Dear APTI Members,

APTI Headquarters has been changed to 620/D, 35th Cross, 2nd Block, Between ESI Hospital and RTO Office, Rajajinagar, Bengaluru - 560 010. Please send your queries to our new address.

APTI's Teachers training is round the corner starting from 6th February. It is a three month module with three contact sessions and remaining online. The specialization chosen this time are Pharmaceutics and Pharmacology. The Rajiv Gandhi University has come forward to majorly sponsor the mega exercise. This help teachers to be sensitized in the various teaching methodologies and techniques.

APTI's KMHSU Convention on 29th February in Ras Al Khaimah, UAE is another milestone after APTI MESMAP at Anthalya, Turkey. APTI is taking all possible steps to make it a mega event. Complete programme is planned so well that the members travelling will have the best of both, the convention and the sightseeing. The package is most reasonably worked out. Members can have a gala time.

Series of events are lined up to commemorate the Golden Jubilee. Women forum has a plan to make it special. A principals and Professors meet is planned at Nasik to critically evaluate the professional developments. APTI wants to contribute extensively for teachers welfare.

The APTI Manipal convention will be another event to look at. Top officials and our teachers will be attending and interacting on a single forum. Come October all roads will lead to Manipal. Keep visiting the APTI site. www.aptiindia.org for more updates and details.

Regular activities pertaining to IJPER, IJOPP, Bulletin are as routine. New books are being focused to publish. Ground work of the upcoming APTI's Teachers Training Centre in Bangalore is almost done. We need to move ahead and see its completion soon.

Wishing all the members a very happy and prosperous new year.

God Bless.

Prof. B.G. Shivananda
Secretary APTI

Prof. Raman Dang
Jt. Secretary APTI
K V S R Siddhartha College of Pharmaceutical Sciences (KVSRSOCP S), Vijayawada has conducted a “Two Day Workshop on Recent Trends in Experimental Pharmacology” during 11th and 12th September 2015. It was inaugurated on 11.09.2015 by Dr. Ch. V. Rao, Principal Scientist, National Botanical Research Institute (N BRI-C SIR), Lucknow and was presided by Dr. Chadalavada Nageswara Rao, Vice-President, Siddhartha Academy of General & Technical Education (S A G T E) and Convener of the Pharmacy College. In this, two-day programme guest lectures, demonstration of latest Experimental Skills and Poster Presentations were organized. Around 300 student delegates have participated in this workshop and gained thorough knowledge.

The following guest lectures were arranged:

1. “Pharmacological Screening of Drugs on Hypertension and IPR” - Dr. Ch. V. Rao, Principal Scientist, N BRI-C SIR, Lucknow.
3. “Alternative Models to the Animal Experimentation in Pharmacology” - Dr. Koduri Prasad, Principal, Sri Vishnu College of Pharmacy, Bhimavaram.

This workshop was coordinated by Dr. Devala Rao Gariapati, Principal and graced by Sri Nalluri Venkateswarlu, President, SA G T E, other members of Siddhartha Academy, workshop in charge Dr. Sri Reddy Challa and students.

13th September, 2015

The Association of Pharmaceutical Teachers of India (APTI) - O disha State Branch has organised an APTI - Sponsored Conference on “Pharmaceutical Education and Industrialization in O disha: Scope and Challenges” at Utkal University, P.G. Council Hall on 13th September 2015. The conference was aimed to refresh the minds of Pharmacy teachers and M. Pharm. students and to have a discussion on Pharmaceutical Education, Industrialization, its scope and challenges in Pharmacy profession. The conference was chaired by APTI- O disha State Branch President Dr. Ajan K. Mahapatra, the Hon’ble Vice-Chancellor, Utkal University, Prof. Ashok Kumar Das was inaugurated and blessed the Conference as Chief-Guest. Prof. P. N. M urthy, Advisor, APTI- O disha State Branch, Dr. Susanta Kumar Sahu, Chairman-LOC, Dr. Sudhir Kumar Sahoo, Secretary, APTI- OSB was chaired the inaugural session.

Six lectures were presented by different eminent persons in the field of Pharmacy in the conference. A lively and inspiring discussion was held to further improve the quality of Pharmacy education and to initiate the development of industrialization in state O disha. Welcome to the guests was done by Dr. Lopamudra Adhikari and vote of thanks was presented by Dr. Sagar Kumar Mishra.
Focused on the importance of pharmacist and described the evolution of pharmacy profession.

Mr. R. B. Joshi highlighted the role of regulatory authorities in pharma industry and explained various opportunities in government agencies. Mr. V. C. Shedge revealed various career opportunities for pharmacist in business sector. Mr. V. A. Jawadekar delivered lecture on “Review of Drug & Cosmetic Act, 1940 and Rules 1945”. The programme was concluded with vote of thanks by the co-ordinator of the program, Mr. Hemant A. Ranpise.

Pharmacist's day was celebrated on 25th September 2015 at G. Pulla Reddy College of Pharmacy, Mehdipatnam, Hyderabad. On this occasion the college has honored eminent pharmacist in recognition of his service to the society.

The programme was inaugurated by the Chief guest Dr. M. Venkat Reddy, Director, Hitech Institute for Pharma Training & Former Director, Drug Control Administration, A.P. and Guests of honor Mr. K. Radha Manohar, Assistant general manager, Care Hospitals, Nampally, Hyderabad and Mr. N. Peddi Raju, Manager Logistics, Care Hospitals, Nampally, Hyderabad. The Guest Pharmacist is Mr. R. Soma Shankar Reddy, Pharmacist, Care Hospitals, Nampally, Hyderabad.

Dr. B. M adhava Reddy, Principal welcomed the gathering and explained the theme of the day “Pharmacist: Your Partner in Healthcare”. Chief guest Dr. M. Venkata Reddy congratulated all the students for choosing pharmacy profession and motivated the students by making aware of increased opportunities in the field of pharmacy, Guest of honor Mr. K. Radha Manohar explained the role of pharmacist in hospitals and the ethics to be followed while practicing the profession of pharmacy. Later the guest pharmacist was felicitated with a shawl and memento by the chief guest Dr. M. Venkat Reddy and guest of honour M r. K. Radha Manohar. Dr. B. M adhava Reddy, presented mementos to Chief Guest and Guests of honor. The programme was attended by all Teaching, N on teaching staff and students of the college.

STES’s Sinhgad Student Council and N SS unit of Sinhgad College of Pharmacy, Vadgaon (BK), Pune - 411041 jointly celebrated “Pharmacist Day” on 24th September 2015, the eve of Pharmacist Day to be celebrated on 25th September 2015.

This function was inaugurated at the hands of M r. R. B. Joshi, Ex-Asistant Commissioner, FDA -M aharastra, M r. V. A. Jawadekar, I/c Joint Commissioner, FDA, M aharastra, M r. V. C. Shedge, Director, N idus Exim Pvt. Ltd., Pune and Dr. K. N. G ujar, Principal, Sinhgad College of Pharmacy. Dr. K. N. G ujar gave the opening remarks which focused on the importance of pharmacist and described the evolution of pharmacy profession.

Mr. R. B. Joshi highlighted the role of regulatory authorities in pharma industry and explained various opportunities in government agencies. Mr. V. C. Shedge revealed various career opportunities for pharmacist in business sector. Mr. V. A. Jawadekar delivered lecture on “Review of Drug & Cosmetic Act, 1940 and Rules 1945”. The programme was concluded with vote of thanks by the co-ordinator of the program, Mr. Hemant A. Ranpise.
25<sup>th</sup> September, 2015

On the eve of World Pharmacist's Day - 25th September 2015, NSS unit of Rajiv Memorial Education Society's College of Pharmacy, Gulbarga has organized Blood Donation Camp in association with Blood Bank, District Government Hospital, Gulbarga on 29/09/2015. On this occasion Dr. Ashok Malpani, Principal of the Institution has briefed about the benefits of donating blood. Staff and Students were actively participated and voluntarily donated the blood.

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25<sup>th</sup> September, 2015

On a sunny and bright morning of Saturday, 25<sup>th</sup> September 2015, eager and enthusiastic students of JSPM’s Jayawantrao Sawant College of Pharmacy & Research, Hadapsar, Pune organized a rally to mark the occasion of World Pharmacist's Day, 2015. This special day, now in its fifth year, was established by the International Pharmaceutical Federation (FIP), the global federation of national associations of Pharmacists and Pharmaceutical scientists. Students emphasized the theme for this year developed by FIP, “Pharmacist(s): Your partner(s) in health” by performing an insightful street play. The purpose of the rally was to generate awareness among the general public regarding the role of Pharmacists in valuable patient care. Post rally, the students got invigorated with the speech by Dr. Sanjay D. Sawant, Principal, Smt. Kashibai N avalle College of Pharmacy, Kondhwa, Pune who graced the occasion as the Chief Guest. Dr. Sanjay Sawant emphasized the importance of Pharmacists in healthcare today. Dr. V.I. Hukkeri, Principal, of JSPM’s Jayawantrao Sawant College of Pharmacy & Research, delivered the Presidential address and focused on the importance of this year's theme "Pharmacist(s): Your partner(s) in health. The event was carried out smoothly under the able guidance of Dr. V.A. Bugade, Campus Director, JSPM, Hadapsar, Pune.

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25<sup>th</sup> September, 2015

"Pharmacist: Your partner in health", the theme for this year’s World Pharmacists Day emphasizes a historic shift of the role of pharmacists as ‘pill-vendors’ to that of an integral member of the healthcare delivery system. To drive home this message to the public, a rally was organized by NGSM Institute of Pharmaceutical Sciences, Deralakatte, Mangalore on 25 September, 2015. The rally was flagged off by Smt. Geetha Kumari Das, Assistant Drugs Controller, M'dikeri. Speaking on the occasion, she said that World Pharmacists Day is an opportunity for pharmacists to rededicate their service to mankind to promote great health for all. Dr. S. Ramanand Shetty, Hon'ble Vice Chancellor, Nitte University, in his presidential remark appreciated the initiatives of the Pharmacy Council of India in catalyzing the transformation of pharmacist's role from industry centric to that of patient centric. Dr. C. S. Shastry, Principal of the college highlighted that the growing need of assistance by pharmacists' sought by the health care delivery system indicates that the pharmacists role is complementary to the medical profession and not in competition. M r. Pramod Hegde, Managing Director, Medorganics India Pvt. Ltd, and M r. Sadanand V. Shetty, Proprietor, Ganesh Medicals, Mangalore were the guests of honour. Dr. R. N arayana Charyulu, Vice Principal gave the welcome address and Dr. Jennifer Fernandes proposed the vote of thanks.

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25<sup>th</sup> September, 2015

Geetanjali Institute of Pharmacy, Getaanjali University, Udaipur has celebrated the World Pharmacists Day on 25<sup>th</sup> September, 2015. This year's theme is: "Pharmacist: Your partner in health". The programme started with invocation and welcome speech by Dr. A shok Dashora, Dean, Geetanjali Institute 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 mission of the pharmacy profession is to render services to the humanity. The public places great
trust in the knowledge, skill and professional judgment of the pharmacist and therefore the pharmacist needs to ensure high standards of professional conduct, up-to-date knowledge and professional competence. Since the Pharmaceutical sector in India is witnessing tremendous growth, issues of quality and effectiveness need to be urgently addressed.

He mentioned that whenever and wherever “Medicine” is discussed, whether in distribution and retailing of medicines in community or hospital pharmacy, manufacturing, quality, R&D, regulatory, academia etc. the pharmacists should be there. He emphasized the role of pharmacists in quality and rational use of medicines by way of patient counseling. He encouraged and motivated the students pharmacists to identify the new opportunities and challenges for pharmacy practice in a changing health sector context.

Dr. Dashora also emphasized that the pharmacist shall address the needs of the society and individual patient. Pharmacists can make a vital contribution to the patient care by counseling, providing drug information to doctors, nurses, monitoring drug therapy etc. In this way, pharmacists can play a very active role in health sector reform process.

Geetanjali Institute of Pharmacy has also organized blood donation camp at blood bank of Geetanjali Medical College and Campus, Udaipur. More than 200 students and staff donated the blood during this camp. The various literary and cultural events related to theme were also organized.

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25th September, 2015

Srinivas College of Pharmacy in association with Indian Pharmaceutical Association, Local branch, M angalore organized a function to mark “World Pharmacists Day” in Valachil Campus on 25.09.2015. Sri. M anohar S Shetty, M anaging Director, Sai Radha G roup which manages a chain of community Pharmacies in Udupi and M angalore, inaugurated by lighting the lamp. He highlighted the significance of Pharmacy profession in the society. Sri. Shankar N alk, A ssst. D rugs C ontroller, Sri. D hananjay H , D rugs Inspector also spoke on this occasion.

Hospital, Community Pharmacists, other Pharma professionals and executive committee members of IPA local branch, M angalore. Sri A bid H ussain and Sri B A nand Bhat were Present.

Shri Sadanand V Shetty, M anaging Partner, G anesh M edicals, Kankanady, M angalore was felicitated in recognition of his services in community Pharmacy.

Dr. A. R. Shabaraya, Principal & D irector, Srinivas College of Pharmacy and also President, IPA, local branch, M angalore explained the relevance of Indian Pharmaceutical Association role of Pharmacists as an important health care professionals. He has exhorted all the students to take active part in promoting the professional activities, highlighting the profession of P harmacy.

On this occasion the staff and students of Srinivas College of Pharmacy have felicitated Dr. A. R. Shabaraya and Dr. E. V. S Subrahmanya for being elected unanimously as President and V ice-President of IPA , L ocal B ranch, M angalore. First issue of P harmacy Practice N ews letter and new issue of P harmacy C ollege bulletin was released.

Dr. E. V. S Subrahmanya, Professor, Srinivas College of Pharmacy has welcomed the gathering. M s. C hinmayi anchored the programme. M r. A bhishek N , P resident, S tudents C ouncil of Srinivas college of Pharmacy proposed vote of thanks. M r. S ripathy D has coordinated the proceedings.

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26th September, 2015

United Institute of Pharmacy, N ainital, A llahabad celebrated Pharmacist day Celebrations on the theme “P harmacist: Your partners in health” on
26th September 2015. The program was started in the seminar hall of United Institute of Pharmacy with lightening of lamp and Ganesh Vandana. Dr. Alok Mukerjee, Principal, UIP welcomed the gathering. Seminar hall was full of enthusiastic pharmacy students of all the years. Dr. Mukerjee highlighted the origin of Pharmacy in India and the need for pharmacist to play a greater role in the society and gives emphasis on role of students as pharmacist to make aware the public towards prescription medicines. He highlighted some historical aspects of pharmacist day. He not only encouraged the pharmacy students but also took commitment from them to give a better service to the society. On this occasion, Apron were also distributed to first year B. Pharm. Students and make them understand the value of it. Dr. M ukherjee has a vision of healthy India and so do his students. A clear message has been imparted today to all the pharmacy students that what they can and how they can contribute towards society, being a real and professional pharmacist.

Dr. Shanti Bhushan Mishra had given a presentation on “Dengue fever” on this occasion. He gave the detail presentation on it and encouraged students to spread awareness about the dengue and its remedy. All the students actively participated and taken pharmacist Oath with all the faculty members. Whole function was coordinated by faculty members of United Institute of Pharmacy.

After the presentation all the students were taken to the other UGI Institutes and hostel to spread such awareness and a free health checkup by the pharmacy students. More than 150 students took part in the camp organized by the pharmacy students under the guidance of faculty members. The camp received immense support from the College Management. UGI is proud to support such a noble cause thereby helping in creating awareness of the role that individuals can play in saving and improving human lives.

Dr. Alok Mukerjee, Principal UIP said, “I am happy that I am part of this noble cause, and I am so over whelmed to see the participation of my students, I am really proud of them. I have made a promise to myself that I would always take such initiatives of organizing such camps in the campus again and again.”

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26th September, 2015

The spirit of sportsmanship in Kabaddi which has become an iconic play in present era, a constant practice makes one to reach the top and by appreciating the participants of different teams all over Karnataka (Mysore Zone) Former National Level Kabaddi Player, Sri Shashidhar Mani, Physical Education Director, Ganapathy Pre-University College, Mangalore inaugurated Rajiv Gandhi University of Health Sciences, Bangalore Inter Collegiate Kabaddi Tournament 2015-16 on 26th September 2015 at Srinivas College of Pharmacy, Valachil, Campus.

Dr. A.R. Shabaraya, Principal & Director, Srinivas College of Pharmacy in his presidential remarks congratulated the participants for bringing the sports spirit to the ground. The sportsman is one who grows with leadership qualities, well planning, discipline and the one who does not lose patience, and does not get disappointed, these are preferred qualities for their industrial experience. He called upon the participants to compete with zeal, enthusiasm and encouraged them to develop spirit of sportsmanship. Dr. E.V.S Subrahmaniam, Professor, Srinivas College of Pharmacy and M. Rayachandra Physical Education Director, Srinivas Group of Colleges were present on this occasion.

Colleges of all discipline, Medical, Dental, Ayurveda, Pharmacy, Nursing, Physiotherapy were represented by their teams in the event.

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26th September, 2015

Rajiv Gandhi University of Health Sciences, Bangalore Mysore Zone Inter Collegiate Kabaddi Tournament concluded with valedictory function on 26th September 2015 at Srinivas College of Pharmacy, Valachil, M angalore. Chief Guest, Sri. Harish Gowda, Physical Education Director, A.J Medical College, M angalore distributed the trophies and certificates to the winners. The winners are Hassan Institute
Pharmacy colleges today face the challenge of carving out active professionals who are ready to take on the industry, just as they graduate from the institute. For this just the syllabus is not sufficient unless students are exposed to what is going in the industry these days. This thought brought in place the increasing need of seminars and competitions to encourage student for complete growth of their persona since last few years.

On the platform of H. K. Knowledge Base, two days long event started with very enthusiastic brain storming inter college competitions on 1st day (29th Sept. 2015) i.e. Scientific Day named “Tech-Crunch”. Competitions including model making, innovative product packaging, oral presentation, debate and quiz were organized at the H K College of Pharmacy campus and many students from other pharmacy colleges participated and enjoyed the events.

Event was followed by 7th National Seminar on (1st Oct. 2015) at topic “Recent Breakthrough Innovations in Pharmaceutical Research with Future Perspectives” with the gathering of renowned Industry professionals, Scientists and Professors as speakers for the event. In the seminar 74 poster entries from M umbai, Pune, and various other major places of Mahrashtra were selected for presentation.

Principal M adam, Dr. A. nubha Khale inaugurated event by talking about innovation and challenges in pharmaceutical research. She also emphasized on responsibilities of people in pharmaceutical sector in improving health of society as observed by records of last decades.

Dr. Sanjay Boldhane, A associate Director A bbott H healthcare Pvt. Ltd., M umbai graced us by his presence as honorable chief guest of the day. He enlightened students about marketing strategy followed in pharmaceutical industry also informed about R & D sector of industry. He ended with an important message to students that “Scientific understanding of syllabus is very much needed to grow in research and development (R&D) sector of industry”. Dr. G eeta Vanage, Scientist ‘F’ from N ational Institute of Reproductive H ealth, M umbai spoke on “Role of animals in bio-medical research” enlightened various benefits and guidelines for animal use in research. She also welcomed participants for research collaboration with her institute.

The day proceeded with the sessions on “Complexities in simplistic biomedical science” by Dr. J ayant Khandare, Professor M IT Institute of Pharmacy, Pune, keeping audience glued with his encouraging words for eminent scope of research field even with minimum investment. This was followed by “Role of cytochrome P450 system in drug discovery” by Dr. Krishna Iyer, Professor, B. C. P. M umbai in his own way of capturing students and delegates interest in drug designing. Dr. Praveen Z ade from Pharma. Evonik Pvt Ltd enlightened everyone on “Biodegradable Polymers for Advanced therapeutic application”. M r. A mit M odgi, Business H ead of Lab India Pvt. Ltd. talked on “ASTM Dissolution G uidelines and its A dvantages” enlightening audience about few other innovations in dissolution instruments & their advantages.

Event concluded with with prize distribution ceremony to all the winners, after vigorous multi-step evaluation of participants work. O ur evaluators were Dr. Sujata Sawarkar, from Bhanuben N anavali college of pharmacy, Dr. Vanita Kanase, from O riental college of pharmacy, Dr. A nil P eth, from N M IM S school of Pharmacy, Dr. Premila A mbre and Dr. A lka M ukne from Bombay college of Pharmacy. Based on matter Shuchi, A purva and group of Bharti Vidyapeeth bagged 1st prize for their poster entitled “Atmospheric Non-Thermal Plasma: An avenue to advancement”. Second prize went to H K College of Pharmacy - Jogeshwari M umbai student’s poster entitled (Electronic restoration of vision in post compartment chamber of eye) presented by Prabhuta and group. Third Prize was grabbed by H K College of Pharmacy student’s poster entitled (Identification and characterization of ginger components - Precursor for herbal formulation development) presented by M ishra Tripti and group. Consolation prize 1 went to H K College of Pharmacy student’s poster entitled (Sugar decorated mesoporous silica nanoparticles- a way to enhance the activities of Celastrol) presented by H imani and group.
Consolation Prize 2 went to HK College of Pharmacy student’s poster entitled (“Organ-on-a-chip” - a novel successful technique for drug testing) presented by Prathamesh Khot and group. Consolation Prize 3 went to Bharti Vidyapeeth student’s poster entitled (Study of pharmacodynamic interaction of Gymnema sylvestre and S itagliptin on Experimental rat model) presented by Swati and group.

30th September, 2015

Laureate Institute of Pharmacy, Kathog in collaboration with Dr. Rajendra Prasad Medical College & Hospital organized Blood Donation Camp on 30 Sept. 2015 at Laureate Institute Campus. This camp was inaugurated by Director of Laureate Education Group Dr. Ran Singh, Principal of LIPh Dr. M. S. A shawat and Medical Officer Dr. Vikas N ayyar. In this Blood Donation Camp All the students of Institute and nearby people actively participated. For this function the Institute Director Dr. Ran Singh congratulated the students and the team of Tanda Medical College. A lso, the Institute Principal Dr. M. S. A shawat and Dr. Vikas N ayyar said that every young people should donate the blood. This Donated blood save the life of many patients. A t the end of this programme the Institute Professor Dr. Vinay Pandit, Dean Prof. C.P. Kashyap and Dr. M anish Sinha appreciated and encouraged the organizers M iss A rchan Chaudhary, M r. A nkaj, M r. Shiv Kumar Kushwaha and M r. N itin G upta for future.

1st - 2nd October 2015

Sri A dichunchanagiri College of Pharmacy conducted two days National Intercollge Cultural Extravaganza – BG S G alma - 15 on 1st and 2nd October 2015 at BGS A uditorium BG N agara, where a total of 500 participants from 16 various colleges from different Institution located across from south India were participated in the programme.

On 1st October 2015, at 9:30 am the programme was inaugurated by S r. Nirmalananantha M haswamiji & M r. A run J anya, Leading Composer, M usic Director & Singer and S r. Shastry L N , Play Back Singer & M usic Director was the C hief G uest of the function and other dignitaries present on the occasion were Dr. Shivaramu, Principal, A IM S, Dr. M anohar T M , M edical Superintendent, A H & RC, Dr. B K N arendra, Principal, BGS IT, the judges were M r. C handan Shetty, M r. J agadish, M r. A nthony.

Dr. B. Ramesh, Principal, S r. A dichunchanagiri college of pharmacy welcomed the gathering. Immediately after inauguration the first event was started was Group Dance Traditional where different college participants enlighten different traditions all over the India. Evening after first day all events, judges gave their performance which was enjoyed by all the students and which make the event more successful and entertaining.

The second day event was started with Solo Dance Traditional. The event was continued up to 05.00 pm, after that valedictory programme was started which includes award ceremony, photo session of the participants, feedback of the participants and also from the faculty from different colleges who gave their presence during the event, certificates distribution & farewell to the G uest and J udges. M r. Ramesh Bhatt, renowned film & T V serial Kannada actor also gave his presence in valedictory function.

O verall C hampionship Trophy was won by J SS C ollege of Pharmacy, M ysore. Students from other college actively participated in the event. Volunteers from SACCPCollege were also involved in the event.

3rd October, 2015

N orth M aharashtra U niversity, J algaon sponsored O ne day N ational Level Seminar on “H erbal C osmetics- A Safe and E ffective A pproach” was organized P.S.G. V.P. M andal’s College of Pharmacy.
Shahada (NBA Acredited) to provide information and new ideas for future research activities on 3rd October 2015 at the College Campus.

The program was inaugurated by the chief guest Hon. Prof. (Dr.) P. G. Yeole, Pro-Vice Chancellor, R.S.T.M., Nagpur University and guest of honor Prof. (Dr.) M. D. Burande, President APTI, Prof. (Dr.) S. C. Pal, Professor, NDM V.P. college of Pharmacy, Nashik and Hon. Shri. Bapusaheb Dipakhbhai Patil, President, P.S.G.V.P. andal, Shahada. Principal Dr. S. P. Pawar, Introduce to the Mandals and our beloved President H on. Shri. Bapusaheb Dipakhbhai Patil gave blessings.

The inauguration programme was started by Prof. (Dr.) P. G. Yeole, and Hon. Shri. Bapusaheb Dipakhbhai Patil. Around 300 Students/research scholars/faculties from different universities actively participated in seminars. The key note address was given by Prof. (Dr.) P. G. Yeole. He discussed about common problems of pharmacy profession about higher education and also guided us scope of pharmacy in current scenario of pharma market. He differentiated traditional medicines and herbal drugs about its standardization and how it is useful in the world of Allopathy.

Prof. (Dr.) M. D. Burande had given the inspiration speech to students and research scholars. Prof. (Dr.) S. C. Pal has explained various techniques on Standardization of herbs in herbal cosmetics.

The teaching staffs and non teaching staff have collectively put their efforts under the leadership of chief Co-ordinator of programme Prof. Rajesh A. Ahirrao and Co-ordinator Mr. Vipul Jain to make this program successful.

NSS Unit of Srinivas College of Pharmacy in association with Indian Pharmaceutical Association, Dakshina Kannada District Local Branch Mangalore organized National Anti-Drug Addiction Day held on 3rd October 2015. Resource person, Dr. Animesh Gupta, Department of Community Medicine, Srinivas Institute of Medical Sciences & Research Centre, Mukka, Surathkal, shared the ill effects of tobacco use.

Dr. A.R. Babaraya Principal and President, IPA, Dakshina Kannada District Local Branch Mangalore in his presidential remarks called the students to make use of the information which helps during patient counseling.

Dr. EVS Subrahmanyam, Professor and Vice President, IPA, Dakshina Kannada District Local Branch Mangalore and NSS coordinator, Mr. Sripathy D were present during the function.

Dr. Karunakar Hegde, Associate Professor & Programme co-ordinator, Srinivas College of Pharmacy welcomed the gathering. Mr. Chinnmayi Upadhyya anchored the programme and Mr. Abhishek N, Student Council President proposed the vote of thanks.

The National Seminar on Community Pharmacy was organised on 11th October, 2015 in the Auditorium of Department of Pharmaceutical Sciences, Rashtrasant Tukadoji Maharaj Nagpur University in collaboration with Nagpur District Chemists and Druggists Association and Indian Pharmaceutical Association, Maharashtra. The Seminar was inaugurated by Dr. Hemant M onkar, President, IPA, Maharashtra. He stressed on the important issues related to Community Pharmacy and said that this Seminar will provide best platform to deal with all issues.

The other dignitaries present were Dr. Anand Shedge, Dr. Rakesh Tirpude, Shri Satish Shah, Dr. N. Sivaprasad, Shri Santosh Gondine, Shri Mohan Abhyankar, President, NDCDA, Shri Rajendra Kawadkar, Secretary, NDCDA. Dr. N. G. Aikwad, Head of the Department of Pharmaceutical Sciences delivered the introductory speech. Dr. A. Nand Shedge, Dr. M. Mo hank Kale, Shri. P. M. Ballal and Dr. Kamlesh Sonpure were the guest speaker for the Seminar on concerned topics. Dr. Rajesh U gale, Coordinator conducted the proceedings.
On the eve of National Breast Cancer awareness month (Pink October), Periyar College of Pharmaceutical Sciences, Trichy organized an invited lecture on 15 October 2015. Dr. T. Shri Vijaya Kirubha, Secretary, Periyar Health Club welcomed the gathering. Prof. Dr. R. Senthamarai, Principal delivered the presidential address. In her address she lamented the lack of awareness and ill effects of breast cancer in women. The Principal also highlighted that the programme has been rightly organized on the day of the birth anniversary of our Former President Dr. A.P.J. Abdul Kalam who had a vision for bringing down cancer mortality and incidence rate and to give an affordable and accessible diagnostic therapy and palliative care for cancer treatment. Dr. Sasipriya Govindaraj, Radiation Oncologist from Harshamitra Superspeciality Cancer Institute and Research Centre, Trichy delivered the awareness lecture on “Breast Cancer”. She stressed that Breast cancer is one of the second most common cancers among women in India. She explained the causes, risk factors and facts of breast cancer, cervical cancer and colorectal cancer with power point presentation. She also elaborated on Tobacco Cessation Clinic. Faculty and students of PCPS, teachers and staff from Periyar Centenary Educational Complex took part in the programme. Prof. Dr. A.M. Ismail, Dr. G. Krishnamoorthy, Vice Principal graced the occasion. M rs. A . Shameem, Joint Secretary, Periyar Health Club proposed vote of thanks.

AIDS awareness camp has been organized by Rajiv Memorial Education Society’s College of Pharmacy, Gulbarga in association with District AIDS prevention control office (DAPCO) at Uday Nagar, Gulbarga on the eve of “W O RLD A IDS D AY “. Principal Dr. A shok M alpani addressed the gathering about the A IDS A wareness and M rs Uttaradevi, Counselor, D A P C O , G ulbarga briefed about the A IDS and its prevention. She also informed about the free treatment and distribution of 1st line and 2nd line medicines by the G overnment. During the occasion staff and students participated.

A lleppe Educational Society (A E S) College of Pharmacy, Ambalapuzha, Kerala, organized a public awareness camp on World AIDS Day, in association with health inspector professionals. Dr. A nsree G S, Principal, College of Pharmacy, welcomed the gathering and described A IDS day theme of this year. M r. Purakkad Shamsudeen, Chairman of the society inaugurated the camp and detailed the importance of public awareness in preventing, spreading and various treatment of A IDS. Dr. Jithin, Principal, A ES Institute of Paramedical sciences, clarified various doubts of public in spreading and Anti-Retroviral Therapy (A RT) of A IDS. In connection with this, the health inspector professionals presented a colourful drama and an informative quiz competition to enhance the public awareness. A round 250 members utilized this awareness camp. The camp evoked a very good response by the local residents as well as public. M r. V i w a n a t h a P illai, A dministrative officer delivered the vote of thanks. Teaching, non-teaching staffs and students were actively participated to make this public awareness camp as a memorable one.

2 Days National Conference on Nanotechnology in Drug Delivery Research: Innovations, Challenges & Opportunities was organized by
Shobhaben Pratapbhai Patel School of Pharmacy & Technology Management, SVKM’S N M I M S Mumbai on 16th & 17th October 2015. The event was partially funded by Indian Council of Medical Research, New Delhi, Zyduz Healthcare, Ahmedabad, Intas Ahmedabad, Spinco Biotech, V J Instruments & Advent Biochem.

The inaugural function was attended by Dr. R.S. Gaud, Dr. Bala Prabhakar, Dr. Rajan Saxena, Vice Chancellor NMIMS University. Dr. Ahmed Kamal Project Director NIPER Hyderabad was chief guest of this event. Prof. Rinti Banerjee from IIT, M umbai has delivered a key note address. Scientific sessions were delivered by distinguished professors of Nano-science field, namely, Dr. Vavia from I C T, M umbai, Professor A N Mishra from M S U niversity Vadodara, Dr. V R Sinha from Punjab University, Dr. H assan from B A R C, M umbai, Prof. Khandare from M I T, Pune, Dr. J ayeeeta Bhaumik from N I P E R M ohali and Dr A sif Khan from Institute of Nano science and Technology, M ohali.

The two days conference witnessed participation of resource persons & 385 delegates from most of the states of India. Total 10 selected oral presentations and 85 posters were presented by the participants.

During Valedictory function Dr Bala Prabhakar, Convenor of the event concluded the conference, Dr. Prashant Kharkar presented report of scientific committee and declared prizes for the best oral & poster presentations. Dr. R.S. G aud handed over certificates & mementos to the winners. Dr. A nil Petho organized Secretary of the N C N D D R 2015 proposed the vote of thanks.

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24th - 25th October, 2015

The second Annual Conference of A ssociation of Pharmaceutical Teachers of India (A P T I) Haryana State Branch was held at M aharsi Dayanand University, Rohtak, on the theme “Future of Pharmacy Profession, Role of Pharmacy Teachers”. A round 800 delegates from different parts of the country participated in the conference. The conference was inaugurated by Prof. H. R. K. Singhla, Drug Controller, Haryana state on 24th and 25th October, 2015 in presence of Prof. M. aheesh Burande, President, A P T I as the G uest of H onor. The other dignitaries present on the dice were Prof. Sunita M alhotra, Dean A cademic Affairs, M aharsi Dayanand University, Rohtak, Prof. R. Bhamber, Vice President, A P T I, Prof. B.G. Shivananda, Secretary, A P T I, Prof. A run G arg, G eneral Secretary, Indian Pharmacy G raduates A ssociation, Sh. S L N asa, President, Indian H ospital Pharmacists A ssociation, Dr. Dhirender Kaushik, President, A P T I Haryana State Branch, C hairman of the C onference, Prof. B. N arasimhan, Dean and H O D, Faculty of Pharmaceutical Sciences, M DU, convener of this conference, Dr. H. arih Dureja, G eneral Secretary A P T I Haryana State Branch, O rganizing Secretary of this conference and Dr. D eepak Kaushik, J oint secretary of the conference.

The floral welcome ceremony was followed by Deep Prajwalan and Saraswati Vandana and after that Dr. H. arih Dureja, organizing secretary of the conference briefed about the purpose and plan of events that were to take place for two days. Prof. B. N arasimhan, Dean and H O D, Faculty of Pharmaceutical Sciences, M DU welcomed all the delegates and guests on behalf of the host University and briefed about the conference and achievements of the department. Dr. Dhirender Kaushik, President A P T I Haryana State Branch addressed the gathering and briefed about various activities of A P T I, Haryana State Branch. Presiding over the inaugural session, Prof. Sunita M alhotra, Dean, A cademic A ffairs, M aharsi Dayanand University, Rohtak said that Pharmacy teachers have a key role to play in honing the skills of Pharmacy students. She called for socially useful research in Pharmacy sector. Prof. M. aheesh Burande, President, A P T I central branch, in his address emphasized the need of introducing and promoting pharmaceutical entrepreneurship. He said that concerted efforts need to be made so that India becomes Pharma-Super Power by 2020. Speaking as C hief G uest, the State Drug Controller, Haryana Sh. R.K. Singla said that production of spurious drugs is a serious challenge. He said ‘Zero-Defect Medicines’ need to be made a M ission. He also called for close and regular interaction(s) between Drug Regulatory A ffairs officials and Pharmacy-academia. He also advocated the cause of pharmaceutical start-up to boost employment amongst pharmacy students. J oint O rganizing Secretary Dr. D eepak Kaushik proposed the Vote of Thanks.

Faculty of Pharmaceutical Sciences felicitated Prof. A. N. Kalia. A fter the inaugural session, delivering the Key note address, Prof. S.K. Kulkarni, Former Vice Chancellor, Punjab University, Chandigarh said
that the need of the hour is to uplift the standards of Pharmacy education in India. Global standards in this sector need to be kept in the mind, he added. This was followed by Plenary Lecture of Dr. A run G uppa, Head Medical Affairs & Clinical Research Dabur Research & Development Centre, Dabur India Limited, Sahibabad, U P. He spoke about Herbal Drug development. The afternoon session began with the first round of Poster presentation in which 70 students presented their research work. Prof. T. K. Ravi Scientific Convener - Indian Pharmaceutical Congress, College of Pharmacy, SRIPM S, Coimbatore in his keynote address discussed the strategies to strengthen core clinical competencies in the practice of education. This ended the technical session of Day 1. Soon after oral and poster presentations took place and by the time they were finished everybody was set for the cultural evening that was being organized as a part of the two day workshop. The cultural evening began with the welcome address of Dr. Hema Chaudhary, Vice President, A PTI Haryana state branch. Prof. Rajbir Singh, Dean Students Welfare, M D U, Rohtak also addressed the students and teachers on the occasion. He congratulated the organizers and wished everyone a pleasant stay. The chief guest of the evening was Prof. Bhagwan Chaudhary Registrar, CH. Bansi Lal University, Bhiwani and Prof. T. V. Narayan Vice-President, Indian Pharmaceutical Association, along with Prof. Shailendra Sharaf Member, Pharmacy Council of India were the guests of honor. Sahil Khatter hosted the cultural evening for the delegates. Students along with the faculty members and other guests witnessed the beautiful culture of Haryana through various performances that took place. Students from Punjabi University, Patiala performed a play titled “Doshi koan” depicted the life of a Pharmacy student. Dr. A run G arg, General Secretary, Indian Pharmacy Association also performed on the occasion. Day 1 ended with lots of enthusiasm and zeal among the students.

Day 2 of the conference began with the floral welcome of the guests. Vice Chancellor of the host university Sh. Sudhir Rajpal, IAS welcomed all the delegates and stressed on the need of organizing seminars and conferences, so as for the benefit of the students. He also mentioned about the importance of National and International social and cultural exchange between students and teachers. Present on the occasion as Chief Guest Prof. S.K. Gakhar, Vice-Chancellor, Ch. Bansi Lal University, Bhiwani also addressed the audience. Guest of Honor M r. Rohit Dutt, and Prof. M ilind Parle received Prabhul Dyal M emorial Best Pharmacy Teacher A ward for 2015. Faculty of Pharmaceutical Sciences also felicitated Prof. A. K. M adan.

Prof. Shailendra Sharaf, M ember-Executive council of PCI, C hairman and Dean, Department of Pharmacy, Pt. Ravishankar Shukla University, Raipur delivered the keynote address on "Future of Pharmacy Profession-Role of Academicians" and Prof. M. C. G uppa, Head-Department of Pharmacology, PG IM S, Rohtak discussed the role of pharmacovigilance in his talk. M r. J itender Kumar, from Cubic Q uality Ltd., Bangalore presented the product information of M initab after the technical session.

After the technical session got over around 150 students appeared in the poster presentation. In the valedictory function M r. J ayesh A rya, President, G orgaon druggist and Chemist association, M anaging director, Aryan Medicare Pvt. Ltd and Sharad M ahortra, from the G orgaon chemist association were present as the guest of honor. Students with best posters and oral presentations were awarded. Vote of thanks was presented by Vice-President, A PTI Dr. V ijay N arsh.

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15th October, 2015

Jaya College of Pharmacy celebrated with pomp & show to commemorate the birth anniversary and as a Tribute to evergreen Former President Dr. A. P. J. Abdu J Kalam on 15.10.2015. The programme began with the traditional invocation by a prayer song followed by lightening of lamp. It was enlightened by the chief guest M r. Thiru. M A. B alasubramaniam, a versatile Social reformed of N allor Vattam. The chief guest was introduced and welcomed by Principal Prof. A. M. A heswaran. He stated that students are the most influential people and emphasized Dr. A. B dulu kalams quotes. Director Dr. N. M aranan gave fillip felicitation address stating that education plays crucial role in shaping student behavioural patterns. Prof. A. K anagaraj, Chairman, J ayas group of institutions gave presidnetial address stating that students should develop innovative ideas and creative quotient. The chief guest talked about Dr. A. P. J. A Bdul Kalam dreams and students responsibility to achieve which provoked ebullience of the students. Dr. P. V alentina, Prof. & HOD Department of Pharmaceutical chemistry donated Rs. 5000 to our college library to buy books of Dr. A. B dulu Kalam. In order to cherish the words of Kalam Tree plantation was done in college premises. The evening was made more colourful by the
inspiring speech of M r. M . V igneshwar final year B. Pharm student and R. Sharmila of second year B. Pharm. A n interesting Skit titled “Salam to Kalam” depicting the life of Dr. A. P.J. A bdul Kalam put forth by students. The programme came to close on the resounding vote of thanks of V. M althy final year B. Pharm with national anthem.

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17th October, 2015

A ssociation of Pharmacy Professionals (A PP) Punjab State Branch organized 1st Indo-Korean Conference on Current Progress and Future Perspectives in Pharmaceutical Technology on 17th October, 2015 at G . H . G . Khalsa College of Pharmacy, G urusar Sadhar, Ludhiana, Punjab. Event was witnessed by Prof. K. K. Bhutani, Director, National Institute of Pharmaceutical Education and Research (N IPER), Mohali, Punjab, as ‘Chief Guest;’ M r. M anjit Singh G ill, President, O rganizing Council, G. H. G. Khalsa College of Pharmacy, Ludhiana, Punjab as ‘Patron;’ Dr. Suresh V. C hennupati, President, A PP A ndhra Pradesh State Branch and Principal & Professor, N ova College of Pharmacy, J angareddygudem, W est G odavari, A ndhra Pradesh as ‘Co-convener;’ Dr. Satvinder Kaur, Principal & Professor, G . H. G. Khalsa College of Pharmacy, Ludhiana, Punjab as ‘Organizing Secretary;’ Dr. Inder Sachdev, Former Director, C hittkara College of Pharmacy, Rajpura, Punjab as ‘Special Guest’ and Sh. Tarsem J asmin, Editor-in-Chief, Pharma Pramarsh News Magazine, Rohtak, Haryana as ‘Guest of Honour’ along with Prof. V. K. Kapoor, Professor A djunct, G . H. G. Khalsa College of Pharmacy, Ludhiana, Punjab. Further, Dr. Rajiv Dahiya, President, A ssociation of Pharmacy Professionals and Professor, Department of Pharmacy, C ollege of H ealth Sciences, M azan-Tepi U niversity, M azan Teferi, Ethiopia acted as ‘Convener’ of the event in absentia.

Inauguration was started with ‘Prayer’ followed by welcome of all the guests on the dias, with bouquet of flowers. Scientific session was initiated with keynote lecture of Prof. K. K. Bhutani, Director, N IPER, Mohali, who addressed the gathering on ‘Current Progress and Future Perspectives in Pharmaceutical Technology’. Prof. Bhutani emphasized on the fact that research generates new knowledge as well as forms the backbone for development of individuals as well as organizations. Dr. A jay Sharma, Postdoctorate fellow, D epartment of B iotechnology, L aboratory of P lant M olecular P hysiology, Y eungnam U niversity, Republic of Korea could not deliver the lecture on the day of event due to some urgent assignment.

Scientific session was continued with lecture of Dr. Suresh V. C hennupati on the topic ‘G lobal C hallenges of Pharmacy Education’. He discussed about the current scenario and flaws in the present system of pharmacy education. A nother invited talk was given by Dr. Inder S achdev on topic ‘Falling Standards in Pharmacy Education’. Dr. S achdev was conferred with ‘A PP A utstanding A chievement A ward 2015’ for his vital achievements throughout the career. Scientific session was terminated with lecture of Sh. Tarsem J asmin on ‘G eneric M edicines in I ndia’. C onference was attended and papers were presented in ‘poster’ session by more than 250 delegates from different universities and institutions all over north India. Dr. Poonam Piplani from U niversity Institute of Pharmaceutical Sciences, Punjab U niversity, C handigarh; Dr. M anjinder Singh G ill from N ational Institute of Pharmaceutical Education and Research, Mohali, Punjab; Dr. Balbir Singh from D epartment of P harmaceutical Sciences, G urusar D ev U niversity, A mritsar; Dr. G ulshan B ansal from D epartment of Pharmaceutical Sciences and D rug R esearch, Punjabi U niversity, Patiala were the J udges for the scientific poster session during the A PP 1st Indo-Korean C onference.

During the valedictory function, Sh. Tarsem J asmin, Editor-in-Chief, Pharma Pramarsh; Dr. Satvinder Kaur, Principal & Professor, G . H. G. Khalsa College of Pharmacy, Ludhiana and M r. M anjit Singh G ill, President, O rganizing Council, G. H. G. Khalsa College of Pharmacy, Ludhiana, Punjabi U niversity, Patiala and M r. R ajneet K aur K hurana (Punjabi U niversity, C handigarh) were conferred with ‘A PP A ppreciation A wards’.

M r. S ahil Sharma from G uru N anak D ev U niversity, A mritsar; M r. T alwinder Singh and M s. A rshdeep K aur from G . H. G. Khalsa College of Pharmacy, Ludhiana bagged 1st, 2nd and 3rd positions in poster presentation competition. A lso, consolation prizes were given to M s. J asmin K aur (Punjabi U niversity, Patiala) and M r. R ajneet K aur K hurana (Punjabi U niversity, C handigarh).

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27th October 2015

B ansal C ollege of P harmacy, B hopal, M.P., organized a one day seminar on “E ffective T eaching: N eed of H our” on 27th
The program was inaugurated by Chief Guest, Professor R.S. Tiwari Ex-Director Bansal MBA Group of Institutes, in auspicious presence of G u est of H onour Er. Sunil Bansal, Secretary Bansal Group, Dr. Sanjay J ain, Joint Secretary Bansal Group, Shri A shok Bhardwaj, Dean administrator BGI, Dr. N. K. Tiwari Principal Bansal Institute of Science and Technology and Dr. S. N. aya k Principal Bansal College of Pharmacy. Three Lectures have been conducted on this occasion by the resource persons Prof R.S. Tiwari, Dr. Sanjay J ain, and Prof. S.N. Daga. A bout 30 faculty members participated in this programme. O n this occasion certificates were distributed to the participants. Dr. Satish N ayak, Principal, Bansal College of Pharmacy, Bhopal delivered the Welcome Speech and Dr. A shish J ain, Coordinator of the seminar, delivered the Vote of Thanks.

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31st October, 2015

NCPER organized National seminar on “Recent trends in HPLC TECHN IQUE” on 31.10.2015 and Dr. G. Satyanarayana, M.Sc., Ph.D., LLB, PG DQA, A lekya Labs, V ijayawada invited as guest of H onour and speaker for this seminar. Dr. J. Srinivasa Rao, Director, N ova group of college, J upudi delivered the inaugural address. Dr. Satyanarayana delivered the special lecture on “Recent trends in HPLC TECHN IQUE” in this seminar and actively interacted with B. Pharm and Pharm D students. He released the Nova Pharma N ews letter Vol 2, issue 2.0, 2015. Dr. P. Selvam F N A B S., Professor and Principal proposed vote of thanks. More than 200 students and faculty members participated in this seminar and Benefited. Lion M. Krishna Rao., M.J.F., secretary Nova Educational Society appreciated the faculty members and students for the arrangement of seminar.

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6th - 7th November, 2015

United Institute of Pharmacy (UGI), N aini, organized a two day event to celebrate the 54th National Pharmacy Week on the theme of ‘Responsible use of A ntibiotics save lives’ on 6th & 7th November 2015.

Indian Pharmaceutical A ssociation organized National Pharmacy Week from the first week of N ovember every year throughout the country with the social message that medicines and antibiotics are like a double edged sword of great benefit if used correctly, but can cause harm if used incorrectly. The over-use, under-use or misuse of medicines result in wastage of scarce resources and widespread health hazards.

The program was started in the seminar hall of UGI with lighting of lamp and G anesh Vandana. Dr. Alok M ukerjee, Principal, UGI welcomed the gathering & gave a presentation on effective and safe use of antibiotic, with social message of Be A ware/Be S afe/U se antibiotics responsibly. Prof. K.K. M alviya, Principal U IM , Prof. H.P. Shukla, Principal U C E R graced the occasion by their presence. Prof H.P. Shukla also highlighted the need for pharmacists and how they play a greater role in the society.

Different events were organized by the students as well as faculties to make this special day as a function of pharmacist. Everyone participated in the events like Traditional dance, Pharma crack, Badminton & carom competition, Herbamed (Herbal Garden), JAM (just a minute), Rangoli competition, T-Shirt painting, Face painting and many more. The major focus of NPW celebrations is to create awareness amongst the public, other healthcare providers and the authorities, about the NPW theme in specific, and about the pharmacy profession and the role of the pharmacist in general.

Whole functions were coordinated by faculty members of UGI. Quiz competition was arranged by 4 year B. Pharm Students. Postgraduate and undergraduate students of the institution actively participated in both literary and cultural events.

UGI always organizes such events for the students. They are given a dynamic and collaborative climate to broaden their technical know-how, managerial proficiency and getting the best of all the opportunities. UGI has always and in the future as well would provide the students with the best prospect for their overall growth & development.

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14th November, 2015

On the eve of World Diabetes Day (14th November), an invited lecture was organized by Periyar Health Club on 30.11.2015. Dr. R. Sentharamai, Principal welcomed the gathering and highlighted the
current status of diabetes among people worldwide. Dr. P. Thirumalai Kolundu Subramanian, M.D., Professor of Medicine, Chennai Medical Hospital and Research Centre, Trichy delivered a lecture on “Yesterday, Today and Tomorrow”. In his lecture he deliberated about the diagnosis, epidemiology, causes and health problems in diabetes. He also explained about treating diabetes and remedial measures to be taken to get rid of diabetes by way of physical activity. Dr. A. M. Ismail, Professor and Dr. G. Krishnamoorthy, Vice Principal felicitated the programme. Faculty, Students of PCPS, Teachers of Periyar Centenary Educational Complex and Senior Citizens of Samy Kaivalyam attended the lecture. Dr. T. Shri Vijaya Kirubha, Secretary, Periyar Health Club proposed vote of thanks.

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15th November, 2015

National Seminar on ‘Novel Pharmaceutical Technologies: Challenges and Opportunities’ was organized by Indian Association of Pharmaceutical Scientists and Technologists (IAPST), India in association with Consortium of Manipal Progressive Pharmaceutical Professional Associations of Manipal College of Pharmaceutical Sciences (MCOPS), Manipal University on 15th November, 2015. The seminar was partially sponsored by Stempeutics Research Pvt. Ltd., Manipal. The program was inaugurated by lighting the lamp in presence of the chief guest, Dr. Raviraja N. Seetharam, Business Executive, Stempeutics and guests of honor; Dr Satish Shenoy, Director-Research (Technical), Manipal University and Dr. C. M alikarjuna Rao, Principal, MCOPS. The program was concluded with the valedictory function, distribution of certificates to the participants and the prize winners, and vote of thanks by Dr. M. Sreenivasa Reddy.

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16th - 20th November, 2015

54th National Pharmacy Week Celebrations 2015 were successfully organized in Sri Vasavi Institute of Pharmaceutical Sciences, Tadepalligudem, W. G. Dt, Andhra Pradesh from 16th to 20th November and a closing ceremony was celebrated on 21st November. As part of these celebrations different events like Best Art, Best Theme, Pharma Quiz, Short Films, Power Point Presentations and many other were conducted to the students on the theme “Responsible use of Antibiotics Saves Lives” given by Indian Pharmaceutical Association this year.

Sri Grandhi Satyanarayana, President of Sri Vasavi Educational Society chaired the session and other Governing Body members graced the function. Dr. K. Srinivas, Principal inaugurated the session with the welcome note. Stressing the importance of antibiotics and their safe use in the field of medicine, Dr. M. Venkata Reddy, M.ember, Central Council, PCI and Former Drug Controller of Andhra Pradesh, enlightened the young pharmacist with his experiences in the field of pharmacy. All the students who secured top places in the events were felicitated with prizes by the invitees of the function. The management specially congratulated Ms. P. N. S. Syamala of final year B. Pharm, who secured first prize in video presentation in national level competitions conducted by IPA.
On the eve of National Pharmacy Week 2015 Sri A. D. College of Pharmacy has conducted a drawing competition on 18 November 2015 based on the theme D. Pharm, B. Pharm, and Pharm D students were participated.

Next day, Guest lecture was organized where Dr. Anil T, Lecturer, Department of Pharmacy Practice, International Medical University, Malaysia, delivered a lecture on “Patient Outcome, Clinical Pharmacy & Opportunities in Malaysia”, for all Pharm D and PG students.

From 24 th - 27 th November 2015 was an awareness programme with the theme “Responsible Use of Antibiotics Saves Life” in nearby colleges. The programme was inaugurated on 24 th November 2015 at BhakthanathaSwamy composite PU College, B.G.Nagara with an exhibition of various posters related to antibiotic and drug usage, followed by release of brochure in English and Kannada related to the theme by Mr. M. Anje Gowda, Principal, Bhakthanatha PU College, Dr. B. Ramesh, Principal, SA C.C.P and other staff of Pharmacy Practice Department, SA C.C.P.

Guest lecture and Exhibition was organized based on the theme at BhakthanathaSwamy composite PU College, A. D. College of Nursing, B.G.S. B.Ed. College, Srikshetra and A. D. College of Nursing, Institute of Medical Sciences, B.G. Nagara by staff of Department of Pharmacy Practice Mrs. R. Arunkrishnan, Amara Senthil, and M. Vinayakumar, respectively. The programme was inaugurated by Mr. M. Anje Gowda, Principal, Bhakthanatha PU College, Dr. B. Ramesh, Principal, SA C.C.P and other staff of Pharmacy Practice Department, SA C.C.P.

In all the institutions, the programme came to an end with the MIME act based on the theme performed by first year students of SA C.C.P (H. Arunkrishnan, Rishaan Iftihar, Kishorilal, Ribin, A. Darsh, A. Vinay K J, A. Ibin Soj, A. Mal Das, V. Inay & N. Idhin Shaji) which was narrated by A. Ivin Jee Thomas, student of Sixth year Pharm.D, SA C.C.P.

All Staff & Students of Department of Pharmacy Practice, SA C.C.P were actively involved in creating awareness about the antibiotic used among the students during the programme. It was a great success.

Srinivas College of Pharmacy in association with Indian Pharmaceutical Association, Dakshina Kannada District Local Branch Mangalore organized Industry Institutional Interaction held on 19 th November 2015. Resource person, Dr. M. R. Devaraj Shetty, DGM-Quality, Reliance Life Sciences, Mumbai inaugurated the session and interacted with the students regarding Computer system validation which is the emerging tool used by USFDA to regulate the Pharma Industry and to minimize the gap between institution and industry.

Dr. A.R. Shabaraya Principal and President, IPA, Dakshina Kannada District Local Branch Mangalore introduced and welcomed the resource person and called the students to make use of the information which helps in future industry career.

Dr. EVS Subrahmanyam, Professor and Vice President, IPA, Dakshina Kannada District Local Branch Mangalore was present during the function.

Mrs. Bhagyashree & Ms. Chinmayi Upadhya anchored the programme and Mr. V. R. Khanduri, Asst Professor & Programme coordinator, Srinivas College of Pharmacy proposed the vote of thanks.

V.V. Institute of Pharmaceutical Sciences celebrated the 54 th National Pharmacy Week from 19 th November to 21 st November 2015 to highlight the importance of the profession of pharmacy. The theme of this year celebrations is “Responsible Use of Antibiotics Saves Lives”.

These celebrations was inaugurated by the Chief Guest Dr. A. Ramesh, Principal, V. V. Institute of Education and Research, Narsapur, Medak.
District Telangana. The program was pioneered with welcome speech by the Principal of college Dr. A. Lakshmana Rao and he had a valuable talk on the theme in NPW celebrations.

The Chief Guest Dr. A. Ramesh addressed the gathering and delivered a guest lecture on “Drug Development and Pharmacovigilance” and he made a note on role of pharmacist in society. He advised the students to develop hardworking nature so that they can be at uplifted position. Students have to be with open mind as it paves a path for innovative ideas and they should come out with personal realisation.

On the second day of NPW event the competitions like Essay writing, Elocution and Pharma quiz are conducted.

The NPW celebrations was made closure by Valedictory function, inaugurated by the Chief Guest Dr. N. Srinath, Principal, Sri Siddhartha College of Pharmacy, Nuzvid, Krishna District, A.P. He made an attractive speech regarding the theme of NPW. He inspired the students with an excellent speech that the student must endeavour to reach a goal which will make them very unique not only in pharma field but also in the area of research. And he told about to develop the communication skills and social skills along with subject knowledge where it makes them to stand at prime position. Later Dr. A. Lakshmana Rao, Principal, V.V. Institute of Pharmaceutical Sciences, felicitated the Chief Guests with memento and the celebrations preceded with prize distribution, vote of thanks followed by national anthem.

21st November, 2015

Indian Pharmaceutical Association (IPA) John Kapoors Prof. M.L.Khorana M emorial N ational Seminar was organised on 21st November, 2015 in the Auditorium of Department of Pharmaceutical Sciences, Rashtrasant Tukadoji Maharaj Nagpur University in association with Indian Pharmaceutical Association, and its Nagpur Local branch. The Seminar was inaugurated by Dr. Rao V.S.V. Vadlamudi, President, IPA, He stressed on the important issues related to Pharmacy profession and said that this Seminar will provide best platform to deal with all issues. The other dignitaries present were Shri Kaushik Desai, Hon. Gen. Secretary, IPA, Shri Amin N agani, Ex president of Maharashtra State Pharmacy Council,. Shri Ravleen Khurana, Dr. S.N. Umathe, Dr M anoj C harde and Shri P.M. Ballal were the Guest Speakers who delivered the lectures on the important topics in Pharmaceutical field. Dr. N. J. G. aikavad, Head of the Department of Pharmaceutical Sciences delivered the introductory speech. Dr. M. R. Taine, Coordinator conducted the proceedings. Dr. A. T. Patil, and Dr. Rajesh Lohia President and Secretary of IPA local branch were also present on the Dias. In the function Shri Anwar Daud, M.D., Zim Laboratories and Shri Rajendra DIVE, Senior Journalist, Hitvada were felicitated for their emmence contribution in their field at the hands of Dr. Rao V.S.V. vadlamudi.

25th November, 2015

Every year as a part of professional activity, Acharya N agarjuna University College Pharmaceutical Sciences (A NUCPS) organizes National Pharmacy Week celebrations.

On 25th November, NPW 2015 celebrations began with a Pharma rally with the theme “Responsible use of Antibiotics – Saves Lives”. Around 150 students of ANUCPS took out a rally in campus to create awareness among public regarding responsible use of Antibiotics. Prof. P. Rajasekar, Registrar, A N U presided over the inaugural function and Prof. A. Prameela Rani, Principal of the college welcomed the guests and in her address, she highlighted the importance of responsible use of Antibiotics and advised the budding pharmacists to create awareness to the public regarding the theme. The rally was flagged off by Registrar, Prof. P. Rajasekar and Prof. A. Prameela Rani, Principal A NUCPS. The placards containing messages were carried by students who raised slogans to create awareness among public and “Flash mob” performed by students attracted the crowd.

On 26th November, Academic exhibition was organized for all pharmacy students of the college. As a part of that all the modern instruments and equipments were exhibited in all the laboratories and working of each instrument was demonstrated by M. Pharmacy students of the college.

On 27th November, Poster presentation sessions was organized, with a motive to leverage the students in the aspects of use of Antibiotics, and
in various areas of field of pharmacy. During this week various events like Pharm quiz, essay writing, elocution, singing and dance competitions etc. were conducted among various participants.

On 28th November, Valedictory ceremony was organized, Prof. V. V. S Kumar, Vice Chancellor, A N U was the chief guest. Prof. P. Rajasekhar Registrar, A N U and Dr. Vinay Kumar, deputy drug controller, Guntur being the chief guest addressed the students. Prof. A. Prameela Rani, Principal, A N U C P S in her speech highlighted the various activities conducted in the week. Later, Guests were felicitated and certificates were distributed to the winners in various competitions. Prof. A. Prameela Rani, Principal, Programme Coordinators Dr. P. Rohini, Smt. K. E. Pravallika, Teaching and non teaching faculty of the college and students attended the ceremony.

Founded in 1994, VNS Faculty of Pharmacy [VNS FOP] has a long history of serving its students and health-care professionals as one of the premier private pharmacy institute in the central India zone. As a part of the continuing efforts by the institute in promoting the role of pharmacist as health care professionals and awareness on antibiotics VNS FOP celebrated the National Pharmacy Week with their National Service Scheme [NSS] unit on the theme of National Pharmacy Week, laid by IPA. The importance of commemorating National Pharmacy Week lies in recognizing the value of pharmacists in ensuring the safe and effective use of medicines, antibiotics and the vital role they play as professionals in the healthcare team. Various competitions was organized e.g. extempore, quiz, rangoli etc. and an expert lecture was also arranged. Dr. Ramesh Shandilya, M. B. B. S., M. D. from Bansal Hospital, Bhopal had shared interesting facts and information on antibiotics, their safe usage and resistance with the students. Prof. V. S. F. P. and Mr. Vishal Kapoor, Program Officer, NSS unit, Bhopal had encouraged and appreciated the students for their efforts and participation. On the last day a “Pharma Rally” was organized to create awareness among common peoples. During the rally the students and teachers had shared the informative literature on antibiotics usage and self medication with the peoples. By orchestrating community events during the week, VNS FOP played an important role in carrying on the legacy of professional excellence and community involvement. Mr. J. K. Singh, Chairman, VNS Group of Institutions (VNSGI), Bhopal, Dr. D. K. Swami, Group Director, VNSGI, Dr. V. V. Dhoti, Associate Director, VNS FOP P, Dr. P. K. Singour, Vice Principal, VNS FOP P and Prof. P. Saraf, Registrar, VNS FOP highlighted the role and responsibilities of pharmacist and appreciated the students.

26th November, 2015

Computer Aided Drug Design (CADD) and Delivery System is computer-assisted techniques used to discover, design, and optimize new, effective, and safe drugs. The fundamental goal in drug design is to predict whether a given molecule will bind to a target and if so how strongly even before a compound is synthesized. Introduction of CADD accelerates every phase of drug discovery – conception through dispensation by saving enormous time and cost. A one day seminar on Computer Aided Drug Design and Development was organized by Department of Pharmaceutical Chemistry, NGSM Institute of Pharmaceutical Sciences, Paneer campus, on 26th November 2015. The seminar was sponsored by Nitte University, Deralakatte, Mangalore. Dr. Evans Cutinho, Prof & HOD - Pharmaceutical Chemistry, Bombay College of Pharmacy spoke on “Methods in Molecular Modeling”, Dr. Mahesh B. Palkar, Associate Prof, KLE College of Pharmacy, Hubli spoke on “Structure Based Drug Design”, and Dr. Balakrishna Kalluraya, Professor, Department of Organic Chemistry, Mangalore University spoke on “Principles and Application of IR Spectroscopy”. Dr. M. S. Moodithaya, Registrar, Nitte University inaugurated the seminar. Dr. C. S. Shastry, Principal welcomed and Dr. K. Ishwar Bhat, HOD, Pharmaceutical Chemistry and convener of the seminar introduced the speakers.

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 apti enquiry@gmail.com, or dangraman2000@yahoo.co.in.
IPA Pune Branch 2015 A ward ceremony was held on the 24th November 2015 in Pune Dr. Suresh Jadhav, Executive Director, Serum Institute of India felicitated with 4th IPA Pune Lifetime Achievement Award 2015 for his outstanding and significant contribution in the manufacturing of vaccines to fulfill the need of millions of patients across the world. Dr. B. Suresh President PCI and Chief guest of the function extended thanks to Dr. Jadhav for rejecting US offer at that time and starting career in India, which is role model to youngsters now. Mr. Jignesh Furia CEO Nirali Prakashan was honored with IPA Pune Pharmacist Friend 2015. Dr. K. Bangaru Rajan Deputy Drug Controller India and Dr. M. D. Karvekar, Council member PCI were the guest of honor on the occasion. Dr. Atamaram Pawar President IPA Pune branch, Mr. Sachin Itkar, Vice-President, Mr. Praashant Hambar Secretary IPA office bearers were present on the dias.

Dr. Vandana B. Patel, Professor and Principal, Babaria Institute of Pharmacy, Vadodara, Gujarat, was conferred upon by ‘Innovation in Higher Education Award’ in the field of pharmacy by Higher Education Forum, Gujarat Chapter on 31st October 2015 at 3rd Regional Conference at Vadodara, Gujarat. The award was handed over by Dr. N. M. Kondap, Chairman, Western Regional Committee, AICTE, Dr. A. K. Sengupta, Chairman, Higher Education Forum, Mumbai, Dr. Rajesh Khajuria, Chairman, Higher Education Forum, Gujarat Chapter and Dr. M. Madhusudan M. ehta, Chief Mentor, International Centre for Entrepreneurship & Technology (ICentre).

Dr. Sajal Kumar Jha, Assistant professor, Department of Pharmaceutics, Bengal College of Pharmaceutical Sciences & Research, Durgapur, West Bengal, India, has been awarded the degree of Doctor of Philosophy (Ph.D) in Pharmaceutical Sciences in November 2015 by Jawaharlal Nehru Technological University (JNTU), Hyderabad, Telangana, India. He has been the research work entitled “Formulation and evaluation of Microemulsions drug delivery system of Anti ulcer drug for improvement of oral Bioavailability”. The research work has been carried out the guidance of Prof. (Dr.) Roopa Karki, HOD, Department of Industrial Pharmacy, Acharya & B M Reddy College of Pharmacy, Bangalore. He has experience of more than 9 years in teaching and research. He has more than 30 publications in his name in various journals of national and international repute. He has been felicitated with “Distinguished Alumni Award” in the year 2013 by Acharya Pharmacy Alumni Association (AAPA). He has participated & organized many National and International Conferences/ Seminars, reviewed books and research.
Sanpada, Navi Mumbai. Dr. Sufiyan Ahmad has more than 9 years of teaching and research experience. He has published 11 research publications in various national and international journals of repute and has attended several national and international conferences. He has guided 6 M. Pharm students. UGC has sanctioned one minor research project to him. He is life member of the Association of Pharmaceutical Teachers of India, In Pharm Association, Association of Pharmacy Professionals and Society of Pharmaceutical Education and Research. He sincerely acknowledges Principal Dr. V. M. Shastry, Hon. Chairman Ram Bhadane, Secretary Manohar D. Bhadane, All Teaching and Non-Teaching Staff of Gangamai College of Pharmacy for their motivation, cooperation, and help during the research work.

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Mr. Rashid Akhtar Nehal Ahmed, Associate Professor, Department of Pharmacognosy, K.B.H.S.S. Trust's Institute of Pharmacy, Bhaygaon Road, Malegaon Camp, Dist: Nashik, has been awarded the Degree of Doctor of Philosophy (Ph.D) in Pharmacy on 9 September 2015 by JJTU University, Vidyanagari, Jhunjhunu, Rajasthan for his research work entitled "Pharmacognostical, Phytochemical and Biological Investigations on Root of Stereospermum colais Buch". This work was carried out under the guidance of Dr. Mohib Khan, Professor, Oriental College Pharmacy, Sanpada, Navi Mumbai. Dr. Rashid has more than 9 years of teaching and research experience. He has published 11 research publications in various national and international journals of repute and has attended several national and international conferences. He has guided 6 M. Pharm students. UGC has sanctioned one minor research project to him. He is life member of the Association of Pharmaceutical Teachers of India, In Pharm Association, Association of Pharmacy Professionals and Society of Pharmaceutical Education and Research. He sincerely acknowledges Principal Dr. V. M. Shastry, Hon. Chairman Ram Bhadane, Secretary Manohar D. Bhadane, All Teaching and Non-Teaching Staff of Gangamai College of Pharmacy for their motivation, cooperation, and help during the research work.

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Mr. Mohammed Imran Siraj Ahmed, Associate Professor, Department of Quality Assurance, K.B.H.S.S. Trust's Institute of Pharmacy, Bhaygaon Road, Malegaon Camp, Dist: Nashik, has been awarded the Degree of Doctor of Philosophy (Ph.D) in Pharmacy on 9 September 2015 for the thesis entitled, "Pharmacognostical, Phytochemical and Anti-Diabetic Studies on Tephrosia Villosa Pers". This work was carried out under the guidance of Dr. Shobha Rani Hiremath, Professor and Principal, Al-Ameen College of Pharmacy, Bangalore. He has 7.6 years of teaching and research experience. Since 2008, he has been serving as an Assistant Editor of Indian Journal of Pharmacy Practice (IJP), a quarterly published journal by APTI. He has good international exposure and is a recognized PG guide (M. Pharm-Pharmacy Practice) in Rajiv Gandhi University of Health Sciences, Karnataka. He has published 9 scientific research papers in indexed journals. He has co-authored 3 chapters in a textbook entitled "Elements of Pharmacovigilance" published by Kongposh Publications in 2010. He attended several national/international conferences, seminars, symposia and presented research papers. His research interest is in the area of Population Pharmacokinetics, Pharmacovigilance, Pharmacoeconomics etc. He acknowledges all those who contributed & supported him during his Ph.D. research work.

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Mr. Ramjan Shaik, working as a lecturer at A I - A meen College of Pharmacy, Bangalore was awarded the Degree of Doctor of Philosophy (Ph.D.) in Pharmacy Practice by Rajiv Gandhi University of Health Sciences, Karnataka on 02-Nov-2015 for the thesis entitled, "Estimation of Serum Concentrations and Population Pharmacokinetic Modeling of Phenytoin". He has carried out his research work under the able guidance of Dr. Shobha Rani Hiremath, Professor and Principal, Al-Ameen College of Pharmacy, Bangalore. He has 7.6 years of teaching and research experience. Since 2008, he has been serving as an Assistant Editor of Indian Journal of Pharmacy Practice (IJP), a quarterly published journal by APTI. He has good international exposure and is a recognized PG guide (M. Pharm-Pharmacy Practice) in Rajiv Gandhi University of Health Sciences, Karnataka. He has published 9 scientific research papers in indexed journals. He has co-authored 3 chapters in a textbook entitled "Elements of Pharmacovigilance" published by Kongposh Publications in 2010. He attended several national/international conferences, seminars, symposia and presented research papers. His research interest is in the area of Population Pharmacokinetics, Pharmacovigilance, Pharmacoeconomics etc. He acknowledges all those who contributed & supported him during his Ph.D. research work.

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Mr. Sufiyan Ahmad Raees Ahmad, Associate Professor, Department of Pharmacognosy, Gangamai College of Pharmacy, Nagaon, Dist. Dhule, has been awarded the Degree of Doctor of Philosophy (Ph.D.) in Pharmacy on 9 September 2015 by JJTU University, Vidyanagari, Jhunjhunu, Rajasthan for his research work entitled "Pharmacognostical, Phytochemical and Biological Investigations on Root of Stereospermum colais Buch". This work was carried out under the guidance of Dr. Shobha Rani Hiremath, Professor, Al-Ameen College of Pharmacy, Bangalore. He has 7.6 years of teaching and research experience. Since 2008, he has been serving as an Assistant Editor of Indian Journal of Pharmacy Practice (IJP), a quarterly published journal by APTI. He has good international exposure and is a recognized PG guide (M. Pharm-Pharmacy Practice) in Rajiv Gandhi University of Health Sciences, Karnataka. He has published 9 scientific research papers in indexed journals. He has co-authored 3 chapters in a textbook entitled "Elements of Pharmacovigilance" published by Kongposh Publications in 2010. He attended several national/international conferences, seminars, symposia and presented research papers. His research interest is in the area of Population Pharmacokinetics, Pharmacovigilance, Pharmacoeconomics etc. He acknowledges all those who contributed & supported him during his Ph.D. research work.

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2015 By JJTU University, Vidyanagar, Jhunjhunu, Rajasthan For His Research Work Entitled “Isolation, Identification and Characterization of Bioactive Compounds From Fruit and Stem Bark of Stereospermum Colais Buch”. This Work Was Carried Out Under The Guidance of Dr. Mohib Khan, Professor, Oriental College Pharmacy, Sanpada, Navi Mumbai. Dr. Mohammed Imran Has More Than 7 Years of Teaching And Research Experience. He has published 9 research publications in various in N ational and International Journal of repute and has attended several National and International Conferences. He is Life Member of The Association of Pharmaceutical Teachers of India, In Pharm Association. He sincerely acknowledges Principal Dr. Vinod A. Bairagi, H on. Chairman, Parsad, A lphanet and N on-Teaching Staff of K.B.H.S.S. Trust’s Institute of Pharmacy For Their Motivation, Cooperation and Help during the Research Work.

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Dr. R. Narasimha Rao, Principal & Professor in Pharmaceutics, Holy Mary Institute of Technology & Science, (College of Pharmacy), Bogaram(V), Keesara(M), Rangareddy Dist., Hyderabad, Telangana State, has been awarded Doctor of Philosophy degree in Biotechnology by A charya N agarjuna University, G untur for his thesis entitled “Development of Controlled release Formulations and Evaluation of some Antiretroviral Drugs” on 14th November 2015. He has carried out his research work under esteemed guidance of Dr. K Prakash, Research Director, A charya N agarjuna University. He has sixteen years of teaching experience and guided 40+ M. Pharm students. He has published 45 research papers in various national and international journals. He has attended many national conferences, seminars, symposia and workshops and presented 14 research articles. He is the life member of A PTI.

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Dear Members,

The contributors to A PTI Bulletin who require hard copy of the bulletin must send their postal address along with the write up. This will enable us to post hard copy to the contributor. The A PTI Bulletin soft copy is mailed to all the A PTI members as a Link and uploaded on www.aptiindia.org

Secretary A PTI.
Dr. Mukesh S. Sikarwar, Faculty of Pharmacy, AIMST University, Malaysia and Life member of APTI presented his innovative idea as a finalist on the topic of breaking the wall of disease involving oxidative stress as a finalist in the Falling Walls Lab Berlin, Germany on November 8, 2015. His participation was fully sponsored by A.T. Kearney Scholarship for the Falling Walls Conference.

The conference started with registration followed by welcome and introductory remarks by Prof. Dr. Jürgen M. Lynek, Chairman, Board of Trustees, Falling Walls Foundation. Dr. Luca Rossi, Partner, Head of Europe, A.T. Kearney and Ulli Dannath, Master of Ceremonies, A.T. Kearney. In session 1 there were 1 to 30 presentations followed by session 2 with 31 to 70 presentations and session 3 having 71 to 100 presentations. Conclusion was given by the chairman of the jury Prof. Dr. Carl-Henrik Heldin, Chairman of the Board, Nobel Foundation.

At the end there was an award ceremony and announcement of the falling walls young innovators of the year 2015 and the winner of the audience award.

On the next day, 9 November, 9 am - 7 pm, the Falling Walls Conference 2015 took place in Radialsystem V, Holzmarktstraße, Berlin. On this day, 20 world-class researchers from all disciplines and parts of the world each showcased their breakthroughs they are working on in 15-minute talks. Among the speakers were Nobel laureates, artists, heads of states and governments. The conference attracts an audience from over 80 nations and is covered by the media globally.

Dr. Mukesh S. Sikarwar has 9 years teaching and research experience. He has published 53 research and review papers in various peer reviewed internationals and national journals. He has presented 27 research papers in various national and international conferences. He is a reviewer of many international journals. He has attended 4 national and 1 international level field trip for surveys of medicinal plants. He is a life member of APTI, Indian Society of Ethnopharmacology and registered with M.P. State Pharmacy Council.

Dr. Chanchal Deep Kaur, Associate Professor and Principal Shri Rawatpura Sarkar Institute of Pharmacy, (SRIP) Kumhari, Dhus-Durg, Chhattisgarh participated as a "Co-Chairperson" in scientific sessions scheduled on 11th October 2015 at 20th Annual National Convention 2015 on the theme "Strategic Approaches to Strengthen Academic and Industrial Collaboration" and "Self-Reporting, Knowledge and Barriers of Foot Care in Diabetic Patients Attending Diabetic Clinic at A musulatory Setup". The papers were coauthored by Dr. P. K. Manna and Dr. G. P. Mohanta, Professors of Pharmacy, Annamalai University, Tamil Nadu. He had the opportunity to explore collaborative research on diabetes especially on medication use with other eminent researchers.
DAVV Auditorium, Takshila campus, Indore (M. P.). She also presented a paper entitled “Formulation and Characterization of Ivermectin Loaded Solid Lipid Nanocarriers for Enhanced Solubility and Better Therapeutic Activity”. It was a memorable event as from Raipur, Chhattisgarh she visited along with her mentors Professor Swarnlata Saraf and Prof. Shailendra Saraf from UIOP, Pt. RSSU, Raipur. Also her colleagues Ms. Anshita Gupta and Ms. Bine Gidwani of Shri Rawatpura Sarkar Institute of Pharmacy, Kumhari, Dist-Durg, Chhattisgarh presented their papers. The participation in such platforms enhance the knowledge as well as the personalities of the participants. The participants congratulated the organizers for the success of the event. The Executive Director of the SRI group of Institutions Shri Shekhar Kothari and Director of SRI, Kumhari Campus Shri A. shok Tiwari also gave their appreciations.

Prof. Dr. Mathew George, principal and Prof. Dr. Lincy Joseph Head Dept. of Pharmaceutical Chemistry of Pushpagiri College of Pharmacy participated “The Drug discovery conference” during August 27th - 28th, 2015 held at Europe. The research paper of Prof. Dr. Lincy Joseph has been accepted and presented at Riga, Europe. In continuation to conference they were invited in Switzerland, Italy, Germany, Latvia, France (European Contraires and interacted with many Scientists and professors of medical and Pharmaceutical Sciences.

Prof Dr. Mathew George published more than 75 articles and Dr. Lincy Joseph carries 70 research articles in reputed index journals. Currently Dr. Lincy Joseph carry out granted research funded project which has been sponsored by Govt. of India, New Delhi. They have authorised a few text books in pharmacy field and guided more than 50 candidates so far. Prof. Dr. Mathew George has received best Teachers Pharmacist Award from Kerala State Pharmacy Council, Trivandrum 2014. Both of them are former Directors of University.

Dr. K.S.G A rulkumaran, Vice-Principal, KMCH College of Pharmacy, Coimbatore, Tamil Nadu has attended “7th A A S P 2015 International Conference with the theme “Transformative Pharmacy Education for Responsive Research and Practice” at Taipei, Taiwan from October 31st to November 2nd, 2015. The Conference organized by Asian Association of Schools of Pharmacy and hosted by School of Pharmacy, National Taiwan University in Taipei. School or College of Pharmacy at National Cheng Kung University, National Defense Medical Center, Taipei Medical University, Kaohsiung Medical University, China Medical University, Chung Shan Medical University, Chia Nan University of Pharmacy and Science, Tajen University, and Ching Kang Foundation for Pharmacy Promotion were co-hosting the 7th A A S P conference. Dr. K.S.G. A rulkumaran has presented a research paper entitled “A Study on Superdisintegrant Property of Various Banana Powders and Its Formulation as Fast Dissolving Tablet”. Eminent scientists and research scholar from various countries had attended the above conference.

Dr. H industan A bdul A had, Professor and Principal, Balalji College of Pharmacy, A nantapur, A.P. have received Best Educationist-2015 award from International institute for Education and management- New Delhi on 18th Dec 2015. Thank you very much for your encouragement and support.
Dr. M Ramaiah, Associate Professor & Head, Department of Pharmacognosy, Hindu College of Pharmacy, A maravathi Road, G untur, A. P., has written a textbook entitled “Fundamentals of Pharmacognosy & Phytopharmaceuticals” for Pharm.D students.

Dr. M Ramaiah has 6 years of teaching and research experience and published 35 research papers in various reputed national and international journals. He has also presented more than 10 research and review posters in different national and international conferences. He attended many conferences, seminars, symposia, workshops and QIP programs. Many of reputed national and international journals opted him as an active advisor member, editorial board member and scientific reviewer. He is a professional member of APTI, APP, Society for Ethnopharmacology and Society of Pharmacognosy.

Drawing on their wealth of experience and knowledge in pharmacognosy & phytochemistry subject field, the author provided useful and fascinating insights especially for Pharm.D students awareness of medicinal uses of various naturally occurring drugs, their history, sources, distribution, method of cultivation, active constituents, medicinal uses, identification tests, preservation methods, substitutes and adulterants and importance of medicinal plants in some of today's health care systems. This is a landmark text book for Pharm.D students and first of its kind in Pharm.D history, which carefully brings together relevant data from numerous sources and provides exhaustive and cutting edge information.

He sincerely acknowledges to Prof. S G anapaty, Prof. B. G anga Rao from A ndhra U niversity, V isakhapatnam and M anagement, Principal and staff members of H indu C ollege of Pharmacy, G untur for their help, encouragement and cooperation during the completion of his work.

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Sir Ronald Aylmer Fisher
(17 February 1890 – 29 July 1962)

He developed the analysis of variance (ANOVA) to analyze its immense data from crop experiments.
Cryopreservation: A n Effective Conservation Technique for Various A plications in Indian Economic H ealth Sector

Kuntal Das and Raman Dang

Department of Pharmacognosy and Natural product chemistry, Krupanidhi College of Pharmacy, # 12/1, Chikkabellandur, Carmelaram Post, Varthur Hobli, Bangalore-35.

Abstract: Cryopreservation is a challenging and important technique as the viable freezing of biological materials and their storage at ultra low temperature i.e. -196 °C where metabolism of the materials gets virtually halted. This stabilization mechanism is only possible with the help of cryoprotective agents, such as dimethyl sulfoxide (DMSO), glycerol, mannitol, propylene glycol ethanediol, and propanediol with the concentration of 5-10% and the material is used as liquid nitrogen or sometimes dry ice. This method is an effective means to conserve various materials for different branches of health sciences viz. conservation of germ plasm, storage of cell cultures, storage of pollens, storage of disease free stocks, cold acclimatization and frost resistance, gene bank, seed bank, human stem cell and plant genetic transformation etc.

Key words: Cryoprotective, conservation, cryoprotectant, biotech modification, human stem cell, natural resources.

Introduction:

In the recent year, drastic increase in population, pressure on land and forest resources have been increased, which in turn caused decrease in the population of the natural bio resources and even some are on verge of extinction. Such a rapid growing population has tremendously increased the challenge for food, clothes and shelter security. Hence cryopreservation or cryoprotection is an alternate technology to conserve the all type of natural resources especially which are most essential for the man kind. The world population now is 6.7 billion and is predicted to reach 9 billion by 2050 in which India accounts for 18 percent of the world’s population, is projected to reach 1.5 billion people in 2030 and 1.7 billion in 2050, as per the recent report of United Nations Department of Economic and Social Affairs. Hence the present article provides comprehensive information on novel and potential application of cryopreservation in health economic sector especially in India.

Cryopreservation is the science of biology initiated in mid of 20th century with the gene bank created for preservation of animal sperms, embryos, cells and various microorganisms. In 1776, Spallanzani was the first person who reported the maintenance of motility of human spermatozoa after exposure to low temperatures. Mantagazza in 1866 suggested sperm banks for frozen human sperm. In 1949 Polge and colleagues discovered the effectiveness of glycerol as a cryoprotective agent for fowl spermatozoa. Furthermore in 1960 Sakai discovered cryopreservation of woody plants, cell suspension by Quatrano (1968) and somatic embryos by Nag and Street in 1973. Since 1988, cord blood is used by the medical professionals in lifesaving treatments and are continued to discover new applications for treating disease.

The goal of cryopreservation is to replace some of the water with other compounds i.e. cryoprotective agents that will not form large crystals when frozen. These cryoprotectants are act as antifreezer that means they protect bio resources from freezing damage by lowered freezing temperature with increased viscosity. DMSO (dimethyl sulfoxide) is widely used antifreeze because it is non toxic and easily permeable due to its low molecular weight. Furthermore liquid nitrogen is widely used material as storage liquid in this method because it is chemically inert, relatively low cost, non flammable, non toxic and easily available.

Advantages:

The aim of cryopreservation is to enable stocks of cells to be stored to prevent the need to have all cell lines which are have limited life span in culture at all times. Some other useful advantages are:

- Reduce genetic diversity
- Reduced risk of microbial contamination
- Reduced risk of cross contamination with other cell lines
- Reduced risk of genetic drift and morphological changes
- Reduced costs
- Saving reagents and time

Fig. 1: Basic steps for freezing embryos and Oocytes
Cryopreservation

Methods:
Various methods are used for conservation of various bio resources and essential materials. Most importantly, vitrification method is used for preservation of oocytes, zygotes, embryos blastocysts and sperms preservation. Furthermore this method is helpful for ovarian tissue cryopreservation to freeze eggs that are boon to elderly women those who are find more difficulty in conceiving or in maintaining pregnancy (Fig-1). Generally in first step, source materials that need to preserve are to be selected. Then cryoprotectants are added with suitable methods like vitrification, cryoprotective dehydration, encapsulation etc. followed by pregrowth, freezing (rapid, slow and stepwise method) storage (-196°C) and thawing (preserved sample in warm water bath at 35-40°C). Finally the survival rate of the cells and tissues are confirmed with application of Evans blue staining, Fluorescien diacetate staining or tripheyl terazolium chloride staining.

Conclusion:
By seeing all the major applications, it is concluded that cryopreservation is the effective and alternate method for preservation of all type of vital source materials to improve regeneration potential. Not only has that it also enhanced the effectiveness of their use in future clinical trials for all the major sectors.

References: