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HEADQUARTERS - Bengaluru

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APTI Celebrates Golden Jubilee Year



OFFICIAL DESK



In India, Pharmacy education began with three years degree program at Benares Hindu University (B.H.U.) in 1937. In its initial stages, the curriculum was designed to develop the expertise required for drug standards and quality control in Pharma companies. After the independence, pharmacy act was enacted in 1948 as the nation's first minimum standards of **educational qualification for pharmacy practice, education and profession of pharmacy**. Now in the country, pharmacy needs to become more efficient if it has to fulfill the ever changing

demands made by the patients and the health care system in clinical expertise. In 2008, Provisions of the Act were implemented through Pharmacy Council of India, New Delhi to serve the society along with health care professionals. The quality manpower in any field of pharmacy depends on the quality of teaching in education system. Quality teaching is the exercise of academics and techniques to produce learning outcomes of future manpower. The continuing up-gradation of them is the foremost requirement regarding the numbers of new molecules and innovative drugs flourishing in the market. The first and foremost role of higher education teachers is to be a subject expert who is acquainted with the ways to transmit knowledge.

A scenario of recruitment, retention, and development of faculty members has become an important concern of the pharmacy institutions and universities across India because the shortage of quality faculty has become increasingly acute in recent years. The academic enterprise in pharmacy has been enjoying very rich applicant pools in number, but in integrating teaching and practicing responsibilities as faculty role, the expectations have fallen short and have not reached the necessary extent. Every governing agency is furious about the status of pharmacy academics and is busy in designing protocols to assure quality in pharmacy education. But in spite of all these issues, we are lagging behind in bringing a revolutionary change in pharmacy education in the country. In the words of the Prime Minister, "The time has come to create a second wave of institution building and of excellence in the field of education, research and capability building so that we are better prepared for the 21st century". There is an urgent need to initiate an academic exercise aimed at attaining revamping of curriculum, keeping in pace with current and emerging trends in the field of pharmacy. In a framework adopted by FIP on "Policy on Quality

Assurance of Pharmacy Education" clears the global need to transform pharmacy education, assure its quality and make it socially accountable worldwide. Pharmacy practice and education are facing tremendous changes following new scientific discoveries, technology trends and evolving patient needs, as well as the advanced competencies required in pharmacists for current and future practice as health care professionals and in other roles in society. There are many constraints faced by teachers in pharmacy education. The faculty should look for innovations in quality practice that are realistic in function and can generate results. The best way for oneself is to become a "Local Expert in an Area of Interest" and should take advantages of extracurricular as well as professional activities. For instance, a collaboration of a clinical pharmacist with the budding pharmacist through a unique training program between the academics and society would improve the overall quality of the experiential education activities. The dimension of excel of pharmacy education as well as profession is limitless. A small change in the daily practice of pharmacy education would certainly bring large changes in the pharmacy profession. It is the time to setup an endeavor in academic environment and mentorship for upcoming faculty members by whom they could enhance their likelihood of success and fulfills the expectations of quality in pharmacy.

In the country like India, there is huge diversity in geography, climatic conditions, local needs of the public, personal and communication barriers but still government as well as professional bodies like APTI and IPA have to come forward to maintain the teaching quality in every corner of the country via uniformity in curriculum design and trained teachers through continuing education activities to fulfill contemporary needs of Pharma sector.

With warm regards,

Dr. Swamlata Saraf

Vice President -APTI National

Professor of Pharmaceutics

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Secretary APTI

INSTITUTIONAL NEWS



Dr. Bhushankumar S. Sathe (NBA Coordinator) with help of Principal Dr. G. P. Vadnere and all the Teaching, Non-Teaching faculty members submitted the SAR for Accreditation to National Board of Accreditation, New Delhi. The Chairman Prof. Dr. Khar along with committee members visited the college on. The committee during visit along with Dr. Bhushankumar Sathe physically verified all the facilities avail to students and teaching -learning process and all the processes followed by the college for the development and up gradation of the students. Hon. Committee members also verified all examination related procedures from NBA Coordinator Dr. Sathe along with separate Exam In charge Md. Rageeb Md. Usman and Mr. Hirole, were as Training and Placement (TPO Cell) was narrated by Mr. Bharat Jain and Mr. Sandeep Pawar like MOU Partners and students placed for higher studies and for jobs in various pharmaceutical companies. Dr. Sathe, Dr. G. P. Vadnere along with Dr. A. V. Patil arranged the Parents meet, followed by Alumni meet. Md. Rageeb Md. Usman, Mrs. Surekha Salgar and Mrs. Kranti Patil looked after the Deptt. of Pharmacognosy, Dr. J. C. Hundiware along with Mr. Tushar Patil took the charge of Deptt. of Pharmacology while Dr. A. V. Patil Deptt. of Pharmaceutical chemistry and Dr. Bhushankumar Sathe and Mr. Tanvir Shaikh as Deptt. of Pharmaceutics contributed for the success.



The **Placement Cell of Nirmala College of Pharmacy, Muvattupuzha** is involved in directing the students towards various programs in and outside campus which will help them to mould a fruitful career in

pharmacy or related professions. Final year B-Pharm students of our college attended a career guidance programme, "The Global Education Interact" organized by "The Chopras" a Renowned Abroad Educational Consultancy Services having Branches all over India, at "The Gateway Hotel, Ernakulam" on 27th September 2016. The students had an interactive session with delegates of Universities in Australia, Canada and UK. The programme provided a platform to interact with university delegates from Anglia Ruskin University UK, University of Tansania, Australia etc and their counseling helped the students to familiarize with the courses offered, curriculum, fee structure and various scholarships. Display of brochures and booklets of different universities, supported the students to get more information on their preferred area of interest. The various post graduate courses that the pharmacy graduates select to streamline his/her career include Pharmaceutical Science, Forensic Science, Biomedical Sciences, Applied Biosciences, Public Health and Healthcare Management. The students got acquainted with the procedures for admission to foreign universities and about the recommendations to be fulfilled when filing the applications. They also got enrolled in the registration of various foreign universities which they found apt so that they will be getting the details regarding admission well in advance. Attending such program will open the windows of career opportunities and this session created an interest on choosing a career abroad in many students. A total of 54 students and 4 faculty attended the programme. University delegates from Anglia Ruskin University having campuses at Cambridge and Chelmsford, proposed for a Seminar that can be conducted during January 2017 at Nirmala College of Pharmacy, Muvattupuzha.



With an objective to provide training for pharm D students, an interactive session was arranged with Dr. Dixon, Assistant Professor, Gulf Medical University, UAE at **Nirmala College of Pharmacy**, Muvattupuzha, Kerala. Inaugural address was given by Father Jose Mathai Mailadiath, Administrator of Nirmala College of Pharmacy and he advised the students to approach the patients with compassion to provide better patient care. Dr. Dixon delivered a **lecture on "Patient assessment by Pharmacist and scope of Pharm D"**. Since the restriction of patient

interaction imposed on healthcare professionals is decreasing, the scope of pharmacy professionals is increasing. Medical and medication history taking by pharmacist is common in many countries and he mentioned about the various patient assessment skills that should be acquired by pharm D students. Methods of patient assessment through identification of common clinical signs and interpretation was discussed in detail and demonstrated with the help of Aby Paul, third year pharm D student. He emphasized the need of system wise review and the techniques of physical examination such as inspection, palpation, percussion and auscultation. He emphasized the importance of self-learning and the area of interest should be identified and focused. Faculty members and Pharm D students attended the session. Prof John Joseph, Academic advisor, concluded the session by appreciating Dr. Dixon and motivated the students to prepare themselves for self-learning to reach heights.



Annamacharya College of Pharmacy was established in the year 2003 by Annamacharya Educational Trust has become the first pharmacy college in rayalaseema region have acquired NBA accreditation for UG Pharmacy programme, a rare achievement among the pharmacy colleges.

The college presently offers B. Pharmacy, M. Pharmacy with 07 specializations in Pharmaceutics, Pharmaceutical Chemistry, Pharmaceutical Analysis and Quality Assurance, Pharmaceutical Analysis, Pharmaceutical Drug Regulatory Affairs, Pharmacology, Pharmaceutical Technology, Doctor of Pharmacy (Pharm D & Pharm D (Post Baccalarate))), courses and Ph.D in Pharmaceutical Sciences Programme.

Being a NBA Accredited college, the institution looks forward to incorporating Programme educational outcome to achieve outcome based education. Apart from the regular class room training, the students are invariably encouraged to take part in medical camps through National service scheme, Yoga, Meditation, Extra moral activities, National and International conferences, Industrial and Language Laboratory training says the Principal, Dr. C. Gopinath.

He says NBA accreditation gives high academic quality and professional relevance through advanced teaching learning process.

The college intends to focus on enhancement of knowledge skills of students involving them in exposure with guest lecturers from National and International University intern of training and placements.

The Secretary, Sri.C. Gangi Reddy, Treasurer & executive Director, Sri.C.Abhishek Reddy, Chairman, Dr.C. Ramachandra Reddy and Vice-chairman. Sri.C. Yella Reddy said the Students studying in NBA accredited Institutions like Annamacharya College of Pharmacy can be assured that they will receive a quality education and they would become a very good citizen with good morals.



Lokneta General Vichar Manch launched the book, **"Physicochemical Principles in Pharmaceutics"** written by Dr. Jasmine Gev Avari, Professor in Pharmacy Department, RTMNU. She also happens to be the wife of Shri. Gev M. Avari (Ex.M.P.).

The book launching programme was spectacular in the sense that eminent educational dignitaries gathered together to grace this occasion. The Vice chancellor of RTMNU Dr. S. V. Kane and the eminent educationalist & Orator Dr. Vedprakash Mishra Chancellor of Krishna Institute of Medical Sciences, Karad were the Chief Guests. Other Special Guests' included Dr. Pramod Yeole Pro-Vice Chancellor and an authority in Pharmaceutics, Dr. Puran Meshram, Registrar of RTMNU and Dr. Arun Patil Professor in Pharmaceutics at Kamptee College of Pharmacy.

The function was presided over by Shri Gev M. Avari (Ex. M.P.) and founder of the Manch. Seated on the dias included hon'ble Shri Haribhau Kedar Ex. V. C. of Nagpur University and Mr. Yadavrao Deogade (Ex.M.P.) and Mr. Gokul Pandey, Director of Himalaya publication which has published this book and Prof. A. S. Ukhalkar. The office bearers of Vichar Manch namely Shri Ramesh Giradkar, Dr. Mahadev Nagrale, Mr. Subhash Mathurkar, Mr. Gyaneshwar Chamat and Mr. Pyarekhan Pathan were seated on the Dias.

The programme was conducted by Ms. Princy S. Morris and Ms. Swati S. Gaikwad. The Vote of thanks was ably proposed by Mrs. Suparna Bakhle.

The programme commenced with the lightening of the traditional lamp and garlanding statuettes of Goddess Saraswati, Rashtrasant Tukadoji

Maharaj and Veteran Freedom Fighter and leader of the masses Late Gen. Manchershaw Avari. The august audience witnessed raptures applauses as one dignitary after another spoke in their unique styles. After a long time in the history of Nagpur University all the authorities of the university came together to bless the author Dr. Jasmine in her maiden venture of writing a book.

Mr. Gev M. Avari (Ex. M.P.) who presided over the function opted to make introductory remarks in the beginning. He described how by his marriage to the author he came to know the Pharmacy Department and the University working at the closer range. Stating that he was here in his capacity as ex-student leader of Nagpur University, Ex-Alumni of this university and the spouse of Dr. Jasmine Avari, he very lucidly spoke about the activities of General Avari Vichar Manch. Book launching fits in the word of 'Vichar' at the Nagpur University level and said that this is the second book launching we have undertaken apart from so many other social and charitable programme. He also introduced the guests in his inimitable style. Dr. S. V. Kane, Vice-Chancellor in his speech lavishly praised the book by saying that the medicine of knowledge will reach like Ganga Jal through the book. He reminiscenced his association with the Pharmacy Department as Professor of Statistics before becoming the VC.

Dr. Ved Prakash Mishra in his oration said that Dr. Jasmine's book is written in a simple and illustrative way so that student's can benefit from it. Dwelling on the teacher's he said that teachers should have the potential to teach students clearly instead of shirking responsibility by saying "Student's don't understand anything." Praising the efforts of Dr. Jasmine Avari he said the book is an attempt to make the system student oriented. He was of the view that the present education system should be more student centric rather than teacher and educationalist centric as it is now. This book is the first step towards that.

Lamenting that due to political interference Pharmaceutical Department is still following outdated methods of imparting education, opined Dr. Pramod Yeole, Pro-VC of RTMNU. To set right this anomaly he requested the Vice-Chancellor to announce the renaming the Faculty of Medicine in Nagpur University to Faculty of Pharmaceutical Sciences. The Hallmark of the programme was that the Hon'ble V.C. immediately announced that this will be done in two days.

In his speech the Registrar of RTMNU Dr. Puran Meshram said that he believes that just as Pharmaceutical Sciences are important, same way more research and attention is needed to start a new branch called 'Social Pharmacy', while praising the effort's taken by the author Dr. Jasmine Avari. He also praised Mr. Gev M. Avari for organizing such a wonderful programme.

Dr. Arun Patil the author's guide in M-Pharm praised the diligence, hard work and perfection of Dr. Jasmine Avari during her student days. He

suggested that since teaching pharmacy subjects through old books is very difficult, Jasmine should write another book on 'Bio-pharmaceutics.'

The author Dr. Jasmine Avari in her speech thanked the dignitaries and felt privileged that all eminent top brass of the University came today to bless her. Describing in detail her book she said that this book would be especially useful for B-Pharm IIIrd year students, M-Pharm Pharmaceutics students as well as Ph.D research scholars. She thanked all her Ph.D research scholars for their untiring efforts. She also thanked Mr. Gev M. Avari (Ex. M.P.) her husband for his motivation and inspiring her to write this book.

Those prominently present in the audience included Mr. Edul Bhagwagar noted industrialist of Nagpur, his wife a free lance journalist Mrs. Dilnavaz Bhagwagar, Prof. Shernaz Buhariwalla Ex. HOD English Literature RTMNU, Dr. Thrity Patel Ex. HOD of Law College RTMNU, Ms. Najoo, Ms. Amy and Ms. Thrity Dungore paternal aunts of the author, her daughter Ku. Shernaz Gev Avari, Congress leader Raja Dronkar, Rajendra Kalmegh, Wamanrao Ramteke, Mukund Uike, Jayant Dalvi, and Shri Sanjay Shende were present. The programme ended with tea and snacks.



Vivekanand Education Society's College of Pharmacy (VESCOP), Mumbai is the 24th jewel in the crown of the Vivekanand Education Society. VESCOP was founded in 2007 with a goal to impart quality education in Pharmacy. The institute is currently mentoring its eighth batch of B. Pharm. It has also successfully tapped into higher educational avenues of Masters of Pharmacy (Quality Assurance, Pharmaceutics and Pharmaceutical Chemistry) and, that of the Ph. D. in the branch of Pharmaceutics.

In line its vision to create competent pharmacy professional that will positively impact healthcare of the society, VESCOP has been striving hard in all spheres of education so as to give maximum exposure to the students. Over a short span of 9 years, the institute has actively participated in the research and received grants from AICTE, BIRAC and some multinational pharmaceutical industries for the research and development activities.

As part of regular quality check, VESCOP had participated in prestigious AICTE (All India Council of Technical Education) –CII (Confederation of Indian Industries) best Industry-linked pharmacy institute (Degree) survey which was recently conducted at UK-India Tech Summit held at New Delhi. This summit was jointly inaugurated by Hon. Prime Minister Shri Narendra Modi and UK' PM Theresa May on 7th November 2016.

AICTE–CII, with the aim of fostering industry academia linkages, as well as promoting innovation and entrepreneurship among students, has since 2012 introduced the AICTE-CII annual awards. High levels of parameters are set for judging technical institutes. The yardstick comprised certain critical areas like faculty, placement, Curriculum, Research/ Consultation, Infrastructure and Governance. Based on the objective scores achieved by each institute, they were shortlisted for second stage of assessment and scrutiny by the Jury members from CII & AICTE.

Out of total 890 participating institutes in the category of Architecture, Pharmacy, Management and Engineering, 48 institutions were shortlisted for the second level of evaluation. Amongst them, in the category of Emerging Pharmacy degree institutions, there were 26 participating institutions and 5 of them were shortlisted for second level of evaluation, VESCOP being one of the five institutes. On scrutiny, the institute was placed in the platinum category. VESCOP was the only institution to receive platinum ranking in emerging pharmacy institutes category in the entire western zone (Maharashtra, Gujarat, Goa & Rajasthan). At national level, only 18% of the total participating technical institutions qualified to the platinum category. The national average score for all disciplines was 19.24, the average score of pharmacy discipline was 24.57 whereas VESCOP scored an impressive 51.57. The efforts made by VESCOP in establishing industry-connect was appreciated. This prestigious certificate was handed over by the Chairman of AICTE Prof. Anil Sahasrabudhe to the Principal of the college during UK-India Tech Summit.

Shri. B.L. Boolani, who is the trustee-in-charge of the institution, has been the driving force for motivating to establish the industry linkages and promoting research. His guidance and proactive support by the VES Management has created very conducive environment in the institution leading to establishing high goals.

The college is headed by Principal Dr Supriya Shidhaye, who is an eminent academician and a competent administrator having more than 2 decades of experience in Pharmacy academics. She has been very proactive in increasing industrial collaborative Research and increasing industrial exposure of the students. This ranking has been the fruit of her leadership and efforts.



One of the premier institutes in Pune, **Sinhgad College of Pharmacy** catering to pharmacy education for undergraduate, post- graduate and PhD students in Pharmacy signed an MOU with University of Auvergne, Clermont-Ferrand, France in various areas in the year 2015. The objectives of the MOU are to develop a collaborative working relationship between both the institutes. This will involve exchange of students and researchers and faculty for the purpose of advanced education, pharmaceutical research and outreach. Information exchange, joint seminars, biopharmaceutical and pharmaceutical technology research and development including IVIVC and development of a collaborative working group are also some of the initiatives of this MOU. Thus joint research programs, joint exchange program, advanced education partnership and joint symposia are the main focus of this program. This MOU was initiated and executed by Dr. Amelia M. Avachat, Professor, Dept. of Pharmaceutics and ably supported and guided by the principal Dr. K.N. Gujar under the leadership of Prof. M.N. Navale, founder President Sinhgad Technical Education Society, Pune.

Under this program four students from the Diplome in Pharmacy (6 year course in France) have already completed their 3 months internship from 1st October to 31st December 2015 under the guidance of professors in the Pharmaceutics department. A joint paper between both the institutes on IVIVC has also been published in the Journal "Dissolution Technologies" in the November 2016 issue. Continuing with the student exchange program, five students of the Third Year B.Pharm. would be doing their project in France from 1st June 2017 to 31st July 2017.

Eight Annual convention of Society of Pharmacognosy, Gujarat Chapter was organized by Dr. Biren N. Shah on '**Role of Indian system of Medicine in the Era of Make in India**' at **S. N. L. Patel College of Pharmacy, Umrakh**. More than 200 delegates from different Pharmacy Colleges and industries of Gujarat participated in the seminar. Inaugural function was followed by registration and breakfast. Seminar was commenced with prayer and lamp lighting by the Chief guest Dr. Navin R. Sheth, President Dr. Mamta B. Shah, Conveners Dr. D. P. Shah



(Principal, S. N. Patel College of Pharmacy, Umrakh), Dr. Biren N. Shah (Head, Dept. of Pharmacognosy, S. N. Patel College of Pharmacy, Umrakh) respectively. Principal Dr. D. P. Shah in his welcome address encouraged delegates. Dr. Biren N. Shah welcomed the guests & delegates and gave brief outline of the program. Dr. Mamta B. Shah gave a brief account of annual activities report and suggested remedies for uplifting present situation of Pharmacognosy subject.

First session was chaired by Dr. N. M. Patel. Dr. N. R. Seth, Director, Board of Pharmacy Education, AICTE, New Delhi delivered interesting and informative talk on 'Regulatory aspects of Herbal Drugs'.

Second session was chaired by Dr. Vineet Jain, Head and Prof. in SDPC, Kim. Mr. Jigar Shah MD, Paras herbals, Vadodara gave extensive information on 'Present scenario of Ayurvedic medicines & role of pharmacist to improve industries in the era of make in India.

Annual general body meeting was arranged. Dr. Biren Shah suggested to work collaboratively and in coordination of all Pharmacy institutes, industries and other allied institutions. Dr. Mamta Shah appealed the participants to become life member of Society of Pharmacognosy.

All members had unanimously nominated following office bearers.

President: Dr. Mamta B. Shah (L. M. college of Pharmacy, Ahmedabad)

Secretary: Dr. R. K. Patel (Kherva)

Vice President: Dr. Biren N. Shah (SNLPCP, Umrakh)

Dr. U. M. Upadhyay (Sigma, Baroda)

Dr. Vinit Jain (Kim, Surat)

Dr. Sangita Shukla (Ipcowala, VVN)

Dr. Maitreyi Zaveri (KBIPER, Ghandhinagar)

Dr. Pinal Harde (C. K. Pithawala, Surat)

Dr. Devang Pandya (R. K. University, Rajkot)

Dr. Niyati Acharya (Nirma, Ahmedabad)

Jt. Secretary: Dr. Sanjiv Acharya (Nirma, Ahmedabad)

Treasurer: Dr. Dharmesh Prajapati (B.M.Shah, Modasa)

Executive Members Dr. Bhavesh Nayak (Zundal)

Dr. Chaityana Bhatt (KBIPER, Gandhinagar)
 Dr. Ashwin Dudhrajia (B. K. Modi, Rajkot)
 Dr. Kaushik Kannada (Bapu College, Balava)
 Dr. Niranjana Kanaki (KBIPER, Gandhinagar)
 Dr. Dixit Modi (Umrakh)
 Dr. Krupa Gadhvi (LMCP)
 Dr. Vikram Trivedi (Vasu Res. Center, Baroda)
 Mr. Siddharth Panchal (L. J. Inst. Pharmacy, Ahmedabad)

Invited Members

Dr. M. G. Chauhan (Ahmedabad)
 Dr. N. M. Patel (Ahmedabad)
 Dr. K. N. Patel (SAL Inst. Pharm.)
 Dr. A. K. Saluja (Vallabh Vidyanagar)
 Dr. Vimalkumar Jain (Nirma, Ahmedabad)
 Dr. Pundarikshudu (Ahmedabad)
 Dr. Dr. N. R. Seth (Ahmedabad)
 Dr. Minu Parabha (Surat)
 Ms. B. K. Shah (Ahmedabad)
 Dr. N. S. Kapadia (Ahmedabad)

It was decided for all office bearer of Society of Pharmacognosy, Gujarat state branch to become life member of Society of Pharmacognosy.

In valedictory function, Chief guest Dr. Mamta Shah put forward suggestion for working together in the interest of society. Dr. Biren Shah, expressed thanks for attending the seminar and acknowledged efforts made by his team in organizing this seminar and passed vote of thanks to those who had directly or indirectly given support for making this function successful. The delegates had heartily congratulated and expressed their sincere thanks to the organizers for inviting learned speakers, well-known guests and the hospitality.



In **Nirmala College of Pharmacy**, Dept. of Pharmacognosy organised a **National Seminar** on the topic '**Herbal Drug Research- a Nano Molecular Level Exploration**', as second module of NILA (Nirmala Ignites Learning Aspiration). The main aim of seminar was to inspire the young faculty and students towards the field of herbal drug research and

to garner the current trends and views of herbal drug industry, its research and developments. The seminar also intends to develop entrepreneurs for cultivation and trade of drugs, and mainly focused on B.Pharm students to maintain a professional touch.

The seminar commenced at 10.00 am on Saturday 24th September 2016, presided by Rev. Fr. Jos Mathai Mailadiath, Administrator, Dr. P. Perumal, Principal, Nirmala College of Pharmacy. Seminar was inaugurated by Rev. Dr. George Thanathuparambil, Higher Education Secretary, Kothamangalam Diocese in the presence of Chief guest Sr. Dr. Tessy Joseph, S.H., Head, Department of Botany, Nirmala College. It was followed by Plenary sessions and valedictory function.

The first plenary session was on the topic "Biodiversity and Method of Conservation of Medicinal Plants", led by Dr. Mathew Dan, Scientist E₁, Plant Genetic Resources Division, JNTBGRI (Jawaharlal Nehru Tropical Botanical Garden and Research Institute), Thiruvananthapuram. He explained different types of wild diversities and species diversities worldwide. He also detailed about in-situ and ex-situ conservation methods. He also pointed out the indirect human activities which makes loss of biodiversity. The strategy, action plan and rules of National Biological Diversity Act, Kerala Biodiversity Act and role of medicinal plants in Indian economy were also discussed. Topics like value of characterisation of medicinal plants and aromatic plants were also covered.

The second plenary session led by Dr. B. Sabulal, Principal Scientist and Head, JNTBGRI, Thiruvananthapuram, was on the topic "Chemical and Spectral Approaches to Molecules of Natural Origin". The session detailed on isolation, identification, and biological assay processes. He also focussed on the basic principles and applications of spectroscopical methods in identification of phytochemicals highlighting examples. Discussed on genotypes and chemotypes with special reference to different species and new essential oil sources in plants. He pointed the reality of chemotaxonomical studies and methods UV induced visual cues in grasses and blue fluorescence emissions.

The third plenary session on the topic "Gene Mapping and DNA Fingerprinting" was led by Dr. Reji J V, Associate Professor, Dept. of Biotechnology, Sathyabhama University, Chennai. In the session, he explained about genome maps which are used to pinpoint the location of specific features on the chromosome of an organism. They are essential tools for comparing genomes of different species, for complete genome sequencing and also as a tool in identifying genes responsible for diseases or traits, he explained in detail about genome restriction enzymes, physical mapping, genetic linkage mapping, fluorescence in-situ hybridisation, molecular markers like AFLP, RFLP, RAPD and so on.

Seminar concluded with valedictory function. **Rev. Dr. George**

Karakunnel, Director of NESTT delivered valedictory message and certificates for various institutions were distributed.

In the seminar around 300 participants from different institutions were benefitted and was very informative and useful.



World Pharmacist day was celebrated at **ADINA Institute of Pharmaceutical Sciences, Sagar (M.P.)**. On this occasion, Director of the institute Dr. Sunil Jain, discuss about the role of pharmacist in medicine, health and society in his speech. All faculty members delivered their speech on the theme "**Pharmacist: Caring for you**" and motivated the students for their services towards the society. Students presented their views through oral/posters presentation on this day. Chairman Shri Rajesh Jain, Dr. Ashish Jain, Dr. Prateek Jain, Mr. Vaibhav Uplanchiwar, Dr. Rupesh Gautam , all faculty members and students were present in this programme.



On the occasion of **World Pharmacist Day** and **55th National Pharmacy Week, Sinhgad College of Pharmacy** organized Pharma Rally. The motive of the rally was to create awareness about the role of Pharmacist in prevention and management of diabetes.

Over 300 Students from Sinhgad College of Pharmacy, 50 NSS volunteers and staff members wholeheartedly participated in the rally. Students distributed informative pamphlets to the residents of Vadgaon and college road area which helped to create the awareness regarding type 2 diabetes. Dr. K. N. Gujar, Principal, Sinhgad College of Pharmacy inaugurated the rally. The Rally evoked very good response

amongst the local residents. Prof. S.S. Kale, NPW co-ordinator and Prof. H. A. Ranpise, NSS programme officer, alongwith Prof. S.K. Mandlik and Dr. M.S. Gambhire coordinated the rally successfully.



Kalyani Charitable Trust's R. G. Sapkal College of Pharmacy and R.G.Sapkal Institute of Pharmacy, Anjaneri, Nashik celebrated **World Pharmacist Day**.

Dr. R. B. Saudagar, Principal of R.G. Sapkal College of Pharmacy in his inaugural speech focus on recent development in pharmacy field and he guided the students how they can prepare for it.

Chairman of Sapkal Knowledge Hub, Hon. Ravindra Sapkal, Prof. A. K. Mansuri, Director-Campus & Administration of SKH, Dr. V. J. Gond, Principal of Late G. N. Sapkal College of Engineering, Dr. S. B. Dhande, Director of K. R. Sapkal College of Management Studies graced the occasion.

On this occasion more than 25 chemists attended the world Pharmacist Day and they were felicitated for their tribal, social contribution by Sapkal Pharmacy.

A poster making competition was also organized with a theme "Pharmacist-Caring for you". More than 50 students participated in it. Prof S.B.Gondkar and Dr. A. B. Darekar judged the competition. Hon. Ravindra Sapkal, Dr. R. B. Saudagar distributed prizes to winning participants. Prof. S. B. Gondkar proposed vote of thanks.

Organizer Dr. R. S. Bachhav, Prof. D. G. Umalkar and all staff members took efforts for the success of the Programme. The Programme was concluded by national anthem.

Rajiv Memorial Education Society's College of Pharmacy Gulbarga in association with Origiin IP Academy Bengaluru and SarvaJyoti Educational & Charitable Trust Gulbarga organized one day workshop on Intellectual Property Rights at college auditorium to benefit the students and faculty. Principal Dr Ashok Kumar Malpani welcomed the participants and resource persons illustrating the importance of IPR in the course of study and research.



First speaker of the session was Ms Bindu Sharma, from Origiin IP Academy Bengaluru gave her valuable comments on patenting procedures and time lines regarding patent filing. She also talked about the Importance of IP to researchers, students and faculty of academic institutions which was highly appreciated by the participants.

Second speaker was Ms Deepa, from Origiin IP Academy Bengaluru made a presentation on "invention & innovation".

The other speakers Ms Jyoti S K and Dr Sarvamangala of SarvaJyoti Educational & Charitable Trust Gulbarga had interactive session.

Mr Riyaz Miya lecturer Rajiv Memorial Education Society's college of Pharmacy Gulbarga was the convener of the workshop.

Overall the IPR workshop was very successful and encouraging for organizers and participants, which created a buzz among the researchers.

A two days International Conference "INNOVATE 16" on Use of National Medicines Policy and Bio-Statistics in Pharmaceutical Sciences was organized in **Pulla Reddy Institute of Pharmacy**, Dundigal, Hyderabad, Telangana, India in association with International Society for Pharmacoeconomics and Outcomes Research (ISPOR).

The chief guest of the event was T.V Narayana, Chairman of IPA-EDU and the guest of Honour, Dr. G.Krishna Mohan, Professor, College of Pharmaceutical Sciences, IST, JNTUH. The validictory program was graced by the Honorable Dr. Lingaiah, Senior Scientist, IICT. The event was also honored by the special invitee Dr. Dayakar Thota, Executive Director, Ram Dev Rao Memorial Hospital, Secretary of St. Peter's Institute of Pharmaceutical Sciences, Mr. Jaipal Reddy and the principal of St. Peter's Institute of Pharmaceutical Sciences, Dr. Suresh Bhandari and Chairman of MLR college of Pharmacy, Mr. Rajasekhara Reddy the Director of Pulla Reddy Institute of Pharmacy, Mr. Aditya Reddy, Chairman, Sathi Reddy and Dr. V. RamaMohan Gupta, Principal of Pulla Reddy Institute of Pharmacy as convener.

Souvenirs were then released by the chief guest T.V Narayana, presided over the function and expressed his appreciation towards the organizing Institution for opting to organize such a huge event with good theme.

A MOU was also signed between the deans of the two colleges for exchange of students and Faculty of Pharmacy in the conference.

The scientific session was initiated with lectures of the guest Speakers for the event Dr. P.T.Thomas, Professor & Dean, School of Pharmacy, Taylors's University who delivered on Usefulness of National Medicines Policy. Valuable remarks were proposed by Chair-person for the session, Dr. M Sunitha Reddy, Associate Professor & HOD, Centre for Pharmaceutical Sciences (CPS), IST, JNTUH. Second scientific session was engaged by lectures of Dr. Zorah Aziz, Associate Professor & H.O.D, University of Malaya, Malaysia on Metanalysis, Strengths and limitations and the Chairperson for the session was Dr. Ajitha, Associate Professor & BOS chair-person CPS, IST, JNTUH. The third scientific session was handled by Dr. Phayom Sookaneknun, Assistant Professor, Associate Dean for International Relations Mahasarakham University, Thailand who delivered a lecture on Smoking Cessation and the chair-person was Dr. S. Shobharani, Assistant Professor & Additional Controller of Examinations-I, IST, JNTUH. The three of the lectures by the distinguished guest speakers were brain storming, persuasive, inspiring and very informative. The Chairpersons had given their valuable remarks on the lectures given by the Guest Speakers.

Poster presentations and Oral Presentations were also organized by the Institute, where participants from different colleges, universities and institutions all over south India had participated. Around 400 posters and 80 Oral presentations were evaluated by nearly 12 Professors from the colleges under JNTU- Hyderabad.

The press and media were also invited to cover the event and they interviewed delegates from different Institutes and colleges.

During the valedictory function which was honored by Dr. Lingaiah Nagarapu, Principal Scientist, CSIR-Indian Institute of Chemical Technology, Council of Scientific and Industrial Research, awards were presented to the winners of the posters and Oral presentations from different departments in the field of Pharmacy.



As per the official announcement of Pharmacy Council of India, **Rajiv Gandhi Institute of Pharmacy** (A Constituent Unit of AKS University,

Satna) Organized "**Pharmacist's Day Celebration**" on 25th September 2016 at University campus in **Association with State Pharmacists Association** (SPA), Rewa Division (MP) involving all pharmacy professionals Viz; academics, Govt. Pharmacists & students.

As a part of "Pharmacist Day Celebration", The institute has Organized an "Oath Taking Ceremony" function in the Central Hall. Dr. S.P.Gupta, Associate Professor & Head, Rajiv Gandhi Institute of Pharmacy (A Constituent Unit of AKS University, Satna) motivated the students and encouraged them for joining the Pharma profession. He further made everybody to take "Pharmacist Oath". Shri. Shankar Lal Tiwari, MLA, Satna was the Chief Guest of the occasion and Dr.P.K.Banik, Hon'ble Vice-Chancellor, AKS University, Satna and Er. A.K.Soni, Hon'ble Chairman were the Guests of Honor of the occasion. Dr. Abhimanyu Singh, Joint Director, Rewa, and Dr. S.P.Mahapatra, Associate Professor, Department of Pharmacology, S.S. Medical College, Rewa were the Special Guests. Other Guest's of the occasion includes Our Management Member's of the University, Shri Awnish Kumar Soni, Shri Ajay Kumar Soni & Shri. Amit Kumar Soni, Mr. Brajendra Kumar Soni, Administrative Officer, AKSU, Mr. S.K.Soni, Chief IT Administrator & many other senior professionals of AKS University. Mr. I.P.Mishra, Divisional President, SPA, delivered the vote of thanks.

In the second half of the day various competitions like Speech Competition, Poster presentation & Quiz Competition were held at the department. Prizes were distributed to first three winners of each competition. Many students from the department participated in the competition and made the event successful. Faculty members who coordinated with various events of the day were Dr. (Mrs). Madhu Gupta, Mr. Prabhakar Tiwari, Mr. Ankur Agarwal, Mr. C.P.Singh, Mr. Pradeep Tripathi, Ms. Priyanka Gupta, Ms. Neha Goel, Mrs. Priyanka Namdeo & Ms. Shashi Chaurasiya made it successful with their hard efforts. Other members include Mr. Manoj Dwivedi, Mr. Nawal Singh & Mr. Pradeep Singh & Mr. Sumit Pandey who worked hard for this programme.

Pharmacy colleges today face the daunting challenge of carving out active professionals who are ready to take on the industry right as they graduate from the institute. For this just the syllabus curriculum is not sufficient unless students are exposed to what is going around in the industry these days. This thought brought in place the need of seminars and competitions to encourage student exhale all their abilities for complete growth of persona.

Two days long event started with very enthusiastic brain storming open campus competitions on 1st day i.e. scientific day named "**tech-crunch**".

Competitions including model making, innovative product packaging, oral presentation, debate and quiz were organized at **H K College of Pharmacy Campus** and students from all over Maharashtra came to participate and won prizes.

Event was followed by national seminar the other day with the gathering of renowned Industry professionals, Scientists and Professors as speakers for the event. In the seminar 44 posters entries from Mumbai and various other major places of Maharashtra were selected for presentation.

Principal ma'am, Dr. Anubha Khale initiated the inauguration by talking about innovation and challenges in pharmaceutical research. She also emphasized on responsibilities of people in pharmaceutical sector to improving health of society as experienced by records of last decades. Dr. R.B. Smarta, Managing Director, Interlink Marketing Consultancy Pvt. Ltd., Mumbai graced us by his presence as honorable chief guest of the day. He enlightened students about neutraceuticals, scope and its growth in global market, its use to treat diseases like Alzheimer's (Anoxa), epilepsy (Ketocol). The day proceeded with the sessions on 'Phospholipids as Pharmaceutical Excipient' by Mr. Arun Kedia Scientist, VAV Lifesciences, Mumbai. He enlightened audience that phospholipids are overcoming various challenges of drug delivery like solubility and penetration. Also told about application of it in modification of release patters of drugs, taste masking, as parenteral fat emulsions, targeted drug delivery, advantages of liposomes, ligand mediated liposomes. Dr. Nitesh Shah, Head- Formulation and Application services, South Asia, Evonik Industries talked on 'Hot Melt Extrusion Technology'. He kept audience glued with description, advantages and disadvantages, types, phases of HME process along with his encouraging words for eminent scope and various products like biodegradable impacts, contraceptive impacts.

The noon session began with 'Pharma Solution for Novel Drug Delivery System' by Mrs. Seema Trivedi GM, Technical, Anshul Life sciences, Mumbai. She spoke about modified release systems, like extended and delayed release, matrix dissolution controlled systems and polymers like Any Coat C, Ethyl cellulose. She introduced audience to new concept of medicated chewing gum and oral dispersible thin films and its advantages. The last session of the day was 'Benchtop NMR- A new boon to NMR Spectroscopist' by Mr. Sandip Jagtap, Application & Product Specialist NMR, LabIndia Analytical Instruments Pvt. Ltd., Thane. He talked about how NMR works and how to choose NMR instrument based on its resolution, sensitivity. He also explained unique feature of Bechtop online reaction monitoring analysis and its student friendly application.

Event concluded with prize distribution ceremony to all the winners only after vigorous multi-step evaluation of participants work. Based on matter and presentation Aishwarya Kanagal along with Aishwarya Lad of HK

College of Pharmacy hailed 1st prize for their poster entitled "Combination Drug Therapy for Polycystic Ovary Syndrome".



Indian Pharmaceutical Association (IPA)-Lam Local branch of **Chalapathi Institute of Pharmaceutical Sciences (CLPT)** conducted "State Level Elocution and Extempore Contest" to all the pharmacy colleges in the state on the eve of **World Pharmacist's Day**. The theme "Pharmacist: Caring for you" given by Pharmacy council of India. In this contest a total of 130 students from 7 pharmacy colleges actively participated in elocution and extempore said Prof.Rama Rao Nadendla, principal, CLPT cum President IPA-lam local branch to the press and media. Sri.Y.V.Anjaneyulu, president, Chalapathi Educational society (CES), Guntur and Sri Y.Sujith, Hon.secretary of CES, Guntur conveyed their best wishes to winners of the competitions.

Dr.Rama Rao Nadendla, principal said that there are two events in this competition viz., Elocution on theme "Pharmacist: Caring you" and Extempore on themes and relevance of Pharmacist and its role towards community in strengthening the healthcare. The winners of elocution were, Ms.J.Bhavana, NRI college of Pharmacy, Agiripalli won 1st prize reward of Rs.10,000/-; 2nd prize of cash reward of Rs. 5000/- was secured by Mr.Y.V.H.Shankar, Chalapathi Institute of Pharmaceutical Sciences, Guntur; 3rd prize Rs.2000/- won by Mr.R.Babu Rao, SIMS college of Pharmacy, Guntur.

In Extempore 1st prize of Rs.10, 000/- by Ms.A.Uhajanli and 3rd prize Ms.B.Uma Mounika with cash reward of Rs.2000/- of Chalapathi Institute of Pharmaceutical Sciences, Guntur and 2nd prize Rs.5000/- won by Ms.B.V.Jhansi, Priyadarshini institute of pharmaceutical and education and research.

The office bearers of IPA-lam branch, Dr.Rama Rao Nadendla, president, Prof.K.N.Rajinikanth, vice-president; Mr.S.S.Mani Kiran, hon.Secretary; Mr.V.Pradeep Kumar, hon. treasurer; executive council members Ms.N.SanthiPriya, Mr.Madhu Gudipati and Mr.B.Valli Manalan were local organizing committee and detailed the IPA-lam association is having around 60 life memberships and 60 student memberships were actively engaged in creating awareness in society

about pharmacist and their role safe medication through door-door canvas, medical camps at cultural events and expo's and at walking tracks.



Srinivas College of Pharmacy in association with **Indian Pharmaceutical Association**, Local branch, Mangalore organized a function to mark "World Pharmacists Day" in Valachil Campus. Sri. Shankar Naik, Asst. Drugs Controller, Mangalore, inaugurated by lighting the lamp. He highlighted the significance of Pharmacy profession which can make the society free from sufferings.

Dr. A.R.Shabaraya, Principal & Director, Srinivas College of Pharmacy and also President, IPA, local branch, Mangalore in his presidential remarks called upon the budding Pharmacists to uphold the ethics and importance of this noble profession in healthcare system.

Guest of honour, Sri Dhananjay H, Drugs Inspector, Mangalore exhorted the budding Pharmacists to play key role in total healthcare system to provide better services to the needy and also stressed the importance of new opportunities in pharmacy field.

Smt. R.S Nalini, Pharmacist, Vaibhav Lakshmi Medicals, Kodikal, Mangalore & Former Senior Pharmacist, District Wenlock Hospital, Mangalore was felicitated in recognition of her services in community Pharmacy. Mr. Rohinatha, secured 4th rank & Mrs. Bhavyakumari secured 5th rank in II D.Pharm examinations conducted by Drugs Control Department, Board of Examining Authority, Govt. of Karnataka were also felicitated.

Hospital, Community Pharmacists, other Pharma professionals and executive committee members of IPA local branch Mangalore were present in large numbers on this occasion.

Nishmitha, I M.Pharm welcomed the gathering. Ms. Chaithra, Ms. Savita and Ms. Prajna anchored the programme. Mr. Viresh K Chandur, Asst. Professor, Srinivas College of Pharmacy proposed vote of thanks.

Pharmacist Day is celebrated at **G. Pulla Reddy College of Pharmacy**. Sri P Kailasam, Deputy Director, Drug Control Administration, Government of Telangana is the Chief Guest on this occasion. Abhuzer



Ghufran, Clinical Pharmacist and Mr. B.Rajesh, Senior Pharmacist from Care Hospital, were felicitated in recognition of their professional service.

Chief guest Mr. Kailasam, addressed the gathering and said that the Generic medicines are also quality medicines and public should be made aware of the availability of these medicines at affordable cost. The pharmacists shared their valuable experiences while practicing the pharmacy and advised the students to follow good ethics in their future service. Dr. B.Madhava Reddy , Principal, welcomed the gathering and addressed the students. All the students and staff participated in the programme. Dr. B.Veeresh and Mrs. K Pallavi co-ordinated the programme.



In connection with **Alzheimer's Day**, **Nirmala College of Pharmacy**, Muvattupuzha organized an awareness programme based on the theme, **"Remember Me"**. The scope of this event was to motivate the students in providing pharmaceutical care to patients with Alzheimer's disease and thereby improve clinical outcomes. The programme was inaugurated by Principal Dr. P. Perumal and a pamphlet describing the etiology, stages and associated brain changes, symptoms, preventive measures and role of food habits in Alzheimers disease was released. An educational session on current knowledge about Alzheimer's disease and the importance of love, care and hope in such diseases was presented. The role of pharmacist in providing vital information for patients and their caregivers, to improve quality of life was also highlighted. This was followed by the skit performance of students based on the concerns of aged population in a positive and unique way. Through creative ornament making, students

raised fund for charity work and the amount was handed over to Principal. A questionnaire was distributed to assess the effectiveness of the programme and its evaluation revealed that none of the participants took part an Alzheimer's awareness programme earlier. More than 80% of them were not aware of caretaking of Alzheimer's diagnosed patients and 60% were not aware of dietary modifications needed to protect the brain cell. All attendees found that the programme was effective and 60% of them rated it as 'very much useful'. About 75% of participants mentioned that pamphlet provided more useful information to know about the disease. This program was a great opportunity for students to learn more about the disease since it is becoming a major public health issue and such initiatives are essential to create public awareness also.



"World Pharmacist day", acknowledges the selfless service of pharmacists and showcase their importance in healthcare profession. Being key individuals in the circle of care involving other healthcare professionals and patients, their role in evaluating the appropriateness, effectiveness and safety of patient's medications to provide better patient care, is to be much appreciated. The application of specialized knowledge on clinical use of medicines including mechanism of action, dosing, adverse reactions and drug interactions, in performing the patient care activities recommend them as an inevitable person in the healthcare team.

In connection with this memorable day, **Nirmala College of Pharmacy** established **"Patient medication counseling centre"** at Nirmala Medical Centre, Muvattupuzha on 26th Sept 2016 to offer the noble services of pharmacists to the society. The Centre was inaugurated by Rev. Dr. George Thanathuparambil, Higher education secretary of Kothamangalam Diocese and Director of Viswajyothi Engineering College. Other dignitaries including Sr. Lucita, Director of Nirmala Medical Center, Sr. Joviet, Administrator of Nirmala Medical Center, Rev. Father Jose Mathai Mailadiath, Administrator of Nirmala College of Pharmacy, Dr. Annie Paul, Medical Superintendent, and Dr. P Perumal, Principal of Nirmala College of Pharmacy graced the occasion together with the presence of other faculty members, students and patients.

The highlight of the event was the release of educational materials and leaflets. 'Patient counseling material' for various diseases (Diabetes, hypertension, coronary artery disease, Asthma, Hepatitis, Renal disease etc) were released by Rev. Dr. George Thanathuparambil and a pamphlet on rational use of medicines was released by Dr. Sr. Annie Paul. The information on educational materials includes causes and clinical symptoms of diseases, pharmacological and non-pharmacological management, emergency situation handling, dietary advice, importance of exercise and clinical condition when it is restricted etc. The significance of prescription, points to remember while on medications, precautions to be taken with pediatric medicines and pregnancy conditions and tips for healthy living were detailed in the leaflet. Another leaflet elaborating the services of patient counseling center, the information given during counseling, importance of counseling etc was released by Sr. Joviet.

The Patient Counseling Centre was opened for the public by Sr. Lucita, Director of Nirmala Medical Center and Dr. P Perumal, Principal of Nirmala College of Pharmacy. The main objective of the Centre is to provide vital information to patients on various aspects of their clinical condition that involves proper use of medications, medical devices, their administration schedule, reconstitution, action to be taken in case of missed dose, precautions, potential drug-drug and drug food interactions, contraindications, storage of medicines etc. In addition to that lifestyle modifications and medication compliance are to be highlighted during medication counseling. To sum it up, the service of patient counseling center will be an added feather to the healthcare team and a potential benefit to the patients.



The constitution day of FIP, is considered as the **World Pharmacist day** and every year it is celebrated in order to appreciate the services of pharmacists. The theme for 2016 was **"Pharmacists: Caring for you"**. **Nirmala College of Pharmacy**, Muvattupuzha celebrated the Pharmacist day with an inauguration of Model Pharmacy by Administrator, Rev Fr. Jose Mathai Mailadiath. Dr. Sr. Lins Maria, Dept. of Psychiatry, Amala Institute of Health sciences highlighted the importance of pharmacy profession and released a pamphlet detailing the services and responsibilities of pharmacist and advice to patients

regarding the proper use of medicine. Cultural events and competitions on pencil drawing, tableau and debate were conducted and prizes were distributed to winners by Dr. P Perumal, Principal and Dr. S. Kuppuswamy, Professor and Head, Dept. of Pharmaceutics. Prof. John Joseph, Academic advisor conveyed the pharmacist day message. The programme concluded by honoring Prof. Dr. S. Kuppuswamy, the senior most pharmacist in the college by Prof. John Joseph.



BLDEA's SSM College of Pharmacy & Research Centre, Vijayapur celebrated **NSS Foundation day** at college ground. The program was started with rally from Gnadhi Chowk to BLDE Campus. The program was inaugurated by flag hoisting by Dr. M B. Dilshad, Rtd. Prof. Karnataka State Women's University, Vijayapur and Dr. B G Mulimani, Chief advisor, BLDE University, Vijayapur. All faculty members and students enthusiastically participated. The program was concluded by Mr. Nanjappaiah H.M., coordinator, NSS Unit, BLDEA's SSM COP & RC, Vijayapur.



On the eve of **World Heart day**, **Periyar Health Club of Periyar College of Pharmaceutical Sciences**, Tiruchirappalli organized a guest lecture on 29th September at the institution. Prof. Dr. R. Senthamarai, Principal welcomed the gathering. Dr. R. Ravindran, MD., DM., Consultant & Intervention Cardiologist, Chennai Medical College Hospital and Research Centre, Irungalur, Tiruchirappalli delivered an awareness lecture on heart disease. He elaborated that heart disease is one of the leading causes of death worldwide. He added that heart disease has been traditionally thought of as an "older person's" disease or a "man's"

disease. But in reality, close to half of all deaths due to heart disease are in women. He insisted to engage in heart-healthy activities, with exercise and good diets. Dr. A.M. Ismail, Emeritus Professor and Dr. G. Krishnamoorthy, Vice Principal graced the programme. Senior Citizens of Samy Kaivalyam Home, Faculty & Students of the institution attended the programme. Dr. T. Shri Vijaya Kirubha, Secretary, Periyar Health Club proposed vote of thanks.



On the eve of **National Eye Donation Fortnight** which is observed every year, a campaign was conducted on by **Periyar Health Club of Periyar College of Pharmaceutical Sciences**, Trichy to create awareness about the importance of eye donation and to motivate students and faculty to pledge their eyes for donation after death. Dr. T. Shri Vijaya Kirubha, Secretary, Periyar Health Club welcomed the gathering. Prof. Dr. R. Senthamarai, Principal presided over the programme. Ln. R. M. Himmathlal, Former President, The International Association of Lions Club (District 324 A2) & District Chairperson of Preservation of Heritage Monuments, Trichy felicitated the programme and deliberated on the significance of eye donation and its usefulness to the visually impaired people. Dr. David Luther from Mahathma Eye Hospital, Trichy took part in the event and proclaimed that blindness is one of the major public health problems in the developing countries and by donating eyes after death, a corneal blind person can see again through transplantation, whereby the damaged cornea is replaced by a healthy cornea from the eye donor. An eye camp was also arranged for the faculty and students. Mr. G. Sebastian, Correspondent, Dr. A. M. Ismail, Emeritus Professor and Dr. G. Krishnamoorthy, Vice Principal graced the occasion. Mrs, A. Shameem, Joint Secretary, Periyar Health Club proposed vote of thanks.

AIDS awareness camp has been organized by **NSS Unit, Rajiv Memorial Education Society's College of Pharmacy** Gulbarga in association with District Aids Prevention and Control Unit (DAPCU) at Ambika nagar, Gulbarga on the occasion of **"World Aids Day"**. Principal Dr Ashok Malpani addressed the gathering about the AIDS Awareness and Mrs Sugala Rani, Counselor, DAPCU, Gulbarga briefed about the AIDS and its prevention. She also informed about the



free treatment and distribution of 1st line and 2nd line medicines by the Government. Mr Shiv swami, corporator of the area was present. During the occasion staff and students were participated. Mr Mohan, NSS Co-Ordinator concluded the programme by Vote of thanks.

1st October, 2016



One day **state level seminar** on **"Statistical Methods in Drug Design and Development"** on 1st Oct 2016. Seminar was sponsored by **Savitribai Phule Pune University, Pune**. Dr. S. D. Sawant, Principal of the college welcomed all the resource persons, guests and participants. Mrs. Minal Ghante, Convener of the program gave a preamble of the seminar.

Principal of the college & chief guests - Mrs. Aditi Deshpade- Managing Director Amaze Stat, Pune and Prof. S. N. Nawale, Vice President, Sinhgad Technical Education Society inaugurated the event. The invited eminent speakers were Dr. Evans Coutinho, Professor & Head, Department of Pharmaceutical Chemistry, Bombay College of Pharmacy, Mumbai, Mr. Ajay Dere, GM, Glenmark Pharmaceuticals, Nashik, Dr. Vikram Gota, Scientist F, ACTRECT, Tata Memorial Centre, Navi Mumbai and Mr. Rajesh Patil, Asst. Prof. SKNCOP, Pune

The technical session of the seminar started with lecture by Mrs. Aditi Deshpande. She gave introduction to various Statistical Methods for Data Analysis. Session was followed with the interactive talk by Mr. Ajay Dere. He enlightened the audience on Role of Statistics Formulation Development with demonstration on Design Expert software. The next lecture in the morning session was by Dr. Evans Coutinho. His informative talk guided the audience on Role of Statistics

in Medicinal Chemistry Research. Second half started with interactive and informative talk by Dr. Vikram Gota on Statistics in pharmaceutical Drug Research. The program ended with talk by Mr. Rajesh Patil, SKNCOP, Kondhwa (Bk.) Pune who elaborated on Statistical Programs in Drug Design: An overview & demonstration. He demonstrated the R statistical software to the audience. More than 50 students and staff delegates from different colleges of Maharashtra had participated. The seminar concluded with vote of thanks.

2nd October, 2016



BLDEA's SSM College of Pharmacy & Research Centre, Vijayapur celebrated **Birth anniversary of Sri Mahatma Gandhi** on 02nd October, 2016. On this auspicious day the NSS unit of BLDES' SSSM COP & RC organized **Swachha Bharath Abhiyan** at Gnanayogashrma, Vijayapur. Dr R B Kotnal Welcomed the gathering. Sri Mallikarjuna Swamy Gnanayogashrma, Vijayapur spoke to gathered faculties and students on Swachhata Abhiyan. Dr. R V Kulkarni, Vice Principal, Proposed the vote of thanks. All faculty members and more than 200 students enthusiastically participated. The program was coordinated by Mr. Nanjappaiah H.M. NSS Co-ordinator.

7th - 8th October, 2016



Seminar was organized was on topic **"Pharmacovigilance : Need and Career Opportunities"** on 7th and 8th Oct 2016. Seminar was sponsored by **Savitribai Phule Pune University, Pune**. Dr. S. D. Sawant, Principal of the college and Chief convener for the seminar and Mr. Prashant S. Sarda, Convener of the program welcomed all the

resource persons, guests and delegates. Mrs. Meera C. Singh presented the preamble of the seminar.

Principal of the college Dr. S. D. Sawant, Vice President, Sinhgad Technical Education Society Prof. S. N. Nawale and Speakers Dr. Shradha Kulkarni, Team Lead, Sciformix India Ltd., Pune, and Dr. Nitin Thorve, Subject Matter Expert – Pharmacovigilance, Sciformix India Ltd., Pune inaugurated the event. The invited eminent speakers were Dr. Shradha Kulkarni, Team Lead, Sciformix India Ltd., Pune, and Dr. Nitin Thorve, Subject Matter Expert – Pharmacovigilance, Sciformix India Ltd., Pune, Dr Amol Chaudhari, Senior Manager, Clinical Trial & Pharmacovigilance, Serum Institute of India Ltd., Pune and Ms. Indu Nambiar, Senior Manager – Pharmacovigilance, Boehringer Ingelheim India Pvt. Ltd. Mumbai on 7th Oct.2016 and Dr. Omkar Kulkarni, Drug Safety Physician, Crest India Ltd., Pune, Dr. Varun Ahuja,Senior Scientist,Drug Safety Assessment, Lupin India Ltd., Pune, Mr. Namdeo Kale, Business Process Lead, TCS India Ltd., Pune, Mr. Vitthal Nagane, Manager – Global Pharmacovigilance, Sun Pharmaceuticals Ltd., Mumbai and Mr. Yashawant Kane,Senior Consultant, Infosys India Ltd., Pune on 8th Oct 2016.

The technical session of the seminar on 7th Oct 2016 started with lecture by Dr. Shradha Kulkarni. She gave an insight on ABC of Pharmacovigilance. Session was followed with talk by Dr. Nitin Thorve. He gave an elaborated talk on Pharmacovigilance (pre & post marketing phase): an industry perspective. Afternoon session started with informative talk by Dr Amol Chaudhari on Pharmacovigilance in a wide range of aspects from biotechnology products followed by Ms. Indu Nambiar, Senior Manager – Pharmacovigilance, Boehringer Ingelheim India Pvt. Ltd. Mumbai on Life cycle of an ISCR and the health care professional's role.

The technical session of the seminar on 8th Oct 2016 started with an interactive session by Dr. Varun Ahuja on Veterinary Pharmacovigilance and Finding Research Opportunities Abroad in Pharmacovigilance followed by Dr. Omkar Kulkarni who guided the delegates on Safety Monitoring and Pharmacovigilance – A Physician's Perspective. Post Lunch session started with informative lecture by Mr. Namdeo Kale on Literature surveillance in Pharmacovigilance followed by talk by Mr. Vitthal Nagane who threw light on Pharmacovigilance at WHO: Uppsala Monitoring Centre (UMC) -An Overview and session got end with talk by Mr. Yashwant kane on Safety Risk Management - New Paradigm for Pharmacovigilance.

More than 40 students and staff delegates from different colleges of Maharashtra and outside Maharashtra had participated. The seminar concluded with vote of thanks.

14th - 15th October, 2016



Two day national level seminar on "Modified Excipients for Current and Prospective Drug Delivery Systems" on 14th and 15th Oct 2016. Seminar was sponsored by **Savitribai Phule Pune University, Pune**. Dr. S. D. Sawant, Principal of the college and Chief convener for the seminar welcomed all the resource persons, guests and delegates. Mrs. Neha Munot, Convener of the program presented the preamble of the seminar.

Principal of the college Dr. S. D. Sawant, Vice President, Sinhgad Technical Education Society Prof. S. N. Nawale and Speakers Dr. Heeshma Shah, General Manager, Technical Services, Signet Chemical Co-operation Pvt. Ltd. Mumbai and Dr. Prajakta Dandekar Jain, Professor in Engineering Sciences, Dept. of Pharmaceutical Science and Technology, ICT, Mumbai inaugurated the event. The invited eminent speakers were Dr. B. Garnaik, Sr. Principal Scientist, Polymer science and Engineering division, NCL, Pune, Dr. Nitesh Shah, Head – Formulation & Application Services- Pharma Polymer & Services-Nutrition & Care-South Asia- Evonik Industries, Mumbai on 14th Oct.2016 and Dr. Preshita Desai, Dept of Pharmaceutical Sciences & Technology, ICT, Mumbai, Mrs. Geethika Vallabhaneni, Polymer Science and Engineering Division, NCL, Pune, Dr. Rajani Athawale, Professor and HOD of Pharmaceutics, K.M.Kundnani College of Pharmacy, Mumbai and Dr. Rajkiran Narkhede, Asst. Manager, Technical and business development, Pharma ingredients, BASF Ltd. Mumbai on 15th Oct 2016.

The technical session of the seminar on 14th Oct 2016 started with lecture by Dr. Heeshma Shah. She gave an insight on Co-processed Excipients. Session was followed with talk by Dr. Prajakta Dandekar Jain. She gave an elaborated talk on tailoring biomaterials for biomedical applications. Afternoon session started with informative talk by Dr. B. Garnaik on Chitosan-Curcumin Polymeric Nanoparticles to combat Brain Cancer Cell Lines followed by guidance by Dr. Nitesh Shah on use of Biodegradable Polymers as Smart solution for drug delivery.

The technical session of the seminar on 15th Oct 2016 started with an interactive session by Dr. Preshita Desai on Functionalized Lipids for Enhanced Drug Delivery followed by Mrs. Geethika Vallabhaneni who

guided the delegates on use of Smart polymers for targeted drug delivery. Post Lunch session started with informative lecture by Dr. Rajani Athawale on PLGA: Beginning of a New Polymer Era and was followed by talk by Dr. Rajkiran Narkhede who threw light on Impact of excipients on life cycle management of product.

More than 60 students and staff delegates from different colleges of Maharashtra and outside Maharashtra had participated. The seminar concluded with vote of thanks.

22nd - 23rd October, 2016



The Department of Pharmaceutical Sciences, RTM Nagpur University has organised **National Conference on "Health Care for All"** on 22nd & 23rd October, 2016. The pre conference was held on 22nd. In the Scientific session Dr. Yusuf Chimthanwala and Dr. M.S. Gadge delivered the lecture on the topic of Health Care in Homeopathy and BMI & Health Care respectively. Simultaneously, Poster session was conducted on research work in Pharmaceutical field. This session was chaired by Dr. D.M. Kokare & the Co Chairman was Dr. D.C. Goupale and Dr. Dinesh Kawade. The Inaugural function of the Conference was held on 23rd in which the Chief Guest was Shri. Puranchandra Meshram, Registrar, the Guest of Honour was, Dr. D.K. Agrawal, Director, BCUD and presided by Dr. Siddharthvinayak Kane, Vice Chancellor, RTM Nagpur University. Shri Puranchandra Meshram in his Inaugural address stressed on the importance of Health Care in our country and raised question over the disparity in affordability of health care in between rich & poor. He compared the Indian scenario with developed countries. Health care availability to the last person in the society is the responsibility of the Government. Dr. Kane cited the story of Ramayana wherein Laxman was treated by Royal Physician of Ravana without any discrimination, which should be followed by all health Care workers. Dr. D.K. Agrawal, Dr. N.J. Gaikwad, HOD and Chairman, LOC, Dr. M.R. Tajne, Dr. R.B. Kakde, Dr. (Mrs.) J. Avari & Shri Prakash Wanjari shared the dias. The resource person for 23rd was Dr. Premraj Battalwar, Dr. Anand Shelge, Dr. Kamlesh Shende and Shri B.E. Khomne. In the valedictory function the Chief Guest was Shri Prakash Sapkal.

5th November, 2016



The Annamacharya College of Pharmacy organized **Graduation Day celebration** on 05th November 2016. With the Grace of Honorable Chief Guest Prof. Mohamed Moulana Mohiuddin Sarcar Vice-Chancellor, JNTUA, Anantapuramu, and in presence of Sri. C. Gangi Reddy, Founder and Honorable secretary and Sri. Abhishek Reddy, Treasurer and Executive Director, Sri C. Yella Reddy, Vice-Chairman, Annamacharya Educational Trust, Dr. C. Gopinath, Principal, Annamacharya College of Pharmacy.

The Honorary Secretary / Treasurer Sri. C. Abhishek Reddy has declared the Graduation Day to distribute the provisional pass certificates upon the candidates of the college who have been certified worthy of the degrees by the JNTUA Anantapuramu.

The Principal of Annamacharya College of Pharmacy, Dr C Gopinath enlightened about the history, role and responsibilities of pharmacy professionals. He correlated the students apt in education at Annamacharya is neither just about academic brilliance nor a consistent return, but an ambience where culture and human skills meet together. Further he stated that, pharmacy is the science dealing with invention to application of medicine to the patient. He pointed out the importance of Triple R and Triple C for Healthier life. They are Right medicine, Right Dose, Right Time and Correct Medicine, Correct Dose, Correct Time. Further he admit the respective degrees and Gold medals along with the dignitaries to the toppers and graduates whose names are listed in the Graduation Day register permit for distribution of Provisional certificate and medals who had passed in Doctor of Pharmacy examinations in 2016.

The function was on track with the showering of blessed speech by Honorable Chief Guest Prof. Mohamed Moulana Mohiuddin Sarcar Vice-Chancellor, JNTUA, Anantapuramu. He emphasized on the importance of discipline and dedication, that it always regularizes one's thought and also directs the way to achievement in a very concrete, clean and clear manner. Those who follow the principle of discipline in achieving something in life have a very clear vision of life but without it everything will seem vague. He complemented the management of Annamacharya Educational Trust for providing the Quality education to the pharmacy students.

Soon after the programme protocols of concern the function were overflowing with National Anthem by the students of college.

7th November, 2016



Padmashri Dr.B.V.Raju Foundation's, Shri Vishnu College of Pharmacy organized a seminar on the topic of **"Drug Design-Molecular Concepts"** by Prof. Dr. Satya Prakash Gupta on 7-11-2016 in Bhimavaram.

Dr.Satya Prakash Gupta is an eminent retired professor of BITS Pilani. He worked extensively on "Theoretical aspects of drug design" and has made notable contributions in that area, for which he has been bestowed upon, in 1989, the Ranbaxy Research Foundation Award, a coveted national award and in 1985 became Fellow of the National Academy of Sciences, India (F.N.A.Sc.). He has been an advisory member of the Technical Resource Group on Research and Development on HIV/AIDS, constituted by Ministry of Health and Family Welfare, Government of India. He is currently working as Professor in National institute of technical teacher's training and research (NITTR, Bhopal).

In his presentation Dr.S.P.Gupta explained the role and importance of "Drug design- Molecular Concepts" in drug discovery process to students of M.Pharmacy, MSc and Faculty members.

Principal of Shri Vishnu College of Pharmacy, Dr.K.Prasad, Director of Shri Vishnu Pharmacy Institutions Dr.D.Basava Raju, Director(admin), SVES, Bhimavaram Campus, Mr.Prasad Raju Presided over the conference.

19th November, 2016

One day State level Seminar on "Overview of animal pathology, demonstration of organ collection and preservation" Sponsored by **Savitribai Phule Pune University, Pune** was organized by Dept. of Pharmacology, Dr. D. Y. Patil Institute of Pharmaceutical Sciences & Research, Pimpri on 19th November 2016.

The Seminar was focused on the Pathological changes occurring in animals during development of disease. Around 70 delegates from the various



institute actively participated in the Seminar. The Seminar began with the inauguration by Dr. S.R.Naik, Ex. Officio member Merk International, Dr.S.S.Chitlange, gave the Keynote address. Prof.D.M.Awari, Co-coordinator, briefed the Seminar's theme. The first session begins with Dr. S.R.Naik, on "Overview of animal Physiopathological alteration as parameters for simulating animal model for drug screening". He emphasized on, newer techniques used in anti-inflammatory models and how to perform research from base level to molecular level. The post lunch session articulated by Dr. Akaram Bagal, Director, Chaitanya Laboratories, Baner, Pune on "Necropsy gross pathology, organ identification & histopathological technique." followed by demonstration on isolation of organs and various techniques of blood withdrawal.

Seminar concluded with vote of thanks by Dr.Abhijeet Kulkarni, certificates distributed to delegates by hands of Prof. Atul Deshmukh and Prof. Ashish Chimbalkar.

20th – 26th November, 2016



KVSR Siddhartha College of Pharmaceutical Sciences (KVSRSOPS), Vijayawada has conducted 55th National Pharmacy Week (NPW) celebrations in a dedicated manner from 20th-26th November 2016. It was inaugurated on 20th November 2016, Sri. T. Satyanandam, Joint Commissioner of Income Tax Department, TDS Range, Vijayawada was the chief guest. He has delivered key note address on **"Pharmacists For A Healthy India: Role in Prevention And Management of Diabetes"**. It was presided by Dr. Chadalavada Nageswara Rao, Convener KVSRSOPS. During the one week celebrations, various activities were performed. On 21st and 22nd

November 2016, all the III B.Pharm and Pharm.D students have exhibited posters on various latest topics of Pharmaceutical Sciences. Latter, they were evaluated by the faculty. We have conducted elocution, skits, essay writing, drawing and quiz programmes on the theme on 23rd November 2016. On the same day, Dr. M.V. Rao, Diabetologist, Emergency Vijaya Hospitals has delivered a lecture on **"Management of Diabetes: An Overview"**. We have organized a medical camp for villagers of Veleru village near Vijayawada on 24th, 25th and 26th November 2016. The 55th NPW celebrations were completed on 26th evening and Sri. Perla Bheema Rao, Member, Siddhartha Academy was the chief guest. All these activities were successfully conducted by Dr. Devala Rao Garikapati, Principal and Dr. N. Kanakadurga Devi, NPW Convener.

20th to 26th November 2016



The 55th National Pharmacy Week was celebrated at Vignan Pharmacy College from 20th to 26th November 2016. The major focus of the celebrations was to create awareness among public, healthcare providers and authorities about the NPW theme in specific and about the pharmacy profession and the role of the pharmacist in general. The theme selected for this year was: "Pharmacists for a Healthy India; Role in Prevention and Management of Diabetes". Students, faculty and staff actively organized various events on the occasion. A seminar was conducted on the topic "Endocrinology" by Dr.Aparna Sony, MD, Ramesh hospitals. The resource person Dr. Aparna Sony emphasized on type-1 and type-2 diabetes management, symptoms and prevention .The talk also covered measures to be taken by pharmacist in guiding people to prevent diabetes.

Another event organized during the NPW was a medical camp in the vignan co-operative junior college for the teaching and non teaching staff .The College carried out free health checkup of the public. More than 200 people took benefit of the free health camp. During health camp students gave awareness on safe use of medication and following healthy life style to avoid diabetes. Students of Pharm D actively participated in the camp and provided the health screening and counseling services. Students also highlighted the role of pharmacist in health care sector.

On the closing day of NPW an introductory note was given by Dr.P.Srinivasa Babu, Principal, Vignan Pharmacy College regarding the theme of this year, where he mentioned about the causes, possible solutions and measures to control diabetes. The chief guest for the valedictory ceremony was Major General Dr. Kumar Velu, MD, DM, HOD-Neurology, Ramesh hospitals. "South India will have 50 million diabetes cases by 2020 which is a burning issue. Every part of body is afflicted by diabetes and is the third commonest reason for stroke."-Dr. Kumar Velu stated. He spoke on the life style diseases and said that "30 minutes of exercise, 3kms of walk in 5 days a week can control diabetes. In his message Dr Velu highlighted the need for pharmacist to play a greater role in the society and spreading the awareness on importance of pharmacy sector.

Various events such as Rangoli, Pharma Quiz, Elocution, Drawing, Volleyball, Throw Ball competitions were conducted during the occasion. M.Pharm, B.Pharm and Pharm D , students of the institution actively participated in all the events. The program concluded with prize distribution ceremony.



National Pharmacy Week 2016 with the theme "**Pharmacist for a Healthy India**" was inaugurated at **ASBASJSM College of Pharmacy**, Bela (Ropar). The workshop was inaugurated by chief guest Dr. Inderjit Singh Bhatia, SMO (Civil Hospital, Sri Chamkaur Sahib) by lightening the lamp. S. Devinder Singh Jattana, Secretary Management Committee and Dr. Mani (Surgeon Govt. Hospital Sri Chamkaur Sahib) was also present as special guest. Dr Bhatia in his address told the students that pharmaceutical field is a wide field and has various opportunities in government as well as private sector. The pharmaceutical courses are also in demand in overseas countries. Director of institute Prof. (Dr.) G. D. Gupta, all staff members' and students took pharmacist's oath on this occasion. On the first day of the workshop more than 150 students of 03 senior secondary schools (RICC, Bassi Gujran; Gurunanak Public School , Khamnoon; Garden Valley International School, Bela) attended the workshop. Dr. Shailesh Sharma workshop Co-ordinator and Principal Diploma College of Pharmacy, Bela explained the various demo and models to the students. Dr. Sandeep Kumar, Dr. Nitin Bansal, Dr.

Satnam Singh, Dr. Rajeev Garg, Mr. Baljeet Singh, Mr. Satvir Singh, Mr. Harsimran Singh Jattana, Neelam Sharma, Anjali Goyal, Navjit Kaur, Harman preet Kaur gave information about pharmacy and campus to the visiting students.

21st – 29th November 2016



On the eve of **National Pharmacy Week 2016**, **Sri Adichunchangiri College of Pharmacy** has conducted an awareness programme from 21st – 29th November 2016 with the theme "**Pharmacists for a Healthy India: Role of Prevention & Management in Diabetes**" in nearby PU colleges. The programme was inaugurated on 25th November 2016 at BGS PU College, B.G.Nagara with Assessment of knowledge about Diabetes among PU students with the help of Questionnaire and release of Brochure in English and Kannada related to the theme.

A Presentation given by Ms. Ansha George, Pharm.D Intern based on the theme at BGS PU college to 500 plus students, more than 200 students at PU college, Nagamangala & BhakthanathaSwamy composite PU College. In all the institutions, the programme came to an end with the MIME act based on the theme performed by first year students of SACCP (Sachin K, Sachin John, Akhil J, Joseph Varghese, Munaveer K, Akshay Mohan, Mervin C Johnson, Danish Dishan) which was narrated by Harikrishnan, student of Second year Pharm.D, SACCP.

The programme came to an end with a NSS activity in community to give awareness about Diabetes among Community people and also a rally at Bellur to give the awareness with the help of pamphlets, slogans and also placards.

All Staff & Students of Department of Pharmacy Practice, SACCP were actively involved in creating awareness about the Diabetes among the students during the programme. It was a great success.

23rd November, 2016

V.V. Institute of Pharmaceutical Sciences had celebrated the **55th National Pharmacy Week (NPW)** celebrations on 23rd November, 2016. The Celebration of this week highlights the importance of the



profession of pharmacy. The theme of current year celebrations is **"Pharmacists for a Healthy India; Role in Prevention and Management of Diabetes"**. This celebration was inaugurated by the Chief Guest Dr. P. Srinivasa Babu, Professor & Principal, Vignan Pharmacy College, Vadlamudi, Guntur District, AP. The inaugural program was pioneered with welcome speech by the Principal of college Dr. A. Lakshmana Rao and had delivered a valuable talk on the theme of NPW celebrations.

The Chief Guest who is an out-sourcing academician Dr. P. Srinivasa Babu addressed the gathering and delivered a guest lecture on "India's Glorious Scientific Tradition" and he made a note on role of pharmacist in society. He advised the students to develop hardworking nature so as to become a responsible citizen and they can achieve their goals of life. He enlightened the minds of students with great stories of artistic pharmacists in the independent India.

As a part of NPW celebrations the institute had organized events like Essay writing and Elocution competitions.

The NPW Valedictory function was opened by eminent academician Dr. N. Buchi Naidu, Professor & Research Director, K. V. S. R. Siddhartha College of Pharmaceutical Sciences, Siddhartha Nagar, Vijayawada, Krishna District, AP. He delivered a mind-captivating lecture on "Micro Needle Assisted Transdermal Drug Delivery" of Insulin in the management of Diabetes. He then interacted over the budding pharmacy professionals. Later Dr. A. Lakshmana Rao, Principal, V.V. Institute of Pharmaceutical Sciences felicitated the Chief Guest with memento and the celebrations proceeded with passing over the prizes to winners in various competitions held followed by vote of thanks.

25th November, 2016

A **National Seminar** on the topic **"Innovations in Pharmaceutical Sciences"** was organised on 25th Nov 2016 by **Indore Institute of Pharmacy** on the occasion of **National Pharmacy Week** with an aim to provide a platform for synergistic interaction among pharmaceutical professionals from across the country. This seminar was sponsored by IPA, M.P. state branch.



Many renowned persons from pharmaceutical industries and educational institutes added glory to this seminar by their presence.

Chief Guest of the day Dr. Sanjay K. Jain, Dean, Professor, Dr. H S Gour University, Sagar addressed the gathering elaborating the importance of need of innovations in field of pharmacy. Guest of honour Dr. D K Jain, director, College of pharmacy, IPS Academy, Indore advised the delegates present in the auditorium to focus on innovative teaching methodologies and their application in day to day teaching. Director of Swami Vivekananda College of pharmacy, Indore Dr. Pawan Dubey highlighted the prevalence and treatment aspects of diabetes in India. Dr. Ajay Namdev, HOD, Dept of Biotechnology, BVP, Pune, Mr. Praveen Nalwaya, Plant head, Medgel Pharmaceuticals Pvt Ltd, Pithampur and Mr. Giriraj Tripathi, Head QA, Cipla Ltd, Indore addressed the technical session.

Students and faculties from various pharmacy colleges presented their research papers in the technical session of seminar. In the technical session 42 oral presentations by students, 26 oral presentations by faculties of various pharmacy colleges and 72 posters were presented in 3 parallel sessions.

Mrs. Prasun Pandey and Dr. Rekha Bisht won prize for their oral presentation. Student of third year of IIP Ms. Monica Gupta got first prize in innovative idea. She demonstrated the construction and working of a "Hand Operated Tablet Punching Machine" under the guidance of Mr. Jacky Dumbawani. Second prize was awarded to Mr. Taha Hakimi & group for preparing a model of "Orifice Meter".

The occasion was also graced by the presence Dr. Joy Banerjee, Director, IIST, Indore and Brig. G P Chhatopadhyay, Advisor, Shail Group of Institutions, Indore. Directors and Principals from various pharmacy colleges were also present in the seminar.

29th November 2016

The Rani Chennamma College of Pharmacy, Belagavi on 29th November 2016 conducted one day workshop on **'Teaching Learning Methodology'** for Pharmacy teachers. The function was



inaugurated by Prof Dr. Jyoti Nagamoti. She emphasised on proper use of education tools in teaching and learning. Prof A. D. Taranalli Principal presided over the function and Prof. Deepak Mali Co-ordinated the activities of the workshop. Dr. Meenaxi Maste, Prof. Milka Madhale and Dr. Chetana K. were the resource persons. Pharmacy teachers from Belgaum, Bangalore, Hubli and Kolhapur participated in the workshop. Prof Kishori Sutar proposed vote of thanks.

29th November, 2016



Adopt good habits and discharge the responsibilities in achieving the goal with all confidence knowledge and ethics in your profession and be cautious of illicit use of drugs by Mr. L.A. Manjunath, Deputy Commissioner of Excise, D.K. District, Mangalore said while addressing the inaugural function of **National Pharmacy Week 2016** organised by **Indian Pharmaceutical Association, Dakshina Kannada District Local Branch**, Mangalore in association with **Srinivas College of Pharmacy** Mangalore at Valachil Campus on 29th November 2016.

On this occasion chief guest released college magazine "PHARMA SHREE" and Inaugurated Student council 2016-17 followed by oath taking ceremony by council members.

Dr. A.R. Shabaraya, Principal, Srinivas College of Pharmacy in his presidential remarks exhorted the budding Pharmacists to uphold the theme for healthy India by creating awareness in prevention and management of diabetes and further advised them "Not to let the failures overtake your ambition keep your determination strong enough to succeed".

Guest of honour, Smt. Seema Soares, Inspector of Excise D.K. District, Mangalore gave a talk on awareness of drug addiction & drug abuse.

Dr. E.V.S. Subrahmanyam, Professor, Srinivas College of Pharmacy welcomed the guests and highlighted the significance of celebrating the National Pharmacy week every year to bring awareness in society about the prevention and management of diabetes.

Ms. Savitha & Ms. Nikitha anchored the program, Mr. Viresh K. Chandur, coordinator, proposed vote of thanks.

1st December, 2016



Indian Pharmaceutical Association, Dakshina Kannada District Local Branch, Mangalore in association with **Srinivas College of Pharmacy** Mangalore as a part of **National Pharmacy Week** organised guest lecture on AIDS Awareness on 1st December 2016. Resource Person, Dr. Shahul Hameed, Assistant Professor, Department of Community Medicine, Srinivas Institute of Medical Sciences & Research Centre, Mukka, Surathkal gave a talk on AIDS awareness and necessary steps to save the society and lives.

House surgeons of Srinivas Institute of Medical Sciences & Research Centre, Mukka, Surathkal Dr. Narendra Ballal, Dr. Sameer, Dr. Balasubramani G, Dr. Atira, Dr. Pavan Kumar B presented a skit on AIDS Awareness.

Dr. A.R. Shabaraya, President, Indian Pharmaceutical Association, Dakshina Kannada District Local Branch, Mangalore & Principal, Srinivas College of Pharmacy and Dr. E.V.S. Subrahmanyam, Professor, Vice President, Indian Pharmaceutical Association, Dakshina Kannada District Local Branch, Mangalore were present.

Ms. Archita & Ms. Savitha anchored the program.

1st December, 2016

On the eve of **World Aids Day**, **Periyar Health Club of Periyar College of Pharmaceutical Sciences**, Tiruchirappalli organized a guest lecture on 1st December 2016 at the institution. Prof. Dr. R. Senthamarai, Principal



welcomed the gathering. Mrs. Rajeshwari, Counsellor, Networking for HIV positive patients in Trichy district took part in the programme and shared her views and proclaimed that many tend to reject people living with HIV/AIDS (PLHIV) because of their misconceptions about how it is transmitted. Early detection and treatment is therefore vital in delaying the onset of AIDS and strengthening the immune system. With a better

understanding of transmission modes and treatment options, it is possible to increase accepting attitudes towards PLHIV. Dr. S. Vasuki, MD., (STD)., DGO., Professor & Head, Department of Dermatovenereology, KAPV Government Medical College, Tiruchirappalli delivered the lecture. In her lecture she deliberated on the various causes and symptoms of AIDS. She added that World AIDS Day, designated on December 1 every year since 1988, is dedicated in raising awareness of the AIDS pandemic caused by the spread of HIV infection, and mourning those who have died of the disease. She raised awareness currently available methods which can prevent the transfer of HIV virus, and even slow down its malicious effects before they become fatal. She also stressed on the precautionary measures taken to avoid getting infected. Dr. A.M. Ismail, Emeritus Professor and Dr. G. Krishnamoorthy, Vice Principal graced the programme. Dr. T. Shri Vijaya Kirubha, Secretary, Periyar Health Club proposed Vote of thanks.

23rd November 2016



NSS Team of Krupanidhi college of Pharmacy has organized Tuberculosis Awareness and Counselling Programme at TB- DOTS centre in Taverekere, Bangalore region in the month of November 2016. The patients with pulmonary Tuberculosis were counselled on the importance of adhering to medications, without missing even single dose during the treatment period. Qualities of life of patients were measured, and patients were also counselled on their life style modifications required. Around 85 patients benefited from this programme.

Dear APTI Members

Mega Collaborative **APTI MESMAP International Conference** at **Cyprus Turkey** during April 2017.

The special subsidised package for APTI members is as listed below. It will be an event to remember. Interested members can send their papers for presentation which will get peer reviewed and published as well. You can all register directly. In case of any difficulty in registering u can mail at aptienquiry@gmail.com or call directly.



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Special participation conditions for APTI & GOFMAP members

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The registration to the MESMAP - 3 is not complete until payment is received. After payment please send your payment receipt and registration form to mesmap2017@gmail.com

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Minutes of AGM held at Dr TMA Pai Hall, Manipal Univeristy on 15th Oct 2016 during APTICON 2016.

Dr Pravin D Chaudhary- President APTI welcomed all the members, newly elected Vice-Presidents, nominated members and all other association members. He said that the association has got the first lady Vice President Dr Swarnalatha Saraf.

Agenda A:

Dr S.L.Nasa said the agenda of the meeting should be given to all the members well in advance before the start of meeting. Prof B G Shivananda said that the soft copy of the agenda has been sent to all the members through mail well in advance.

Agenda B:

Dr S.L Nasa asked about the criteria for the selection of awardee for G P Srivastava award and Dr Raman Dang said that the criteria is clearly mentioned in the award book for selection of awardees for various awards given by APTI and more over it is the final decision of the Juri for selection of awardees after following the protocol and procedure.

Dr Pravin D Chaudhry briefed on the various awards, congratulated the awardees and the people felicitated during APTICON 2016.

Agenda C:

Dr Pravin D Chaudhary requested Dr Raman Dang-Secretary APTI to elaborate on the International conference to be held at Cyprus, Turkey in 2017.

Dr Raman Dang briefed that APTI is a part of GOFMAP (Global federation of Medicinal and Aromatic Plants) which is a non-profit worldwide association. It has associations from more than 100 countries throughout the globe. This is a mutual partnership with only scientific exchange and no financial exchanges between the associations. It is a chance for exposure to all the members; everyone will be invited for attending the international conference organized by GOFMAP.

Agenda D:

Dr Pravin D Chaudhary also said that Rajiv Gandhi University of Health Sciences, Karnataka along with APTI has organized teacher training programme.

Dr Raman Dang said that online system for teacher training is created and adopted that will be a big boon for young pharmacy teachers since the people from anywhere in the globe can get access to the training programme and get the benefit of it.

Agenda E:

Dr Pravin D Chaudhry requested Dr Raman Dang-Editor of APTI Bulletin, Dr S Rajasekaran- Executive Editor of ijper and Dr Shobha Rani R.H-Editor of ijopp to brief about the APTI bulletin and journals-Indian Journal of Pharmaceutical education and Research (ijper), Indian Journal of Pharmacy Practice (ijopp).

Dr Raman Dang-Editor of APTI Bulletin said that the 103rd issue of bulletin is to be released and it's the 50th Golden Jubilee year for the bulletin- moment to cherish by all the members. He said that the hard copy of bulletin is sent to the Principal's of all the Pharmacy colleges throughout India. And moreover E-bulletin is also started which is a brain child of Prof B G Shivananda, and this will be sent to all the members of APTI.

Dr S Rajasekaran- Executive Editor of ijper said that it is a proud moment for all the pharmacy teachers as the journal ijper is celebrating its 50th Golden Jubilee year. The journal is completely functioning on online system, there are authors from almost 27 countries and more than 1200 reviewers throughout the globe, the journal is indexed in Scopus and Thomas Reuters and requested all the members to have subscription for their college.

Dr Shobha Rani R.H-Editor of ijopp briefed that quality articles are being published and the journal has good response from all the pharmacists throughout the country.

Agenda F:

Dr Dhanapal Kumaraswamy from West Bengal state branch said that many colleges are not receiving the APTI bulletin.

Dr Pravin D Chaudhary requested all the state branches to motivate the pharmacy college to update their complete mailing address with the central office so that any communication shall reach the colleges without fail. He also said that the bulletin is available in the association website and open for everyone to view.

Dr Mahesh Burande said that the association has started functioning in most of the states however few states do not have office bearers, so it is time for such state pharmacy teachers to approach the central office to have a state body and office bearers and he also said that there should be atleast 25 life members in the state to form a state branch.

Agenda G:

Dr Pravin D Chaudhary requested the members to go through the audit accounts of APTI, ijper and APTI welfare trust. Prof N Udupa proposed the audit accounts and Dr Murthy seconded the same.

Agenda H:

Dr Mahesh Burande said that there were about 7920 before three years and currently there are 8855 life members and 345 student memberships.

Dr Pravin D Chaudhary requested all the pharmacy teachers to bring awareness about the pharmacy profession in all the states of the country and strengthen the association. He also said that certain steps have been taken to ensure the payment of proper salary to the teachers in private pharmacy colleges, and also said that the association will do the best to bring changes in the future to ensure safety for security for the teachers.

Agenda I:

Dr Raman Dang said that a RTI has been sent to PCI seeking the details of colleges providing/not providing salary as per the norms of government.

Dr Swarnalatha said that PCI cannot control the private pharmacy colleges towards payment of salary as per govt norms.

Prof B G Shivananda said that though many colleges are not paying salary as per the govt policy still permission is granted to run pharmacy programme by PCI, so it is also the responsibility of PCI to look in to this matter.

Dr Diwakar Goli said that the association should intimate the PCI to make sure that 7th pay along with complete DA is provided to the staff members even in the private pharmacy colleges and added that it is also due responsibility of the PCI inspectors to take this to the notice of PCI.

Dr Mahendra Singh Rana said that since UGC and AICTE fix the

payment band and scale for the teachers, the information of colleges providing /not providing the complete salary should also be sought from these apex bodies.

Prof Milind Parle said that APTI should insist UGC and AICTE to consult our association before fixing the scale for teachers.

Dr Diwakar Goli said that though PCI does not fix the pay scale still it can look in to this issue seriously as it a body to regulate the course throughout the country.

Dr Sahani said that many colleges do not even have sufficient staff members and required infrastructure to run pharmacy programme and Dr Pravin D Chaudhary said that steps will be taken to look in to all such matters if the same is brought to the notice of central office.

Dr Dhanapal Kumaraswamy said that PCI and AICTE have two different pattern for admission of students to the course, infrastructural requirement for the colleges and staff qualification.

Dr Raman Dang said that both PCI and AICTE are involved in making a MoU to overcome these issues.

Dr Swarnalatha said that both PCI and AICTE have the complete details regarding the facilities required by the pharmacy colleges to run the pharmacy programme.

Agenda J:

Dr Pravin D Chaudhary said that the new office bearers for state branches have been prepared by the state branches and it is time for all the branches to bring out the views and programme calendar for the next three years.

Dr Pravin D Chaudhary briefed on the calendar of events of the central office for the next three years.

Agenda K:

Dr Pravin D Chaudhary said that Dr Mahendra Singh Rana from Uttarakhand has requested the APTI for organising APTICON 2017 in Uttarakhand and the same has been approved. However, the date and venue will be decided later.

Agenda L:

Dr Pravin D Chaudhary said that three proposals have been received for organizing IPC by APTI in 2017, and the decision will be made shortly.

Agenda M:

Dr Pravin D Chaudhary said that the APTI BM Reddy building at Acharya college will be built in about 1,40,000 sq.ft in a budget of about 64 crore. The fullest support and contribution from all the members is required to fulfill the dream project.

Dr Mahesh Burande said that when the approach and cause is good donors are there to support the association for building the teacher training centre at Acharya Institution campus. He profusely thanked the Management of Acharya Institutions and the Principal Dr Diwakar Goli for supporting the association for an excellent cause and also added that Bhoomi Puja was performed at the site of construction. He requested all the members to work tirelessly and a massive fund raising programme should be made for constructing the dream project of teacher training centre.

Dr Swarnalatha said that the teacher training centre is required for the current scenario as there are lot of pharmacy graduates entering to the teaching profession and their ability should be drastically improved so that they become asset for the profession in the coming years.

Agenda N:

Dr Pravin D Chaudhary said that the forum is opened for discussion.

Dr Satish Kavatagimath said that all state branch should encourage all the pharmacy teachers in their respective state to register in APTI.

Dr N Udupa said that all the surplus money after the APTICON

2016 will be given to the central office so that the same shall be utilized as fund for the teacher training centre.

Dr Kiran requested that if an industrial training facility is provided in the teacher training centre it will still be a boon for the pharmacy teachers.

Dr Diwakar Goli said that such an industrial training facility is already existing in their campus

Dr GopalKrishna Rao suggested that if all the pharmacy teachers throughout the nation contribute one day salary to the association it will really be a great and enormous support for the building of the teacher training centre at Bangalore. He also requested that the state awards during APTICON shall be avoided as it creates a delay in other scheduled programmes.

Dr Pravin D Chaudhary said that the suggestion by Dr GopalKrishna Rao is valid and accepted.

Dr Diwakar Goli announced that on behalf of Acharya College of Pharmacy one day salary of all the teaching faculty members will be given to APTI as fund for construction the new teacher training centre.

Dr Mahesh Burande said that as a outgoing president of APTI he is happy to provide Rs 1,00,000/- to the association as a fund for the construction the new teacher training centre.

Dr Pravin D Chaudhary thanked all the members for their support and suggestion provided for the upliftment of the association and the profession of pharmacy.



APTICON 2016

The 21st National Conference of the Association of Pharmaceutical Teachers of India (APTI) was held under the auspices of Manipal College of Pharmaceutical Sciences (MCOPS), a constituent college of Manipal University, between 14 and 16 October 2016. A significance of this convention was that it was held during the Golden Jubilee year of the association, which was founded in Benaras by the leading lights of pharmacy profession, Prof M L Shroff and Prof GP Srivastava. The fact that MCOPS that lays stress on quality pharmacy education was chosen as the venue for the convention with the theme: Roadmap to Quality Pharmacy Education and Research did not go unnoticed.

A one-day pre-convention workshop was held on the 14th. Eminent teachers, Dr K Ram Narayan and Dr Sudhakar Nayak of Manipal Centre for Professional Development (MCPD), were the resource persons for the workshop on "Roadmap for Quality Teaching and Evaluation." A symposium on "Pharmaceutical Research Facilitation" was held in the afternoon. Dr GK Prabhu, Director, Manipal Institute of Technology inaugurated the symposium. Dr A Ramkishan (Deputy Drugs Controller, CDSCO, New Delhi) also spoke briefly. Mr Alok Poundrik (Accounts Manager, Academic and Government Intellectual Property and Science, Thomson and Reuters) and Ms Sherin Mary Samji (ACS International India) were the speakers for the symposium.

The Convention was inaugurated on the evening of 14th October. Prof Bhushan Patwardhan (eminent scientist, Interdisciplinary School of Health Sciences, Savitribai Phule Pune University) was the Chief Guest. Dr H S Ballal (Pro Chancellor, Manipal University), Dr C K Kokate (Vice Chancellor, KLE University, Belagavi), Dr A Ramkishan, the members of the executive council of APTI, Dr N Udupa (Research Director, Manipal University and Convener of APTICON 2016) and Dr C Mallikarjuna Rao (Principal, MCOPS) were present on the dais during the inaugural function.

During the inaugural ceremony awards for young pharmacy teacher, young researcher, principal of the year and other categories were given away.

Scientific sessions were held on Day 2 of the convention (15 October), in the morning and afternoon. Screening committee selected a total of 387 posters for presentation. Expert teachers evaluated the presented posters. The best posters in each category received prizes. A few of the posters were selected by the panel of experts for oral presentation on Day 3 (16 October). In all there were 21 oral presentations. Ms Sanchari Basu (Research Scholar, MCOPS) secured the first prize, while Dr BM Gurupadayya, JSS College of Pharmacy, JSS University, Mysuru and Ms M Jyothsna (Research Scholar, MCOPS) were given the second prize.

At the scientific session on the morning of Day 3, Dr Sanyog Jain (NIPER, Mohali) spoke on the use of nanotechnology to improve absorption of poorly soluble drugs. Dr G Subramanian (Novartis Healthcare) spoke of the limitations of PKPD studies conducted in academic institutions.

About 50 eminent pharmacy teachers were felicitated for their contribution to pharmacy teaching.

The Valedictory function was held on Day 3 after the scientific presentations. Dr Poornima Baliga (Dean KMC, Manipal) was the Chief Guest. The other dignitaries who graced the occasion were Dr. Pravin Digambar Chaudhari (President APTI), Dr. Dharendra Kaushik, and Mr. Satish A Kavatagimath (both Vice Presidents), Dr. Mahesh Burande (former President APTI), Prof BG Shivananda (former Secretary APTI), Dr. Murugan (Treasurer), Dr Aravind Karadi (Karnataka State Vice President), Dr Sohan Chitlange (Executive Secretary), Dr. Rajasekharan (Associate Secretary), Dr. N Udupa (Convener APTICON2016) and Dr C Mallikarjuna Rao (Organising Secretary, APTICON 2016). Dr Srinivas Mutalik (Convener, Scientific Committee) gave an account of the proceedings. Dr N Udupa delivered the vote of thanks.

APTICON 2016 - A Magnanimous Affair



APTI Awardees



APTICON at Manipal - 50 Glorious Years of APTI















Ph.D AWARDEES



Vivek Jain, working as Assistant Professor, Department of Pharmacy, Banasthali University, Banasthali, Rajasthan, has been awarded the degree of Doctor of Philosophy (Ph.D) Pharmacy in 31st convocation of Banasthali University on 14 October 2016, for his research work entitled

"Investigations on the Potential of Momordica charantia L and Punica granatum L in Rat Models of Neuropathic Pain". The research work was carried out under the guidance of Prof. Nirmal Singh. Dr. Vivek Jain has more than 8 year of research & teaching experience. He has almost 24 publications with high impact factor journals. He also got the DST Young Scientist Travel Grant (2013), IBRO Travel Grant (2014) to present his research work abroad. He successfully carried out UGC funded research project (2012-14) as a principal investigator. Recently he got the grant of 20,000 USD from International Brain Research Organization, France (IBRO) to organize a neuroscience school to train the budding neuroscientists of Asia Pacific Region in upcoming year 2017. He is the life member of Indian Society of Pharmacology. He sincerely acknowledges to Family, Guide, the Management, Principal, teaching and nonteaching staff members of Department of Pharmacy, Banasthali University, for their help, encouragement and co-operation during course of research work.



Dr. Anuradha G. Patel working as Associate Professor and Head of Department of Pharmaceutics, Smt.BNB Swaminarayan Pharmacy College, vapi, Gujarat.she was awarded the degree of Doctor of Philosophy (PhD) by JJT, Rajasthan; 2016.Her thesis work is entitled as **"Development and Evaluation of Chemically Modified Polysaccharide based colon target**

delivery." The research work was carried out under the guidance of Dr. G.K.Jani, Principal, SSR College of Pharmacy, Silvassa, Pune University, and Maharashtra.

Dr. Anuradha is having more than 7.2 years of teaching cum research

experience and published 16 research/review articles in international and Nationals journal with 19 scientific paper presentation in Seminars/Conferences. Life time Member of APTI Reg No. GU/LM-459..She has guided Six M.Pharmacy students for their project work & Authorship of three books.Dr.Anuradha is registered Pharmacist under Gujarat state pharmacy council and life member of APTI.She is also appointed as advisory /editorial member of various journals.



Dr Sanjeshkumar Gotam Rathi, working as an Associate Professor and HOD at A-One Pharmacy college ,Department of Pharmaceutics, Divaba Education Society's SNME Campus at Ahmedabad has been awarded the degree of Doctor of Philosophy (Ph.D) in Pharmacy by JJT University, Rajasthan for his research work entitled **"Extraction and Evaluation of Naturetic Plant For**

Antifungal and anti Bacterial activites". The research work was carried out under the guidance of Prof. Dr.Kanubhai R Patel, at Shri B.M Shah Pharmaceutical Education and research Modasa has been approved as a Guide by various Universities. Dr Sanjeshkumar Gotam Rathi published research and review articles in various indexed, peer-reviewed national and international journals with high Impact factor. He is grateful to all during his work.



Mr Doshi Gaurav Mahesh, working as an Assistant Professor, **Department of Pharmacology, Vivekanand Education Society's College of Pharmacy**, Chembur, Mumbai, Maharashtra has been awarded the degree of Doctor of Philosophy (Ph.D.) in Pharmacy by Pacific Academy of Higher Education and Research University (PAHER) Udaipur, Rajasthan on 4th March 2016,

for his research work entitled **"Immunomodulatory Studies on Selected**

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Medicinal Plants". The research work was carried out under the guidance of Dr. Hemant Devidas Une, Associate Professor, Department of Pharmacology, Y. B. Chavan College of Pharmacy, Dr. Rafiq Zakaria Campus, Aurangabad. Dr. Gaurav Doshi has more than 06 years of teaching experience and has been approved as a PG Teacher by Mumbai University, Mumbai. He has guided 05 M. Pharm students and 04 students currently registered under him. He has 38 scientific publications and 110 citations to his credit. He is a life member of Association of Pharmacy Teachers of India. Dr. Gaurav Doshi serves as a reviewer of several reputed scientific journals. He is heartily thankful to his Guide, well-wishers and colleagues for their motivation, kind support and cooperation.



Vipin Mathur, Assistant Professor, Lachoo Memorial College of Science & Technology (Autonomous), Pharmacy Wing, Jodhpur, Rajasthan has been awarded the degree of Doctor of Philosophy (Ph.D.) in October, 2016 by Jagannath University, Jaipur for his research on "**Patenting of Pharmaceuticals: A Comparative Study of the Laws in U.S., Europe,**

China and India" under the esteemed guidance of Prof. Dr. B. P. Nagori, Director, Pharmacy Wing, Lachoo Memorial College of Science & Technology (Autonomous), Jodhpur and Prof. Dr. Mahendra Tiwari, Dean & HoD, Dept. of Law, Jagannath University, Jaipur.

In this research, based on a comparative study of the patent laws in U.S., Europe, China and India, suggestions for strengthening the patent regulations relating to pharmaceuticals in India are proposed. Earlier in April, 2015, Vipin Mathur and Dr. B. P. Nagori presented a research paper based on this research work at the Second Mediterranean Symposium on Medicinal and Aromatic Plants (MESMAP-2), at Antalya, Turkey. Vipin and Dr. Nagori received travel grants from University Grants Commission (UGC) and Indian Council of Medical Research (ICMR) respectively for participating in this symposium.

Dear Members,

The contributors to APTI 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 APTI Bulletin soft copy is mailed to all the APTI members as a Link and uploaded on www.aptiindia.org

Secretary APTI.

Vipin Mathur has eight years of teaching experience. He has delivered many guest lectures in the area of Drug Regulatory Affairs & Intellectual Property Rights and has to his credit many research/ review papers published in reputed national and international journals. He has attended many national and international conferences, seminars and workshops. Vipin Mathur is a Registered Patent Agent in India and a life member of APTI. He received Gold Medals for securing first University rank in M. Pharmacy exam in 2007.

Dr. Mohammad Yunoos, working as an Associate Professor in the department of Pharmaceutical Analysis, Bapatla College of Pharmacy, Bapatla, has been awarded the degree of Doctor of Philosophy (Ph.D.) in Pharmaceutical Sciences by Andhra University, Visakhapatnam in the month of November, 2016. He has carried out research work entitled



"Studies on new stability indicating RP- HPLC methods for the combinations of some selected drugs in bulk and Pharmaceutical formulations" under the guidance of Prof. D.Gowri Sankar, Principal, A.U.College of Pharmaceutical Sciences, Andhra University, Visakhapatnam, Andhra Pradesh. He has almost 10 years of teaching, research and industrial

experience and guided 35 students of M.Pharm for their dissertation work. He has published more than 50 research papers in various indexed, peer-reviewed national and international journals. He has attended and presented several papers in national and international seminars and conferences. He is a life member of Association of Pharmacy Teachers of India (AP/LM-284) and registered Pharmacist of Andhra Pradesh Pharmacy Council. He serves as an editor/reviewer/advisory/editorial board member of various journals of national and international reputations. He has two best research paper awards to his credit and also awarded with "Best Teacher Award" in 2011 by Sri Padmavathi School of Pharmacy, Thirupathi. He deeply acknowledge to his research guide, family members, Principal, staff colleagues, friends and management for their motivation, kind support and co-operation.

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KUDOS



The principal of SSS Indira College of Pharmacy, Nanded, **Dr Prakash Katakam**, has got a rare opportunity to address at the international conference held at Faculty for Technology and Metallurgy, Belgrade University and Institute for Nuclear Studies Vincha, Serbia from 15 to 21 of October 2016.

He addressed on the topics related to "Revolution of 3D Printing Technologies and their Challenges to Personalised Drug Delivery" & "Nano Technology and Functional Materials", which are his area of research specialization.

He also made an effort to have research collaboration between Indira College of Pharmacy and Belgrade University on the issues of current research being done by the students and researchers of that University. He discussed in this regard with various prominent researchers at Belgrade University, Prof. Alexander Marinkovich, Dr. Milica M Kaninski and Dr Vladimir Nikolic. He also discussed about various technologies related to drug delivery of new anticancer compounds using nanotechnology, production of useful materials from PET plastics, computer and organic waste materials those could be collaborated in coming days.



Dr. Rama Rao, Nadendla, Principal, Chalapathi Institute of Pharmaceutical Sciences (CLPT) conveyed that on the eve of 39th and 40th Foundation day celebrations of Acharya Nagarjuna University (ANU), Hon.Vice-Chancellor Dr.A.Rajendra Prasad, ANU and Dr.K.R.S.Sambasiva Rao, Rector, ANU, Guntur awarded the best Pharmacy college to CLPT amongst the other affiliated pharmacy

colleges of ANU and best library award to CLPT-library among all the libraries of affiliated colleges of ANU, Guntur. The award was received by Dr.Rama Rao Nadendla, principal, CLPT on 30th September 2016 at the Deichmman Hall, ANU campus.

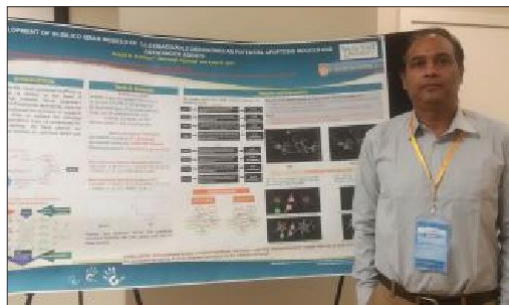
In addition, Score More Foundation (SMF) on 18th September 2016, conferred "Best emerging college in Pharma Education for the year 2016" to Sri Y.V.Anjaneyulu, president, Chalapathi Educational society, Guntur which was collected on his behalf by Mr.Y.Sujith Kumar, secretary, CES, Guntur and Vidya Shiromani award was bestowed to Dr. Rama Rao Nadendla for being best principal for the year 2016-17 in pharmaceutical education sector.



Mohammed Rageeb Mohammed Usman Elected as a Joint Secretary of Society of Pharmaceutical Education and Research (SPER) Central Branch for 2016-2019.

Mohammed Rageeb Mohammed Usman; B. Pharm, M. Pharm (Pharmacognosy); Pharmacist; birth May 24, 1984 Kasoda

(Maharashtra); Education North Maharashtra University, Jalgaon; Asst. Prof, Pharmacognosy Dept, Smt. Sharadchandrika Suresh Patil College of Pharmacy, Chopda; Having 8.5 Year Experience, Life Member: Association of Pharmaceutical Teachers of India, Society of Pharmaceutical Education & Research (Joint Secretary, Central Branch), Association of Pharmacy Professionals (President, Maharashtra State Branch), Indian Hospital Pharmacists Association, Indian Pharmacy Graduates Association, Indian Pharmacists Association (President, Jalgaon Branch.), Research Scholar Hub (Maharashtra State Branch), Society of Researchers & Healthcare Professionals (President, Maharashtra State Branch), Indian Pharmaceutical Association; Member: Indian Society of Pharmacognosy, Association of Biotechnology & Pharmacy, International Natural Hygiene Society; Association Editor/Editor of several professional journals and magazines; participated in more than 160 national and international conferences/symposia; Published Books: Appraisal on Nephroprotective Herbal Plants (2014), Anti-Inflammatory and Antipyretic Activity (2015), Traditional System of Herbal Medicines (2015), Practical Hand Book on Systematic Organic Qualitative Analysis (2015), Practical Handbook on Pharmacognosy (2016), Multiple Choice Questions (MCQs) in Pharmacology (2016), Standardization Techniques of Herbal Medicines (2016), 3 Books are



in process for publication, -co-author; 1 book chapter; and more than 60 research papers/articles published in various national and international journals; presented more than 130 paper in national and international conferences/symposia; project more than 40 project completed under his guidance; Awards Fellowship Award 2013 (twice), 2014, 2015 (twice), Appreciation Award for Poster 2013, Young Performer Award 2013, Young Pharmacy Teacher Award 2014, Best Oral Presentation Award 2014, Young Innovative Researcher Award 2014, Appreciation Award for Oral Presentation 2014, Young Talent Award 2014 (twice), 2016, Young Pharmacist Award 2015, Young Excellent Academic Award 2016, Life Time Achievement Award 2016. Recently his Biography has been included in the renowned directory "Who's Who in the World 2016 and published in the 14th Volume, August 2016.

Dr. Sushil K. Kashaw, Assistant Professor (Stage-III), Department of Pharmaceutical Sciences, Dr. H.S Gour Central University, Sagar has attended the 2nd International conference on respiratory and pulmonary medicine at Chicago, USA between 17-18, Oct, 2016. The conference was organized by conference series group. Dr. Kashaw presented his work entitled "Development of in-silico QSAR models of 1,2,4 Oxadiazole derivatives as potential apoptosis inducer and anticancer agents". He is thankful to the UGC, New Delhi for financial support.



Dr. Nishikant Raut, Assistant Professor (Sr. Gr.) from Department of

Pharmaceutical Sciences, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur presented research paper at "2016 AAPS Annual Meeting and Exposition" held at Denver, Colorado, USA during 13-17 November 2016. The title of Dr. Raut's presentation was "Assessing the Enhancement of Aqueous Solubility of Efavirenz via Lyophilized Milk Based Solid Dispersion Formulations", which is a part of his SERB-DST, Govt. of India sponsored Research Project. The conference was attended by more than 5000 delegates across the globe. Dr. Raut is Jt. Coordinator for Society for Ethnopharmacology, India- Nagpur Chapter. He has been awarded with UGC-Raman Post-Doctoral fellowship and currently pursuing his post-doctoral research at University of Illinois at Chicago.

Dr. Jayvadan Patel, Professor of Pharmaceutics, Nootan Pharmacy College and Dean, faculty of Pharmacy, Sankalchand Patel University, Visnagar, Gujarat and President of APTI, Gujarat State has attended International Conference on Nanomedicine and Nanobiotechnology-2016 held at University Pierre and Marie Curie, PARIS during 28th to 30th September-2016. Dr. Patel orally presented a research paper entitled "Enhanced antifungal activity of Itraconazole by the supercritical antisolvent technique" in this conference and received fruitful comments and words of appreciation from the international research fraternity gathered for this in demand event. He has received international travel grant form SERB/DST for presentation (ITS/3263/2016-17). He has more than 20 years of academic and research experience, has published more than 225 research and review papers in international and national peer reviewed journals and 28 books/chapters. He has presented more than 150 research papers at various international and national conferences as author and coauthor. Dr. Patel has presented 31 research papers at various international conferences (overseas). Dr. Patel has guided 32 PhD; 88 M Pharm students for dissertation work and 08 students are currently pursuing their PhDs under his guidance. Dr. Patel is recipient of very prestigious "APTI Young Pharmacy Teacher Award-2014" by Association of Pharmaceutical Teachers of India and Fast Track Young Scientists Award by SERB (Department of Science and Technology), Government of India. He holds one patent. He has completed 10 research projects of Rs. 13 Million sponsored by AICTE/GUJCOST/DST/SERB/DBT/BRNS, India. He has organized twelve National seminars/workshops/ conferences, one staff development programme, two popular lectures on biotechnology and two refresher course organized as coordinator sponsored by AICTE /GUJCOST /DST/SERB/DBT/GSPC, India.

ACHIEVEMENTS



On 21 November 2016 **Smt. Sharadchandrika Suresh Patil College of Pharmacy**, B .Pharm course was awarded with the Accreditation by National Board of Accreditation, New Delhi for two years 2016-17 and 2017-18. For this big achievement and success by the team headed by Dr. Bhushankumar Sathe as a NBA Coordinator under the guidance of Principal Dr. Vadnere Gautam, Academic In charge Dr. A.V.Patil, Dr. J.C.Hundiwale, Admin Head Mr. More P.B and all team members Teaching-Nonteaching were appreciated and congratulated by Hon. Dadasaheb Dr. Suresh Patil, Founder President MGSM, Chopda, President Hon. Adv. Sandeep Suresh Patil, Secretary Hon. Dr.Smita Sandeep Patil.



Dr. Nishikant A. Raut, Assistant Professor (Sr. Gr.) from Department of Pharmaceutical Sciences, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur conferred with prestigious Raman Post-Doctoral Fellowship for the year 2015-16 in USA by University Grants Commission, Government of India, New Delhi for the period of 9

months. He has joined Department of Pharmacy Practice, College of Pharmacy, University of Illinois at Chicago as Post-Doctoral Fellow under Dr. Gail Mahady. His post-doctoral research will be to establish mechanism of dietary anthocynins in the treatment of osteoporosis using transgenic medaka fish model. He will also have exposure to some state of the art novel technologies during his PDF. He has 13 years of teaching and research experience having research grants of more than Rs. 70 lakhs to his credit from various funding agencies. He has handled 2 research projects till date having 14 international and 2 national publications in peer reviewed journals of repute including 2 book chapters to his credit. His research areas include herbal drug research, solubility and bioavailability enhancement of herbal drugs and pharmaceuticals with low aqueous solubility.

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CALENDAR 2017

January						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
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February						
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March						
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April						
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May						
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CALENDAR 2017

July						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
30	31					1
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August						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
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September						
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October						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
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November						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
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December						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
31					1	2
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10	11	12	13	14	15	16
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COLLECTOR'S ALBUM



Johannes Andreas Grib Fibiger
(23 April 1867 – 30 January 1928)

He was a Danish scientist, physician, and professor of pathological anatomy, received Nobel Prize in 1926 for his discovery of the "Spiroptera carcinoma".

Contributed by
Dr. Kuntal Das

Professor
Krupanidhi College of Pharmacy
Bangalore

Today's Market Drive Towards Nutraceuticals for Tomorrow's Healthy Life

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

Nutraceutical is a broad term, used to describe any product derived from food sources with extra health benefits in addition to the basic nutritional value found in foods. It depends on the sources that derived from different types of herbals, fruits and marine resources. They can be categorized on the basis of their natural sources, pharmacological conditions, and also chemical composition of the products. The intake of nutraceutical products has predominantly increased beneficial effects on human health likely physiological benefits, physical performance booster and an option in inhibition, management and treatment of numerous diseases. Furthermore Nutrition supplements are considered as non-food items that are used to enhance nutritional status. And with the great interest, nutraceutical companies are looking to create a huge profit margin with unregulated products from world market.

Key words: Diseases, health benefit, herbal food, industry, nutraceuticals.

Introduction: Consumption of the junk food has increased manifold leading to a number of diseases caused due to improper nutrition. These junk foods are enhanced with the current population and busy life schedules of human. Hence people are suffering with various cancers, heart diseases, obesity and other complicated diseases that are life threatening. To make life healthy people became more aware with their health and trying to change their life style. Due to rising awareness about health, fitness and changing lifestyle in recent era, nutraceutical market is in focus. Nutraceutical is a compound word which is of 'nutrition' and 'pharmaceutical'. Nutraceutical product is a food or fortified food product that not only supplements the diet but also provides health and medicinal benefits, including the prevention and treatment of diseases in addition to the basic nutritional value found in foodstuff. Nutraceuticals

are food or part of food playing a significant role in modifying and maintaining normal physiological function that maintains healthy humans. The principal reasons for the growth of the nutraceutical market worldwide are the current population and the health trends. The concept of Nutraceuticals was started from the survey in UK, Germany and France which conclude or hereditary factors for achieving good health¹.

Classification: Nutraceuticals are classified based on food source, mode of action, chemical nature etc. The food sources used as nutraceuticals are all natural and can be categorized as: Dietary Fibre, Probiotics, Prebiotics, Polyunsaturated fatty acids, Antioxidant vitamins, Polyphenols and Spices^{2,3}. Figure-1 described the classification of nutraceuticals.

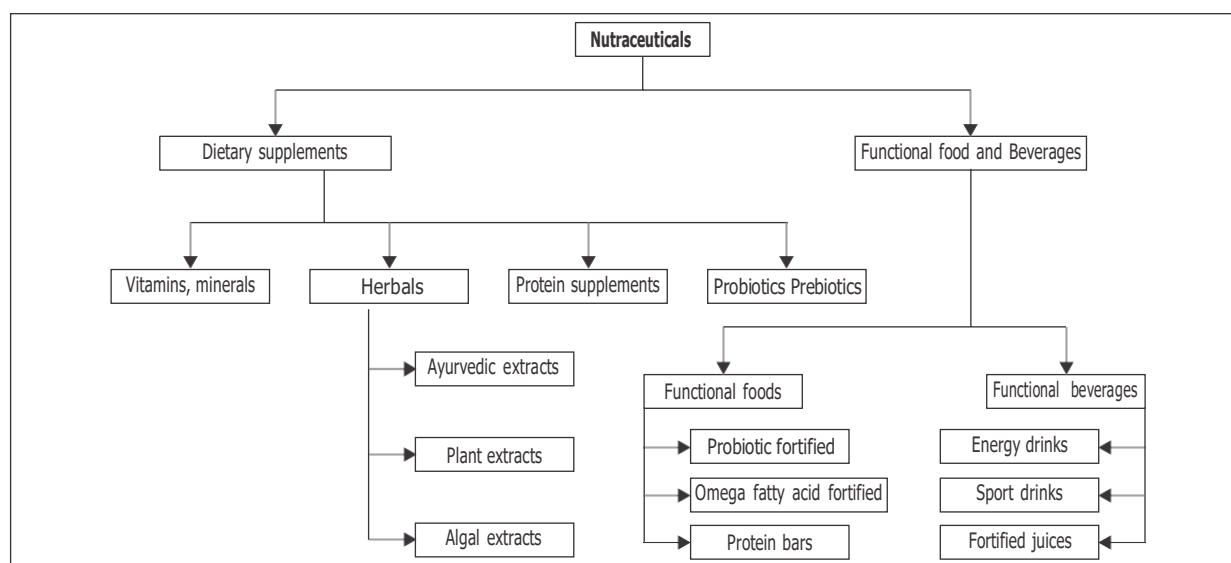


Fig. 1: Classification of Nutraceuticals

Global market of nutraceuticals:

In 2007, the world nutraceutical market grew to reach \$74.7 billion, compared to that of 2002, when it reached \$46.7 billion (BCC Research). The leading countries having nutraceutical markets include USA, UK and Japan. The Indian nutraceutical market valued at US \$ 1,480 million in 2011, US \$ 2 Billion in 2012 and it is likely to touch \$6.1 billion by 2020 from the current level of \$2.8 billion, growing at compound annual growth rate (CAGR) of 17 per cent, a study showed⁴. The study also estimated that the global nutraceuticals market may cross \$262.9 billion by 2020, growing at a CAGR of about 8 per cent. The Global Nutraceutical market is estimated to have a growth rate of 6.6% during period of 2012-2017 in protein and peptides segment of dietary supplement market (Figure-2). The non herbal segment of dietary supplement market will have a growth rate of 6.3% from 2012 to 2017⁵. In Asian countries, Japan (14 per cent) is the major consumer of nutraceuticals in Asia-Pacific, followed by China (10 per cent) and then India, which accounts for around 1.5 per cent of the global market⁶ (Figure-3).

Some of the major Nutraceuticals industries that provide major resources for the discovery of nutraceuticals and related dietary supplements include Monsanto, American Home Products, DuPont, BioCorrex, Abbott Laboratories, Warner-Lambert, GlaxoSmithKline Consumer Healthcare, Johnson & Johnson, Nestle, Novartis, Metabolex, Yakult-Danone India, Herbalife etc. Besides, India has many local players such as Dabur India, Cadila Healthcare, British Biologicals, Himalaya Global Holdings, Sami Labs, Sami Direct, Parry Nutraceuticals, Wockhardt etc. These industries have been witnessing increasing awareness among the rising affluent middle class about health and wellness. Nearly 400 million people in India belong to the middle class and have the disposable income which made them capable to buy Nutraceuticals and dietary supplements.

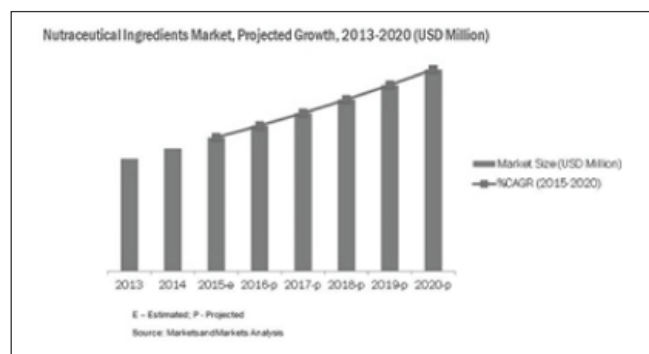


Fig. 2: Estimated Global market of nutraceuticals

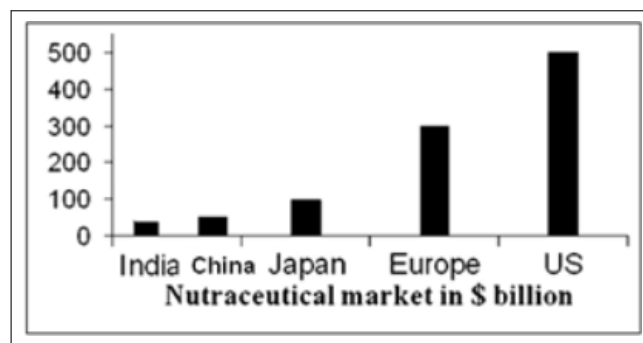
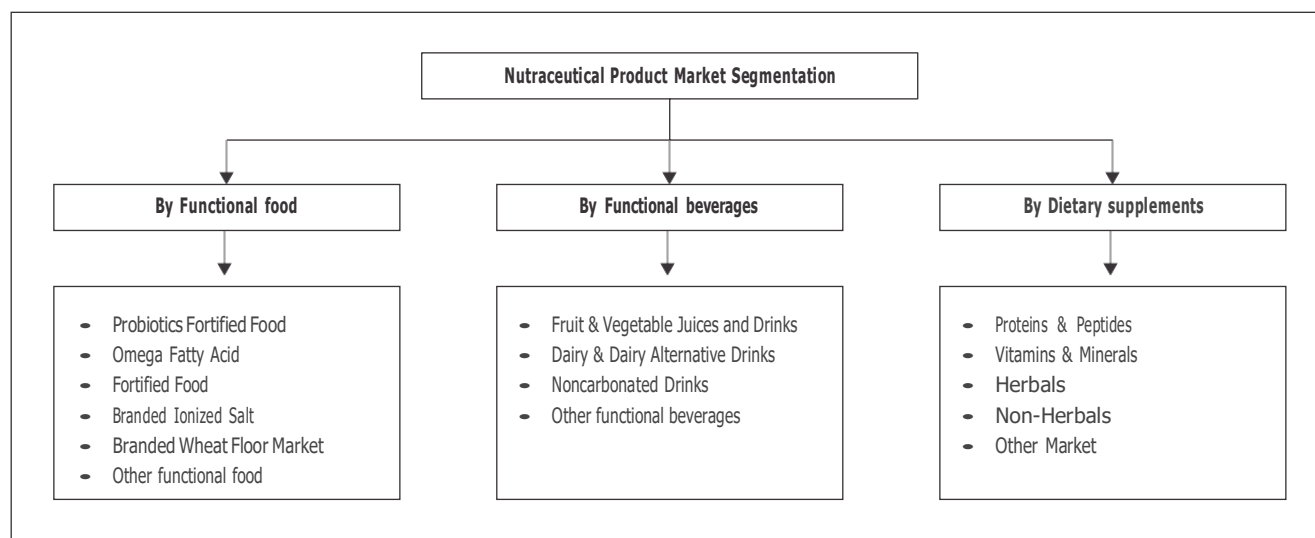


Fig.3: Market growth of India than other countries in nutraceuticals

Nutraceuticals, herbal and functional foods in India are covered under the definition of food as per Section 22 of Food safety & Standards Act, 2006. These food products have been categorized as non-standardized/special food products. At present, India does not have any kind of regulatory guidelines for the approval or monitoring of the products under this segment. The Indian Nutraceuticals market is the fastest growing sector among other sectors of Indian food and Pharmaceuticals market and is expected to sustain its growth in the coming years. The functional food and beverage market in India is expected to have 70.74% as compared to the dietary supplement in 2017⁷. The report said the nutraceuticals market penetration in urban India is around 22.5 per cent while it is comparatively low in rural India at around 6 per cent due to the lack of awareness⁴. It is interesting to note that the domestic nutraceutical market is mainly concentrated in southern region of the country, followed by the eastern region with leading top three states being Andhra Pradesh, Tamil Nadu, and West Bengal. The urban-centric nutraceutical market is gradually gaining ground in rural India with the rural market capturing almost 1/3rd of the total nutraceutical market in India.

It urged both private and government to create awareness about the health benefits of nutraceuticals among masses, call off counterfeit and un-registered players from the market. Thereafter government should provide special incentives and subsidies to companies for faster growth of the Nutraceuticals market in India.



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Association of Pharmaceutical Teachers of India (APTI)

Headquarters: Bangalore

Citation

**Dr. L V G Nargund of Nargund Research Foundation, Bengaluru's
Prof. C. J. Shishoo Award 2016
For Research in Pharmaceutical Sciences
Prof. Dr. BISWAJIT MUKHERJEE**

The Association of Pharmaceutical Teachers of India is proud to honour Prof. Dr. BISWAJIT MUKARJEE with "Dr. L. V. G. Nargund of Nargund Research Foundation, Bengaluru's Prof. C. J. Shishoo Award 2016 for Research in Pharmaceutical Sciences" during its 21st Annual National Convention being held at Manipal from 14th to 16th October, 2016.

Prof. Biswajit Mukherjee, born on 25th October 1965, obtained B. Pharm., (1988), M. Pharm., (1990), and Ph. D. (1994), from Jadavpur University Kolkata. Prof. Mukherjee started his career in pharm teaching as lecturer in Department of Pharmaceutical Sciences, Punjab University in the year 1997. Prior to this he worked in UP Drugs and Pharm. Ltd. as junior executive (Production). Late on in the year 2002 he shifted to his alma-mater as reader. Since then Prof Mukherjee is serving in Jadavpur University, Kolkata in varying capacities such as Asso. Professor. He was honoured with German academic Exchange services fellow (DAAD Fellow), served as guest scientist at German Research centre, He was also the visiting fellow of School of Pharmacy, University of London, UK. He was the Indo-Hungarian Education Exchange Fellow. He also worked in Finland on Finland Government scholarship. He also secured Overseas Research Associateship award from Department of Bio-technology (Govt. of India). He is also the recipient of UGC research award in 2009.

At present Prof. Mukherjee is serving as Professor, in the department of Pharm. Sciences, Jadavpur University, Kolkata. In addition he is the co-coordinator, AICTE sponsored Quality Improvement Programme (QIP) nodal cell (Pharmacy), Jadavpur University, Joint Coordinator, Centre for Advance Research in Pharmaceutical Sciences, Jadavpur University.

Prof. Mukherjee is also a popular teacher and researcher in the Pharmaceutical Sciences. He has published more than 75 research papers in both national and international journals with h index of 19. He has also presented several research papers in both national and international conferences. He has delivered invited talks in national and international conferences, seminars and participated as resource person in several workshops. He has written chapters in seven books published by reputed publishing houses and co-authored a book. He guided about 40 M.Pharm. students and 20 Ph.D. scholars. Prof. Mukherjee also accomplished 17 research projects worth about Rs. 1.10 crore as principal investigator and is presently working on 8 more projects.

The Association of Pharmaceutical Teachers of India is proud to recognise the yeoman services rendered by **Prof. Biswajit Mukherjee** in all aspects of Pharmaceutical education and confer this award on him. We wish him all the success in his continued constructive productive research in the coming years.





Association of Pharmaceutical Teachers of India (APTI)

Headquarters: Bangalore

Citation

IPER's Principal of the Year 2016.

Dr. SHAILENDRA SARAF

The Association of Pharmaceutical Teachers of India is proud to confer the prestigious award " IPER's Principal of the Year 2016 on **Prof. Shailendra Saraf**, for the all-round development of his institution, University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur during the **21st Annual National Convention of APTI**, being held at Manipal, from 14th to 16th October, 2016.

Prof. Shailendra Saraf born on 31 March 1964, obtained his B.Pharm (1986), M. Pharm., (1988), Ph. D.,(1993), from Dr. H.S. Gour University, Sagar.

Dr. Saraf was the senior research fellow in his alma-mater from 1988 to 1994. He began his distinguished career as lecturer in B.N. College of Pharmacy, Rajasthan in 1994. Later on, he shifted to B.R Nahata College of Pharmacy, Mandsaur in 1995 as Principal. Prof. Saraf joined University Institute of Pharmacy, Pt. Ravishankar Shukla University as Professor & Director in 2002 serving the university in the same capacity since then. Prof. Shailendra Saraf is serving the University Institute of Pharmacy, Pt. Ravishankar Shukla University with all his sagacity and dedication for the all-round development of it. Prof. Saraf was successful in getting grant of about Rupees 13 crores from various governmental funding agencies in about 10 years, which speaks volumes about his dynamism and enthusiasm in upgrading the institute. It is again noteworthy to record that his institute under his stewardship secured 22nd rank in NIRF ranking system and is bestowed with Dr. Babu Ram Saxena memorial best department award in the year 2015. The institute was given B grade by NAAC. In addition to such illustrious developmental approach, he is involved in developing pharmacy regulations and standardisation of pharmacy education, as a member of PCI, AICTE and other regulatory bodies.



Prof. Saraf possesses unique organisational ability, which is evident from the fact that, he organised 12 national seminars/workshops/conferences in about 10 years. In addition to his administrative and organisational abilities, he is also a distinguished academician and researcher in the field of Pharmacy, which is reflected in his more than 172 research publications in national and international journals, about 100 presentations with h index of 23 and g index 52. He also co-authored two text books and wrote chapters in 3 books. Professor Saraf guided 16 scholars for Ph.D. and 25 M.Pharm. students. In addition Prof. Saraf is awarded research projects worth Rs.90 lakhs from various funding agencies. He has also applied for 11 patents.

Prof. Saraf is serving the Pharmacy education as the member of various experts committees of AICTE, PCI and UGC. Another distinguishable contribution of him is that he is instrumental in establishing first ever drug information centre in Chhattisgarh state. He also contributed to the society as a responsible citizen by organising blood donation camps, plantation of medicinal herbs and plants and several health awareness programmes, etc.

The Association of Pharmaceutical Teachers of India congratulates **Dr. Shailendra Saraf** for his scholarship, leadership, commitment and devotion to the profession in general and Pharmacy education in particular. APTI bestows this Principal of the Year award on him in recognition and appreciation of his yeoman service. The Association expects a string of achievements from him in the years to come.



Association of Pharmaceutical Teachers of India (APTI)

Headquarters: Bangalore

Citation

Dr. (Mrs) Manjusree Pal Memorial Award for the Best Pharmaceutical Scientist 2016. Dr. RAMESH PANCHAGNULA

The Association of Pharmaceutical Teachers of India is immensely pleased to confer "Dr. (Mrs) Manjusree Pal Memorial Award for the Best Pharmaceutical Scientist 2014" on **Dr. RAMESH PANCHAGNULA** for his outstanding achievements as teacher researcher during its 21st Annual National Convention being held at Manipal during 14th-16th October, 2016.

Dr. Ramesh Panchagnula, born on 12th September 1961, obtained B. Pharm.,(1983), M. Pharm.,(1985) (Pharmacology) from Andhra University, Visakhapatnam, M.Sc. (1987) from University of Strathclyde, England and Ph.D. (1990) Cincinnati University. He also obtained D.Sc. (2008) from University of Strathclyde.

Dr. Panchagnula began his illustrious career as teacher and researcher in 1990 as Asst. Professor at division of Pharmaceutical Sciences, Massachusetts College of Pharmacy, Boston, USA. Dr. Panchagnula joined as Associate professor at National Institute of Pharmaceutical Education and Research (NIPER), Mohali in the year 1994. He was promoted to the post of Professor and Head in the year 1999. Later on Dr. Panchagnula joined University of Ulster, England as professor in the year 2005. In the year 2006 he joined Pfizer, Mumbai as Director and head and served in that capacity till 2010. In the year 2011 he was posted as director and head of Biotechnology operating unit. He is at present serving as Director and head, Nektar Therapeutics India (Pvt.) Ltd.

Dr. Panchagnula has put up more than 25 years of service in teaching and research in drug development, Pharmaceutical R&D, Drug delivery, Biopharmaceutics, etc. He has guided several Ph.D. Scholars and M.S. students and published more than 260 research papers in national and international journals.

Dr. Panchagnula is role model for academy and industry interaction. He has successfully transferred technology developed in the laboratory to the manufacturing site. In recognition of his yeomen services in the field of teaching, research and manufacturing facets of pharmacy profession; several awards, fellowships and honours have been bestowed on him, which includes, Rajib Goyal Prize for Life Sciences, Ranbaxy Research Award in Pharmaceutical Sciences, AstraZeneca India Distinguished Lectureship, Fellow, The Royal Society of Chemistry, etc.

The Association of Pharmaceutical Teachers of India recognises and appreciates the eminence of **Dr. Ramesh Panchagnula** and his imprint on the profession. The Association wishes him a glorious life ahead.





Association of Pharmaceutical Teachers of India (APTI)

Headquarters: Bangalore

Citation

Association of Pharmaceutical Teachers of India's

Young Pharmacy Teacher of the Year 2016

Dr. DADASAHEB M. KOKARE

The Association of Pharmaceutical Teachers of India is pleased to recognise the distinguished contribution to the Pharmacy Education made by **Dr. Dadasaheb M. Kokare** at a young age and honour him with "The Association of Pharmaceutical Teachers of India's Young Pharmacy Teacher of the Year 2016" Award during its 21st Annual National Convention being held at Manipal during 14th -16th October 2016.

Dr. Dadasaheb M. Kokare born on January 2nd 1977, obtained B. Pharm. (1999), from Shivaji University, Kolhapur, M. Pharm. (2001) from Nagpur University and, Ph. D.(2008) from RTM, Nagpur University. Dr. Kokare undertook research in UIC, USA as Post-Doctoral fellow in 2015. He began his teaching career as Lecturer in 2001 at S.K.B. College of Pharmacy, Kamptee. Later on he shifted to RTM Nagpur University in the year 2003 as Asst. Professor. He is serving in this capacity till date.

Dr. Kokare is a active researcher and has published more than 70 research papers in both national and international scientific journals. He has also presented more than 100 research papers in national and international seminars/workshops/conferences. His h-index is 20 and total number of citations is more than 1000. This speaks of relevance and the originality of research activity undertaken by him. Dr. Kokare has guided 03 Ph.D. scholars and 27 M.Pharm students. It is again laudable that Dr. Kokare has been awarded research projects worth more than Rs. 2 crores by various funding agencies.

In recognition of his research, several agencies have conferred with awards such as Olson Award, Young Pharmacy teacher award by APTI Maharashtra state branch, best paper awards in various conferences and seminars. One of his research outcome, which was supposed to be patented, was published in the interest of low budget Indian laboratories. This lead to the adaptation of the same by many institutions. This itself shows the social and professional commitment of Dr. Kokare. He has also participated in various conferences, seminars and workshops as resource person.

In addition to his distinguished research and academic activities, Dr. Kokare is involved in organisation of various scientific conferences and workshops.

The Association of Pharmaceutical Teachers of India is immensely impressed by the milestones already crossed by this young teacher and researcher, **Dr. Dadasaheb M. Kokare**, and expects him to be crowned by many more laurels in the days to come.





Association of Pharmaceutical Teachers of India (APTI)

Headquarters: Bangalore

Citation

Bharathi Vidyapeeth (Deemed University) Pharmacy College, Pune

Pharmacy Teacher of the Year 2016

Prof. MILIND PARLE

The Association of Pharmaceutical Teachers of India is immensely pleased to honour Prof. MILIND PARLE with the "Bharathi Vidyapeeth (Deemed University) Pharmacy College Pune - Pharmacy Teacher of the Year 2016" for his outstanding contribution to the profession as a teacher and researcher, during the 21st Annual National Convention of APTI being held at Manipal during 14th – 16th October 2016.

Prof. Milind Parle, born on January 9th 1958, obtained B. Pharm., (1980) from Government College of Pharmacy, Karad, M. Pharm., (1982), and Ph. D., (1986), from Punjab University Chandigarh. Prof. Parle began his illustrious career as principal at S.C.S. College of Pharmacy, Harapanahalli, Karnataka in the year 1987. Later on he shifted to Maharashtra College of Pharmacy, Nilanga as Principal and Professor in the year 1991. He also served as professor at BLDEA College of Pharmacy, Bijapur from 1992 to 1994. Prof. Parle has also served in AICTE as Director for three years (1994-1997). Later on he joined G.J. University of Science and Tech. Hisar in the year 1997 as professor. He is at present serving as Dean of faculty of Medical Sciences, Dept. of Pharm. Sciences of G.J. University.

Prof. Parle, though began his career as Principal and Professor, the research instinct in him never diminished. It is reflected in his more than 215 published research papers, which were cited for more than 2300 times with h-index 26. Prof. Parle also attended as resource person, invited speaker, adjudicator of research papers in several national and international symposia/conferences/workshops. In addition to this he also co-authored chapters in

books and one book. Prof. Parle was awarded several research projects worth about 35 lakhs by various funding agencies. He has guided 9 Ph.D. Scholars and more than 40 M.Pharm. dissertations. He has got several patents to his credit. His research and the laboratory received international recognition and remarkable citations. He is also under-taking consultative and collaborative research projects. In addition to his research, teaching and administrative accomplishments, he also possesses laudable organisational skills, which are manifested in well organised conferences, seminars under his stewardship.

It is again noteworthy that Prof. Parle is having a rare combination of research and sports zeal. He is a renowned Chess player and participated in several FIDE rated international tournaments. He is also serving as office bearer of several socio-cultural organisations.

In recognition of his versatile personality, several research and other awards like best teacher award by Haryan state Govt., Rashtriya Gaurav award, etc., were bestowed on him.

Professor Milind PARLE is a much loved and revered teacher and researcher, not only by his students but by others as well. The Association of Pharmaceutical Teachers of India congratulates him for his achievements and scholarship and wishes him all the best.

