Greetings from APTICON 2013 ------

Association of Pharmaceutical Teachers of India (APTI) is organizing its 18th Annual National Convention at Vikas Institute of Pharmaceutical Sciences, Rajahmundry, Andhra Pradesh during 25th - 27th October 2013 with theme “Enhancing the Quality of Pharmacy Education and Research to Meet Global Challenges”. The objective of the convention is to identify the global challenges / issues related to pharmacy education and research and to develop innovative and creative approaches to enhance the quality.

Though India has emerged as Global destination for knowledge based education in recent years, the pharmacy education in India is facing biggest challenge of expanding the roles and responsibilities of the teacher. The mushroom growth of institutions in recent past resulted in inadequate personnel and resources to provide quality education in publicly funded institutions and paved the way to adopt short cut methods. The prime objective of all our teachers is to represent these major issues to the authorities concerned to curtail the ill effects of increasing commercialization of Pharmacy education.

Colleges and universities are most important sites of social transformation where young students are exposed to diverse ideas and culture. In a constantly evolving environment, advances in science, technology and communication require all us to adopt vital changes that the pharmacy profession is undergoing. Institutions and universities should aim to produce expertise in Pharmacy and mastery with collaborations for research and outreach activities. The educational experience needs to extend beyond the routine focus on class room teaching and evaluation.

On behalf of LOC, we welcome all the teacher colleagues and fellow pharmacy professionals to Rajahmundry (A.P) to participate in the APTI Convention-2013.

Prof. K.P.R.Chowdary
LOC-Chairman, APTICON-2013

Dr. T.V .Narayana
Org. Secretary, APTICON-2013

Dear APTI Members,

APTI Headquarters has been changed to 620/D, 35th Cross, 2nd Block, Between ESI Hospital and RTO Office, Rajajinagar, Bangalore- 560 010. Please send your queries to our new address.
On account of World Health Day, J.K.K. Nattraja College of Pharmacy, Komarapalyam and Indian Pharmaceutical Association, Bhavani, Komarapalyam Local Branch, jointly organized a seminar on 7th April, 2013.

Dr. Sambath Kumar, Principal delivered the welcome address followed by Mrs. Malathi, (B.Sc Nursing) Asst. Prof, J.K.K. Nattraja College of Nursing and Research Institute, delivered the seminar on the topic “TB – A Contagious but completely curable disease when there is compliance on treatment” followed by seminar given by M Sudha, M.Phama 2nd year on the topic of “Healthy Life Style” Dr. Sivakumar Vice Principal proposed the vote of thanks.

All the PG students, B.Pharm, Pharm. D students and faculties attended the seminar.

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On account of Tamil New year celebrations, J.K.K. Nattraja College of Pharmacy, Komarapalyam and Indian Pharmaceutical Association, Bhavani, Komarapalyam Local Branch, jointly organized seminar cooperation, Cultural Programme on 14th April, 2013.

Dr. Sambath Kumar, Principal delivered welcome address followed by seminar competition, cultural programmes for students. All the teaching, non-teaching staff and students attended the programme.

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J.K.K. Nattraja College of Pharmacy, Komarapalyam and Indian Pharmaceutical Association, Bhavani, Komarapalyam Local Branch, and 2nd Pharm.D students jointly organized a seminar on 15th June, 2013 on the topic “Knowledge Awareness and Attitude of Pharmacy students towards the first aid”.

Krishna Ravi, Benily Beasan, Amy Elizebeth Jaibu, Teena Johay, Keziya Marry Philip, Cindy Jose, Joice Mary Jose, Maria Raju, Neha K Abrahau, Jossy P Jose from 2nd year Pharm.D gave seminar on the topic. Dr. Sambath Kumar, Principal proposed the vote of thanks.

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A National Symposium on “Advances in Pharmaceutical Analytical Techniques” along with a workshop on Gas Chromotography” was conducted in association with Indian Pharmaceutical Association Hanamkonda Branch and Drug Information, association St. Peter’s Students Chapter on Saturday July 6, 2013 at St. Peter’s Institute of Pharmaceutical Sciences, Vidyannag, Hanamkonda, Warangal. Prof. R. Nageswara Rao, Chief Scientist, Indian Institute of Chemical Technology, Hyderabad, inaugurated this symposium. On this occasion, A textbook entitled “Experimental Approaches to Biopharmaceutic and Pharmacokinetics” authored by Suresh Bundari, Vijaykumar Nagabandi, Raju Jukanti was released by Dr. R. Nageswara Rao. The Chairman, Director and guests congratulated and authors on this occasion.

Dr. Rao Vadlamudi, Director, St. Peter’s Institute of Pharmaceutical Sciences, Editor, Indian Journal of Pharmaceutical Sciences highlighted the “Importance of Analytical Methods in Pharmaceuticals”. He gave an account of involvement and importance of analytical technology in API development, formulation development and registration of pharmaceutical products to obtain regulatory approval. Prof. R. Nageswara Rao delivered a lecture on impurity profiling in active pharmaceutical ingredients with special emphasis of it in pharmaceutical products with examples. Prof. P. Nageswara Rao, National Institute of Technology, Warangal spoke on Thermal Analytical methods utilized in Pharmaceutical Analysis.

A workshop on Gas Chromotography was conducted by Mr. S.K.
Srinivas, Expert, AnalySys Sciences, Bengaluru, who demonstrated the operation of Gas Chromatography with its applications. Mr. T. Jayapal Reddy Chairman, St. Peter’s and Dr. Suresh Bandari felicitated the resource persons on this occasion. More than 100 students presented posters during this symposium and the best posters were awarded with prizes. All delegates received certificates of participation at the end of the symposium. Students from around 25 colleges across the state have participated in this symposium. The symposium ended with a great deal satisfaction and happiness by the delegates.

11th July, 2013

On account of world population day, paper bag day and silence day, J.K.K. Nattraja College of Pharmacy, Komarapalyam and Indian Pharmaceutical Association, Bhavani, Komarapalyam Local Branch jointly organised a seminar on 11th July, 2013 by 3rd year Pharm.D students on the topic “Soul of earth Spirit to Life”.

All the students from 3rd year Pharm.D had given seminar on the topics, Pharmacogenomics, organ donation, Blood Donation, Eye donation, Antibiotic resistance, Rain water harvest, Deforestation and ozone depletion, Biogas followed by a monoact given by the students.

Dr. R Sambath Kumar, principal J.K.K. Nattraja College of Pharmacy, proposed vote of thanks. All the Pharm. D students and faculties attended the seminar.

26th July, 2013

Ramanbhai Patel College of Pharmacy (RPCP), a constituent institute of Charotar University of Science and Technology (CHARUSAT), Changa, celebrated the day of entering in to 10th year on 26th July, 2013.

Dr. M.C.Gohel, Director, School of Pharmacy, Ahmedabad University, Ahmedabad was the chief guest of the function. The function also had esteemed presence of dignitaries, namely, Dr. M.C.Patel, Hon. Secretary, Kelavani Mandal and CHRF, Dr. B.G. Patel, Provost, CHARUSAT and Dr. R.H. Parikh, Principal, RPCP and Dean, Faculty of Pharmacy, Charusat.

The function began with the nostalgic memories of establishment of RPCP. The seeds of this day were sown way back in 2004. 26th July 2004 has served as an important day in history of RPCP as it was the inception of first academic session of the institute. RPCP is under the patronage of Pharma giant- Zydus Cadila ltd. Shri Pankajbhai Patel fulfilled the long cherished dream of his father, Late Shri Ramanbhai Patel, a renowed Pharmacist of India by supporting the establishment of RPCP. “The institute has grown from a seed to a tree in this tenure of 10 years”, as narrated in his speech by Dr. R.H. Parikh. The success of the institute is reflected by the quality of the education and research imparted to its students. RPCP started with approval of B.Pharm intake of 60 students and has now grown as full fledge institute with B.Pharm intake of 100 students, M.Pharm programme in 5 areas of specialization and PhD programmes. The number of publications and patents filed reflect the extensive research being carried out at the institute. The institute is well equipped with all modern equipment and state of art laboratories and resourceful library in period a of 10 years for imparting quality education and promoting research.

Dr. M.C.Gohel, in his speech, appreciated the envisionary steps under taken by the institute and university. He emphasized the young student minds to strive ahead of time and build their careers. He also stressed the importance of hard work, dedication, communication skills, passion for learning and interaction with the experienced and learned teachers for achieving success in the life. He ignited the young minds in becoming the successful entrepreneurs, citing the example of the founder, Late Shri Ramanbhai Patel. He blessed the institute for achieving big milestones in years to come.

Dr. B.G. Patel, also congratulated RPCP for its achievements in 10 years and wished good luck for the coming future. In his talk, he motivated the students for innovative thinking in research and excellence in performance.

The function ended with the determination of many more and more mile stones to be achieved in coming decade.

10th-11th August, 2013

Rajiv Gandhi Institute of Pharmacy (A Constituent Unit of AKS University) Satna (M.P.) organized 2-Day National Seminar Sponsored by M.P. Council of Science & Technology, MPCST, Bhopal & Co-
Sponsored by AKS University, Satna “Emerging Trends & Applications of Herbal Technology” on 10-11 August 2013. Around 350 participants – comprising research scholars, under graduate and post graduate students and faculty members from Pharmacy, Science, and Medical colleges participated in this program. Presidential address was given by Dr. A.K. Pandey, Chairman, MP Private Universities Regulatory Commission and the Chief Guest of the Inaugural session of the seminar was Prof. (Dr.) R.M. Mishra, Hon’ble Vice-Chancellor, APS University, Rewa. The guest of honor was Dr. Ashok Kumar, Hon’ble Vice-Chancellor, AKS University, Satna. Other guests on the dais were Shri. B.P. Soni, Hon’ble Chancellor, AKS University, Satna, Er. Anant Kumar Soni, Chairman, AKS Charitable Trust, Prof. Bhushan Deewan, Hon’ble Pro-Vice-Chancellor, AKS University, Satna, Dr. A.K.S.Rawat, Sr. Principal Scientist & Head Pharmacognosy & Ethnopharmacology Division, National Botanical Research Institute of India, Lucknow (UP), Dr. Hemant R Jadhav, Asso. Professor & Head, Department of Pharmaceutical Sciences, BITS-Pilani, Rajasthan and Dr. R.P.S. Dhakarey, Chairman (Organizing Committee) & Advisor to Vice-Chancellor, AKS University, Satna. Surya Prakash Gupta, Principal, Rajiv Gandhi Institute of Pharmacy & Convener welcome the guests & delegates. Various guests off the stage included. Our Management Team of the University, Shri Awnish Kumar Soni, Shri Ajay Kumar Soni & Shri. Amit Kumar Soni, Prof. RN Tripathi, OSD, AKS University, Dr. R.S. Nigam, Dean, Research & Development, AKSU, Dr. Shekhar Kumar Mishra, COE, AKS University, Mr. Vivek Shrivastava, Assistant Registrar (Academic), HOD members of various departments of AKS University, Speakers, Guests, Delegates, participants, faculty members. The Scientific Abstract was also released during the inaugural session of the seminar. Organizing Secretary-Dr. (Mrs) Madhu Gupta proposed the Vote of Thanks.

There were four technical sessions. The first technical session of the seminar was started with the keynote lecture of Dr. A.K.S. Rawat, Sr. Principal Scientist & Head, Pharmacognosy & Ethnopharmacology Division, National Botanical Research Institute of India, Lucknow (UP) on Importance of Quality Assurance in developing standardized scientifically validated Herbal drugs. His interactive seminar was followed by Dr. Sharad Wakode, Associate Professor, Delhi Institute of Pharmaceutical Sciences and Research, New Delhi On Herbal Drug Research and Animal House Management. Followed by Talk of Dr. Ch.V. Rao, Chief Scientist, NBRI-Lucknow. He delivered his invited talk on Medicinal Plant based IPR technologies and its validation and the last speaker of first technical session was Dr. Hemant R Jadhav, Associate Professor & Head, Department of Pharmaceutical Sciences, BITS-Pilani. He delivered his invited talk on Emerging Trends in Extraction of Herbas.

In post lunch session, lecture was delivered by Dr. S.N. Dwivedi, Professor & Head, Department of Botany, Janata PG College, Rewa On Renaissance of herbal medicine: a review. His lecture was followed by Dr. Madan Mohan Pandey, Scientist, NBRI-Lucknow, he talked on Pharmacognostical standardization and comparative study of some important drugs of Ayurveda.

Second day began with the 3rd technical session, invited talk started with Dr. Lalit Tiwari, Scientist, Pharmacopeial Laboratory for Indian Medicine, Ghaziabad, A subordinate office of the Ministry of Health & Family Welfare, (Deptt. of AYUSH), Govt. of India. He delivered his talk on Regulatory Approaches for Quality Assurance of Herbal Drugs, his talk was followed by Dr. R.L.S. Sikarwar, Scientist, Deen dayal Research Institute, Chitrakoot on Medicinal plants diversity of India: condition, identification and conservation. After his talk, Dr. Kamlesh Chaure, In-Charge, Department of Biotechnology, AKS University, Satna delivered his talk on Microbial diversity in conservation & sustainable agriculture of medicinal plants.

Post lunch session started with the talk of Dr. V.P. Singh, District Coordinator, Satna on Studies on Industrial Opportunities on the basis of Medicinal & Aromatic Plants in Satna Dist of Madhya Pradesh. Last invited talk of last technical session was of Mr. Pawan Porwal, Assistant Professor, Sriman Suresh dada Jain College of Pharmacy, Neminagar, Chandwad, Nasik on Stability issues in Herbal technology.

In valedictory function, Shri. B.P. Soni, Chancellor, AKS University, Satna delivered presidential address. Dr. (Mrs.) U.K. Chauhan, Head of Department, Environmental Biology & Biotechnology, APS University, Rewa was present as Chief Guest. Guests of Honor include Dr. Ashok Kumar, Vice-Chancellor, AKS University, Satna, Prof. Bhushan Devan Pro Vice-Chancellor, AKS University, Satna & Dr. Harshwardhan Shrivastava, Principal, Govt. PG (Auto.) College, Satna. The valedictory program ended with the vote of thanks and national anthem.

Delegates submitted their feedback and received certificates and dispersed after enjoying high tea. The program was successful by team work of all staff members under the leadership of the Principal & Convener Surya Prakash Gupta.

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16th August, 2013

Devaki Amma Memorial College of Pharmacy, Chelembra, Malappuram

DT, Kerala has organized a one day seminar for M. Pharmacy and
B.Pharmacy students on “Current Status of Drug Delivery Technologies and Future Directions” and it was delivered by Dr. R. Sambath Kumar, M.Pharm., Ph.D., Principal, J.K.K. Nataraja College of Pharmacy, Komarapalayam, Namakkal Dt., Tamilnadu. This programme was conducted on 16.08.2013 and it was inaugurated by Mr. M. Narayanan, Manager. Dr. G. Babu, Principal, welcomed the Chief Guest and Mr. P. Manikandan, Asst. Professor, Dept. of Pharmaceutics, introduced the speaker. Guest Lecture focused on objectives of the seminar with different drug delivery technological products that are being used today and what is expected in future. An interactive session was held with teacher and student participants. Around 120 participants attended the seminar. Dr. R. Nethaji, HOD, Dept. of Pharmaceutics, proposed vote of thanks.

📅 23rd - 24th August, 2013

Kalyani Charitable Trust’s, R. G. Sapkal College of Pharmacy, Anjaneri, Nashik, Maharashtra organized Two Days National Conference on “Emerging Trends in Herbal Cosmetics”. Conference was sponsored by “Journal of Topical and Cosmetic Sciences” (ISSN-0976-2981) and “University of Pune” on 23rd and 24th August, 2013. Inauguration of Conference, Abstract CD and Poster Presentation was done by Shri. Ravindra Sapkal, CMD, Sapkal Knowledge Hub and Dr. Madhav Deo Saraswat, CEO, Sapkal Knowledge Hub. Dr. R. B. Saudagar, Principal and Convener of the conference in his inaugural address emphasized that the prime objective of the conference was to impart knowledge and skills in development, manufacture, marketing and quality control of herbal cosmetics. The seminar series was conducted by resource person from regulatory departments of FDA, research industries and cosmetic industries.

The conference began with guidance on “Current Scenario In Pharmaceutical Industry” by Mr. K. K. Patil, Unit head, Glenmark Pharmaceuticals, Nashik. Further session was handed over to Dr. Rahul Phate, Proprietor, Mrunalini’s Special Herbs, Nashik. He focused on “Values Of Herbal Cosmetics”. Also a seminar on “Packaging of Cosmetics” was given by Mr. Sharad Chandak, Principal Scientist, Glenmark Research Centre, Nashik. Poster presentation on different research/review papers was conducted so as to enhance knowledge related to herbal cosmetics. For poster session 35 research/review papers were selected. Delegates from different Pharmacy Colleges participated in poster presentation.

On 24th August the session of conference was started with the seminar on “Quality Control of Herbal Medicines” by Prof. Dr. S. C. Pal, Department of Pharmacognosy, College of Pharmacy, Nashik. After that session was handed over to Dr. Mahendrasingh Ashawat, Principal, Rungta College of Pharmaceutical Sciences, Bhilai (C.G.), he highlighted on “Cosmetics and their Evaluation”. Mr. P. N. Katkade, Assistant Commissioner, FDA, Nashik, guided on “FDA Guidelines Related to Packaging and Storage of Cosmetics”. Also some key points related to cosmetics were highlighted by Mr. Gopal Pawar, Proprietor and Managing Director, Kirti Pharmaceuticals, Nashik. The delegates immensely benefited from the interactive session which helped them to utilize the knowledge and skill to build upon the required expertise in Herbal Cosmetics. The workshop was attended by more than 200 delegates from various Industry, Academia and Research institutes. Prof. Dr. A. B. Darekar proposed the vote of thanks.

📅 28th August, 2013

The Department of Pharmacy Practice, Faculty of Pharmacy, inaugurated the “Continuous Professional Development Program for Hospital Pharmacists of Sri Ramachandra Medical Center” on 28/8/2013. Dr. D. Chamundeewari, Principal, Faculty of Pharmacy, SRU, welcomed the gathering. The program was inaugurated by Dr. P.V. Vijaya Raghavan, Director (Academic Administration) & Dean (Education), Sri Ramachandra University. Dr. T.K. Parthasarathy, Professor of Eminence & Chief Advisor, SRU, released the Course module and delivered the Presidential address. Dr. K.V. Somasundaram, Dean of Faculties, SRU
delivered the special address. Dr. G. Kannan, Professor, Department of Pharmacy Practice, Faculty of Pharmacy presented the Preface of the Program. Dr. Donald F. Downing, Clinical Professor, School of Pharmacy, University of Washington, Seattle, the visiting faculty of the Department of Pharmacy Practice, Faculty of Pharmacy, SRU was the speaker of the day and he delivered a lecture on the topic "Roles and Responsibilities of Hospital Pharmacists". Ms. K. Kousalya, Lecturer, Department of Pharmacy Practice, Faculty of Pharmacy, SRU, delivered the vote of thanks. Twenty five hospital pharmacists of SRMC, 5 Pharm D students from University of Washington, and the Pharm D students of Faculty of Pharmacy participated.

28th August, 2013

Blood donation camp was arranged by the Indian Pharmaceutical Association, Bhavani-Komarapalyam, Best Arima Sangam, Komarapalyam and Maruthi Blood Bank, Salem at J.K.K. Nattraja Dental College Hospital, Komarapalyam on 28th August, 2013.

A Massive response from the students of the institute who came forward to donate the blood. Around 104 units of blood was collected. The students of the J.K.K Nattraja College of Pharmacy enthusiastically co-operated and helped the blood bank people in conducting the camp. The success of the camp can be attributed to the tireless efforts of the students from J.K.K Nattaraja Educational Institutions in promoting and enlightening the fellow students on the importance of blood donations as a life saving methodology to the needy and downtrodden people.

Blood could not be donated by many volunteering students, as guidelines towards the donation of blood like age, and/or weight limits, were strictly observed.

Mr. S. Ommsarrvana, Director, J.K.K. Nattraja Group of Institutions, Dr. R. Sambath Kumar, Principal J.K.K Nattaraja College of Pharmacy, encouraged and guided all the students. Moreover teaching and non-teaching staffs of the institute had also participated in the camp.

28th August, 2013

On account of Rajiv Gandhi’s 69th Birthday, J.K.K. Nattraja College of Pharmacy, Komarapalyam and Indian Pharmaceutical Association, Bhavani,

Komarapalyam Local Branch, Jointly organized seminar on 28th August, 2013 by students on the topic "Sabhavana Diwas". All the students had given seminar on the topic " Communal Harmony, Peace, National Integrity, Love and Affection among people".

Dr. R. Sambath Kumar, Principal, J.K.K Nattraja College of Pharmacy, Komarapalyam, proposed vote of thanks. All the students and Faculties were attended the seminar.

Department of Pharmacy Practice, Chalapathi Institute of Pharmaceutical Sciences Lam, Guntur organized a two day continued education on Infectious diseases “PACE-2013: Pharmacists role in infection control and continued education”.

This colloquium aimed to create a new insight on emerging issues in the management and prevention of infectious diseases.

About 200 delegates from various colleges of South India actively participated.

This Continued education programme was supported by Association of Physicians of India (API), Indian Academy of Pediatrics (IAP), Association of Surgeons of India (ASI) and Federation of Obstetrics & Gynecology Society of India (FOGSI).

30th August, 2013

Mother Theresa Post Graduate and Research Institute of Health Sciences, A Govt. of Puducherry Institution, Department of Pharmaceutical Chemistry organized Indian Council of Medical Research sponsored one
day National Seminar on Emerging Trends in Drug Discovery. Prof. Dr. K. Girija, Organizing Secretary, ETDD-2013 welcomed the august gathering. The Chief Guest Dr. K. V. Raman, Director, Health and Family Welfare Services, Govt. of Puducherry inaugurated the function by lighting the lamp and also delivered the chief guest address. The programme was presided over by Dr. R. Murali, Dean, MTPG & RIHS, Puducherry and felicitated by Dr. V. Gopal, Principal, College of Pharmacy, MTPG & RIHS. Mrs. K. Hemalatha, Assistant Professor delivered vote of thanks. The eminent speakers from the field of research in Drug Discovery working in highly reputed Universities, Central and State government organizations and Pharma Industry were invited as Resource Persons for the Seminar. A Total of 419 Delegates from different parts of country belonging to Pharmacy Colleges, Medical College, other Paramedical Courses, Pharma Industry, Arts and Science colleges, Pondicherry University, PG Research Centre, Government Research Organizations, Government Hospitals and Heart Foundation and Research Hospital, Chennai.

The Valedictory function started at 5.00 P.M. Ms. S. Indumathy, Demonstrator, MTPG & RIHS welcomed the gathering. Dr. H. Ranganath, Director, St. Joseph of Cluny Hospital, Puducherry, the Chief Guest of Valedictory function delivered a chief guest address and emphasized on importance of drug discovery. Dr. R. Murali, Dean, MTPG & RIHS, and Dr. V. Gopal, Principal, College of Pharmacy graced the occasion. Prof. Dr. K. Girija, Organizing Secretary delivered Vote of Thanks.

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4th September, 2013

On the occasion of Golden Jubilee year of Bharati Vidyapeeth, B.V'S Institute of Pharmacy, Erandwane, Pune organised one day registration camp of Maharashtra State Pharmacy Council, Mumbai on 4th September, 2013.

It was inaugurated by Mr. Anil Belkar, Treasurer, MSCDA, Western Zone & Mr. Vijay Changedia, Secretary, MSCDA, Pune District. It was presided by Dr. Mahadik K.R., Principal, B.V'S Poona College of Pharmacy, Pune. Other guests, Mr. Suresh Bafna, Mr. Sawla., Senior vice-president of MSCDA, Dr. Pawar AP, Vice-Principal, Mrs. Varsha Pokharkar., Vice-Principal, Mr. Jadhav R.R., Treasurer, MSPC, Mumbai & Mr. Redkar were also present for this inaugural function. The guests were felicitated by Principal Dr. Kadam H.M. & Vice-Principal Mr. P.A. Jadhav.

In this one day registration camp most of the Diploma & Degree pharmacy holders from all over Maharashtra participated enthusiastically. Mrs. Sayali Masal., Registrar, MSPC, Mumbai & Mr. Vivek Choudhary, Deputy-registrar, MSPC, Mumbai appreciated Principal, Dr. Kadam H.M. for successful organisation & overwhelming response of this camp.

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5th September, 2013

A seminar on “Strategies to Combat Diseases Threatening the Nation’s Health” was organized on September 5th, 2013 by Trinity Trust, Gupta College of Technological Sciences, Asansol, West Bengal. This was the first seminar organized jointly with the Association of Pharmaceutical Teachers of India, Bengal branch after the new committee was formed. In fact after the formation of the central executive committee, this is the first seminar with the approach on dissemination of knowledge by APTI and Gupta College of Technological Sciences, West Bengal.

The day-long program was very attractive with speakers from different sectors, including doctors, academicians an industrial personnel and there was a poster presentation of the research activities initiated by the students from various colleges in West Bengal. Most of pharmacy colleges in West Bengal, their principals, faculties and students attended this seminar. Students from different pharmacy colleges across the state participated in poster presentation competition as well. Dr. Anuradha Mukherjee, Hon’ble Vice-Chancellor, Kazi Nazrul University, West Bengal, inaugurated the seminar and shared her valuable views. Welcome note was delivered by Prof. Debesh Chandra Mazumder, Chairman, Trinity Trust, Asansol. He emphasized on the significance of seminar as it forms an integral part of education. A Physical Chemistry book written by Dr. Jyotirmoy Lahiri, Registrar, Gupta College of Technological.
Sciences, Asansol was released in this event. Dr. Pulok Kumar Mukherjee, President of APTI, Bengal Branch and Director, School of Natural Product Studies, Jadavpur University, Kolkata highlighted on the role of traditional medicines in health care. He told about the role of APTI in promotion and development of pharmacy education in India.

Several eminent speakers highlighted on different aspects of development of health care. Dr. Santanu Tripathi, Professor, Department of Clinical and Experimental Pharmacology, School of Tropical Medicine, Kolkata delivered a plenary lecture on the pitfalls of health care system and the major initiatives to be taken in spreading the awareness across the globe to fight strongly against life threatening diseases. Dr. Malay Kumar Saha, Scientist-D, Clinical Laboratory, National Institute of Cholera and Enteric Diseases (NICED), Kolkata highlighted on the development of vaccines to combat the potentially fatal diseases. Dr. Tanmoy Bera, Head, Dept of Pharmaceutical Technology, Jadavpur University chaired the session.

A special discussion session highlighting different activities of APTI was organized. Dr Pulok K. Mukherjee, President, Dr Sanmoy Karmakar Secretary, Dr Soumen Pradhan Treasurer and Dr Kalyan Sen, Advisory board member of APTI Bengal Branch were present in the discussion. It highlighted on the role of APTI in uplifting the stature of pharmacy teachers in India. Finally, Dr. Kalyan Kumar Sen, the Principal, Gupta College of Technological sciences, Asansol summed up the whole event along with the necessity of spreading the awareness about the activities and responsibilities of APTI.

Teachers’s day was celebrated by the students of G. Pulla Reddy College of Pharmacy, Hyderabad on 5th September 2013. There was a warm welcome by the students to all teachers. The event started with lighting lamp by all the Professors, followed by prayer song. Preethi and Vijayalakshmi of B. Pharmacy final year played a documentary on Dr. Sarvepalli Radhakrishnan and told the importance of teacher. Dr. Sama Venkatesh addressed the gathering and congratulated the students for organizing the event. He explained the importance of quality education and told the students to be prepared to face any type of challenges in the life. All the teachers also shared their experiences and congratulated the students. Students organized many events for teachers and enjoyed it. Students also played a skit which was so entertaining to all. Finally as a token of respect, students presented mementos to all teaching and non teaching staff. The event was organized by B. Pharm final year students.

K. L. E. University’s College of Pharmacy, Belgaum conducted a Quality Improvement Programme on “Insights of Innovative Technology and its Applications in Pharmaceuticals” from 18th to 28th Sept. 2013. This programme was sponsored by A.I.C.T.E New Delhi. This programme was attended by more than 30 delegates coming from various states like Karnataka, Andhra Pradesh, Tamilnadu, Maharashtra and Goa. This programme was basically aimed at orienting pharmacy teachers in emerging areas of Pharmaceutical industry, technology and regulatory affairs. Such programmes provide an opportunity for pharmacy professionals to improve and update their academic, technical and professional skills relevant to the needs of new millennium.

K.L.E. University’s College of Pharmacy is selected by AICTE New Delhi as one of the nodal center in Karnataka to conduct such programmes. Dr. P. M. Dandaqi, Program Convener gave the welcome address and introduced the Chief Guest. The Chief Guest, Dr. A.S Godhi, Principal and Dean Faculty of Medicine inaugurated the QIP programme by lighting the lamp. Dr. A.D Taranalli, Principal, Dean Faculty of Pharmacy and Chief Co-ordinator of QIP, K.L.E University College of Pharmacy, Belgaum highlighted the importance. Dr. Anand P. Gadad, Program Coordinator proposed the vote of thanks.

BLDEA’S College of Pharmacy, Bijapur has conducted a guest lecture delivered by Mr. Ramesh Babu on “Abroad Opportunities for Pharmacists” on 19 Sep. 2013. He highlighted various opportunities available for Pharmacists in U.S, Canada & Middle East. He explained about different equivalent exams that Indian students need to take up to
work abroad. The event was coordinated by Mr. R.B. Kotnal. Principal & all the staff were present in the proceedings.

25th September, 2013

Pharmacist’s day was celebrated on 25th September 2013 at G. Pulla Reddy College of Pharmacy. On this occasion the college has honoured two eminent pharmacists in recognition of their service to the Society. The Guest Pharmacists were Mr. Y. Bheemasen Rao, Senior Pharmacist at S.P.M. Hospital Sirpur Paper Mills Ltd., Sirpur, Kaghaznagar and Mr. B. Srinivas Reddy, Head Pharma Purchase, CARE Group of Hospitals, Hyderabad. Dr. B. Madhava Reddy Principal welcomed the gathering and spoke on the increasing importance of the Pharmacist beyond the dispensing of medicines in the present scenario. Later the Guest Pharmacists were felicitated with a Shawl and memento. The Guest of Honour Dr. Janardhan Reddy, Professor Osmania University (retd.) in his speech appreciated the efforts of the Pharmacists. Mr. Srinivas Reddy spoke on the role of Pharmacist in Health care scenario in India. He has advised the students to be aware of new software applications available for the pharmacist. Some of the faculty members as well as students shared their views on the occasion. The programme was attended by all the teaching, non teaching staff and students of the college.

25th September, 2013

Nalanda College of Pharmacy, Nalgonda, Andhra Pradesh celebrated the “World Pharmacist Day” on 25th September 2013 with a lot of joy & enthusiasm. Various Pharmacy awareness programme were organized on this occasion in the college and outside. The Chief Guest, Mr. Raghupati, Proprietor of Raghu Medicals, Prakasham Bazar, emphasized on the role of pharmacist in public health. Prof. David Banji spoke on the various quality measures to be undertaken on priority basis to uphold the dignity and status of the profession of Pharmacy in the society and stressed on practicing the professionalism. Prof. K.N.V Rao presented the scenario of advancement of Pharmacy in India. Prof. Otilia Banji highlighted about the ethics to be followed while practicing the Profession of Pharmacy. Dr. Arkendu Chatterjee spoke on the pharmacy career in current scenario, and also, introduced a new online journal “Journal of Drug Sciences” (www.journalofdrugsciences.com ISSN NO: 2321 – 838X) devoted to the promotion of pharmaceutical sciences, which allows free and unlimited access to abstract and full-text. Dr. M. Alagar Raja, Dr. Prince Francis, Mr. Rajesh J., Mr. Sikanth, Mr. Somashubra Ghosh, Mr. S. Jena, and Mr. Mithilesh shared some interesting information about the pharmacy profession. The students also participated in different activities such as skit, drama, debate, and singing related to Pharmacy profession with great zeal.

25th September 2013

Sinhgad Technical Education Society’s Smt. Kashibai Navale College of Pharmacy (SKNCOCP), Kondhwa, Pune celebrated the “World Pharmacist’s Day” on 25th September 2013. Pharmacists represent the 3rd largest healthcare professional group in the world and in India today there are around 10 lakh registered pharmacists working in various positions, applying their unique knowledge and skills, contributing to the health of the nation. Since many pharmacists work silently behind the
scenes, there arises the need to recognize and reward their substantial contribution to the society. On this occasion the students and staff of SKNCOP distributed around 700 “Thank You” cards to various Retail Pharmacists in Pune and also wished them Happy Pharmacist Day. 500 “I am Pharmacist Stickers” were also distributed on this occasion to be pasted on their vehicles. Prof. S. N. Navale, Vice President Sinhgad Technical Education Society, presided over the formal function organized at SKNCOP. Dr. S. D. Sawant, Principal, SKNCOP emphasized the need for Community Pharmacist role to be enhanced in the society in the current scenario wherein multi drug resistance is such a huge challenge to the health care professionals. Three eminent Pharmacists, Dr. Atmaram Pawar, Mr. Shyam Bothikar & Mr. Vijay Changediya were felicitated for their contribution in their respective fields. Dr. Pawar was also honored with “Certificate of Appreciation” for his singular perseverance, professional competence in support & growth of the Pharmacy Profession. The speakers shared their experiences with the students and highlighted the need for developing right attitude along with knowledge and skills for developing the professional competence and contributing towards the health care of the nation. The function was attended by all staff and students of SKNCOP.

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25th September, 2013

Krupanidhi College of Pharmacy, Bangalore Celebrated The World Pharmacist Day was well attended by the entire college of Pharmacy. Prof. Suresh Nagpal, Chairman Krupanidhi Educational Trust inaugurated the grand event by Lighting the auspicious lamp. He spoke about the bright future of the Pharmacist Worldwide. Dr. R.S Thakur administered the Pharmacist Oath to all present. Prof. Prakash Mallaya had inspiring video show and discussion to mark the great day.

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2nd October, 2013

To mark the Gandhi Jayanti Ethnic Day was Celebrated at Krupanidhi College of Pharmacy, Bangalore in a big way. Krupanidhi College of Pharmacy which has many foreign nationals and students from all over India saw both staff and students dressed in Ethnic wear. People paid rich tributes to the father of the nation.

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Association of Pharmaceutical Teachers of India (APTI), founded in the year 1966 by the Father of Pharmacy in India, Prof. M.L Schroff and Prof. G.P Shrivastava is working for welfare of the teachers of Pharmacy involved in academic and research activities. Recently election was held and Dr. Mahesh D Burande from Pune was elected as its President and Dr. B.P. Nagori, from Jodhpur and Dr. R.S. Bhamber from Nashik were elected as its vice-presidents at the national level. In Rajasthan State APTI elections Dr. Indrajit Singhvi from Pacific Institute of Pharmacy was elected unopposed as president and Dr. Rajesh Asija from Maharshi Arvind College of Pharmacy, Jaipur and Dr. Rajesh Yadav, Deputy Registrar, RUHS both were elected as vice-presidents capturing more than 90% votes. Dr. Kamal Singh Rathore and Dr. Ashok Dashora have been nominated as Secretary and Treasurer respectively.

Dr. Mahendra Singh Ranawat, former unopposed vice president, APTI, former secretary, APTI, Executive member of the national APTI since 2003 and presently Principal of Bhupal Nobles’ College of Pharmacy, Udaipur conveyed that the felicitation ceremony for the newly elected and nominated members was held at Kumbha Sabhagar, Bhupal Nobles’ Sansthhan, Udaipur. He welcomed the guests, congratulated the newly elected and nominated members and emphasized on strengthening the state and central branches, adopting various activities and raising the funds.

On this occasion various principals also bestowed with their presence. Some of the dignitaries were: Dr. C.P. Jain, Prof and Head, Dept of Pharmacy, MLS University, Udaipur, Dr. P.K. Chaudhury Prof, MLSU,
Dr. Jaibalan, Principal, Alwar College of Pharmacy, Dr. DS Rathore: Principal, Rajasthan Pharmacy College, Jaipur, Dr. Raghvendra Singh Badauriya, Principal, Shrinath Institute of Pharmacy, Nathdwara, Sh Pankaj Khatri, Principal, Abu College of Pharmacy, Dr. Vikram Sharma, Principal, Balaji College of Pharmacy, Jaipur etc.

Dr. B.P Nagoori thanked all the state branch members for their valuable vote and support in his favour. He also gave winning formula for success in life by various illustrative examples of commitment, confidence and connectivity. He assured of extension of full support for strengthening the state branches.

Dr. Indrajeet Singhvi told that his priority will be to make the APTI more active and announced the first RAJ-APTICON-2014 to be held at Alwar in Feb. 2014. He made an appeal to the mass gathering to put special efforts to accelerate the number of members of the APTI in Rajasthan. Dr. Rajesh Asija and Dr. Rajesh Yadav deliberated to make a move for pharma fraternity and raise the funds for noble cause like research, travel and for securities of the members. Dr. KS Rathore announced for some activities for the Rajasthan APTI members like e-journal, website dedicated to fraternity along with games and literary activities at least once in a year at different places of Rajasthan.

Speeches was delivered by all the principals present on this occasion for august gathering and uparna was presented by Dr. RS Badouriya, Principal SIP, Nathdwara. Dr. Chetan Singh Chauhan, Principal, BN Institute of Pharmaceutical Sciences, Udaipur gave vote of thanks and program was anchored by Dr. YS Sarangdevot, Prof and head, Dept of Pharmacognosy, B.N. College of Pharmacy and Dr. JS Vaghela, Asso. Professor, Dept of Pharmacology, B.N. College of Pharmacy, Udaipur.

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Mrs. Rajashree Sunil Chavan, Associate Professor, Department of Pharmaceutical Chemistry, PDEA’s Seth Govind Raghunath Sable College of Pharmacy, Saswad, Pune has been awarded the degree of Doctor of Philosophy (Ph. D) by Shivaji University, Kolhapur for her research work entitled ‘Design, Synthesis, Biological Evaluation and QSAR Study of Novel Indole Derivatives as Selective COX-2 Inhibitors’. The research work was carried out under the guidance of Dr. H. N. More, Principal, Bharati Vidyapeeth College of Pharmacy, Kolhapur. She has 13 years of teaching experience and published 12 research papers in various National and International journals. She has authored one book entitled ‘Practical Medicinal Chemistry’. She has guided 08 M. Pharm students. She is a life member of APTI. She acknowledges the Management, Principal and all the staff members for their support and co-operation during the course of research work.

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ACHIEVEMENTS

Prof. Chennupati V. Suresh, is currently working as Principal in Mother Teresa Pharmacy College, Sathupally, Khammam District, Andhra Pradesh. For the past 12 years, he has been actively involved in Pharmaceutical Education in the areas of teaching, research, and educational administration.

He had laid extensive efforts on maintaining higher standards of education as a model teacher with exemplary services. He is an Executive Editor of International Reviewed research journal named ‘Journal of Applicable Chemistry’. He is also author of Pharmaceutical inorganic Chemistry Text book published by Pharmamed Press. In this context he was awarded for his dedication and contribution towards growth of higher education in our country.

National Seminar on “individual Achievements for Economic and Social Development” was organised by “Global Society for Health & Educational Growth” at Constitution Club of India, New Delhi on 30th Sep 2013. The seminar was chaired by Dr. G.V.G. Krishna Murthy, Former Election Commissioner of India. H.E. Bhishma Narain Singh, Ex-Governor of Assam & Tamil Nadu, Sardar Joginder Singh, Former CBI Director and Anees Durrani, Secretary AICC, bestowed this award upon Prof. Suresh.

In this seminar from all over the country 100 participants were awarded for their individual achievements and their contribution towards the growth of country. Speakers lauded the teachers, Doctors, Professors, Businessman’s and other for their selfless services in educational and other development which in turn resulted in development of the nation.

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Ph.D AWARDEES

Mrs. Rajasree Sunil Chavan, Associate Professor, Department of Pharmaceutical Chemistry, PDEA’s Seth Govind Raghunath Sable College of Pharmacy, Saswad, Pune has been awarded the degree of Doctor of Philosophy (Ph. D) by Shivaji University, Kolhapur for her research work entitled ‘Design, Synthesis, Biological Evaluation and QSAR Study of Novel Indole Derivatives as Selective COX-2 Inhibitors’. The research work was carried out under the guidance of Dr. H. N. More, Principal, Bharati Vidyapeeth College of Pharmacy, Kolhapur. She has 13 years of teaching experience and published 12 research papers in various National and International journals. She has authored one book entitled ‘Practical Medicinal Chemistry’. She has guided 08 M. Pharm students. She is a life member of APTI. She acknowledges the Management, Principal and all the staff members for their support and co-operation during the course of research work.

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Dr. Narendra Kumar Nyola, working as Asst. Professor, at Alwar Pharmacy College, Alwar, Rajasthan, was awarded the degree of Doctor of Philosophy (Ph.D) by Shridhar University, Pilani, Rajasthan, under the faculty of Pharmacy on 01 Sep 2013 for research entitled, “Analytical Method Development and Validation by UV Spectrophotometry and RP-HPLC for Selected Drugs and their Formulations”. The research work was carried out at Alwar Pharmacy College, Alwar, under the guidance of Dr. G. Jeyabalan, Principal Alwar Pharmacy College, Alwar.

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Mr. Uma Shankar Sharma, Director, Sir Madanlal Group of Institutions (SMGI), Etawah, Uttar Pradesh has been awarded the degree of Doctor of Philosophy (Ph. D.) in Pharmaceutical Sciences by Jodhpur National University, Jodhpur, Rajasthan on the topic entitled “Phyto-pharmacological evaluation of Rubus ellipticus for their antidiabetic and nephroprotective potentials”. He has conducted his research work under the guidance of Dr. Arun Kumar, Head Department of Pharmacy, BPS Womens University, Khanpur Kalan, Sonipat, Harayana.

He has almost 10 years of teaching and research experience. He has published 25 research and 4 review articles in various national/international journals of repute. He has also presented various research papers in national/international conference, seminars, symposia and workshops and won awards.

He has received grants from Indian Council of Medical Research (ICMR), New Delhi and Department of Science and Technology (DST), Govt of India, New Delhi to conduct conference and INSPIRE programme. He is on editorial board and reviewer of various national/international journals. He is a life and fellow member of various professional bodies like IPS, APTI, IRCs, FRHS, FICC and a Registered Pharmacist in Uttar Pradesh State Pharmacy Council.

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Mr. Prasobh G R, Associate Professor, Department of Pharmaceutics, Moulana College of Pharmacy, Malappuram, Kerala has been awarded the degree of Doctor of Philosophy (Ph.D) in Pharmacy by Karpagam University, Coimbatore, Tamil Nadu, for the thesis entitled: “A study on the use of Musa species in the management of renal calculi” the research work was carried out under the guidance of Prof. Dr. K.G. Revikumar, Director, Al Shifa College of Pharmacy, Malappuram, Kerala.

He has 10 years of teaching and research experience in his field, under graduation and post graduation from The Tamil Nadu Dr. M.G.R. Medical University, Chennai, Tamil Nadu. He has published 11 scientific research and review papers in reputed National and International journals and presented many research reports and abstracts at National and International Scientific Conferences in the area of Pharmaceutics. He is a life member of Association of Pharmaceutical Teachers of India (APTI) and registered with Kerala State Pharmacy Council. He is also a referee of many National and International journals.

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Mr. Alpesh D. Patel, Asst. Prof., Shri B. M. Shah College of Pharmaceutical Education and Research, Modasa has been awarded the degree of Doctor of Philosophy by Hemchandracharya North Gujarat University, Patan, for the thesis entitled “Design and Development of Oral Osmotic Drug Delivery System”. The research work was carried out under the valuable guidance of Prof. Dr. N. M. Patel, Principal, Shri B. M. Shah College of Pharmaceutical Education and Research, Modasa, Gujarat.

Dr. Alpesh has more than 4 years of teaching and research experience. He has published more than 12 research papers in National and International journals of repute and applied for one patent India. He had received the grant of sum of Rs 7 lacks form AICTE for research project scheme. He is a life member of APTI.

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Mr. Nitendra K. Sahu, Assistant Professor, School of Pharmacy, ITM University, Gwalior (M.P.) has been awarded degree of Doctor of Philosophy (Ph.D) in Pharmaceutical Sciences by Dr. Hari Singh Gour University (A Central University), Sagar (Madhya Pradesh) for his thesis entitled “Design and Synthesis of Chalcone and Quinolamine Derivatives as Antimalarial Agents”. He carried out his research under the guidance of Dr. D.V. Kohli, Professor, Department of Pharmaceutical Sciences, Dr. H.S. Gour University, Sagar (M.P.). He has received...
financial support from CSIR, New Delhi during his research work.

He has more than 7 years of teaching and research experience. He has one book and 25 international publications in journals of repute to his credit. He also presented several oral presentations and posters in various National and International conferences. He presented a laptop poster in the 1st International Symposium on Computational Sciences (ISCSCI-2011), held at Shanghai, China during April 2011 which was financially supported by Department of Science and Technology (DST), New Delhi. He has received VLFe best publication award in 2012.

He is serving as Editorial Board Member for Computational Biology and Bioinformatics and Reviewer for many National and International Journals. He is a life member of APTI and Registered with Madhya Pradesh State Pharmacy Council.

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Mr. Chennupati Venkata Suresh working as Professor & Principal, Mother Teresa Pharmacy College, Sathupally, Khammam District, Andhra Pradesh has been awarded the degree of Doctor of Philosophy (PhD) by Acharya Nagarjuna University on 28th February 2013 for the research work entitled "Development and Validation of Spectrophotometric and RP-HPLC methods for the quantitative analysis of selected drugs in pure and pharmaceutical dosage forms". The research work was carried out under the guidance of Dr. G. Vidya Sagar, Professor & Principal, Veerayatan Pharmacy College, Gujarat.

Dr. Chennupati Venkata Suresh has 12 years of teaching and research experience. He has attended various National seminars and AICTE sponsored programmes. He is executive committee member of APTI-AP State Branch, life member of IPA, IHPCA, APP, ABAP, ICC and Associate of Institution of Chemists. He is also serving as Executive Editor of an Online Journal “Journal of Applicable Chemistry” and Author of “Pharmaceutical Inorganic Chemistry” text book published by Pharmamed Press.

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Mr. Sujith S Nair, Vice Principal, Crescent College of Pharmaceutical Sciences, Payangadi R.S., Kannur, Kerala, has been awarded the degree of Doctor of Philosophy (Ph. D) by Vinayaka Missions University, Salem, Tamilnadu for his thesis entitled ‘Formulation and Evaluation of Cosmetics containing Anti-oxidant Rich Herbal Extracts’. The research work was carried out under the guidance of Dr. (Sr.) Molly Mathew, Principal and Professor, Malik Deenar College of Pharmacy, Kasargod, Kerala. He has 10 years of teaching experience. He is a life member of APTI and former treasurer of APTI Kerala State Branch. He has published 12 research papers in various National and International journals and presented his work in various conferences. He has also attended various National and International seminars.

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Dr. V. Vinoth Prabhu, Associate Professor, Department of Pharmacology, K.M. College of Pharmacy, Madurai, Tamil Nadu, has been awarded the degree of Doctor of Philosophy (Ph.D) in Pharmacy (Pharmacology) by PRIST University, Thanjavur, Tamil Nadu, on May 2013 for his thesis entitled “Evaluation of Cardioprotective and Angiogenesis activity of Selected Plants against Experimental Models of Myocardial Infarction”. The research work was carried out under the guidance of eminent Prof. Dr. V. Gopal, Principal, College of Pharmacy, Registrar-Academic, Mother Theresa Post Graduate and Research Institute of Health Sciences, Puducherry.

Dr. V. Vinoth Prabhu completed his under graduation and post graduation from The Tamil Nadu Dr. M.G.R. Medical University, Chennai. He has 6 years of teaching and 5 years of research experience. He has published 12 research papers in various National and International Journals of repute, and presented more than 25 research papers in various National and International Conferences and Seminars. He has guided more than 14 M.Pharm students. He is an Invited editor and Expert reviewer for some International Journals to his credit. He is a Life Member of APTI, IPS and registered with Tamil Nadu State Pharmacy Council.

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Dr. Sandeep Balvant Patil, Asst. Prof. Department of Pharmacology, Appasheeb Birnale College of Pharmacy, Sangli, (M.S.) has been awarded the Degree of Doctor of Philosophy in Pharmacy by Shivaji University, Kolhapur, for his thesis entitled “Evolution of Anticancer and Anti-HIV activity of some medicinal plants belonging to Euphorbiaceae.” The research work was carried out under the valuable guidance of Prof. Dr. Chandrakant S. Magdum, Principal, Rajarambapu College of Pharmacy, Kasegaon, Sangli, Maharashtra.
He has over 7.5 years of experience in teaching and research work. He published 53 research papers in various journals. He also presented many papers in national and international level conferences. He is associated with various bodies APTI, IPS as life member and Registered with Maharashtra State Pharmacy Council, Mumbai and also a referee for many international and national journals. Dr. Patil has guided 08 students for their M. Pharm Dissertation.

Dr. Patil presented his research work of Ph.D at Bangkok and Colombo during 2008, 2012 which was financially supported by Shivaji University, Kolhapur.

He acknowledges Management, Principal, Vice Principal, HOD and Dr. A. K. Balapure, Head TCCU, CDRI, Lucknow, all the staff members for their help, encouragement and co-operation during the course of research work.

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Dr. T. Purushoth Prabhu, Assistant Professor, Dept of Pharmacognosy, C.L. Baid Metha College of Pharmacy, Chennai, has completed his Ph.D entitled “Phytochemical and biological evaluation of Indian Medicinal Plant for the treatment of Rheumatism and Cancer” under the guidance of Dr. P. Panneerselvam, Professor, Dept of Pharmaceutical Chemistry, C.L. Baid Metha College of Pharmacy in the Tamilnadu DR MGR Medical University, Chennai on Sep 30th 2013. He takes this opportunity to thank Dr. Shantha Arcot, Professor, Ex-JDME in TNME and Retd Professor in MMC, presently working in C.L. Baid Metha College of Pharmacy and Prof Jayaraman Retd., Madras University, presently director, PARC, Chennai for their kind support and guidance. He is Life member of APTI (TN/LM-541) and Tamilnadu Pharmacy Council. He has experience in teaching 6 1/2 years and industry 1 year. He has completed M.Pharm (Pharmacognosy) for Madras Medical College. He was attended 23 national and international seminars and conferences and presented 3 Oral and 5 Posters. He has published 10 International and 14 National Publications.

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Dr. Mahesh B. Palkar, is working as Associate Professor in the Department of Pharmaceutical Chemistry, K. L. E. University College of Pharmacy, Hubli (India), has received Post-Doctoral Research Fellowship (PDRF) for one year funded by the University of Kwazulu-Natal (UKZN), Durban, South-Africa. Presently, he has commenced his research work at the Department of Pharmaceutical Chemistry, College of Health Sciences, UKZN from 27th August 2013.

Dr. Palkar, successfully completed his Bachelor of Pharmacy (B. Pharm). from Karnataka University, Dharwad with 2nd Rank to University. He further pursued his postgraduate studies in Pharmaceutical Chemistry (M. Pharm.) from Manipal College of Pharmaceutical Sciences, Manipal and secured 5th Rank to Rajiv Gandhi University of Health Sciences (RGUHS), Karnataka, Bangalore. In 2011 he was awarded his Doctorate degree (Ph.D.) in Pharmaceutical Chemistry from RGUHS, Karnataka. He has published and presented over 30 research papers in peer reviewed national/international journals and conferences/symposia/workshops. He has worked as Principal Co-investigator on research promotion scheme (RPS) project “Design, synthesis and Evaluation of in-vitro enzyme inhibition assay of novel Scoparia dulcis Linn.” under the guidance of Dr. Rajani Kanta Behera, Former Professor, School of Chemistry, Sambalpur University, Jyoti Vihar, Burla, Sambalpur, Odisha and the co- guidance of Dr. S. Jha, Professor, Department of Pharmaceutical Sciences, Birla Institute of Technology, Mesra, Ranchi, Jharkhand. He has experience of four years in industry and 15 years of academics. He has 15 national and 5 international publications in journals of repute to his credit. He also presented several oral presentations and posters in various National and International conferences. Mr. Mishra is native of Shanti para, Rajendra College, Balangir, Odisha and registered with Odisha State Pharmacy Council and is a Life Member of APTI. He gave credit of his success to the blessings of parents, wife’s support, teacher’s supervision and moral support from his friends. He is thankful to Sri Rajiv Lochan Hota, Chairman, GB, The Pharmaceutical College, barpali, Odisha, President, MC of The Pharmaceutical College, Barpali, Odisha, Prof. Ashok Kumar Satpathy, Director, MC, Gayatri College of Pharmacy, Sambalpur, Odisha, Sri Sibnarayan Satpathy, Secretary, MC, Gayatri College of Pharmacy, Sambalpur, Odisha and all teaching and nonteaching staff of Gayatri College of Pharmacy, Sambalpur, Odisha.

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Mr. Manas Ranjan Mishra has been awarded degree of Doctor of Philosophy in Pharmacy by Sambalpur University, Bhubaneswar, Odisha for research work entitled “Phyto-Pharmacological Screening of Scoparia dulcis Linn.” under the guidance of Dr. Rajani Kanta Behera, Former Professor, School of Chemistry, Sambalpur University, Jyoti Vihar, Burla, Sambalpur, Odisha and the co- guidance of Dr. S. Jha, Professor, Department of Pharmaceutical Sciences, Birla Institute of Technology, Mesra, Ranchi, Jharkhand. He has experience of four years in industry and 15 years of academics. He has 15 national and 5 international publications in journals of repute to his credit. He also presented several oral presentations and posters in various National and International conferences. Mr. Mishra is native of Shanti para, Rajendra College, Balangir, Odisha and registered with Odisha State Pharmacy Council and is a Life Member of APTI. He gave credit of his success to the blessings of parents, wife’s support, teacher’s supervision and moral support from his friends. He is thankful to Sri Rajiv Lochan Hota, Chairman, GB, The Pharmaceutical College, barpali, Odisha, President, MC of The Pharmaceutical College, Barpali, Odisha, Prof. Ashok Kumar Satpathy, Director, MC, Gayatri College of Pharmacy, Sambalpur, Odisha, Sri Sibnarayan Satpathy, Secretary, MC, Gayatri College of Pharmacy, Sambalpur, Odisha and all teaching and nonteaching staff of Gayatri College of Pharmacy, Sambalpur, Odisha.

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anti-tubercular agents” sponsored by AICTE, New Delhi. He was a recipient of travel grant to present a paper at EURO-QSAR 2004, held at Istanbul (Turkey) in September 2004. He is a life member of APTI and also a registered pharmacist at Karnataka State Pharmacy Council. He has delivered several guest lectures at several workshops and seminars conducted during faculty development programs across the country.

Prof. Dr. Dhrubo Jyoti Sen of Shri Sarvajanik Pharmacy College, Mehsana, Gujarat has participated in PERD Organized two days Workshop on Impurity Profiling and its applications held at Shri B. V. Patel Education Trust & B. V. Patel Pharmaceutical Education & Research Development (PERD) Centre, Ahmedabad, Gujarat on 21-22 September 2013 and National Seminar on Green Chemistry, Organized by Institute of Research and Development, Gujarat Forensic Science University in association with Gujarat Environment Management Institute, Gandhinagar, Gujarat on 23-24 September 2013. This event has been hosted at Cambay Grand, Ahmedabad and one of his M.Pharm. (Sem-III) student Nadim M. R. Chipa has presented a poster Synthesis of N-substituted piperazine derivatives by higher greener solvents and comparison of reaction rate by kinetic study. This work has been done by his PG student Viraj P. Jatakiya in his M.Pharm. project (Synthesis of N-substituted piperazine derivatives by higher greener solvents and it's antimalarial activity) in Pharmaceutical Chemistry (2011-2013) under the guidance of Prof. Sen which has been fully funded by RSC Research Grant, United Kingdom. Many distinguished guests from industry & academia have visited the workshop where practical demonstration has been displayed on various chromatography and separation technology of impurity. Green Chemistry approach in National Seminar has been delivered by many scientists as well as by many postgraduate students according to their viewpoints of application of novel methodology to make the environment green.

Dr. Aman B. Upaganlawar, Associate Professor at Department of Pharmacology, SNJB’s, Shriman Sureshdada Jain College of Pharmacy, Chandwad, Nashik has attended 2nd International Conference on Natural Products and Health, during 4-7th September 2013. Dr. Aman has presented a research paper entitled “Protective effect of Lagerstroemia speciosa L. in diabetic neuropathic pain”. The conference was organized by School of Biological sciences, Nanyang Technological University (NTU), Singapore. Eminent scientists from different disciplines from various countries had attended the above conference. Dr. Aman is a life member of APTI, IPS, ACPI, IACS-ISHR and InPharm. He has various National & International Publications and presentations to his credit. He is a recipient of Dhanwantari Award, N. N. Datta Award and Saroj Sharma Prize. He is thankful to Indian Council of Medical Research (ICMR), New Delhi, India, for the financial support he received under International Travel Support Scheme. He is also thankful to the management and Principal Dr. C. D. Upasani, SNJB’s College of Pharmacy for providing this opportunity.

Prof. Dr. Dhrubo Jyoti Sen of Shri Sarvajanik Pharmacy College, Mehsana, Gujarat has attended the national conference on Pharmavision and presented his scientific work done under the guidance of Prof. Dr. Dhrubo Jyoti Sen.

M.Pharm. Semester-III (Pharmaceutical Chemistry) student Piyush A. Gediya of Shri Sarvajanik Pharmacy College, Mehsana, Gujarat has attended the national conference on Pharmavision and presented his scientific work done under the guidance of Prof. Dr. Dhrubo Jyoti Sen.

Piyush A. Gediya and Dr. Dhrubo Jyoti Sen*, Design and CNS stimulation screening of (2E)-1,3,7-trimethyl-2-\{(1R)-2-(pyridin-3-yl)pyrrolidin-1-yl\}methylidene)-1,2,3,7-tetrahydro-6H-purin-6-one by semi synthesised novel moiety of natural product purine with pyridine–pyrrolidine nucleus: PHARMAVISION: Organized by Akhil Bharatiya Vidyarthi Parishad at Shri Sarvajanik Pharmacy College, Mehsana, Gujarat, 28-29 September 2013. This work has been published in World Journal of Pharmacy and Pharmaceutical Sciences (ISSN: 2278-4357, Impact Factor: 0.629).
BOOK REVIEW

TEXTBOOK OF FORENSIC PHARMACY  by Dr. Guru Prasad Mohanta, Professor of Pharmacy, Annamalai University
published by CBS Publishers & Distributors Pvt Ltd

This book provides a systematic and comprehensive coverage of all the important topics in the field of forensic pharmacy.

The book is so structured as to cover the major syllabus of forensic pharmacy of diploma and undergraduate courses in pharmacy under various universities. Every chapter gives the definitions, objectives and other aspects under the respective Act. The important topics in the chapters are highlighted and tabulated for better understanding. It presents the subject matter in a simple language for easy grasp of student.

The latest amendments in the acts have been incorporated. Also the international regulations and related laws in other countries have been discussed in some chapters.

Few case studies are discussed at the end of the chapters to give the practical and applicable aspects of the various acts.

The chapter “Pharmaceutical Marketing (promotion)- code of practice” has been included for understanding the practical aspects of pharmaceutical promotion methods and the ethical conflicts in the pharmaceutical promotion.

The chapters “Right to information Act” and “Code of Criminal Procedure” which are very important for general awareness of all the professionals are discussed in very brief and crisp manner.

Overall, the book is very well written and will certainly be of use to the undergraduate students of pharmacy.

Dr. Shobha Rani R. Hiremath
Georges Cuvier
1769-1832

French naturalist and zoologist. Founder of the fields of vertebrate paleontology and comparative anatomy.

Contributed by
Kuntal Das, Asst. Professor
St. John's Pharmacy College,
Vijayanagar, Bangalore.
Cosmeceuticals: Current Trends and Future Potential!

Uday Bhosale¹, Kusum Devi², Raman Dang²

¹Scientist, Wipro Consumer Care, Wipro Ltd. Bangalore; ²Dept of Pharmaceutical Marketing and Management. Al-Ameen College of Pharmacy, Bangalore, India.

Cosmeceuticals:

Although the U.S. Food and Drug Administration (FDA) does not recognize the term “cosmeceutical,” the cosmetic industry uses this word to refer to cosmetic products that have medicinal or drug-like benefits. By comparison, pharmaceuticals are agents intended to alter, change, or protect skin from abnormal or pathologic conditions. Examples of popular cosmeceuticals include moisturizers, retinoids, antioxidants, and depigmentation agents. Like cosmetics, cosmeceuticals are applied topically but differ in that they contain potent ingredients that can influence the biological function of the skin and deliver nutrients to promote healthy skin. In cosmetic surgery, the use of cosmeceutical products during the postoperative period is also gaining favor to ensure optimal outcomes and patient satisfaction, especially of the use of cleansers, moisturizers, and camouflaging cosmetics.

Recent trends in cosmeceutical development include those that address skin protection from radiation and oxidant damage, with a focus on nonirritating ingredients to improve the appearance of skin. Topical retinoid products are the most important drug class to reverse cutaneous aging with clinical efficacy proven in a number of trials that included histologic evaluation. Retinoids act through retinol and retinoic acid binding sites to regulate growth and differentiation, inhibit tumor promotion, decrease inflammation, and enhance the immune system. Vitamin A is the most common naturally occurring retinoid, and acts by stabilizing the oxygen radicals that are created after skin exposure to ultraviolet light. Transretinoic acid, or tretinoin, is the primary retinoid used for skin enhancement and has both dermal and epidermal effects. Tretinoin has been found to improve fine rhytides, diminish roughness, reverse actinic damage, and lighten lentigines. A subset of patients experience skin irritation with prescribed retinoids, and here over-the-counter retinol may provide a better tolerated option.

In addition to retinoids, other antioxidants have gained traction in the market, including alpha lipoic acid, idebenone, and niacinamide. As a class, antioxidants have emerged as the largest general category of active cosmeceutical ingredients incorporated into both topical and ingestible formulations and are expected to maintain this position for the foreseeable future. As with retinoids, antioxidants function by preventing free radical species from damaging cellular proteins or genetic material, which has been demonstrated to contribute significantly to the visible effects of skin aging. Other active compounds, such as botanicals, enzymes, hyaluronic acid, amino acids, and peptides, also offer favorable opportunities in a variety of cosmeceutical products.

Cosmeceutical development has also benefited from the growth of other industries, such as nanotechnology. Cosmetic industries rank high among the nanotechnology patent holders in the United States. The French firm L’Oréal devotes approximately US$600 million of its annual US$17 billion revenues to research and is the industry leader on nanopatents.

Manufacturers

Because of their unique position as neither cosmetics nor pharmaceuticals, cosmeceuticals are not regulated by the FDA. Any claims made by manufacturers about their products having an effect on the structure or function of the human body must be substantiated by scientific evidence.

There are approximately 400 cosmeceutical manufacturers, including companies that supply the cosmeceutical chemicals and/or manufacture the products in the U.S. market. The largest companies in the industry for finished products are Procter & Gamble, Johnson & Johnson, L’Oréal, Estée Lauder, Avon and Allergan, which together represent nearly one-half of the U.S. market.

Croda International Plc, based in the United Kingdom, and Allergan, in Irvine, CA, are 2 of the leading suppliers in the cosmeceutical industry. Croda recorded US$1.016 billion in sales in 2011, primarily from sales of oleochemicals derived from natural oils used in personal care products, household items, and the plastics industry. That same year, Allergan had sales of US$3.1 billion, primarily through the sale of botulinum toxin type A.

Skincare cosmeceuticals account for approximately 80% of the total U.S. and European cosmeceutical market. U.S. demand for cosmeceuticals is projected to increase by 7.4% in 2012 and to continue to increase in the subsequent years. However, there is growing competition from the mass-market chains, and this growth may also be affected negatively by stricter legislation on claims and ingredients combined with a consumer mindset of cautious spending.

Regarding legislation, lawmakers in the United States began investigating potential changes to the definition of the terms “drug” and “cosmetic” as
described in the Food, Drug and Cosmetic Act in the late 1990s. Stricter legislation would attempt to further clarify the distinction between pharmaceuticals and cosmetics.

Market Share

Global Cosmetic Industry Magazine estimated the size of the U.S. cosmeceutical market to be US$2.8 billion in 2001. According to The Freedonia Group, Inc (Cleveland, OH), the demand for formulated appearance-enhancing products was projected to increase by more than 7.4% per year through 2012 to US$9.4 billion dollars. In a study published by Kline & Co (Little Falls, NJ), U.S. and Western European sales of cosmeceutical ingredients related only to antiaging claims totaled approximately US$130 million—$150 million in 2005, mostly driven by the demand of baby-boomers.

Competition in the cosmeceutical market is increasing from several sources. Alternative treatments are gaining popularity. Laser treatments, for example, offer more dramatic and immediate results than cosmeceutical products, but do so at greater cost and with greater risk. Competition from within the cosmeceutical industry is also expected to increase because of market penetration of private label cosmeceutical brands and the rapid commoditization of innovative ingredients and products.

Despite the expectations of strong demand for cosmeceuticals in the United States and Europe, Western Europe’s economy is expected to achieve below-average growth of 3% from 2008 through 2013. Offsetting the flattening economies in mature markets, emerging markets, such as China are anticipated to account for 13% of global antiaging sales by 2013. Additional demand for cosmeceuticals is expected in Brazil, Russian Federation, and India because of a growing population of older consumers with a disposable income in these economies that are less credit-dependent than their Western counterparts.

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