 2013 Batch

Pharm.D students organized a final farewell party to their seniors, Pharm.D 2013 batch on 25th January 2019. The students of the outgoing batch and Vth PharmD students attended the program. The program started with a message from the principal, Dr. Mallikarjuna Rao to the outgoing batch. Dr. Sreenivasa Reddy, Vice principal and Dr. Mahadev Rao, HOD, Dept of pharmacy practice addressed the gathering. Faculty also shared their experience with the batch. As a small token of love, mementos were distributed to the students of the outgoing batch.

UG/PG Counselling 2019

Pharmacy UG Programme Counselling 2019 was held on June 11-12, 2019 and the PG was held on June 17, 2019. Budding Pharmacists got enrolled at MCOPS.



UP COMING EVENTS

- 15th July 2019 : DPharm, BPharm and PharmD orientation program
- 17th July 2019 : MPharm and PharmD Post Baccalaureate orientation program
- 27th July, 3rd and 10th August 2019 : Certificate Course on Generic Drug Regulaitons
- 10th August 2019 : Students council inauguration
- 19 - 31 August 2019 : AICTE sponsored Faculty Deveopment Program
- 25th September 2019 : World Pharmacists Day Celebration
- 30th September - 05 October 2019 : Sanskriti (College cultural festival)