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APTI Celebrates Golden Jubilee Year

OFFICIAL DESK

The date of 20th May, 2016 shall be recorded in golden letters in the history of Association of Pharmaceutical Teachers of India (APTI). It is on this day, the foundation is being laid for the construction of our dream-project APTI - B.M.Reddy Innovation, Incubation & Education Centre - at Bengaluru. All Office bearers of APTI deserve our compliments for the excellent job done.

It is needless to see that the proposed infrastructure will provide all of us with an effective interface for academic and professional deliberations. Strategic approaches for making teaching, learning process in pharmacy institutions more focussed may be developed within four walls of the APTI - B.M.Reddy Innovation, Incubation & Education Centre. Facilities can be provided for in-house training programmes aimed at sharpening teaching skills of in-service teachers of pharmacy institutions across the country. The infrastructure shall provide impetus to all activities aimed at attaining academic and professional excellence in teaching of pharmacy subjects. The exercise of curriculum design and development, as well as, curriculum enrichment shall be one of the major activities at the proposed APTI - B.M.Reddy Innovation, Incubation & Education Centre

Good work has already begun. It is a herculean task to realize the dream of creating a state of the art facility for pharmacy teachers. Let us lend a co-operative hand to our colleagues in APTI Executive Committee to fulfil our professional commitment.

Let us join hands to make it HAPPEN. IT IS NOW OR NEVER CHOICE IS OURS.

Prof. (Dr.) Chandrakant Kokate
Vice Chancellor
KLE University

Salute to all the Pharmacy Teachers…

Association of Pharmaceutical Teachers of India (APTI) has come a long way. It is celebrating its 50th Year of existence and 100th Issue of APTI Bulletin. They are big Milestones. Lot has gone into making APTI a prime runner for Teachers. International Conferences at Antalya, Turkey and at Dubai has proved APTI's intentions to go total Global. At National level there is lot to offer. APTI awards for motivation. Journals for giving a platform to contribute through the scientific content. Conferences, Conventions, Workshops. State branches are very active and are contributing in a big way for the development of profession. Books written by Luminaries are published and circulated well.

Teachers' issues are actively taken up. Bulletin which is the face of professionals where they highlight their achievements and Institutional activities.

We wish all the members of APTI a glorious Golden Jubilee year and a well-deserved century for the Bulletin. The support and contributions of APTI members has proved that the team work does wonders.

Manipal awaits all APTI Members for the grand celebrations of the APTI Golden Jubilee celebrations and swearing in of the new Office bearers.

Dr. Raman Dang
Jt. Secretary APTI

INSTITUTIONAL NEWS

Pune District Education Association's Seth Govind Raghunath Sable College of Pharmacy, Saswad has been accredited with 'B' grade by National Assessment and Accreditation Council (NAAC), Bangalore. Seth Govind Raghunath Sable College of Pharmacy was established in Saswad in the year 1993 with the prime objective of providing professional education to the rural masses. Rendering quality education has been the motto of the college which at present is offering the courses viz. degree, post graduation and Ph. D in Pharmacy under SPPU, Pune. The college conducts various students oriented activities in order to ensure their overall development along with academic growth. As a social responsibility, the college conducts various community oriented programs for benefit of the society through NSS. The faculty and students are encouraged for active research in the field by providing the requisite facilities. The college has received 'Best College Award' of Pune District Education Association, Pune in 2008. Dr. Ashok Bhosale, Principal has been the recipient of many prestigious awards viz. Prof. M. L. Khorana, Baburaoji Gholap Puraskar by PDEA, Best Principal Award by SPPU etc for his valuable contribution in the field of education. He has been actively involved in various committees and administrative bodies of PDEA and SPPU, Pune.

NAAC Peer Team visited the college for performance assessment and evaluation. Prof. V. K. Dixit, Former HOD and Professor, Dept. of Pharmaceutical Science, Dr. Harisingh Gour University, Sagar, MP; Prof. Muvva Vijayalakshmi, Professor & Head Department of Botany and Microbiology, Acharya Nagarjuna University, Guntur, AP; Prof. S. S. Pandya, Former Principal, K.B. Institute of Pharmaceutical Education & Research, Ahmedabad, Gujarat were the Chairman, Member co-ordinator and Member of the Peer Team respectively. The Peer team observed and evaluated the academic records, administrative functions & system, organizational management, examinations, students, infrastructural facilities, research, various co-curricular and extra- curricular activities conducted for students, innovative practices etc in the college during the visit.

The parent society Pune District Education Association, Pune motivated and supported the college in the process of evaluation by NAAC. Hon. Shri Ajitdada Pawar, Ex-Deputy Chief Minister of Maharashtra and President, Pune District Education Association (PDEA), Pune congratulated the Principal, Vice Principal, teaching and non teaching staff and students for accreditation by NAAC.

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8th – 9th January, 2016

Two days State level Seminar on 'Advances in Pharmaceutical Analysis' was organized at Pune District Education Association's Seth Govind Raghunath Sable College of Pharmacy, Saswad on 8th & 9th January 2016 on the occasion of Platinum Jubilee Year of Pune District Education Association, Pune. The seminar was sponsored by BCUD, Savitribai Phule Pune University, Pune under the Quality Improvement Programme. The seminar was inaugurated at the auspicious hands of Dr. B. S. Kuchekar, Principal, Maharashtra Institute of Pharmacy, Pune. The inauguration function was graced by the presence of Dr. Vilas Bendre, LabIndia Analytical Instruments Pvt. Ltd, Kothrud, Pune, Dr. Ashok Bhosale, Ex-member of Management Council, SPPU, Pune and Principal, Prof. V. C. Balurgi, Principal (Diploma) and Dr. Meenakshi Deodhar, Vice-Principal of the college. Dr. B. S. Kuchekar appreciated the apt choice of the topic of the seminar. Dr. Ashok Bhosale elaborated on the need of arranging such seminars and activities. Dr. Vilas Bendre delivered a lecture on Dynamic Vapour Sorption Technique which was followed by a lecture on Acceptance of Sampling in Pharmaceutical Analysis by Mrs. Kaustubhmani Kamat, Consultant, Pune. In the post lunch session, Dr. Sachin Bhusari, Department of Chemical Technology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad discussed Bioanalysis and Mr. Vinayak Mehendale, Septchmarketing India Pvt Ltd, Perugate, Pune elaborated on Automated Flash Chromatography- Basics & applications.

On second day of the seminar, Dr. Dilip Dhavale, Professor in Organic Chemistry, Department of Chemistry, Savitribai Phule Pune University, Pune highlighted on Advanced Spectroscopic Techniques. Dr. Milind Bagul, Raptim Research Ltd, New Mumbai explained the concept of Approach for Biowaiver request in his speech. Dr. D. G. Naik, Agarkar Research Institute focused on Chromatographic Techniques in Herbal Drug Standardization. Dr. Sathyanarayan, Professor, Poona College of Pharmacy, Pune delivered a lecture on Advanced Chromatographic Techniques. Poster presentation was also held to boost the research potentials in the aspirants and to enhance the interactions amongst the peers. The posters were evaluated by Dr. D. G. Naik. Total 52 delegates attended the seminar and 30 students presented the posters. Mr. Shreyas Tapale, AISSM's College of Pharmacy, Pune received the first prize in poster presentation competition while Ms. Sheetal Biradar, Modern College of Pharmacy, Nigadi, Pune and Ms. Meetali Jagtap, SGRS College of Pharmacy, Saswad received second and third prizes respectively. The seminar was co-ordinated by Mr. Ganesh Nigade and Dr. Meenakshi Deodhar. It was compeered by Dr. Rajashree Chavan, Dr. Smita Pawar, Mrs. Jayashree Jagtap and Mr. Amol Kale. Mr. Ganesh Nigade extended vote of thanks.

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16th January, 2016

Indian Pharmaceutical Association, Dakshina Kannada District, Local Branch, Mangalore in Association with Srinivas College of Pharmacy, Valachil, Mangalore & Srinivas Hospital & Research Centre, Mukka, Surathkal has inaugurated the "AROGYA SAPTHAHA" by donating the blood on 16th January 2016 at Srinivas Hospital & Research Centre, Mukka, Surathkal.

Dr. Uday Kumar Rao, Dean, Srinivas Institute of Medical Sciences & Research Centre, appreciated this programme which scheduled from 16th to 21st January 2016 and advised the needy to make use of this occasion.

On this occasion. Dr. A.R.Shabaraya, President, Indian Pharmaceutical Association, Dakshina Kannada district Local branch and Principal, Srinivas College of Pharmacy Dr. EVS Subrahmanyam, Vice President, Indian Pharmaceutical Association, Dakshina Kannada district Local branch and professor, Srinivas College of Pharmacy, Dr. J L Joshua, Medical Superintendent, other departmental heads who include Dr. Satyamurthy Aithal, Surgery, Dr. Mahesh Chandra Hedge, ENT, Dr. Ashok Nayak, Medicine, Dr. Amarnath, Orthopaedics, Dr. Sukhesh, Pathology, Dr. Annayya Kulal, Medical Officer, Mrs. Helen Tauro, Nursing Superintendent and Sri Anil Kumar, PRO, Srinivas Institute of Medical Sciences were present. Mr. Gopikrishna, Mr. Mahesh Pushkar Asst. Professors, Srinivas College of Pharmacy donated the blood. Dr. S Satish, Asst. Professor, Srinivas College of Pharmacy, has coordinated the arrangements.

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15th - 22th January 2016

An eight days residential workshop from 15th to 22 Jan 2016 on Universal Human Values and Ethics organised by Himachal Pradesh Technical University, Hamirpur at Laureate Institute of Pharmacy , Kathog, Jalwalaji was inaugurated on 15thJanuary 2016 by lighting of lamps and Sarswati Vandna . Dr. M.S. Ashawat, Principal Laureate Institute of Pharmacy, Kathog, Organising Secretary, welcomed Prof. R.L. Sharma , Hon'ble Vice Chancellor HPTU, Hamirpur, Patron of the workshop, Prof N.N. Sharma ,Dean Academic, HPTU- Convener , eminent resource persons Mr. Gopal Babu, IIT New Delhi, Mr. Jatinder Narula and Mr.Vinay Kehar, Punjab Technical University and all the participants of the workshop.

Prof N.N. Sharma welcomed and encouraged the participants. He insisted the participants to go for self investigation and self exploration. Dr Sharma applauded and acknowledged Dr.Vinay Pandit , Co-ordinator of this workshop for taking this initiative to organise the workshop.

Further in proceedings, Prof R.L. Sharma was welcomed upon the dais to share his thoughts. He discussed about the importance of such initiatives being taken by the University. He related the Clean India Drive with this workshop and urged the participants to work for internal cleaning of thoughts .

An 8-day workshop aimed at discussing the values that one needs to inculcate in themselves to become a better teacher to various aspiring minds that contribute in the transformation of the society, hence the nation. The topics were cherry-picked, which aren't generally found in the curriculum of books that we generally come across. We are facing many kinds of problems today - corruption, exploitation, and violence in society, strife in family, and lack of satisfaction in the self. This workshop provides a platform for discussing plethora of issues like Education, Reality, Happiness, Success, Aspirations and gaining an understanding on Our Nature, Relationships, Environment, Social Issues, and Self-Confidence. On 22nd January 2016, at valedictory function Dr Kshama Metre, Padamshree Awardee, was chief guest. The vote of thanks was proposed by Dr. Vinay Pandit, Co Ordinator of this workshop.

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19th January, 2016

Gokhale Education Society's Sir Dr. M.S.Gosavi College of Pharmaceutical Education and Research, Nashik had organized a one day State level Seminar, sponsored by the Savitribai Phule Pune University on "NDDS- Innovations in Pharmaceutical Sciences: Building Today Health of Tomorrow"

Around 85 delegates including Principal's, faculty and students from various Pharmacy College of Nashik participated in the seminar. The seminar was inaugurated by lighting of lamp at the hands of President of the function Sir Dr. M.S. Gosavi (Secretary, Gokhale Education Society), Chief Guest Mr. J.C.Koshti (Director, R & D, Blue Cross Ltd., Nashik), Guest of honor Dr. P.R. Vavia (Dean, Academic Program, ICT, Mumbai) and Prin. Dr.S.V.Amrutkar. The program started with the welcome address of Principal Dr. S.V.Amrutkar who introduced the guest & emphasized the prime objective of the seminar.

Various sessions were delivered by eminent personalities from academics. The key speakers for this seminar were Dr. P.R.Vavia who focused on recent trends in novel drug delivery system and innovative nanotechnology based formulations. Dr.A.M.Pethe (Associate Professor, SPP SPTM, NMIMS, Mumbai) spoke on the various stability problems and formulation aspects of Protein and Peptide. He also emphasized on solution of the said problems. Dr. H.S.Mahajan (Associate Professor, R.C.Patel Institute of Pharm. Edu. and Research, Shirpur) talked in detailed on Nasal drug delivery system, factors influencing nasal formulations. He also traced on evaluation of nasal dosage form.

The valedictory session was inaugurated by Dr. H.S.Mahajan, Principal Dr. S. V.Amrutkar (Convener) and Dr. P.L.Pingale (Coordinator). The report reading of the seminar was done by Dr. P.L.Pingale. The seminar was anchored by Prof. A.T.Nair and Prof. S.S.Boraste proposed vote of thanks. The valedictory session was concluded by national anthem.

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21st- 23rd January 2016

Three Days Entrepreneurship Awareness Camp (EAC) sponsored by DST-NIMAT was organized by KCT's R.G.Sapkal College of

Pharmacy, Anjaneri, Nashik on 21st- 23rd January 2016 with aims at creating awareness among students about various facets of entrepreneurship while highlighting the merits of pursuing such a career option.

EAC was sponsored by Department of Science & Technology - National Implementing and Monitoring Agency for Training Under the Aegis of National Science and Technology Entrepreneurship Development Board Department of Science & Technology, Government of India, New Delhi Implemented by Entrepreneurship Development Institute of India, Ahmedabad DST-NIMAT, Government of India, New Delhi.

Inaugural Ceremony of EAC was conducted on 21st January at 10.30 am in presence of Chief guest Mr. Ravindra Zope Director, Shree Ganesh Industry, Ambad MIDC, Nashik, Hon. Ravindra G. Sapkal CMD, Sapkal Knowledge Hub, Dr. V. J. Gond, Principal, Late G.N. Sapkal College of Engineering, Dr. Suhas Dhande, Director, K. R. Sapkal College of Management Studies, Prof. Dr. R. B. Saudagar, Principal, KCT's R.G.Sapkal College of Pharmacy, Nashik.

Followed by inaugural session, Mr. Ravindra Zope addressed the participants of EAC. In his speech, he spoke about hardwork and honesty to be successful entrepreneur. He also discussed about Entreneurship as a career for technocrats.

Hon. Mr. Hemant Patil, Director, Raj Corporation, Nashik addressed the participants about how to start a SSI unit (general concept about the govt. formalities, rules and regulation, Location and different aspect of an industrial venture. Govt. Schemes for establishment of SSI. He also included a discussion on regulatory affairs for pharmacy students.

Mr. Vaibhav Joshi, Director, C.E.O. Shree Ekvira Mfgra and Coats Pvt. Ltd. MIDC, Ambad, Nashik. discussed regarding Mechanism of Product Selection and Technology- assistance from R&D labs & others on choice of technology.

Hon. Mr. Gopal Pawar, MD, Kirti Pharmachem, Sinner, Nashik and Mr. Hemant Pachpute, Spoke to participants about common problem faced by entrepreneurs.

Mr. C Santaram, Director, C. S. Instruments, Nashik. Shared the information of Project selection techniques, financial aspects of SSI unit including salient features of a project report.

Industrial visit was organized to all the participants of EAC at, Anish Pharma Equipment Pvt Ltd G-68, M I D C, Ambad, Nashik, Shree Ekvira Mfgra and Coats Pvt. Ltd.MIDC, Ambad, Nashik, Amol Industries Precision Plastic Injections Moulding, Ambad, Nashik and Shree Ganesh Industry, Ambad MIDC, Nashik.

Mr. Kiran Mohite Tikeker, Director Muktangan, Anand Nagar, Nashik conducted a session on personality development and communication skills.

Mrs. Nalini Kulkarni, Director, Amol Industries Precision Plastic Injections Moulding spoke to the participants about Opportunities in electronics-Industries and experiences in SSI.

Mr. Vinod B. Patil, Managing Director, House of Investments, Nashik, spoke about Opportunities in I.T. and experiences in SSI.

Mrs. Manisha S. Dhatrak Director, Varun Agro food Processing Pvt. Ltd., Umrale, Tal- Dindori, Nashik spoke to the participants about Career opportunities in Pharma field & experiences in SSI.

Valedictory function was conducted in the presense of Chief guest Dr. D. V. Derle, Principal, MVP, College of Pharmacy, Nashik and Mr. P.N.Katkade, Asst. Commissioner FDA, Ahmednagar and Hon. Ravindra G. Sapkal CMD, Sapkal Knowledge Hub, during the function certicficates for the participants were distributed and EAC was concluded.

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4th February, 2016

A one day state level Seminar on "Treatise and Practices on Intellectual Property Rights" sponsored by Savitribai Phule Pune University, organized by Sinhgad Institute of Pharmaceutical Sciences, Lonavala on Thursday, 4th February 2016. The seminar was aimed to provide the knowledge on "Innovations in Intellectual Property Rights and Patent Law in India and Abroad" to undergraduates and post graduate students. Nearly 100 delegates registered for the seminar. The program was inaugurated by the Chief Guest Mr. Manish D. Bhangale,

Registered Indian Patent Agent, Dr. R. N. Kane (Principal of Sinhgad Institute of Pharmaceutical Sciences and Convener of the seminar) and Prof. R. R. Patil (Programme director). Dr. R.N. Kane (Principal of Sinhgad Institute of Pharmaceutical Sciences and Convener of the seminar) welcomed the gathering by presenting his inaugural address. Prof. R. R. Patil (Program Director) presented objectives and overview of the seminar. In the first session Mr. Manish Bhangale delivered a lecture on Principles, Procedures for filling various types (Process and Product) patent in India and Abroad. Mr. Manish Bhangale has vast experience in this field and dealt with valuable information regarding the step by step procedure, prerequisites, do's and don't of Intellectual Property Rights and Patent Law. In the Second session Prof. Prerna Dongre delivered a talk on "Correlation between Patent and Regulatory Affairs and Current job opportunities in the field of Intellectual Property Rights. She has given an insight on patent technologies, green patenting, forms of patents and its importance in development of Pharma industry and its globalization. In the afternoon session Dr. S. B. Bhise (Principal Chhabra College of Pharmacy, Satara) presented his talk on Treatise and Practices of IPR and patent law in India and in other countries. He has elaborated the IPR and its applications by presenting very interesting examples of various Pharma Industy. Participants had a very good interaction with speakers and clarified their doubts about IPR and patent Law. The seminar provided a interactive forum and given a good content to the delegates from various fields such as Industry, academia and Research institutes. In the evening Valedictory programme was conducted. Prof. R.R. Wadekar (Programme Coordinator) presented concluding remarks and Vote of thanks.

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5th-6th February, 2016

Sinhgad Institute of Pharmaceutical Sciences (SIPS), Lonavala had organised Savitribai Phule Pune University Sponsored two days State level seminar on "Natural Product Chemistry: Drug Discovery and Development" on 5th-6th Feb, 2016. The seminar was inaugurated at the hands of Chief guest Dr. K Anilkumar, Principal Scientist & Head Innovation centre Tata Chemicals Ltd. Dr. Suresh R. Naik, Emeritus Professor was the guest of honor.

Convenor of the conference Principal Dr. R. N. Kane gave opening remarks whereas Program Director Dr. S. G. Walode briefed about motto of the seminar. During these two days conference orations were delivered by the stalwarts from industry and academia.

On day 1 the scientific sessions started with key note address by Dr. K. Anilkumar who gave insights on "Natural Products for Future: Prospects and Challenges". In his lecture he highlighted the tremendous potential of the herbal drugs to treat myriad diseases. His lecture was followed by Dr. Ashwinikumar Raut, Director, Clinical Research & Integrative Medicine Kasturba Health Society's Medical Research Centre, Mumbai enlightening the audience on "Integrative Transdisciplinary approach for Natural Product Drug Discovery and Development." The afternoon session began with informative and interactive talk on "Opportunities and Challenges in Natural Product Chemistry" by Dr. Ashok Amonkar, Department of Phytochemistry Kasturba Health Society's Medical Research Centre Mumbai. The day came to end with lecture by Dr. S. N. Umathe, Principal Kamla Nehru College of Pharmacy, Bootibori highlighting "Cannabinoid Receptors: Targets for future therapeutics".

On Day 2 Dr. Subhash Chavan, Scientist F, National Chemical Laboratory (NCL) Pune delivered presentation on topic "Synthesis of Some Pharmaceutical Compounds of Commercial Relevance." Dr. K. S. Laddha, Professor, Institute of Chemical Technology, Mumbai presented informative talk on "Scope & Challenges in Phytochemical research." In the post lunch session Dr. R. K. Nanda, Professor, Dr. D. Y. Patil Institute of Pharmacy emphasized on "Spectroscopic Techniques & their application in Structure Elucidation."

The two day seminar concluded with valedictory function and seminar co-ordinator Prof M. K. Raut proposed vote of thanks. Total 80 delegates from academia and industry participated in the conference including undergraduate, postgraduate, Ph.D students and Faculty members. Feedback from participants was noted and participation certificate was issued to all the delegates.

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6th February, 2016.

One day National Conference sponsored partly by Gujarat Council of Science & Technology (GUJCOST) was organised by Bhagwan

Mahavir College of Pharmacy, Surat, on the theme of "Emerging Trends in Pharmaceutical Sciences and Regulatory Affairs" at the college campus on 6th February, 2016. About 182 students from various pharmacy colleges, delegates from industry and faculty from various pharmacy colleges are participated in the conference. Dr. S. M. Vijayendra Swamy, Director & Principal of the host institute, Convenor of the conference welcomed the guests and delegates. The aim of the conference is to disseminate innovative ideas in the new and emerging technologies in pharmaceutical sciences. The programme was inaugurated by lighting the lamp in presence of the chief guest Dr. S. S. Agrawal, Vice Chancellor, DIPSAR University, New Delhi, Guest of Honour Dr. S. H. Ansari, Professor & HOD, Jamia Hamdard University, Delhi, Mr. Anil Jain, Secretary & Managing Trustee, BMEF, Dr. Sanjay Jain, Managing Trustee, BMEF, Dr. Harshita Jain, Managing Trustee, BMEF, Dr. Vijayendra Swamy, Director, Bhagwan Mahavir College of Pharmacy, Surat. Dr. S. S. Agrawal, addressed the gathering on the topic of "Need for Pharmaceutical and Research University in India". Eminent speakers Dr. S. H. Ansari, discussed the "Declining Standards of Pharmacy Education in India- Strategies for Improvement" and Mr. Krutarth Kothari, Team leader, Dept. of Regulatory Affairs, Gowrie Research Pvt Ltd. Vadodara, explained the "Recent Trends for Europe Submission". Poster presentation competition will be organized and 60 posters will be displayed related to the theme of the conference. Ms. Kesha Desai, Asst. Professor, Mrs. Dhiti Marfatiya, Asst. Professor, anchored the programme. Dr. Zarna Dedania, Associate Professor & co-ordinator of the conference presented the report of the scientific sessions and proposed vote of thanks.

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6th February, 2016

A one day national seminar on "Innovations in Pharmaceutical Research 2016" and Poster Presentations" was organized by G. Pulla Reddy College of Pharmacy, Mehdipatnam, Hyderabad on 6th February 2016. The seminar was aimed to provide the knowledge on "Innovations in pharmaceutical research" to undergraduate and post graduate students. About 300 delegates registered for the seminar and 161 delegates presented posters in Scientific Sessions. The program was inaugurated by the chief guest Prof. K. Narasimha Reddy, Hon. Secretary Telangana Academy of Sciences, Hyderabad (Former Vice-Chancellor Mahatma Gandhi University, Nalgonda) and Guest of Honor Prof. K. Janardhan Reddy, EC Member, Telangana Academy of Sciences, Hyderabad (Former Executive Council Member, Osmania University, Hyderabad).

Dr. B. Madhava Reddy, Principal welcomed the gathering and briefed the delegates about the theme "Innovations in Pharmaceutical Research" and objectives of the seminar. Chief guest Prof. K. Narasimha Reddy enlightened on innovations in cancer research field. Guest of Honor Prof. K. Janardhan Reddy highlighted the importance of development of plant origin and herbal drugs to reduce side effects. Scientific Abstract Book was released on this occasion by chief guest Prof. K. Narasimha Reddy.

In the first session Dr. Sunil Kumar Agarwal, Project Manager, Dr. Reddy's Laboratories Ltd., Hyderabad delivered a lecture on "Development of generics-The challenges and opportunities". Dr. Sunil explained healthcare development in Japan, importance of generic medicine for reducing the expenditure in healthcare system, measures to promote generics and hurdles in generic promotion in Japan.

In the second session Dr. Venkata Ramana Reddy, Asst. General Manager, Suven Life Sciences Ltd., Hyderabad delivered a talk on "Concept of Quality and Quality by Design (QbD)". Dr. Ramana has given concept of QbD, and product testing, risk assessment of formulation variables and different stages of process DOE studies.

In the afternoon session, students from various colleges presented posters in various aspects of Pharmaceutical research and development. 161 posters were presented in different specializations. The presentations were evaluated by the senior faculty and selected 11 Best Poster presentations for award. The seminar was attended by more than 200 delegates from other colleges. In the valedictory programme merit certificates and mementos were presented to the winners of poster presentation. The programme was concluded with Vote of thanks.

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12th-13th February, 2016

Maharashtra Institute of Pharmacy, Pune in association with Savitribai Phule Pune University organized a National conference on

"Nanotechnology in Drug Delivery -Challenges and Opportunities"on 12th and 13th February 2016. 100 Research students, delegates and faculty registered for the conference. The conference was inaugurated by Dr. Mandar Kodgule

Senior Vice President, Global IP & Corporate Strategy at Wockhardt Research Centre, Aurangabad. In 4 sessions of two days Hon. Mr. Shrikant Dhavale Dy. General Manager-R& D (F&D) Sava Healthcare Ltd, Pune ,Dr. Abhijit Gothoskar Ad.Professor, MIP Pune , Dr. Vivek Polshettiwar Principal Investigator, Nanocatalysis Laboratories, Reader, Division of Chemical Sciences, Tata Institute of Fundamental Research (TIFR), Mumbai , Dr. (Mrs)Varsha Pokharkar Professor& Head, Dept. of Pharmaceutics Poona College of Pharmacy, Bharti Vidyapeeth Pune Dr.M. Shadbar Qureshi Senior Principal Scientist National Chemical Laboratory, Pune & Professor AcSIR New Delhi and Dr.P.K.Khanna Professor,HOD, Dept. of Applied Chemistry, Defence Institute of Advanced Technology, (Deemed University) delivered the talk on said theme and its application in drug delivery. On the 12th afternoon session Pharmavista poster competition was conducted for the research and review category. 28 posters registered during the competition. Principal Dr. B.S.Kuchekar, Dr. Swati Jagdale (HOD Pharmaceutics) and Prof. Satish Polshettiwar coordinated the conference.

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13th February, 2016

A one day workshop on "Traditional Medicines - Current Approach" was organized by Periyar Technology Business Incubator (PTBI), Trichy Centre of Periyar College of Pharmaceutical Sciences, Trichy on 13th February 2016. The workshop began with Inaugural function. Dr. T. Shri Vijaya Kirubha, Head, Dept. of Pharmacognosy welcomed the gathering. Prof. Dr. R. Senthamarai, Principal delivered the Presidential address. In her address she charted out how traditional medicines serve as an important element of our National healthcare system. She also explicated on the ill effects of Fast food and portrayed on the effectiveness of traditional medicine. Prof. Dr. V. Gopal, Principal, College of Pharmacy, Mother Theresa Post graduate and Research Institute of Health Sciences, Puducherry inaugurated the Workshop and highlighted the importance of traditional medicines. He stressed on the importance of documenting and protecting these medicines. One of the renowned Alumnae Mrs. Nagalakshmi Gopal graced the occasion. Dr. R. Prema, Asst. Professor proposed vote of thanks.

As a part of the programme Dr. S. Ashok, Managing Diretor, Saravana Hospitals, Salem delivered a lecture on "Innovations in Global Herbal Health Industry" followed by Mr. N. Kanagasabapathy, President of The Tiruchirappalli District Tiny and Small Scale Associations (TIDITSSIA) spoke on "Global Marketing of Herbal Medicines". Dr. C. Shahul Hameed, IMCOPS (Indian Medical Practitoners Co-operative Pharmacy & Stores Ltd.) Consultant, Trichy Branch prepared some herbal formulations during the Demo Session.

Dr. S. Ashok, Managing Director, Saravana Hospitals, Salem delivered the Valedictory address in the evening. In his address he attributed on the current situation of Traditional Medicine in terms of providing basic health coverage and stressed about the concrete steps to be taken to globalise traditional medicine. Prof. Dr. R. Senthamarai, Principal delivered the presidential address and called upon the delegates to actively involve in Traditional medicine research. Nearly 214 delegates from various Universities, Pharmacy, Arts and Science Colleges, Siddha practioners and Entrepreneurs from TamilNadu & Puducherry actively took part in the Workshop. Dr. C. Shahul Hameed, IMCOPS Consultant, Trichy Branch, Mr. G. Sebastian, Correspondent, Dr. A. M. Ismail, Emeritus Professor and Dr. G. Krishnamoorthy, Vice Principal graced the occasion. Mrs.S.Saraswathi, Asst. Professor proposed vote of thanks.

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14th February, 2016

ASPM's K.T.Patil College of Pharmacy, Osmanabad has organized One day National Seminar on "Innovative Technology & its Application in Formulation & Development" sponsored by Association of Pharmaceuticals Teachers of India (APTI). Seminar was inaugurated by Lamp lightening by Shri. K.T.Patil Sir, General Secretary of Adarsh Shikshan Prasarak Mandal, Osmanabad, Dr. Puranik P.K., Professor, Dept. of Pharmaceutics, R.T.M.U, Nagpur. (M.S), Dr. Shivanand M.Patil, Principal & Chief Co-ordinator and Mr.Alkunte Atulkumar , Assistant Professor & programme Co-ordinator of ASPM's K.T.Patil College of Pharmacy, Osmanabad.

In morning session first plenary talk was delivered by Dr. Puranik P.K., Professor, Dept. of Pharmaceutics, R.T.M.U, Nagpur. (M.S), on "Nanocarrier : A Case Study by Phytosomal Delivery System" and Prof. A. P. Gadad Professor, Dept. of Pharmaceutics, KLE University's, College of Pharmacy, Belgaum on the topic "Nanofibres: Application in Formulation & Development"

In afternoon session Dr. Pritam Kanagale, Senior Manager, Janseen Global R&D Centre, Pharma Company of Johnson & Johnson, Malad, Mumbai. (M.S) on the topic "Evaluating Advances in Oral Osmotic Controlled Drug Delivery Systems to Improve Efficacy". The last plenary talk was delivered by Dr. T. Y. Swami, Associate professor, Govt. Ayurvedic college, Osmanabad.. (Maharashtra.) on "Plants research design where does not cover every aspect".

Valedictory function was concluded by Dr.Abhay Shahapurkar, Pediatrician, Sanjivani hospital, Osmanabad & Dr. Shivanand Patil distributed certificates to delegates. For this one day National seminar near about sixty delegates and five APTI Life members were participated from Maharashtra and different parts of India.

All Management members of Adarash Shikshan Prasarak Mandal, Principal, All Faculty Members, Non Teaching staff and Students of K.T.Patil College of Pharmacy, Osmanabad are thankful to Association of Pharmaceuticals Teachers of India for their sponsorship.

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16th February 2016

Maharashtra State board of Technical Education Mumbai and Maharashtra Ploy (D Pharmacy) Institute Nilanga jointly Organized A state level technical quiz competition was held on 16th Feb 2016. The quiz was inaugurated in the presences of Dr Shivajirao Patil Nilangekar Ex- chief Minister Maharashtra State, Principal Shaik Muzamil and Principal Surendra Kute,

For quiz competition 29 teams participated from all over Maharashtra, from different regions of Maharashtra State Board of Technical Education, 02 teams from Mumbai region, 6 teams from Nagpur region, 17 teams from Aurangabad region and 04 teams from Pune region.

First prize Rs 15000/- and trophy was won by students of Channabasweshwar D. Pharmacy College, Latur Sandip Muthkarwar and Sainath Gomare, Second prize Rs 7000/- won by students of MET college of pharmacy, Mumbai Naresh Choudhari and Vinaykumar Gupta and Third Prize Rs 3000/- won by students of Solapur college of Pharamcy, Solapur Miss. Kiran Tolnure and Miss. Nidhar Sultana Patwekar.

For the successful completion of Quiz competition Dr S S Patil, Dr C M Jangame, Prof Ram Phad, Prof Suraj Wakude has taken lots of efforts. Over all program was conducted under the guidance and supervision of Dr B N Poul Principal of our college and C V Thakare coordinator of the this program.

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19th - 20th February 2016

A two day National Conference on Recent Advancement and Application of Spectroscopy and Chromatography Techniques was jointly organized by Kalyani Charitable Trust's R.G.Sapkal college of Pharmacy and Savitribai Phule Pune University on 19-20th February 2016.

The Conference was inaugurated on 19 th February at the hands of Chairman of Sapkal Knowledge Hub Ravindra Sapkal, Prof Dr R.P. Marathe from Government College of Pharmacy, Aurangabad and Principal of R.G.Sapkal college of Pharmacy Dr.R.B.Saudagar.

At the beginning, Principal of R.G.Sapkal college of Pharmacy, Prof Dr.R.B.Saudagar welcomed the guests and gave introductory speech.

In Two Day National Conference, Prof Dr R.P.Marathe focused on Basic and Recent application of Mass Spectroscopy. Dr.Parag Gide gave special Guidence on operation of HPLC. Dr.Rampujan Mishra highlighted on Chromatography Techniques. Dr.RK Maheshwari discussed how to overcome problems and difficulties arise in Spectroscopy and Chromatography Techniques. Mr.Vijay Modak and Mr.Umakant Bhairat gave special guidance lecture on Recent Diagnostic Techniques with Spectroscopy and Chromatography Techniques.

More than 200 Delegates from the state and other states participated in the conference.

Staff members and management contributed to the success of the event.

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19th – 20th February, 2016

Padmashri Dr. B.V. Raju foundation's, Shri Vishnu College of Pharmacy (SVCP) has organized a Two-Day national level seminar "Promilan-2016" with the theme, "Biomedicals, Technology-Vigilance-Driven" on 19th and 20th of Feb. 2016.

The first day of the program was inaugurated by the chief guest Dr.A.V.Krishnam Raju, Head, Project Management R&D, Laila Neutraceuticals R&D Center, Vijayawada. He has delivered a presentation on "PHARMACIST IN BIOMEDICAL RESEARCH". In his Presentation he has stressed the importance of role of pharmacist in drug discovery and development. He also enlighted the students about the various topics of drug discovery process, historical perspective of biomedical research, technical skills required by a pharmacist, selection of right animal model, humanely treatment of animals in clinical trials, development of animal models values and ethics in clinical research and useful tips in handling various instruments. He also educated the students about the various opportunities for pharmacy graduates in the public sector, Information technology, research sector, banking institutions and academics. Vote of thanks was proposed by Prof. Dr. K.Natraj.

In the afternoon session scientific "e-poster" presentations were given by students of various pharmacy colleges from A.P and Telangana in various fields; with these presentations the first day of the PROMILAN-2016 has ended.

The second day of the program was initiated by Dr.U.Varahala Raju, retired principal, D.N.R College with a seminar on the topic of "Intracellular Calcium Homeostasis for Health and Disease". In his talk, he highlighted the importance of magnesium and choline in maintaining the calcium homeostasis and preventing diseases such as cancer and diabetes. He also highlighted the importance of cocoa and green berries in preventing the damage due to free radical generation.

In the following session, prizes and certificates were distributed to the best students who excelled in "e-poster" presentations by SVCP director Dr. D. Basava Raju and Principal, Dr. K.Prasad.

In his talk Director Dr.D.Basava Raju highlighted that the students can increase their confidence and communication skills by attending various technical seminars. Later in his talk, principal Dr.K.Prasad told the students to improve their technical skills which will be very useful in facing interviews. Dr.K.Prasad has proposed the vote of thanks. Administration director, Mr.Prasad Raju was also present.

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20th February, 2016

Nineteenth Annual Day was celebrated at Shri Vishnu College of Pharmacy, Vishnupur, Bhimavaram, W.G. Dt.(A.P.), on 20th Feb.2016. Dr. M. D. Karvekar, Member, Pharmacy Council of India, has graced the function as chief guest. In his opening remarks Dr.Karvekar told that India has made a tremendous growth in the field of Pharmacy education and production of Pharmaceuticals. He told that India was a drug importing country in the pre-independence era, but it is now exporting medicines to around 200 countries in the world and is the third largest in terms of pharmaceuticals production. He also told that Indian government has ear-marked Rs. 1750 crores as a special fund to create job opportunities for pharmacy students.

He commended the management of Dr.B.V.Raju Foundation and Shri Vishnu Educational Society for their services to the pharmacy education and society at large.

Dr. D. Basava Raju, Director (Pharmacy colleges) advised the students to work hard and to utilize all the facilities provided by the college for the betterment of their personality and career.

Dr.K.Prasad, Principal of SVCP has presented the annual report for 2014-15. The highlights of the report were as follows:

- Best alumni award was presented to Ms. M.Lakshmi Prasanna of (2014-15 B.Pharmacy batch).
- Best out going student award was presented to Ms.P.Rajitha of IV B.Pharmacy (2015-16).
- 56 out of 87 students of 2012-16 B.Pharmacy batch. Were placed various reputed organizations till date.
- 15 out of 23 Pharm D students (2009-15 batch) were placed in various reputed organizations, 5 students opted for Higher studies, 2 students were placed in as Pharmacists abroad.

- 58 out of 84 M.Pharm students (2013-15) batch secured placements.
- For GPAT-2016, Six students from 2015-16 B.Pharmacy batch and one Student from 2014-15 batch got qualified.
- NBA Accreditation of the college is renewed up to May 2017

The programme was followed by certificate and prize distribution to best performers in sports and academics.

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22nd-23rd February 2016.

A two day State Level Seminar on Recent Trends and Advances in Pre-Clinical Research was jointly organized by Kalyani Charitable Trust's R.G. Sapkal college of Pharmacy and Savitribai Phule Pune University on 22nd-23rd February 2016.

Principal of R.G.Sapkal college of Pharmacy, Prof Dr.R.B.Saudagar welcomed the guests and focus on Importance of Pre-clinical research.

Chairman of Sapkal Knowledge Hub Ravindra Sapkal and Campus Director Prof A.K.Mansuri was present for Inaugural function.

In the Two Days state level seminar, a lecture series was organized where pharmacy coordinator Dr.CD Upasni threw light on how to prepare the CFR 21 report and RB Nawale introduce various advancing trends in pre-clinical research. Dr.JB Jadhav focus on techniques used while performing research on animals while Dr.Smita Tankiwala gave guideline for animal experiments.

Staff members and management contributed to the success of the event.

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25th February, 2016

MAEER's. Maharashtra institute of Pharmacy(MIT Pharmacy), Pune has organized Campus Recruitment drive for B. Pharm final year students by Sun Pharma Ltd, Mumbai for the various in Quality Control and Quality assurance department on Thursday,25th Feb 2016.

Miss. Jyoti S, HR Manager, Mr. Debashish Roy C, Senior Manager, Mr. Pawan Misra, D& D manager Sun Pharma Ltd, Mumbai has given brief introduction about the company and they highlighted about Job

profile and various career opportunity in Quality lab department of Sun Pharma Ltd. Online Aptitude Test was conducted initially to screen the candidate for Group Discussion round which was followed by Final Interview.

07 student offered the job in the final round for the various post at Sun Pharma Ltd, Mumbai.

The Campus drive was successfully organized by Dr. B. S. Kuchekar, Principal, MAEER's Maharashtra Institute of Pharmacy, Pune and coordinated by Prof. Satish Polshettiwar, Training and Placement Officer. Management of MAEER's. Maharashtra institute of Pharmacy, Pune supported the activity and congratulated selected candidates.

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27th February, 2016

An invited lecture was arranged by Periyar Health Club of Periyar College of Pharmaceutical Sciences, Trichy on 27th Feb. 2016 to create awareness about the various fatal viruses that anchor more than a million people to death. Dr. R. Senthamarai, Principal welcomed the gathering. Dr. S. Dhanapaul, Professor & Head, Dept. of Microbiology, KAPV Govt. Medical College and Hospital, Tiruchirappalli delivered a lecture on "Emerging Viral Diseases". In his lecture he deliberated on the unrestrained devastation and misery caused by different types of viruses including plague, swine flu, dengue, ebola and zika viruses. He anecdoted on the various causative factors and ill effects of these worldwide pandemic diseases through powerpoint presentation in a lucid manner. He added that by removing the major health threats, eradication of disease provides one of the greatest health benefits for humankind. In the future, the biotechnology revolution will likely yield numerous new

vaccines, even for diseases considered chronic and degenerative, thus it is very important that we continue to search for those diseases that could eventually be eradicated. He also stressed on the precautionary measures to be taken by the individual and Government to avoid getting infected by the emerging viral diseases. Dr. A.M. Ismail, Professor and Dr. G. Krishnamoorthy, Vice Principal graced the programme. Staff of Periyar Centenary Educational Complex, Senior Citizens of Samy Kaivalyam Home and Faculty & students of the institution attended the programme. Mrs. A. Jesima Begum, Asst. Professor, PCPS proposed Vote of thanks.

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27th February, 2016

One Day National Level Seminar on 'Current Regulatory Scenario & Challenges for Food & Pharmaceutical Industry' organized by Channabasweshwar Pharmacy College, Latur on 27th February 2016 at Hotel VITS Grand, Latur. This seminar was Sponsored & Supported by Indian Pharmaceutical Association (IPA), Association of Pharmaceutical Teachers of India (APTI) and Swami Ramanand Teerth Marathwada University Nanded (SRTMUN).

The Seminar commenced with the Inaugural Ceremony which entailed the customary practice of lighting the lamp by the auspicious hands of Dr. Shashikant Joag former Director of Khandelwal laboratory, Mumbai and former Secretary General of Indian Pharmaceutical Association (IPA), Adv. Sambappa Girwalkar, Senior Trustee of Panchakashari Shivacharya Trust, Mr. Arvind Reddy, Editor of Sakal Media group, Latur, Mr. Bodhkumar Chapsi, president, Chemist & Druggist Assosiation, Latur, Mr. Ramdas Bhosle, Secretary, Chemist & Druggist Association Marathwada Region, Trustee Mr. Siddheshwar Halkude & Dr. Sanjay Thonte, Principal, Channabasweshwar Pharmacy College, Principals of nearby Pharmacy colleges and Distinguish personality from Pharma and Food industry were present on this occasion.

The welcome address was given by Dr. Thonte S.S, Principal and Convener of the seminar. In his speech he expressed the objectives behind organizing this seminar, theme and content of seminar. All the Dignitaries were felicitated by the faculty members of various institutions present in the seminar.

Dr. Shashikant Joag in his key note address he memorized 1993 earthquake of Latur followed by present draught situation in Marathwada region and water problem facing by people.

About the seminar topic he abstracted for National & International business of medicine, its rules & regulations, necessary changes, challenges to maintain quality of medicine and general guidelines & solutions. Mr. Arvind Reddy expressed gratitude towards organizing committee for organizing National Seminar in rural area on the topic concern to public health and. He didn't forget to mention about business of medicine growing rapidly & it is hi time to arrange seminars such topics.

In first plenary session Mr. Rajgopal Bhutada, Chief Manager of Regulatory Affairs, Mumbai based Teva-Pharm India Pvt. Limited, delivered lecture on the topic "Regulatory Trends & Challenges for Food & Pharmaceutical Industry- Domestic", he focused on key issues related to recent requirement, Challenges and Opportunity offer by Drug Regulatory Affairs. Mr. N.L. Kudale, Team Leader, Regulatory affairs, Tevapharm India Pvt. Ltd., delivered lecture on "Regulatory Trends and Challenges for Food and Pharmaceutical Industry: Export". Dr. Patil S.S., Professor and Head, Dept of P'cology, MCP, Nilanga and Prof. Umesh Pattanshetti were Chairpersons for Morning Scientific Session.

Poster presentations session was organized during session separately on the under the Track I (Regulatory affairs), total 20 posters were received out of which 18 posters were presented and 2 posters were in absentia; whereas under track II (Advances in Pharmaceutical Science), total 30 posters were received out of which 26 papers were presented and 4 papers were in absentia.

In post lunch scientific session Dr. S.R. Lahoti, Professor, Department of Pharmaeutics, Y. B. Chavan College of Pharmacy, Aurangabad expressed his thoughts on "A Regulatory Tool for getting Biowaiver in Generic Product Development" as Plenary third session. He stated in his address about aim of biowaiver, requirements, importance and challenge in corporate levels. Dr. J. N. Sangshetti, Associate Professor, Dept. of Qality Assurance, Y. B. Chavan College of Pharmacy, Aurangabad covered the topic "Quality by Design: A Regulatory Need" followed by lecture on Topic "Regulatory Requirements and Challenges in Emerging Market" by Mr. Aquleeddin Sayed Ahmed, Asst. Manager, Drug Regulatory appears of Wackhardt Research Centre, Aurangabad. Both of them highlighted need, trends, challenges and opportunities in implementation of ethics, morality in regulatory practices and the fact that how each and every department is incomplete without practices of regulatory compliance. The session was chaired by Dr. Jadge Dhanraj, Prof. and head, Dept of Pharmacognosy, Latur College of Pharmacy, Hasegao, Dr. Jangme C.M., Associte Prof., Dept of Pharmacology, Maharashtra College of Pharmacy, Nilanga and Mr. Garad S.V, Associate Prof., Maharashtra College of Pharmacy, Nilanga.

The objective of the seminar was to addresses current trends, importance, challenges and opportunities with regulatory requirements for manufacturing of food and drug products, also to inculcate importance of ethics and morality in implementation of regulatory guidelines.

Finally the day was ended with valedictory function in which at the start Dr. O.G. Bhusnure, programme coordinator summarized the whole day activities and best poster presenters from each track were honored with certificate and momentum by the auspicious hands of Chief Guest of session Dr. Nitin Gheware, Professor, Dept. of Pharmacology, Nanded Pharmacy College; Dr. Namdev Gound, Professor, Dept. of Pharmacognosy, Nanded Pharmacy College; Dr. Lalit Sonwane, Associate Professor, Maharashtra Pharmacy College, Nilanga; Dr. Ajaykumar Patil, Dept of P'ceutics, Karanataka College of Pharmacy, Bidar; Dr. S.B. Dana, Dept of P'ceutics, Karanataka College of Pharmacy, Bidar; Dr. Dashan Chokda, Principal, Karnataka Pharmacy College, Bidar; Dr. Suryakant Dana & Principal of this College Dr. Sanjay Thonte were present on this occasion. National Seminar was concluded with National Anthem.

About 271 participants from the various states of country, which include academician, Researchers, PG Scholar, person from food & Drug manufacturing units participated in seminar. Faculties, research scholar, non-teaching and support staff had taken efforts to make National seminar grand success.

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3rd- 5th March, 2016

SVKM's Dr. Bhanuben Nanavati College of Pharmacy organized ENTRE-PRERNA 2016- An Entrepreneurship Awareness Camp from March 3-5, 2016. This was sponsored by Department of Science and Technology- National Implementing and Monitoring Agency for Training (DST-NIMAT) and SVKM. This camp is the first of its type amongst the pharmacy colleges under the University of Mumbai and received an overwhelming response from the student fraternity. It was organized to give them a flavour of converting ideas into tangible products and create an awareness of entrepreneurship opportunities and avenues available to them after graduation. This vibrant three day workshop had an impressive list of resource persons carefully selected to deliberate on all possible aspects of entrepreneurship. This camp comprised of eloquent talks and deliberations from Mr. Sudhir and Mrs. Pratibha Pilgaonkar, CCO & CEO, Rubicon Research Pvt Ltd., Dr. Sanjay Toshniwal, Director, Mr. Vinay Kumar, Assistant Director, Ministry of Micro, Small and Medium Enterprise, Govt. of India, entrepreneurs like Mrs. Gauri Choudhary, Mrs. Karon Shaiva, Dr. Jayvadan Patel, Mr. Anand Chatterjee, Mr. R. Laxman and Dr. Vandana Patravale. The most sought after star event was PARISHODHANA- an Industry Defined Problem contest wherein the students were evaluated for thought process in assessment of the problem, innovativeness, technical strength, application and commercial feasibility. A panel discussion of BNCP Alumni Entrepreneurs provided a forum of sharing alumni experiences. The glittering valedictory function saw felicitation of the winners with cash awards of Rs. 20,000. This camp filled an unmet gap in their curriculum on entrepreneurship as an alternative and lucrative career option and the student delegates enjoyed this versatile learning interaction with the entrepreneurs themselves.

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4th – 5th March, 2016

Society of Pharmaceutical Education & Research [SPER] had successfully organized its 5th Annual International Conference & Exhibition [SPER 2016] at Chandigarh College of Pharmacy, Landran [Punjab] India on March 4-5, 2016.

The inauguration ceremony commenced with lightning of the lamp by Shri Surjit Kumar Jyani, Hon. Minister of Health & Family Welfare, Govt. of Punjab, India and other dignitaries followed by Saraswati Vandana, felicitation and welcome address by S. Satnam Singh Sandhu, Chairman, CGC, Inaugural address and Presidential address by S. Rashpal Singh Dhaliwal, President, CGC and Prof. (Dr.) Vikas Singh, Campus Director, CGC respectively. The key note address was delivered by Prof. (Dr.) Harpal S. Buttar, Adjunct Professor, University of Ottawa, Ottawa, Canada and the annual report of society was presented by Dr. Upendra Nagaich, Secretary, Society of Pharmaceutical Education & Research [SPER] & Co-ordinator, Amity Institute of Pharmacy, Amity University, Noida. Mr. T. C. Kansal, Managing Director, Crystal Pharmaceuticals, Ambala was the guest of honor for the conference and

he has shared his critical views for the growth of pharmaceutical industry and the role of govt. for the development of pharma industry in the country.

Shri Surjit Kumar Jyani, Hon. Minister of Health & Family Welfare, Govt. of Punjab emphasized on the importance of public health care and hygiene. He shared in this talk about the various strategies developed by Punjab govt. for the betterment of public health.

Dr. Upendra Nagaich, Convener, SPER 5th Annual International Conference & Exhibition [SPER 2016] presented the annual report of SPER and introduced the delegates about SPER and various activities carried out by it across the country throughout the year. Dr. Nagaich shared with delegates about the Dr. Harpal S. Buttar Best Research Scholar Award constituted by the society to recognize the significant contribution by the young research scholars in the field. Dr. Harpal S. Buttar best research scholar award will include the certificate, memento and cash prize of INR 5000. Moreover, he also shared the information regarding various privileges, grants and scholarships given to the students every year from SPER and about various awards given to the eminent persons and SPER life members every year i.e., Mrs. Sudha Nagaich Memorial Award, SPER Fellowship Award, SPER Eminent Teacher Award, Principal of the year, Young Scientist, Innovative Researcher, Young Teacher, Young Talent, Best Student for UG, PG, Ph.D. Scholar and SPER Women Forum awards.

Dr. Upendra Nagaich extended his deep sense of gratitude towards Mr. Rajiv Kothiwal, Honourable Chancellor, IFTM University; Moradabad & Prof. (Dr.) R. M. Dubey, worthy Vice-Chancellor, IFTM University, Moradabad for supporting SPER wholeheartedly and extending their support as and when needed by the society.

Dr. Nagaich welcomed the Honorable chief guest and guest of honors with floral bouquets. The abstract book was released by chief guest and other dignitaries.

The conference was in collaboration with Chandigarh College of Pharmacy, Landran and Journal of Advanced Pharmaceutical Technology & Research (JAPTR) [The official Research Publication of SPER], along with IFTM University, Moradabad [Uttar Pradesh] as Knowledge Partner and supported by APTI, Bangalore, IPGA, New Delhi, IHPA, New Delhi and Society of Pharmacognosy, Bhopal and industry partner Dolphine, Mumbai and HPMA, Haryana and Media Partner Pharma Pramarsh, Rohtak and SPER Times and Exhibition partner Select Biosciences, Chandigarh.

Dr. Upendra Nagaich also highlighted the progress of Journal of Advanced Pharmaceutical Technology & Research [JAPTR]. The journal is indexed with Emerging Source Citation Index [ESCI], Web of Science [Thomson Reuters], CAB Abstracts, Caspur, Chemical Abstracts, CNKI (China National Knowledge Infrastructure), DOAJ, EBSCO Publishing's Electronic Databases, Excerpta Medica / EMBASE, Expanded Academic ASAP, Genamics JournalSeek, Global Health, Google Scholar, Health & Wellness Research Center, Health Reference Center Academic, Index Copernicus, Indian Science Abstracts, National Science Library, OpenJGate, PrimoCentral, ProQuest, PubMed, Pubmed Central, Scimago Journal Ranking, SCOLOAR, SCOPUS, SIIC databases, Summon by Serial Solutions and Ulrich's International Periodical Directory.

Dr. Nagaich has discussed in detail regarding the privileges extended for the life members of Society of Pharmaceutical Education & Research [SPER] in the article processing charges (APC) for publication in Journal of Advanced Pharmaceutical Technology & Research [JAPTR].

Overwhelming response was received for the conference and more than 600 delegates has participated in the conference across the country. More than 200 participants have presented posters of their research work in different tracks. All posters were judged by learned judges invited from various academic organizations and Pharmaceutical Industries.

The various scientific lectures were delivered by eminent personalities from academics as well as industry. The key speakers for this conference were Prof. (Dr.) Harpal S. Buttar School of Medicine, University of Ottawa, Ontario, Canada, Dr. P. Visen, University of Toronto, Canada, Dr. Sukhwinder K. Bhullar, Bursa Technical University, Bursa, Turkey, Prof. (Dr.) Madhu Khullar, PGIMER, Chandigarh, India, Dr. M. V. Jagannadham Sr. Principal Scientist, CSIR, Hyderabad, India, Mr. A P Gupta, Director Technical, Astam Healthcare Pvt. Ltd., Baddi, India etc.

This two days international conference was basically highlighted the comprehending vital role of pharmacy and medicine in health and healing. It aims to impart a scientific basis for the integration of pharmacy and medicine to facilitate practice preventive and therapeutic medicine. This conference also offers a characteristic prospect for pharmacists and other relevant health care professional across the globe to assemble, interact, and discuss their ideas about pharmacy and medicine.

The conference offered the unique platform for interaction with the eminent academicians, research persons, and industry leaders. It provided an open forum for the professionals of pharmaceutical research and academician to enrich their knowledge in the field of pharmaceutical education & research.

The first day concluded with the cultural events performed by the young students of Chandigarh College of Pharmacy, Landran.

The second day of the conference commenced with the scientific lectures of Dr. M. V. Jagannadham Sr. Principal Scientist, CSIR, Hyderabad,

India, Mr. A P Gupta, Director Technical, Astam Healthcare Pvt. Ltd., Baddi, India etc.

The valedictory function was inaugurated by Prof. (Dr.) S. H. Ansari, Jamia Hamdard, New Delhi, Dr. Upendra Nagaich, Secretary, Society of Pharmaceutical Education & Research [SPER], Prof. (Dr.) Upendra K. Jain, Director, Chandigarh College of Pharmacy, Landran, Prof. (Dr.) Vikas Singh, Campus Director, CGC, Landran.

During the conference, Prof. (Dr.) A. K. Ghosh, IFTM University, Moradabad was honored with 'Mrs. Sudha Nagaich Memorial Award' for his immerse contributions towards the upliftment of pharmacy profession.

SPER Fellowship award were conferred upon Dr. Harpal Singh Buttar, University of Ottawa, Canada and Prof. (Dr.) Ranjit Singh, Shobhit University, Meerut for their active involvement and contribution in the various activities of SPER throughout the year.

SPER Eminent Teacher Award was conferred upon Prof. (Dr.) P. M. S. Bedi, Guru Nanak Dev University, Amritsar for the outstanding contribution in the field of pharmaceutical education.

SPER Principal of the year Award were conferred upon Prof. (Dr.) G. D. Gupta, Director, ASBASJSM College of Pharmacy, Bela & Prof. (Dr.) Upendra Kumar Jain, Director, Chandigarh College of Pharmacy, Landran for their outstanding contribution towards uplifting the standards of pharmaceutical education.

SPER Young Scientist Award were conferred upon Dr. Inderbir Singh, Chitkara University, Rajpura & Mr. Rahul Taneja, DST, Haryana.

SPER Innovative Researcher Award were conferred upon Dr. Vijaya Kumar Gampa, Principal, KGR Inst. of Tech. & Mgt., Hyderabad & Dr. Dilipkumar Pal, Guru Ghasidas Central Vishwavidyalaya, Bilaspur.

SPER Young Teacher Award were conferred upon Dr. Vinay Pandit, Laureate Institute of Pharmacy, Kangra & Mr. Niladery Shekhar Ghosh, Bahra University, Waknaghat.

SPER Young Talent Award were conferred upon Mr. Amrit Pal Singh, Guru Nanak Dev University, Amritsar & Mohd. Rageeb Mohd. Usman, Smt. S. S. Patil College of Pharmacy, Chopda.

Dr. Harpal S. Buttar Best Research Scholar Award was conferred upon Mr. Ashish Kumar, Amity Institute of Pharmacy, Amity University, Noida.

SPER Best Student Awards (Ph.D., PG, and UG) were conferred upon Mr. Rakesh Kumar Sindhu, Chitkara University, Rajpura, Ms. Sonali Sood, Laureate Institute of Pharmacy, Kangra, Mr. Siddhartha Mukherjee, Amity Institute of Pharmacy, Amity University, Noida, Mr. Raghav Dogra, Laureate Institute of Pharmacy, Kangra respectively.

SPER Women Forum-Eminent Teacher Award was conferred upon Dr. Sukhwinder Bhullar, Bursa Technical University, Bursa, Turkey, SPER Women Forum-Young Teacher Award was conferred upon Dr. Lakshmi T., Saveetha Dental College, Chenna,. SPER Women Forum-Innovative Researcher Award was conferred upon Ms. Gunjan Sharma, Amity Institute of Pharmacy, Amity University, Noida, SPER Women Forum-Young Scientist Award was conferred upon Mrs. Preeti Khush, Chandigarh College of Pharmacy, Landran and SPER Women Forum-Best Student Award was conferred upon Ms. Nidhi Sood, Laureate Institute of Pharmacy, Kangra.

SPER Best State Branch award was conferred upon Punjab State Branch for their continuous involvement and development of SPER in the state.

SPER Best Oral Presentation Awards were conferred upon Dr. Bhushankumar S. Sathe, Smt. S. S. Patil College of Pharmacy, Chopda and Dr. Reena Gupta, GLA University, Mathura.

To encourage and motivate the students 05 Best Poster Presentation Awards were given in each discipline by Prof. (Dr.) S. H. Ansari, Dr. Upendra Nagaich, Prof. (Dr.) Upendra K. Jain and Prof. (Dr.) Vikas Singh.

Prof. (Dr.) Upendra K. Jain, Chairman-Local Organizing Committee of the conference presented the vote of thanks.

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5th March, 2016

ADINA Group of Institutions, Sagar (M.P.) has been organized ADINA Young Scientist Award-2016 and DBT & MPCST sponsored National Symposium on "Molecular Modeling and Drug Discovery Research" on 5th March, 2016. The programme was inaugurated by the Chief Guest Prof. S. P. Vyas, Acting Vice-chancellor, Dr. H. S. Gour Central University, Sagar (M.P.) and special guests Prof. N. K. Jain, Professor Emeritus, RGPV, Bhopal (M.P.), Dr. Ashish Verma, Prof. D. K. Saraf, Dr. H. S. Gour Central University, Sagar (M.P.), Dr. Sarvesh Paliwal, Head of Pharmacy, Banasthali Vidyapeeth University, Banasthali (Rajasthan) and Dr. Davendra Verma & Dr. Vaibhav Nema, DAVV, Indore (M.P.). Subject's experts have delivered their lectures on molecular modeling in the National Symposium and around 300

participants including academicians, students etc. participated in the symposium. In ADINA Young Scientist Award-2016, around 70 research papers were presented by young scientists of various institutions across the country. Winner candidates were awarded with cash prize of Rs 11,000/-, trophy and certificate. The winner of Pharmaceutical and Medical Sciences was Dr. Udita Agarwal, Bhopal, Life Sciences and Biosciences was Dr. Deepa Payasi, Kurukshetra and Engineering Sciences was Mr. Brijendra Gupta, Surat. Group Director, Dr. Sunil K. Jain declared that every year Young Scientist Award will be organized by ADINA Group of Institutons on the occasion of National Science day. Chairman Shri Rajesh Jain, Managing Director Er. Shivangi Jain, Programme co-ordinators Dr. Ashish K. Jain, Dr. Prateek K. Jain, Dr. Rupesh K. Gautam, Dr. Alka Dubey ,CEO Er. Ashish Dubey and all faculty members & students were present in the programme.

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5th March 2016

Department of Pharmacology & Pharmacy Practice, Annamacharya College of Pharmacy, Rajampet, YSR Kadapa Dist, A.P., Organized a workshop on Skills & Career Developments in Pharmacy on 5th March 2016. The programme started with invocation and welcome speech by Dr. Chakka Gopinath, Principal, Annamacharya College of Pharmacy. He highlighted the importance of continuing education for updating the skills, competence & knowledge. He briefed the gathering about the role of Pharmacists in the Health Care System. He stated that the significance of life skills in professional developments of pharmacy students. Dr. T. Sreenivas, Associate Medical Director (Pharmacovigilance), Quintiles, Bangalore invited as chief guest and keynote speaker. He encouraged and motivated the students pharmacists to identify the new opportunities and challenges for pharmacy in a changing health sector context. He stated that the pharmacist shall address the needs of the society and individual patient. Dr. T.S. Mohamed Saleem Associate Professor & Head, also delivered a talk regarding scientific writing and various opportunities for Pharmacists. All the faculty members and students are very thankful to Management and Principal for granted permission to conduct this workshop. The Department faculty members and students have collectively put their efforts to make this program successful.

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8th March, 2016

On the eve of World Woman's Day, an invited lecture was organized by Kalyani Charitable Trust's R.G.Sapkal College of Pharmacy on 8th March 2016

Dr.R.B.Saudagar, Principal of R.G.Sapkal College of Pharmacy welcomed the gathering and highlighted the Role of woman's in the growth of society and nation.

In first lecture, Dr Hemant Ostwal,MD of Suyash Hospital,Nashik delivered a lecture on," Prevention of Chronic Disease." In his lecture he explained how to enhance positive energy and what is the importance of it with numbers of examples.

In second lecture delivered by Dr.Gouri Pimpralkar from Sahyadri Hospital, Nashik. In her lecture she focused on woman's health, Misunderstanding in the society related with woman's health and Impact of traditional rules on it.

Chairman and Managing Director of Sapkal Knowledge Hub Ravindra Sapkal ,Campus Director Prof A.K.Mansuri, Dr.V.J.Gaund, Principal of Late G.N.Sapkal Engineering college and Dr.S.B.Dhande, Director of K.R.Sapkal College of Management studies graced the occasion.

Staff Member took efforts for the success of the Programme.

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8th March, 2016

"Accept the challenges and convert them as opportunities in any field of science to solve them with self assessment, guidance and encouragement" said Dr. J. Ganapathi Bhat, Managing Director, Jeddu Ayurvedics, Vittal while delivering the keynote address in the inaugural function by

lighting the lamp of the National Conference on Herbal Drug Research-opportunities and challenges at Srinivas College of Pharmacy, Valachil, Mangalore in Association with Rajiv Gandhi University of Health Sciences, Bangalore & Indian Pharmaceutical Association, D.K District Local Branch, Mangalore on 8th March 2016.

Dr. A.R.Shabaraya Principal and Director, Srinivas College of Pharmacy and President, IPA, D.K.District Local Branch in his presidential remarks exhorted the delegates to make best use of the opportunities and gain valuable knowledge from experienced speakers of the day. Distinguished Guest and speaker Dr. Ravi Rao, Professor, Alva's Ayurvedic Medical College, Moodbidri advised the delegates to be adventurous in research to solve the problems in different angles.

Dr. U. Srinivasa, Professor, Srinivas College of Pharmacy welcomed the delegates and introduced the invited guests to the gathering. Chinmayi Upadhya & Ashwini Somayaji anchored the programme. Dr. E.V.S Subrahmanyam, Professor, Srinivas College of Pharmacy and Vice President, IPA, D.K.District Local Branch proposed vote of thanks. 120 delegates from Medical and Paramedical sciences attended the programme and presented their research work in oral and poster scientific sessions.

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9th March, 2016

The NSS unit of BLDEA's SSM College of Pharmacy and Research Centre, Vijaypur and Rotary Club of Bijapur North, Vijaypur has conducted "blood Donation Camp" on 09/03/2016 in association with Blood Bank, Shri. B.M.Patil, Medical College Hospital and Research center, Vijaypur. All the staff members, research scholars and students were actively participated in the event. More than 50 units of blood have been donated. The entire programme was coordinated by Mr. Nanjappaiah H M, NSS Program Officer, BLDEA's SSM COP & RC, Vijaypur.

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Department of Pharmacology, BLDEA's College of Pharmacy Vijayapura In Collaboration with NSS Unit BLDEA's COP and Rotary club of Bijapur-North, Vijaypur, visited and conducted Health awareness Camp

on "maintenance of Cleanliness and Hygiene" at Siddapur village of Vijapur taluk and district.

NSS Volunteers, Rotary members and faculty of Dept. of Pharamcology along with principal actively involved in the camp to make it grand success. This program was coordinated by Mr. Nanjappaiah H M, NSS program officer and Dr. Shivakumar Hugar, Prof. and HOD of Pharmacology, BLDEA's College of Pharmacy.

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10th - 11thMarch 2016

Nirmala College of Pharmacy (NCP), Muvattupuzha successfully organized a two day national seminar titled "Pharmaceutical education in professional perspective" on 10th and 11thMarch 2016. Around 400delegatesincluding students, research scholars and faculty from various institutions attended the seminar.

The principal of the college Dr.P.Perumal welcomed the resource persons and delegates. He addressed the gathering by emphasizing the requirement of a bridge course to fill the gap between current academic curriculum and industry as well as hospital expectations and the importance of organizing such seminars to exchange ideas for defining the future of healthcare and role of pharmacists. The Vicar General and Manager, Kothamangalam diocese Rev. Msgr. George Oliapuram presided over the function and stressed the importance of pharmacist as a part of healthcare system to have a compassionate attitude to help healing.

The inaugural ceremony commenced with lighting of the lamp by the Patron Bishop Emeritus His Excellency George Punnakkottil and pointed

out the significance of the pharmacy profession in the health care scenario and how the idea was mooted to start a new college of pharmacy by the Diocese.

Dr. P. K. Sudhir, Controller of examinations, Kerala University of Health Sciences , delivered the chief guest address and congratulated NCP for the good results in the final B.Pharm and for the excellent infrastructural facilities. He also stressed on the importance of conducting such workshops to uplift the profession to newer heights. Dr. K. Krishnakumar, Principal, St.James College of Pharmacy, Chalakudy felicitated the occasion. Mr. Shaji George, co-ordinator of the seminar, NCP, proposed the vote of thanks.

The scientific session started by 11.30am which was led by Mrs. Manju C.S., Assistant Professor, TD Medicalcollege, Alappuzha on the topic "Professional competence in pharmacy management". Mr. J. Jayaseelan, Chairman of Indian drug manufacturers association for Tamilnadu, Kerala & Pondicherry, led the afternoon session on the topic "Prospects and expectations of pharma industry".11thMarch, the second day of the seminar was started by Mr. Arun Menon, Manager, Project Leadership, Quintiles Research India Pvt.Ltd.Bangalore. "Clinical research career-a focus on core competence"was the topic. Dr. S.Sriram, Professor and HOD, College of Pharmacy SRIPMS, Coimbatore, delivered a seminar on the topic "Imbibing professionalism in pharmaceutical education". The last session was handled by Mr. John Joseph, chairman SPACE HR Solutions and JCI certified trainer on the topic "Social adaptation of pharmacy professionals".

The valedictory function commenced at 3.00pm with prayer. The Administrator of the college Rev. Fr. Jos Mathai Mailadiath delivered the welcome address. The Bishop of Kothamangalam Diocese, His Excellency George Madathikandathil delivered the valedictory address and congratulated the organisers for conducting the seminar in a successful way. The Bishop pointed out that the growth of Pharmaceutical industry in India is enormous and occupies about 90% of drugs used globally are manufactured in India. His Excellency distributed the certificates to the delegates. The programme was concluded with the vote of thanks.

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12th March, 2016

Association of Pharmacy Professionals (APP) Andhra Pradesh State Branch and IIHMR University, Jaipur, Rajasthan jointly organized National Symposium on 'Industry-Academia Interaction' on 12th March, 2016 at Hotel Grand Nagarjuna, Guntur, Andhra Pradesh. The theme of the symposium was 'Future of Pharmaceutical Industry vis a vis Pharmacy Education in India'. The occasion was graced by dignitaries like Dr. S. D. Gupta, President, IIHMR University; Dr. Rajiv Dahiya, President, Association of Pharmacy Professionals (APP) as Convener in

absentia; Dr. Suresh V. Chennupati, President, Association of Pharmacy Professionals (APP) Andhra Pradesh State Branch; Dr. T. V. Narayana, Vice-President, The Indian Pharmaceutical Association, Mumbai and Chairman of IPA Education Division; Brig. (Dr.) S. K. Puri and Dr. Nirmal Gurbani from IIHMR University; Dr. Nanduri Srinivas, Associate Professor, Department of Process Chemistry, NIPER, Hyderabad; Dr. Saurabh Kumar Banerjee, Organizing Secretary and Executive Member, APP Rajasthan State Branch. Scientific session was initiated with lecture of Mr. Bijender Vats, Director – Human Resources, MSD INDIA, who addressed the gathering on 'Winning in VUCA Times'. Scientific session was continued with lecture of Mr. Amitav Banerjee, Director – Marketing, Super Specialty, Dr. Reddy's Laboratories Limited, Hyderabad on the topic 'Opportunities and Challenges in Pharmaceutical Industry'. Another invited talk was given by Dr. K. V. Ramana Murthy, Professor, Department of Pharmaceutical Technology, A.U. College of Pharmaceutical Sciences, Andhra University, Visakhapatnam on topic 'Pharmacy Education in India: Strategies for Better Future in Pharmaceutical Industry'.

Symposium was attended and witnessed by principals of various pharmaceutical institutions viz. Dr. Ghanta Vijay Kumar, Principal, A.K.R.G. College of Pharmacy, Nallajerla; Prof. A. Prameela Rani, Principal, University College of Pharmaceutical Sciences, Acharya Nagarjuna University, Guntur; Dr. Jaya Raju, Principal, Adarsa College of Pharmacy, G. Kothapalli; Dr. I. Sudheer Babu, Principal, Sir CR Reddy College of Pharmaceutical Sciences, Eluru; Mr. A. Kishore Babu, Principal, DCRM Pharmacy College, Inkollu; Dr. Balagant Pavan Kumar, Principal, Gokul Krishna College of Pharmacy, Sullurpet; Dr. P. Rambabu, Principal, Nrk & Ksr Gupta college of Pharmacy, Tenali; Dr. S. Govindarajan, Principal, Hindu College of Pharmacy, Guntur; Dr. K.Venkata Ramana, Principal, ASN Pharmacy College, Tenali; Dr. Appa Rao, Principal, Victoria Pharmacy College, Guntur; Dr M. Prasad Rao, Principal, M.A.M. College of Pharmacy, Narasaraopet; Dr. J. N. Suresh Kumar, Principal, Narasaraopet Institute of Pharmaceutical Sciences, Narasaraopet; Dr. S. Vidyadhara, Principal, Chebrolu Hanuaiah Institute of Pharmaceutical Sciences, Guntur; Dr. N. Sreekanth, Principal, Koringa College of Pharmacy, Korangi; Dr. S.K. Abdul Rahaman, Principal, Nirmala Pharmacy College, Mangalagiri; Dr.

Praveen Srikumar, Principal, St. Marys Pharmacy College, Chebrolu; Dr. A. Lakshmana Rao, Principal, V.V. Institute of Pharmaceutical Science, Gudlavalleru; Dr. K. Padmalatha, Principal, Vijaya Institute of Pharmaceutical Sciences for Women, Vijayawada; Dr. S. Prasanna, Principal, M.L. Pharmacy College, Singarayakonda; Dr. K. S. Natraj, Professor, Vishnu Pharmacy College, Bhimavaram and Dr. S. Gananadhamu, Asst. Professor, NIPER, Hyderabad. During the valedictory function, certificates of appreciation were presented to Dr. S. D. Gupta, Dr. S. K. Puri, Dr. Nirmal Gurbani and Dr. Saurabh Kumar Banerjee by Dr. Suresh V. Chennupati, President, APP AP State Branch.

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19th March, 2016

Lakshmi Narain College of Pharmacy (LNCP), Bhopal (MP) organized one day national conference on March 19th, 2016 on "Emerging Trends in Development of Nanotechnology". Chief Guest Dr. Akhliesh K. Pandey, Chairman, Madhya Pradesh Private University Regulatory Commission and resource persons Dr.Umesh Gupta (Associate Professor, Central University of Rajasthan, Ajmer) Dr. Amit Jain (Head, Research & Development, IPCA lab. Ltd, Ratlam), Mr. Jai Narain Chuoksey (Chairman, LNCT Group), Mr. Anupam Chouksey (Secretary, LNCT Group) and Dr. Ashok Rai (OSD, LNCT Group) graced the inaugural function. Eminent speakers Dr. Umesh Gupta (Associate Professor, Central University of Rajasthan, Ajmer), Dr. Amit Jain Head Research & Development IPCA laboratory Ratlam), enlightened the delegates on various aspects of Nanotechnology and advancement in Novel Drug Delivery system.

About 70 delegates had participated from different parts of the country. Research scholars, UG and PG students presented their research and review in the form of poster presentation. The winners of poster competition were Miss Divya Thakur (Bhagyaudya Teerth College of pharmaceutical sciences, Sagar) (M. P.) bagged the first position: Mr. Rahul Sharma, LNCP Bhopal received Second Position; and Mr Vivek Shukla and Ms Yashvi Kesharwani, LNCP Bhopal received the third position while Miss Puja Kumari (Oriental college of Pharmacy), Miss Sana Khan (Bhagyaudya Teerth College of pharmaceutical sciences, Sagar), Mr. Manu Singhai and Miss Vamakshi Thaker (LNCP Bhopal) received the consolation prizes. The invited Guest of Valedictory Function Dr. Prateek K Jain, Professor, AIPS, Sagar & Mrs. Harshita Jain, Associate Professor, AIPS, Sagar and Principal LNCP Dr. A K Singhai distributed the prizes and certificates to the awardees. Organizing Secretary Dr. G K Saraogi proposed the vote of thanks. The programme was well received and appreciated by all.

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25th - 27th March, 2016

Krishna Teja Pharmacy College, Tirupathi organized a three day seminar, Pharma Fest 2K16 on "Innovative Research in Drug Discovery & Therapeutics on 25th - 27th of March 2016 in collaboration with Education Division – IPA, Mumbai, Around 800 delegates from various pharmacy colleges, Industries and hospitals in AP and other states took part in the deliberations. Experts from Industry, Universities and Research Organizations delivered lecturers on Theme.

The National Seminar was inaugurated on 25th march 2016 in Mahathi Auditorium by Dr.C.Sucharitha, Chariperson, Krishna Teja Educational Institutions, Tirupathi, Dr.C.Subramanyam, Chairman, Russh Hospital, Tirupathi, Dr.Rao Vadlamudi President, IPA, Mumbai, Dr.T.V.Narayana Chairman of IPA (Education Division) and Mr.T.B.Nair, Executive Secretary IPA, Mumbai. The Seminar was essentially focused on the issues related to current trends in Innovative Research in Drug Discovery and Therapeutics work.

Dr.C.Sucharitha, advised the Pharmacy students to regularly attend this sort of seminars to upgrade their knowledge on Innovative Research, Dr.C.Subramanyam has praised the role of Pharmacy Professionals in Innovative Research. Dr.Rao Vadlamudi emphasized Strengthening knowledge through research and reducing infections by new drugs. Dr.T.V.Narayana expressed the need for working together of pharmacy colleges and industries in specific Innovative Research. Mr.T.B.Nair enlighted about the importance and role of IPA in development of Pharmacy profession.The convenor, Dr.V.Jayasankar Reddy in his introductory remarks explained about events. Dr.P.Jayachandra Reddy, Principal stressed the importance of new drug invention. Dr.V.Prabhakaran enlightened the purpose of New Medicines.

Mr.Subodh Prilokar, Director, COLORCON, Asia Ltd, Mumbai in his keynote address highlighted the importance of 'Disruptive Innovation in Health Care'.

Dr.Rao Vadlamudi, Dr.Kaushik Desai, Global Pharma Tech, Bangalore, and Dr.Praveen, JSS. Ooty, gave lecturers on various topics related to theme. Placement Cell organized campus recruitment of final year students on 27th March with 12 pharmaceutical industries arrived from Bangalore, Chennai and Hyderabad, interviewed 320 candidates and selected 175 for jobs. Seminar ended with Valedictory Functions.

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30th March, 2016

Honourable Chief Minister of Uttar Pradesh, Sri Akhilesh Yadav inaugurated the Pharmacy College Saifai on 30th March, 2016 accompanied by Shri Shivpal Singh Yadav, the honourable cabinet Minister, Public Works Department, Shri Radhey Shyam Singh, State Minister, Medical Education and Brig (Dr.) T. Prabhakar, Director, UP Rural Institute of Medical Sciences & Research, Saifai and Prof. Devender Pathak, Principal Pharmacy College Saifai, UPRIMS & R, Saifai. The Chief Minister congratulated all the faculty members for joining the first Pharmacy College under the aegis of Government of Uttar Pradesh. During his address to the staff and students of the institution, the Chief Minister emphasized on providing the best health care, education and related facilities to everyone in the state. The principal of the institution, Prof (Dr.) Devender Pathak also assured that, in the near future, Pharmacy College Saifai will be a bench mark in Pharmacy Education.

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31st March 2016

Bharati Vidyapeeth, College of Pharmacy, Kolhapur (Maharashtra) Placement Cell had organized pool-campus interview Tata Consultancy Services, Mumbai for the post of Pharmacovigilence Management for M. Pharm.,students who will pass in 2016 of all pharmacy colleges affiliated to Shivaji University, Kolhapur of on 31st March 2016 at Bharati Vidyapeeth, College of Pharmacy, Kolhapur.

The inaugural function started with the recitation of the Saraswati Vandana, followed by the lamp lighting ceremony by the dignitaries on

the dais, TCS Managers Dr. Abhishekh Muttipwar, Mr. Sandip Acharya, Mr. Aaquib Khan, Dr. H. N. More (Principal and Chairman Board Of Studies, Shivaji University, Kolhapur), Dr. Anilkumar J. Shinde (Training and Placement Officer, Bharati Vidyapeeth College of Pharmacy, Kolhapur).

In this Campus Interview near about 120 students were enrolled for interview from Kolhapur, Sangli and Satara district region of 10 Pharmacy colleges, affiliated to Shivaji University, Kolhapur. In Aptitude Test total 51 students were selected for HR round, TR Round and Managerial round. In Final round finally 17 students were selected and immediately appointment order given to them. Selected students were placed in company in July 2016. The name of the students selected as follows, Walave Pritam Rajendra, Swami Siddayya Appayya, Patil Harshada Anandrao, Nadaf Shahin Shabbir, Bhandari Mayuri Suresh, Vitekari Vishal Balaso & Redekar Madhuri Prakash and all others.

The Campus interview was conducted by TCS team managers, Mr. Sandip Acharya, Dr. Abhishekh Muttipwar, Mr. Sandip Acharya, Mr. Aaquib Khan. This Campus Interview was co-ordinated by Dr. Anilkumar J Shinde (Associate Professor of Pharmaceutics & Training and Placement Officer). Dr. M.S. Bhatia (Vice- Principal), Dr. A.A. Hajare, Dr. N.R. Jadhav, Dr. Mrs. N.M. Bhatia, Dr. S.G. Killedar, Prof. R.J.Jarag, Dr.S.A. Pishwikar, Dr. F.A. Tamboli, Prof. U.S. Patil, Prof. D.V. Mahuli, Dr. P.B. Choudhari, Prof. R.P. Dhavale, Prof. D.T. Gaikwad, Prof. S.D. Jadhav, Dr. D.A. Bhagwat and all the faculty members and students were present on the occasion.

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Dear Members,

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Secretary APTI.

RAK Medical & Health Sciences University,
Ras Al Khaimah, UAE
February 29, 2016

Association of Pharmaceutical Teachers of India (APTI) in collaboration with RAK Medical & Health Sciences University (RAKMHSU) organized APTI-RAKMHSU International Convention on 29th February 2016. The convention was the combined effort of APTI, India and RAK College of Pharmaceutical Sciences, RAKMHSU, Ras al Khaimah, UAE. This was the first collaboration between APTI and RAKMHSU to promote and share the good teaching and learning practices in pharmacy education. The theme of the APTI-RAKMHSU International Convention was "Modern Trends in Pharmacy Education: Team Based Learning (TBL) & Institutional Research." The main objectives of the Convention were to provide focused and international standard materials to the participating delegates. The Convention sessions were used to describe the principle and process of conducting TBL and to explain the importance of institutional research and its role in quality education.

The conference was organized by RAKMHSU local organizing committee under the patronage of Dr. Gurumadhva Rao, Vice Chancellor, RAKMHSU and advisory board members Dr. B. G. Nagavi, Dean RAKCOPS, Dr. Padma G.M. Rao, Associate Dean, RAKCOPS and Dr. Mahesh D. Burande, President APTI, India. Dr. Bhoomendra Bhongade, Associate Professor, RAKCPS coordinated the International Convention local organizing committees. About 84 delegates from India and UAE registered for the convention of which 57 were from APTI India.

The day started with the delegate registration, welcome and the guided tour of the university. The convention was organized in four scientific presentation sessions, viz. essence of pharmacy education, team based learning, quality assurance and open session and poster session.

The convention started with National Anthem, followed by Quran recitation by Dr. Omer Sarheed, Associate Professor, RAKCOPS. The first scientific session was chaired by Dr. Amad Al Azzawi, Associate Professor, RAKCOPS and Dr. B. P. Nagori, Vice President, APTI. The first speaker Dr. Sathvik B. Sridhar, Associate Professor, RAKCOPS, gave an overview of the pharmacy institutions and curriculum in UAE with a special focus on RAKCOPS.

This was followed by the inauguration ceremony. Dr. G.M. Rao, Vice Chancellor, RAKMHSU delivered the welcome address. The convention was formally inaugurated by Dr. Yasser E. H. Al Nuaimi, Advisor, Ministry of Health, Pro Chancellor, RAKMHSU. Dr. Nuaimi welcomed the Indian delegates and appreciated RAKCOPS efforts to hold a convention where faculty from two different countries got an opportunity to interact at a common platform. Dr. Mahesh D. Burande, President, APTI, India addressed the gathering and expressed his gratitude for organizing the joint venture.

The inauguration ceremony was followed by distribution of mementos to the guests, APTI dignitaries, speakers, chairpersons of sessions, judges of poster evaluation and local organizing committee's members.

The first scientific session was continued with the presentation by Dr. Mahesh D. Burande, who has briefed about the pharmacy education and the associated challenges in India.

The second scientific session was chaired by Dr. Padma G. M. Rao and Dr. T. V. Narayana. Dr. Bhoomendra Bhongade, Associate Professor, RAKCOPS delivered an informative presentation on concepts and practice of TBL followed by a short video on practice of TBL in RAKCOPS, perception of faculty and students on TBL.

The third scientific session was chaired by Dr. Padma G. M Rao and Dr. R. S. Bhambar, Vice President APTI. The presentation on philosophy and process of internal quality assurance was delivered by Dr. Tamer Salam El-Marsafawy, Associate Dean, IRO, RAKMHSU. He overviewed the planning, designing and execution of IRO survey in RAKMHSU.

The last was the open session chaired by Dr. B. G. Nagavi and Dr. Shobha Rani R. Hiremath. This session discussed about possible collaborations in terms of faculty and student exchange, ethical issues etc. and was also used for question-answers.

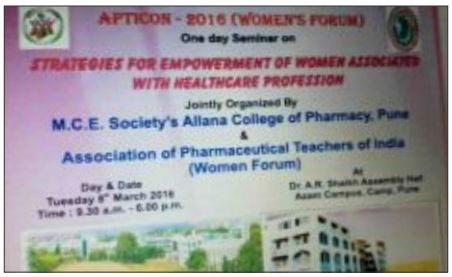
During the convention 27 posters were presented by the delegates from India and UAE based on the theme of good pharmacy education practices. The session was followed by the distribution of prizes for the best five posters.

Award	Poster code/Title of the Poster
First	Clinical Pharmacy Practice Experiential Educational Module at RAK College of Pharmaceutical Sciences, Ras Al Khaimah, U.A.E Author(s): Dr. Sathvik B. Sridhar & Dr. Padma G.M Rao
Second	Preparation of effective lesson plan Author(s): Dr. Vedigounder Murugan
Third	Academic Advising Approaches in RAK College of Pharmaceutical Sciences: Linking Theory with Practice Author(s): Dr. Areeg Anwar Ali,
Fourth	Course Portfolio – A tool for Teaching Excellence Author(s): Mr. Atiqulla Shariff & Dr. Padma G.M. Rao
Fifth	Lesson Plan: A guide for the teacher Umme Hani, Author(s): B.A. Vishwanath & Deeparani K. Urolagin

The convention concluded with a note for further collaborations between RAKMHSU and Indian Pharmacy colleges/universities in terms of pharmacy education, faculty/student exchange and need for adopting newer educational, teaching methodologies in pharmacy education.

APTICON 2016 (Womens Forum)

8th March 2016



MCE Society's Allana College of Pharmacy, Camp, Pune had organized One day National seminar APTICON 2016 (Women Forum) in collaboration with Association of Pharmacy Teachers of India on the theme, " Strategies for Empowerment of Women Associated with the Healthcare Profession" at Dr A. R. Shaikh Assembly hall, Azam campus, on Tuesday, 8th March 2016 for Women Professionals from Pharmacy, Medical, Paramedical streams. Nearly 200 participants from different pharmacy colleges attended the seminar. The programme was attended by the women teachers, entrepreneurs and researchers. Ms Susan Josi ,Managing Partner, Sorento Healthcare , Mumbai , one of India's leading Health &Wellness Consulting and Communication company graced the inaugural function as the Chief Guest, Mrs Abeda P Inamdar Vice President MCE Society presided over the function. Dr Kiran Bhise , Organising Secretary welcomed the guests. The office bearers of APTI Central Dr Mahesh Burande, Dr RS Bhamber, Dr Vandana Patravale, Dr Pravin Chaudhary, Dr Sohan Chitlange, and APTI MS Dr CD Upasani, Dr Anil Pethe , and the Office bearers of MCE Society Shri Latif Maqdum, Prof Irfan Shaikh and HGMAE trust Shri MA Peerbhoy were also present. The mind blowing interesting sessions were conducted by the speakers Dr Sanju Nanda , Dr Vandana Patravale , Dr Ranjana Obhan and Dr Gazala Mulla on the topics related to women safety, research funding, stress management and Hijamah therapy. A health check up camp was arranged by Wellness for ever chain. The selected delegates from IPR patenting, Pharma entrepreneurship shared their success stories.

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APTI is adopting all latest technology and mobile apps to reach its members in a most savvy manner. Let's move ahead of times. Your cooperation and contributions will help us grow further.

Thanking You.

Prof. B.G.Shivananda
Secretary- APTI

RAJAPTICON - 2016
11th and 12th March 2016

Alwar Pharmacy College organized the 2nd Convention of Association of Pharmaceutical Teachers of India, Rajasthan State Branch in the name and style of "RAJAPTICON-2016" on 11th and 12th March 2016. The theme of the convention was "Training for Pharmacy Teachers – Future Perspectives" and there were 1185 registered delegations for this convention excluding invitees, experts and guests.

The convention was inaugurated by Dr. M.D. Burande, President, APTI along with Dr. B.P. Nagori, Vice President, APTI, Dr. Indrajeet Singhvi, President, APTI – Rajasthan State Branch, Dr. Rajesh Asija and Dr. Rajesh Yadav, Vice President, APTI – Rajasthan State Branch, and Dr. V.K. Agarwal, Chairman, IET Group of Institutions along with Dr. Manju Agarwal, Executive Director, IET Group of Institutions. Dr. Indrajeet Singhvi, Convener welcomed all the delegates and guests, Dr. V.K. Agarwal, Chairman honoured all the dignitaries, Dr. M.D. Burande delivered the Key Note Address, Dr. G. Jeyabalan, LoC Chairman narrated the conference note, Dr. B.P. Nagori, Dr.V.K. Agarwal and Dr. Rajesh Asija delivered the special addresses and Dr. Rajesh Yadav proposed vote of thanks.

In the post-lunch session of the first day of the convention, there were three invited lectures by Dr. Rajesh Asija, Vice President, APTI – Rajasthan State Branch delivered Sh. Dinesh Sachdeva Memorial Lecture on "Rationale for training pharmacy teachers", Dr.S.S. Mudgal, Assistant Registrar, Rajasthan University of Health Sciences, Jaipur on "University purview on training pharmacy teachers" and Dr. Kamla Pathak, Head, Department of Pharmaceutics, Pharmacy College Saifai, UP on "Need for training Pharmacy Teachers to advance knowledge imparting to students and Methodology". Simultaneously, the delegates presented 146 posters as well as 8 selected oral presentations from among those. The first day program ended up with cultural extravaganza of the students of Alwar Pharmacy College.

The 2nd day of the convention gained the attention of all delegates by the gracious presence of Dr. B. Suresh, Hon'ble President, Pharmacy Council of India & Hon'ble Vice Chancellor, JSS University, Mysuru, who delivered the motivating Convention Address, and conferred prizes to the winners of Poster and Oral Presentation. Dr. B. Suresh, in his address, reinstated the necessity of training to the fresh teachers of Pharmacy and continuing education to the existing teachers for updating the knowledge and improving the skill of imparting Pharmaceutical Sciences. He also mentioned that the Practice knowledge is required for the students to meet the future requirement in the profession and his vision upon the pharmacy practice was elaborated to the delegates in his address. Dr. Muralikrishnan Dhanasekaran, Associate Professor, Auburn University, USA delivered the final invited talk on "Training for Pharmacy Teachers – New Methodology & Avenues" and overwhelmed the delegates by explaining the latest methods of Pharmacy teaching.

The last session was open to the delegates and Dr. B. Suresh, Dr. M.D. Burande and Dr. B.P. Nagori answered the queries of the delegates and guests on various issues of the profession as well as compiled the proceedings of the convention. Prof. Subhash Chandra Pant had been honoured with "Sh. Dinesh Sachdeva Memorial Life Time Achievement Award-2016" by the RAJAPTICON-2016 organizing committee. The valedictory ceremony was completed with National Anthem.

ACHIEVEMENTS

Professor Kuntal Das, Krupanidhi College of Pharmacy, Bangalore, conferred "Young Pharmacy Teacher Award-2016", by Association of Pharmacy Professionals (APP) and also delivered a guest lecture on "Importance of herbal drug standardization in order to rejuvenate drug drug and drug herbal food interactions" in Gokula Krishna College of Pharmacy, Sullurpet (AP), India, in 2nd Indo-Korean Conference, Theme on "Herbals and Pharmaceuticals: Pivotal issues and concerns", 30th March, 2016. He has published 53 research articles (Total impact factor = 21.87), 17 review articles, 6 book chapters and 4 text books in his 12 years professional carrier. He is life member of many professional bodies including APTI. He is an editor board member and reviewer for many national and International journals and recently received 1.5 Lakhs of research grant from Rajiv Gandhi University of Health Sciences, Bangalore for his research work.

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Research Scholar Hub (RSH), Gujarat honored Mr. Mayuresh K. Raut, Assistant Professor (Pharmaceutical Chemistry) Sinhgad Institute of Pharmaceutical Sciences, Lonavala with RSH-Eminent Teacher Award 2015 on 28th January 2016. Mr. Mayuresh Raut has 9 years of teaching & research experience. He has attended various national seminars. He has 8 international and 2 national publications to his credit in peer reviewed journals. He has presented around 30 research papers in various National Conferences and seminars. He has received research grants from BCUD Savitribai Phule Pune University worth 2.7 lakhs. He has authored two textbooks on Organic Chemistry viz. "Pharmaceutical Organic Chemistry-III & Pharmaceutical Organic Chemistry-IV" published by Everest Publishing House and one laboratory manual on Pharmaceutical Organic Chemistry published by Unicorn Publications. He has been nominated in Marquis Who's Who List 2012 (29th edition). He was awarded Summer Research Fellowship by Indian Academy of Sciences (IAS), Bangalore at IIT Mumbai. He is recipient of Sir Ratan Tata Scholarship. He is Life Member of APTI, RSH, SPER and APP.

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Gujarat Technological University Innovation Council has declared GIC i2i (Innovate to Impact) Award 2016 to recognize innovative projects of students across GTU affiliated colleges in Engineering, Polytechnic, Pharmacy, MCA, MBA and others. Innovations of past 3 years of GTU were awarded under this category.

In this category, 3 projects were shortlisted for award among 300 projects applied. The Team of Babaria Institute of Pharmacy, Vadodara got the first rank for their contribution in creating Novel carrier systems for targeted drug delivery in the treatment of Arthritis. The team members, Dr. Vandana B. Patel and Ms. Prachi Pandey, received award on 5th GTU Innovation Sankul day celebration organized on 14th February, 2016, at Ahmedabad.

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Dr. Chanchal Deep Kaur, Associate Professor and Vice Principal of Shri Rawatpura Sarkar Institute of Pharmacy Kumhari, Durg, Chhattisgarh, received Best Oral Research Paper Award for Oral Research Paper Presentation on "Solid lipid nanoparticles of Lopinavir vs Ajwain extract for lymphatic targeting" at SFEC 2016, 3rd International Congress Society for Ethnopharmacology, India "Ethnopharmacology & Evaluation of Medicinal Plants - Global Perspectives" organized by The National Center for Natural Resources (NCNR), Pt. Ravishankar Shukla University (PRSU), Raipur, The Society for Ethnopharmacology, India (SFE-India) during February 19-21, 2016. The Award was given by

Dr. Rudolf Bauer, Head of Department, Karl Franzens University of Graz, Austria. In this participants were all over from India and some from abroad. The prizes were given three for Oral and three for poster presentations. Prof. Swarnlata Saraf, Prof. Shailendra Saraf and all the faculty members of Pharmacy department of Pt. Ravi Shankar University and Shri Rawatpura Sarkar Group of Institutions Kumhari Congratulated her for the achievement. The Vice Chairman SRI Group of Institutions, Raipur Shri J.S. Upadhyay; the Executive Director of SRI Group of Institutions, Raipur, Shri Shekhar Kothari; the Director of SRI Kumhari Campus Shri Ashok Tiwari , Principal of Shri Rawatpura Sarkar Institute of Pharmacy, Kumhari and all the Staff members Congratulated and gave appreciations.

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Ph.D AWARDEES

Mr. Durgaprasad Kemisetti, Working as Asst Prof in Mother Teresa College of Pharmacy, N. F. C Nagar, Ghatkesar, Affiliated to Osmania University, Hyderabad, has been Awarded the Degree of Doctor of Philosophy (Ph.D) in Pharmaceutical Sciences by JNTUH, Kukatpally, Hyderabad, Telangana on 14th March 2016. The Research work was Entitled "Preparation of Prodrugs Of Some Nsaid Drugs and their *In vitro* and *In vivo* Evaluation" . The research work was carried out under the Supervision of Prof. M. SARANGAPANI, Professor, Department of Pharmaceutical Chemistry, University College of Pharmaceutical Sciences, Kakatiya University, Warangal, Telangana. He has 8 Years of Teaching Experience and Research Experience. He has Guided 24 Students of M. Pharmacy (Pharmaceutical Chemistry and Pharmaceutical Analysis and Quality Assurance). He has 4 Research Publications of his Ph.D work. He also attended many National and International Seminars, workshops conducted by A.I.C.T.E, also presented posters in National Seminars. He is a Life member of APTI (Association of Pharmacy Teachers of India).

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Mr. Sandeep Ravindra Kane has been awarded with the Degree of Doctor of Philosophy (Ph. D) in Pharmacy by Shri Jagdishprasad Jhabarmal Tibrewala University, Vidyanagari, Jhunjhunu, Rajasthan. Dr. Sandeep Kane has completed his research work entitled "Phytochemical and Pharmacological Investigation of Bioactive Constituents in

Extracts of Plants in Euphorbiaceae Family" under the guidance of Prof. Dr. Shashikant Vasant Bhandari, A. I. S. S. M.'s College of Pharmacy, Pune. Presently, Dr. Sandeep Kane is working as Assistant Professor in Department of Pharmaceutical Chemistry at Rajarambapu College of Pharmacy, Kasegaon Tal-Walwa Dist- Sangli. Dr. Sandeep Kane has more than 8 years of teaching and researchexperience. He has published 13 research publications in various National and International journals of repute. He has attended and presented his research work in several national and international seminars and conferences. He has filed one patent and has authored three books. He is life member of APTI. He deeply acknowledges Prof. Dr. Chandrakant S. Magdum, Principal, and Prof. Dr. Shrinivas K. Mohite, Vice Principal of Rajarambapu College of Pharmacy, Kasegaon and Hon. Shri. R. D. Sawant, Secretary, Kasegaon Education Society, Kasegaon for their moral support.

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Sandip Sen, of Agartala has awarded the degree of Doctor of Philosophy (Ph.D) by Jawaharla Neharu Technological University, Hyderabad on 28/03/2016 in faculty of Pharmaceutical Sciences. He was completed his research in the field of Pharmaceutical Chemistry. His discertation was entitled as "Characterization and biological evaluation of some newly synthesized furan and Pyrazole derivatives". He was completed his Ph.D under direct supervision of Dr. Biplab De, Associate Professor, Regional Institute of Pharmaceutical Science, Agartala, Tripura and co-supervision of Dr.T.S.Easwari , Professor & Director, IIMT College of Medical Sciences. He is currenlty working as Associate Professor in Department of Pharmacy, IIMT College of Medical Sciences, Meerut. He have total 8 years of teaching experience. He has published 16 Intenational and 4 National Publication in different reputed Journals. Along with this he also presented 16 nos of paper in different national and international seminar and conferences. His area of interest is Synthetic Chemistry, Medicinal Chemisty and Phyto chemistry. He was also guided 8 Postgraduate students in M.Pharma and 30 Under graduate sudents in differnt areas of Pharmaceutical Chemistry. He is also a life member of APTI.

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KUDOS

In the ranking declared by National Institutional Ranking Framework (NIRF), Ministry of Human Resource & Development, Govt. of India, Bharati Vidyapeeth College of Pharmacy, Kolhapur has been ranked 25th among all pharmacy institutions in India and 5th rank in Maharashtra state. Apart from Pune it is the only pharmacy college from western Maharashtra to secure place in National Ranking.

Govt. of India has launched NIRF under Ministry of Human Resource & Development in September 2015 for streamlining ranking process of universities & institutions. This framework outlines methodology to rank institutions across the country which is based on teaching, learning & resources, research & professional practices, graduation outcomes, outreach & inclusivity and perception. The first ranking (for 2016) was declared on 4th April 2016 in which Bharati Vidyapeeth College of Pharmacy, Kolhapur has secured 25th rank at national level and 5th rank at state level among all pharmacy institutions in India.

Principal Dr. H. N. More said this ranking is reward for Bharati Vidyapeeth College of Pharmacy, Kolhapur for its contribution in the field of education, research, sports & culture and towards well being of society under the valuable guidance of Hon. Dr. Patangrao Kadam, Founder, Bharati Vidyapeeth, Pune. This success is outcome of continuous support and stimulation by Hon. Dr. S. S. Kadam, Vice-chancellor, Bharati Vidyapeeth University Pune, Hon. Dr. Vishwajeet Kadam, Secretory, Bharati Vidyapeeth, Pune, and Hon. Dr. H. M. Kadam, Regional Director, Bharati Vidyapeeth, Pune. Further he added that this achievement is result of team efforts by teaching & nonteaching staff, students, alumni, industrialists and all Bharati family members. This college will definitely serve as excellent platform for the students of rural western region of Maharashtra who aspire bright career in pharmacy. This is heart touching & proud feeling moment for all Bharati family members. This has given us motivation to give further superlative input in research and social work.

Bharati Vidyapeeth College of Pharmacy, Kolhapur has been established under the dynamic leadership of Hon. Dr. Patangrao Kadam in 1996 and is approved by AICTE and Pharmacy Council of India, New Delhi. College is permanently affiliated to Shivaji University, Kolhapur and offers B. Pharmacy, M. Pharmacy (Pharm. Chem., Pharmaceutics and Quality Assurance) and Ph.D. courses in Pharmacy. Based on the academic excellence, research activities, overall infrastructure facilities, eminent faculty etc., the college has been accorded the status of Lead Pharmacy College by Shivaji University, Kolhapur, 2(f) & 12(B) status by UGC, New Delhi, and Accreditation by NBA, New Delhi. The college has grabbed research funding of almost one crore rupees from AICTE, UGC, CSIR etc. More than 400 research papers have been published in various national and international journals and almost 15 patent applications have been registered.

Every year Training and placement cell of college organizes pool campus interviews of renowned pharmaceutical companies for students of all pharmacy colleges affiliated to Shivaji University. Through these campus interviews 100% recruitment is done at different posts in various pharmaceutical companies like Tata consultancy Services, Macloid Pharma, Abbott, Encube Ethicals, Sun Pharma etc.

Also, various social service activities like blood testing; blood donation camps; health awareness camps for women, adolescent girls, and elder ones; swachh bharat abhiyan; tree plantation; save girl child abhiyan; guidance for rational use of medicines etc. are conducted every year.

Principal Dr. H. N. More, Vice-Principal Dr. M. S. Bhatia, NIRF coordinator Dr. A. A. Hajare, all teaching & nonteaching staff members and students were congratulated by Hon. Dr. S. S. Kadam, Vice-chancellor, Bharati Vidyapeeth University Pune, Hon. Dr. Vishwajeet Kadam, Secretory Bharati Vidyapeeth, Pune and Hon. Dr. H. M. Kadam, Regional Director, Bharati Vidyapeeth, Pune.

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Pune District Education Association's Seth Govind Raghunath Sable College of Pharmacy, Saswad received 'Best College Award' in Rural and Professional college category by Savitribai Phule Pune University (SPPU), Pune. The award was conferred on at the auspicious hands of Dr. Wasudev Gade, Vice Chancellor of SPPU on 67th Foundation Day

Ceremony on 10th Feb. 2016. Hon. Smt. Pratibhatai Patil, former President of India graced the occasion as the chief guest. The award was received by Hon. Shri. Sandeep Kadam, Hon. Secretary, PDEA, Hon. Shri. A. M. Jadhav, Joint Secretary-Admin, PDEA, Dr. M. G. Chaskar, Asst joint Secretary, Dr. Amol Goje, Principal Dr. Ashok Bhosale, Prof. V. C. Balurgi (Prin. Diploma), Dr. R. Y. Patil, Dr. Meenakshi Deodhar, Vice Principal, Teaching and non teaching staff of the college.

The college was established in the year 1993 under the aegis of Pune District Education Association, Pune with the motto of providing higher education to the rural masses. At present, the college offers B. Pharm. M. Pharm. and Ph. D. degrees under SPPU, Pune. Since its inception, the college has the tradition of excellent results in academics. Ms. Nikita Takawale secured second rank in the merit of B. Pharm. examinations 2014-15 conducted by SPPU, Pune. The college is keen to conduct various student centric activities for the overall development of its students. The rallies are conducted every year for creating awareness about the health related aspects amongst the society. The state and National level seminars/ workshops are arranged in the college regularly. The street plays, social issues like drugs addiction, female foeticide, farmers' suicide, women empowerment, health & safety of women are exhibited by the students in NSS and cultural programs. The college also implements Earn & learn scheme through Board of students Welfare of SPPU, Pune. The faculty has national and international research papers published in the scientific journals and presented in the conferences. The college has been accredited by NAAC for its quality initiation and sustenance.

The Principal, Vice Principal, teaching and non teaching staff and students were congratulated by Hon. Shri Ajitdada Pawar, Ex Deputy Chief Minister of Maharashtra and President, Pune District Education Association (PDEA), Pune, Hon. Shri. Sandeep Kadam, Hon. Secretary, PDEA, Hon. Shri. Rajendra Ghadage, President's Representative, PDEA, Hon. Adv Mohanrao Deshamukh, Treasurer, PDEA, Hon. Shri. P. E. Kulkarni, PDEA, Asst Secretary, PDEA, Hon. Shri. A. M. Jadhav, Joint Secretary-Admin, PDEA, Dr. M. G. Chaskar, Asst joint Secretary and respected citizens of Saswad for receiving this prestigious award.

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APTI Members are invited to contribute for the collectors Album and the Continuing Education sections of the APTI Bulletin. Kindly send your write ups and the collection to be shared by all the Members at aptienquiry@gmail.com, or dangraman2000@yahoo.co.in.

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COLLECTOR'S ALBUM

Otto Heinrich Warburg
(8th October 1883 - 1st August 1970)

He received Nobel Prize in 1931
"for his discovery of the nature and mode of action of the respiratory enzyme"

Contributed by
Dr. Kuntal Das
Assoc. Prof.
Krupanidhi College of Pharmacy
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Bioluminescence- An incredible God Gift to the Natural Living Organisms

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Abstract

Bioluminescence is a type of chemiluminescence where light is produced and emitted by the chemical reaction. This reaction generally takes place inside the living organisms that are widely found in the aquatic environment. The reaction mainly occurs between the luciferin and luciferase interaction. Luciferin is the compound that actually produces light with the reaction of an enzyme called luciferase. Depends on taxa, bioluminescence has several functions viz. defensive functions, counter illumination, misdirection, distractive body parts, offensive functions, mate attraction and recognition. Generally bioluminescence is used in microbial contaminations, biomass estimation and clinical research and in genetic engineering.

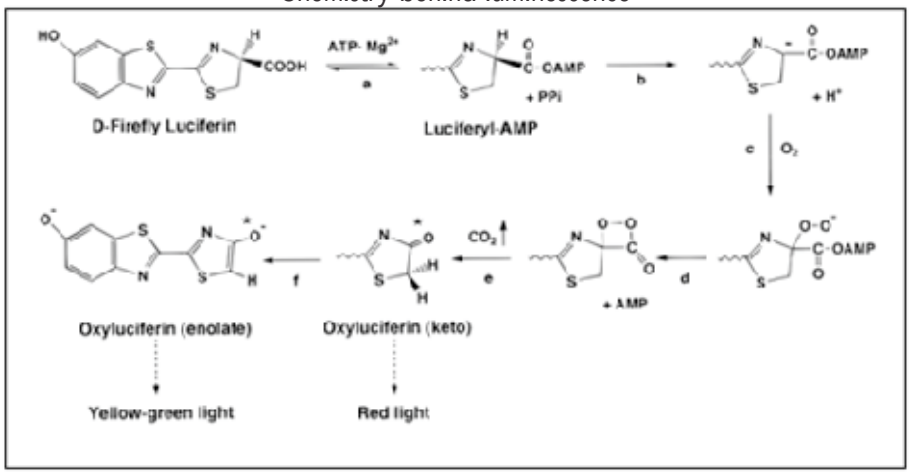
Introduction

Bioluminescence is the production and emission of light by a living organism. The characteristics of luminous organisms were first reported by the Greeks and Romans. Aristotle (384-322 BC) described 180 marine species and was the first to recognize bioluminescence is cold light[1] which is less than 20% of the light generates thermal radiation. Bioluminescent organisms are mainly found in the aquatic places likely in ocean. These bioluminescent marine species are vertebrates and invertebrates include fish, bacteria and jellies. Some bioluminescent organisms that are found in land are fireflies and fungi which are abundantly found in India and China. The first book devoted to bioluminescence and chemiluminescence was published in 1555 by Conrad Gesner. The first luciferin was isolated in 1956[2]. The first photoprotein to be isolated was the calcium-activated photoprotein aequorin in the 1960's[3]. Thereafter, in 20th century, E. Newton Harvey (1887-1959) was first reported luciferin-luciferase system in all luminous organism[4]. The luciferase is also found in dinoflagellates which are green chemical chlorophyll found in plants.

Chemistry:

Luciferin and either luciferase or photoprotein are the main two unique compounds that results the emission of the luminescence in the chemical reaction. The reaction mainly occurs in the presence of enzyme i.e. luciferase that assisted by some protein molecules like aequorin. Actually luciferin is the compound that produces light and in the reaction it is acts as the substrate. After reaction, the bioluminescent produce different colors like yellow in fireflies, greenish in lantern fish etc and that all depends on the arrangement of luciferin molecules. Some bioluminescent organisms produce luciferin on their own like Dinoflagellates (bluish-green color). They are tiny marine organisms sometimes cause the surface of the ocean to sparkle at night[5].

Chemistry behind luminescence



Simple steps for bioluminescence reaction:

Requirements:

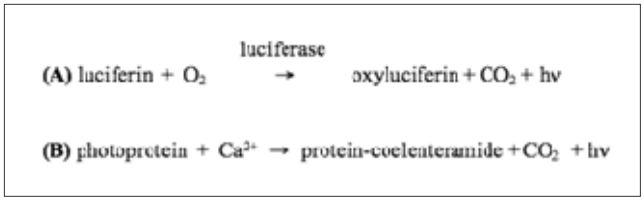
Enzyme (Luciferase), ATP (Energy), Substrate (Luciferin) and Oxygen

Reaction:

ATP (Energy) + Luciferin (Substrate) + Luciferase (Enzyme) + Oxygen = Oxyluciferin

Photon (Light energy)

But some reactions, enzyme (luciferase) are also not involved where photoproteins are reacts. These photoproteins combine with luciferins, oxygen and an ion of the element calcium, to produce light. Photoproteins were first studied in bioluminescent crystal jellies found off the west coast of North America. The photoprotein in crystal jellies is called "green fluorescent protein" or GFP[5].



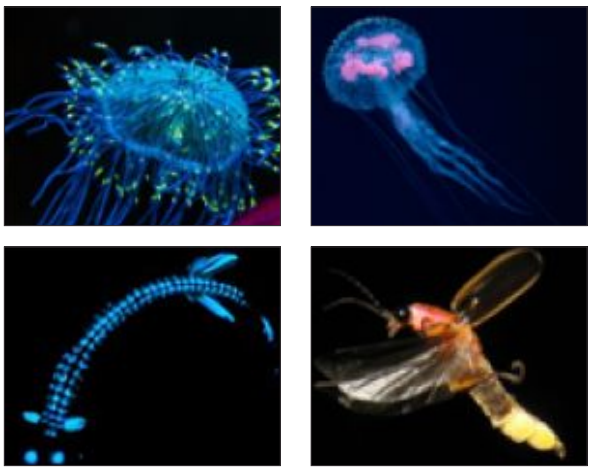
Classification:

1. Symbiotic: light producing symbiotic bacteria like squids, deep sea teleost fishes.
2. Extra cellular: marine invertibrates, light producing organ in the form of extra cellular, multicellular glands discharge their secretions into exterior.
3. Intracellular: Cephalapods, fishes, noctiluca milaris etc.

Applications:

1. Used to study the effects of drugs, narcotics, temperature, pressure and pH on living systems.
2. Serve as the basis of bioassay methods for the quantitative determination of ATP, free intracellular calcium etc.
3. Space research to explore the existence of life forms from mars or other planets.
4. Medical research- injections of luciferin and luciferase exhibit different reactions in normal and cancerous cells. It is also used in study heart ailments, muscular dystrophy, urological problems etc.
5. Pest management- used as a tool for mapping the distribution patterns of organism
6. Fluorescent marker gene- widely used in genetic engineering as reporter genes which is helpful for production of transgenic plant.
7. Clinical research- assessing the effect of antibiotics on microbial growth, effect of various drugs on mammalian cells.

Some images of organisms that emmits luminascence:



Conclusion

The present article endow the bioluminescence, a natural light emission mechanism by living organisms that abundantly distributed from marine to terrestrial environment. It plays a vital role in ecological balance. This multiple group of natural organisms has grabbed attention to the researchers all over the world with their versatile applications and therefore they could be used as potential biosensing elements use to develop an on-site pollution monitoring sensor for drug discovery.

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