



68th Indian Pharmaceutical Congress, December 16-18, 2016, Andhra University campus, Visakhapatnam, AP

The 68th Indian Pharmaceutical Congress (IPC), was held in the Andhra University Campus, Visakhapatnam, Andhra Pradesh from December 16-18, 2016. The IPC was inaugurated on December 16, 2016, by the Honorable AP State Minister for HRD, Mr. Ganta Srinivasa Rao and got off to a glorious start. During the ensuing three days, the IPC helped in making huge strides in the advancement of pharmaceutical sciences and pharmacy practice through excellent scientific sessions held in seven different tracks. It energized the pharmacy students and faculty as well as all other delegates of the IPC through posters and oral sessions. Although the conference was confined to only three days, there were multiple activities to its unfolding, such as a pre-congress workshop on health economics and operations research, the IPC Expo 2016, organized with the support of the exhibition partner Orbit exhibitions, a CEO Conclave addressed by the Honorable Chief Minister of Andhra Pradesh on December 17, 2016, The IPA-68th IPC National Pharma Quiz 2016, Student placement conclave, the IPA-Devinder Pal National Elocution Competition, leaders in training programme for student delegates, dance and cultural festival asentertainment program for the delegates, health campaigns, different association and Alumni meetings and many more. The highlights of the 68th IPC include the Prof. V. Subba Rao Memorial President Symposium on the theme of the congress "quality pharmaceuticals and patient welfare", Sri. B.V. Patel, Prof. M. L. Khorana, and Prof. K. C. Chatterjee memorial lectures, plenary lectures and symposia by invited speakers from all over the world, finals of the IPA-Devinder Pal National Elocution Competition, IPA awards function and dinner and the prize distribution of the best poster and oral presentations during the valedictory function.

The following is a brief report of the day to day proceedings of the 68th Indian Pharmaceutical Congress.

Pre-congress Workshop on the theme 'Health Economics and Outcomes Research (HEOR) in Low Resource Settings'.

A pre-congress workshop was held on December 15, 2016, as a prelude to the scientific deliberations that would follow during the 3 days of the congress. The speakers who participated in the pre-congress workshop included, Dr. Yash Jalundhwala, Abbvie Inc, Chicago, USA, Dr. Ramesh Adepu, Chairman, Hospital Pharmacy Division, IPA, Dr. Meghana V. Aruru, Indian Institute of public health, Hyderabad, Dr. Gregory Reardon, Associate Professor and Prof. M. Chandra Sekar, Professor of Pharmaceutical Sciences, University of Findlay, Findlay, OH, USA. The pre-congress workshop ended with a panel discussion moderated by Dr. Meghana Aruru. It was attended by more than 100 Pharm. D. Students and faculty members.

Inauguration of 68th IPC on December 16, 2016

The inauguration of the 68th IPC place in the Andhra university south campus grounds in a huge pandal specially built to accommodate more

than 8000 delegates. The Chief Guest of this function was the Honorable minister for Human Resource development of the state of Andhra Pradesh, Mr. Ganta Srinivasa Rao and other guests who graced the occasion were, Prof. G. Nageswara Rao, Vice-chancellor of the Andhra University, Prof.



Inauguration of the 68th IPC

B. Suresh, President, Pharmacy Council of India and Vice Chancellor, JSS University, Mysore, and Prof. D. Gowri Sankar, Principal Andhra University College of Pharmaceutical Sciences.



Shri Ganta Srinivasa Rao Lighting Lamp at the inauguration also seen (L to R) Dhilip Kumar, Sri. S.V. Veerramani, Dr. B. Suresh, Dr. Rao Vadlamudi and Dr. Atul Nasa

Dr. Rao Vadlamudi, Chairman, LOC and President, IPA welcomed the chief guest, the guests of honour, AU authorities, delegates, invited speakers, guests and promised a rewarding experience at the congress. Dr.



Dr. Rao Vadlamudi and Kaushik Desai welcoming Dr. Raymond Anderson, President CPA



Invitees and Delegates during the inauguration of 68th IPC

Vadlamudi also welcomed the President of Commonwealth Pharmaceutical Association (CPA) Mr. Raymond Anderson and Vice President Mrs. Lorraine Osman. He informed that this congress has a mammoth gathering of nearly 10000 pharma professionals representing various facets of pharmacy. While welcoming the industry delegates and managements of various pharmacy institutes, he thanked the chief patron and all sponsors of the congress for their excellent support to the event. He humbly requested the delegates to excuse any lacunae from the organizers while making arrangements for this mammoth event.

Dr. T. V. Narayana, General Secretary, IPCA, Secretary LOC and Chairman, Education Division of IPA addressed the gathering. After welcoming all the guests and delegates he presented a report on the 67th IPC held at JSS University, Mysore. Dr. Narayana said that IPC each year is being hosted by different federating associations of IPCA on a rotation basis since 2007. As a part of that arrangement,



IPA President, Dr. Rao Vadlamudi welcoming the delegates during the inauguration

the Indian Hospital Pharmacists Association (IHPA) hosted the 67th IPC at JSS University, Mysore in December 2015. About 5000 plus delegates attended the conference. He then presented a short report on the highlights of the 67th IPC. Dr. Narayana sought two nominations from the registered delegates to act as subject committee members to draft IPC resolutions. The names of Mr. K. Raja Bhanu and Mr. J. Jayaseelan were proposed and seconded by the audience.

Sri S. V. Veerramani, President of the 68th IPC, presented his presidential address to the delegates. His address was focused on the theme of the congress, quality pharmaceuticals and patient welfare. In his address,



Presidential address by Sri. S. V. Veerramani, President, 68th IPC

he touched upon the elements of quality and the evolution of quality. He emphasized that the ultimate objective of quality is to meet patient expectations, which are, to be effective when used as directed, to be safe as labeled, to be available when needed and to be

affordable. He defined the role of pharmaceutical industry and the regulators to build a robust pharmaceutical quality system that ensures quality pharmaceutical products do meet the above expectations of patients. The Indian pharmaceutical industry has contributed significantly to improving the health indicators such as life expectancy, infant mortality, birth rate and much more by making available high quality but affordable medicines. He further asserted that the pharmaceutical industry must spare no efforts to reduce disease burden in our country not only the communicable diseases but also in the arena of non-communicable diseases. He stressed on patient safety and the importance of pharmacovigilance programme. He exhorted that pharmacists are the only technically competent persons who can ensure that quality pharmaceuticals lead to patient welfare and asked all the young pharmacists among the delegates to live up to that role.

Dr. A. Ramkishan, the Scientific Convener, IPCA and the Deputy Drugs Controller of India, during his address, thanked all the speakers, chairpersons, moderators and co-chair persons who traveled from different parts of the world to participate and make the congress a huge success.

He reiterated that the scientific program of the congress is developed to address various aspects of the congress theme. The scientific programme to be run in 7 separate tracks during the next 2 days would cover the prof. V. Subba Rao Memorial IPC President's symposium, 3 award lectures, 10



Dr. A. Ramkishan, Scientific Convener, IPCA addressing the delegates at Scientific session.

plenary lectures, 11 symposia, one short course, oral and poster presentations by students & faculty, the national elocution competition finals and various association meetings. A total of 69 invited speakers, 38 chairpersons/co-chairpersons and moderators will be involved in the scientific programme. He thanked the members of the scientific services committee and the chairman of the Scientific committee of LOC for their efforts in preparing the programme.

Prof. K. P. R. Chowdary, Chairman, Scientific Committee, LOC, in his address credited the scientific services committee for developing a unique program for the 68th IPC, which would run in 7 tracks. An important feature of this congress is that the Pharmacy Council of India (PCI) accorded recognition to the scientific sessions of this congress as a refresher course/continuing pharmacy education. One of the highlights will be a symposium entitled 'women pharmacists adding value to the pharmacy profession', which would focus on the achievements of women pharmacists he added. A total of 6000 abstracts were received through online submission, which was evaluated by 30 experts. From among these 2950 papers for posters and 60 for the oral presentation were selected. He also added that 130 experts were selected for evaluating oral and poster presentations.

Prof. G. Nageswara Rao, Vice Chancellor, Andhra University welcomed the guests and delegates to Andhra University. He gave a brief history of Andhra university. He also mentioned that Andhra University is the only University that had that three Bharat Ratna recipients as its faculty, Sir C. V. Raman, Dr. S. Radhakrishnan and Sri M Visweswarayya. He also added that the union minister Mr. Venkayya Naidu and the chief guest Mr. Ganta Srinivasa Rao were alumni of Andhra University.

Prof. B. Suresh, President of the PCI, India in his address, recalled the pharma Vision 2020 released by the former president of India, Dr. A. P. J. Abdul Kalam in Chennai in 2003 and motivated the pharmacy professionals attending the congress to take the 5 point oath given by Dr. Kalam, 1. I realize pharma is a noble profession. 2. I will always apply science and technology in pharmaceutical work for the patient welfare. 3. I realize that pharmacy can provide cost effective pure drugs and medicines to the people. 4. While I am working in the pharmacy from design to formulation development, testing, quality control and marketing, I realize a flaw committed knowingly or unknowingly might result in loss of human life. 5. I love my pharmacy profession and I consider it an honour to work as a pharmacist. May GOD help me to serve the humanity!"

The Congress was inaugurated by the Hon'ble Minister for HRD, Government of Andhra Pradesh, Shri Ganta Srinivasa Rao, who while addressing the enormous gathering of more than 10,000 pharmacy professionals representing the industry, academics, drug regulatory bodies, hospital and community pharmacists, stated that the State of Andhra Pradesh under the dynamic leadership of Shri N. Chandrababu Naidu, is taking huge strides within a very short period of its formation and adjudged as the best state for industrial investments. He announced that the Chief Minister is looking forward to the meeting and to interact with the Pharma CEO's attending the congress to explain the forward-looking industrial policy and the amenities being made available in the state. He encouraged Pharma industries to set up their units in AP. He encouraged the participating student delegates to take up skill development programmes in a very big way. The minister lauded the role played by the pharmacy profession for supplying quality medicines in the delivery of healthcare to the patients.

The Chief Guest then conferred the following awards on the following people in recognition of their services to profession,

- ❖ Eminent Pharmacist of the year award of the IPA to Dr. T.V. Narayana
- ❖ Prof. M. L. Khorana Memorial lecture award of IPA to Dr. Krishna R. Devarakonda
- ❖ Prof. M. L. Schroff Memorial award of IHPA to Dr. G. N. Singh.
- ❖ Prof. G. P. Srivastava memorial award of APTI to Prof. V. M. Kulkarni
- ❖ Prof. K. C. Chatterjee memorial award of IPGA to Prof. Arun Garg
- ❖ Best Drugs Control Officer Award of AIDCOC to Dr. H. G. Koshia and Mr. K. Raja Bhanu
- ❖ Prof. M. L. Khorana Medal for highest marks in final B.Pharm by IPA to Ms. Sreelaxmi K. Shenoy
- ❖ Prof. M. L. Schroff Medal for highest grade in final B.Pharm by IPA to Ms. Aashu S. Gupta
- ❖ Sri K. K. Acharee Award for highest marks in D.Pharm by IHPA to Ms. P. Rizwana and Ms. Leela G. Chaudhari
- ❖ Sri B. V. Patel National Essay writing competition prizes were awarded to Mr. Devendra Pratap Singh, Mr. Swapnil P. Borse and Ms. Esha H. Shah.



Dr. T. V. Narayana receiving the 2016 IPA Eminent Pharmacist Award

The inaugural function of the Congress concluded with a Vote of Thanks proposed by Prof. D. Gowri Sankar, Principal, AU College of Pharmaceutical Sciences.



Dr. Krishna R. Devarakonda receiving the 2016 IPA Prof. M. L. Khorana Award

Inauguration of the IPC Expo 2016

The Honorable Minister for HRD then inaugurated the IPC Expo 2016 accompanied by Mr. S. V. Veerramani, President, 68th IPC, Dr. Rao Vadlamudi, Chairman, LOC and Dr. T. V. Narayana, Secretary, LOC. The IPC EXPO 2016 was organized with the support of the exhibition partner, Orbit Exhibitions Pvt. Ltd. The IPC Expo 2016 attracted 143 exhibitors who took up 2200 sq m of exhibition space. The exhibitors included pharma machinery and equipment, pharma printing and packaging, laboratory equipment and chemicals, Pharma engineering products, IT solutions for Pharma, clean room technology, R&D instruments and equipment, Pharma books, water management, treatment and supply and waste management.

On December 16, 2016, in the afternoon, Prof. V. Subba Rao memorial president's symposium took place with Mr. Veerramani chairing the session, prof. K. Chinnaswamy was the co-chair and the speakers were Mr. S. M. Mudda, Dr. Rajendar Aparasu and Prof. B. Suresh, who spoke on various aspects of the 68th IPC theme. The three award lectures, Dr. B. V. Patel Memorial lecture, Prof M. L. Khorana Memorial lecture and Dr. K. C. Chatterjee memorial lecture were also held on December 16.

December 17, 2016, Inauguration of the congress scientific sessions and CEO Conclave

The scientific sessions were inaugurated by the Hon. Chief Minister of the state of Andhra Pradesh, Shri N. Chandrababu Naidu on December 17th morning. He also released the scientific abstracts CD. In his address, he inspired the students by stating that each and every one is capable



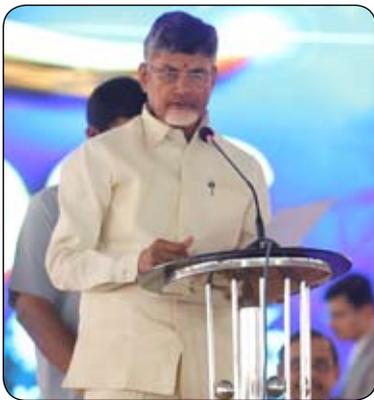
Shri N. Chandrababu Naidu, Hon'ble Chief Minister, Andhra Pradesh along with other dignitaries lighting the traditional lamp



Shri N. Chandrababu Naidu releasing Scientific Abstracts CD

of holding very high positions and cited several examples of eminent personalities from Andhra Pradesh. He narrated the advantages the state possessed to become the best industrial hub in the country and also gave a gist of government's initiatives to hasten industrial development. The chief Minister enticed the students to become entrepreneurs to be employers rather than seeking employment. His address was highly appreciated by the more 7000 registered delegates who attended his meeting.

The Chief Minister then graced the Pharma CEO conclave and addressed the 45 Pharma CEOs who attended the conclave. He described to the CEOs



Shri N. Chandrababu Naidu addressing the delegates

the advantages of the state, facilities available in various pharma, API, Biotech and Medtech hubs set up by the AP government and the benefit of investing in the new state of AP. He particularly emphasized that Visakhapatnam will emerge as the future Pharma capital of the country due to the availability of good infrastructure, utilities, human resources and above all Visakhapatnam is a very green and smart city. With the establishment of Fintech park in Vizag, it will become financially attractive to the

investors. His talk was well received by the CEOs and the CM answered their questions before leaving the Congress venue.



Shri N. Chandrababu Naidu speaking at the CEO's Conclave

After the CM's visit ended, all scientific sessions started in full swing in 7 tracks and the following sessions were held

In the track on sustaining quality and regulatory compliance 4 plenary lectures and a short course on effective drug delivery and importance of the excipients and the physical form of API were held on December 17

In the track on research and novel developments, two plenary lectures and two symposia entitled 'making innovations work to create patient-centric treatments' and 'challenges and opportunities in drug discovery and development' were conducted on December 17. One more plenary lecture and a symposium entitled 'Recent trends in Drug development and drug delivery' were held on December 18.

In the track focusing on the best pharmacy practices, one plenary lecture and two symposia entitled "recent trends in pharmacy practice; the US perspective and' and pharmacists adding value to patient care in the Commonwealth' were organized on December 17. On December 18, one plenary lecture and a symposium on the subject medication safety in India the tip of an iceberg was held.

In the student's session, a symposium on Pharmaceuticals; concept to commercialization was conducted on December 17 and on December 18 two plenary lectures and a symposium were conducted on the topic career opportunities to fresh pharmacy graduates.

On December 17, A special day-long symposium was organized on the theme "trends in medical technology and devices in a changing global regulatory environment for cost-effective health care". On December 17 Pharmexcil and AIDCOC jointly organized a symposium on "intellectual property rights and regulatory perspectives for pharma and biotech sectors"

On December 18, a symposium entitled "Women Pharmacists adding value to the Pharmacy profession" was organized in which 4 young yet highly accomplished women pharmacy professionals described their achievements.

On December 16 to 18, after the inauguration and CM's address on December 17, a highly motivational programme for students entitled "Leadership for students; power your roots" was organized in the main auditorium. Poster presentations and evaluations to select best posters and oral presentations of a selected number of abstracts were held all the three days in various halls in parallel to the scientific sessions.

A placement conclave was held as a part of the conference. Students, who registered online and participated in interviews conducted by 6 major companies. A total of 153 candidates were shortlisted by participating companies out of 566 students interviewed.

The finals of the IPA-Devinder Pal national elocution competition was held on December 17th to select the first, second and third position holders



Cultural program

among the 6 finalists selected in the semifinals. On December 17, 2016, the annual general body meeting of the IPA was conducted. IPA awards function and fellows dinner was held on December 17 evening during which function, various IPA awards such as, awards for best papers published in IJPS, awards for best branches, best innovation in pharmaceutical product development, IPA fellowships and IPA Ramanbhai Patel lifetime achievement awards were presented. On December 16 and 17 students were provided with entertainment in which dance and cultural festivals were held. The AU Pharmacy Alumni meet as held on December 16 evening.

December 18, 2016, the valedictory function

The valedictory function was held on December 18, 2016, in the main auditorium and Dr. K. Chinnaswamy presided over the function. Prof. K. Chinnaswamy, Dr. Rao Vadlamudi, Dr. T. V. Narayana, Dr. A. Ramkishan and Dr. K. P. R. Chowdary spoke on the occasion. The LOC Chairman, Dr. Rao Vadlamudi profusely thanked the Chief Minister, the HRD Minister, the Vice-Chancellor of AU and authorities and staff of Platinum Jubilee complex,

Distance education, Gym and Physical education, Faculty, students and staff of the AU college of pharmaceutical sciences, faculty of Vikas Institute of Pharmaceutical Sciences, St. Peters Institute of Pharmaceutical Sciences and Teach Global, all the sponsors, advertisers, exhibitors, volunteers from various colleges, and all



Dr. V. G. Somani speaking at one of the scientific sessions

the people who worked towards the success of the 68th IPC. Prof. K. P. R. Chowdary presented a brief report of scientific proceedings and stated that all scientific sessions were held in an excellent manner. Prizes were awarded to the winners of oral and poster presentations in all subject categories. Parenteral Drug Association (PDA) has announced prizes for the top five oral presentations. Prizes were also given to the winners of quiz and dance competitions. Dr. T. V. Narayana, the General Secretary, IPCA read out the resolutions prepared by the subject committee comprising of Dr. S. L. Nasa, Dr. Milind Umekar, Mr. K. Raja Bhanu and Mr. J. Jayaseelan, and requested the audience to adopt the resolutions.



Valedictory function of the congress

Resolutions of the 68th IPC 2016

Resolution-1: Resolved to request the Govt. of India to create a Post of Clinical Pharmacist in each hospital as it is being done in all the developed countries viz., USA, Canada etc.

Resolution-2: Resolved that the qualification of B.Pharmacy should be considered as the minimum qualification in pharma industry including devices as the B.Pharm students are being taught the Engineering subject in their syllabus. PCI is also considering the medical devices in their new syllabus to be introduced in the year 2017.



Felicitation of student volunteers

Resolution-3: Resolved that the Government of India should consider the demand of Pharmacists and make necessary amendment in the 7th pay commission to make at par the pay scales of the Pharmacists with other health providers.

Resolution-4: Resolved to create exclusive Ministry of Pharmaceuticals and bringing all portfolios of Pharma related matter to function under one ministry.

On the whole, it was a spectacular and a very successful show of sharing the knowledge of advances in pharmacy and pharmaceutical sciences representing all sectors, the academics, industry, regulatory, and pharmacy practice. This was a huge congress, with more than 10,000 people attending the event in the campus of Andhra University. It was a stupendous task for the organizers to meet the needs and expectations of this great gathering, which was accomplished to a great extent.

Prepared by Prof. J. Vijaya Ratna and Mr. Kaushik Desai

Reviewed and revised by Dr. Rao Vadlamudi

IPA-68th IPC National Pharma Quiz

This is only the second time in the history of the Congress that this type of national quiz in pharmaceutical sciences was conducted as a prelude to the Indian Pharmaceutical Congress. A.U. College of Pharmaceutical Sciences, Andhra University played the role of the host for this year's quiz.

Preliminary Screening Competition:

All the Pharmacy Colleges and Universities, all over India, were invited to register their teams online, to take part in Preliminary Screening Competition. Two hundred and Eleven teams participated in this screening and the top 15 scorers among them were invited for the Semifinals and Final which was held on 27th November, 2016.

Semifinals and Finals:

The top 15 scorers among the 211 teams of Prelims were invited for Semifinals scheduled at A.U. College of Pharmaceutical Sciences, Andhra University. AISSMS College of Pharmacy, Pune consisting of the four students, Yash Nandwani, Aman Padamsey, Aditi Kinikar, and Pratiksha Deodhar emerged as winners. The team from Delhi Institute of Pharmaceutical Sciences and Research, New Delhi, consisting of the four students, Sheena Sharma, Ummu Habeeba, Aarzo Thakur and Shweta Rawat secured second place.

Winners were awarded cash prizes of Rs. 20,000/- and Rs. 10,000/- respectively in the valedictory function of the 68th Indian Pharmaceutical Congress.