



SPER TIMES

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[An Official News Magazine of Society of Pharmaceutical Education & Research™]



**Dedicated to our Founder
President [Society of Pharmaceutical
Education & Research™]**



MRS. SUDHA NAGAICH

[15th February 1960-17th January 2013]



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Journal of Advanced Pharmaceutical Technology & Research (JAPTR)

Journal of Advanced Pharmaceutical Technology & Research (JAPTR) (ISSN: Print-2231-4040, Online-0976-2094), an international indexed peer-reviewed research journal is the official publication of the Society of Pharmaceutical Education & Research™ (SPER). The Journal is available in both print and online (electronic) edition.

JAPTR is registered with Registrar of Newspapers for India (RNI).

Medknow Publications and Media Pvt. Ltd. Mumbai, India (A product of Wolters Kluwer Health, Philadelphia, USA) published Journal of Advanced Pharmaceutical Technology & Research (JAPTR) on behalf of Society of Pharmaceutical Education & Research™ (SPER).

The Journal is published quarterly (in the last week of March, June, September and December).



Abstracting and Indexing Information

The journal is indexed with CAB Abstracts, Caspur, Chemical Abstracts, CNKI (China National Knowledge Infrastructure), DOAJ, EBSCO Publishing's Electronic Databases, Excerpta Medica / EMBASE, Expanded Academic ASAP, Genamics JournalSeek, Global Health, Google Scholar, Health & Wellness Research Center, Health Reference Center Academic, Index Copernicus, Indian Science Abstracts, National Science Library, OpenJGate, PrimoCentral, ProQuest, PubMed, Pubmed Central, Scimago Journal Ranking, SCOLOAR, SCOPUS, SIIC databases, Summon by Serial Solutions and Ulrich's International Periodical Directory

Scope of the Journal

This Journal publishes original research work, reviews, short communications, case report, ethics forum, education forum and letter to editor that contribute significantly to further the scientific knowledge related to the field of Pharmacy i.e. Pharmaceuticals, Pharmacology, Pharmacognosy, Pharmaceutical Chemistry.

Journal of Advanced Pharmaceutical Technology & Research (JAPTR) hopes that Researchers, Research scholars, Academician, Industrialists etc. would make use of this journal publication for the development in the field of Pharmaceutical science and advanced technology related to Pharmacy profession.

REGULARS

EDITORIAL	05
SPER NEWS	06
ARTICLE	07
SPER WOMEN FORUM	09
RESEARCHER CORNER	14
NEWS DOSAGE	16

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Editorial



Dear Readers,

After a successful launching of "SPER Times" (A Pharma Magazine conjoining Corporate with Academia) inaugural issue on 20th June 2013 at Indian Council of Medical Research (ICMR) sponsored National Conference held at Shoolini University, Solan (Himachal Pradesh) India. The chief guest for the conference was Dr. Neeraj Tandon, Deputy Director General, ICMR, New Delhi, along with the guest of honors: Prof. P. K. Khosla, Prof. S. S. Handa, Prof. (Dr.) V. K. Kapoor, Prof. (Dr.) K. L. Dhar, Prof. (Dr.) P. L. Sharma and Dr. Upendra Nagaich,

Editor-in-Chief, SPER Times. "SPER Times" has now released its second issue which has got a huge response from our readers.

I am very happy to share with you all that Society of Pharmaceutical and Research™ (SPER) has enjoyed a grand success of its 2nd annual conference held at Jamia Hamdard, New Delhi on 09th March 2013, Society of Pharmaceutical Education and Research (SPER) is now going to organize its 3rd Annual Conference under the theme **"Recent Trends in Pharma Industry: Bridging the Gaps in Pharmaceutical Education"** at Lovely Professional University [LPU], Phagwara, Punjab on 08th March 2014.

The conference will be organized in collaboration with Lovely Professional University [LPU], Punjab, India and IFTM University, Moradabad, India as Knowledge Partner and Journal of Advanced Pharmaceutical Technology and Research [JAPTR] [SPER Official Publication], SPER Times [Official News Magazine] as Media Partner and supported by IPA [Education Division], APTI, IPGA, IHPA, Society of Pharmacognosy and sponsored by various reputed industries/organizations.

On the next day, 09th March 2014 an Industrial Tour for the students will be organized by Society of Pharmaceutical Education & Research [SPER].

During Conference, Mrs. Sudha Nagaich Memorial Award, SPER Fellowship Award, Eminent Teacher, Principal of the year, Young Scientist, Innovative Researcher, Young Teacher, Young Talent, and Best Student (for UG, PG and Ph.D. Scholar) and Best Poster awards (for each specialization) along with SPER-WF Eminent Teacher, Young Scientist, Innovative Researcher, Young Teacher, and Best Student awards will be given.

Nominations are invited for Mrs. Sudha Nagaich Memorial Award, SPER Fellowship Award, Eminent Teacher, Principal of the year, Young Scientist, Innovative Researcher, Young Teacher, Young Talent, and Best Student (for UG, PG and Ph.D. Scholar).

We look forward to meet you in the 3rd Annual conference of SPER at Lovely Professional University [LPU], Phagwara, Punjab India.

Yours

Dr. Upendra Nagaich
[Editor-in-Chief]

Proceedings of Release of SPER Times Inaugural Issue

Society of Pharmaceutical Education and Research™ (SPER) is proud to embark on a new endeavor in 2013, The "SPER Times". SPER Times is an official news magazine of Society of Pharmaceutical Education and Research™ (SPER) which is available in both print and online (electronic) edition with a focus on important topics in the profession of pharmacy and other allied sciences. SPER already has its own official research publication "Journal of Pharmaceutical Education and Research" (JAPTR) published by Medknow Publications and Media Pvt. Ltd. Mumbai, India (A product of Wolters Kluwer Health, Philadelphia, USA).

The conference was organized on the theme "Research Trends in Future Drug Development: Exploration of Medicinal and Aromatic Flora". Various students and research scholars were presented their posters in the conference.

Dr. Upendra Nagaich congratulated the Vice-Chancellor, Shoolini University, Solan for organizing the conference and working hard towards developing the newer research concepts.

SPER Times will broadly cover novel researches and updates from pharmaceutical industry as well. It will benefit many throughout our community and



Society of Pharmaceutical Education & Research™ [SPER] released the inaugural issue of "SPER Times" [SPER Official News Magazine] on 20th June 2013 at ICMR Sponsored National Conference held at Shoolini University, Solan. The Chief Guest for the conference was Dr. Neeraj Tandon, Deputy Director General, ICMR, New Delhi, along with Guest of Honors: Prof. P. K. Khosla, Vice-Chancellor, Shoolini University, Solan, Prof. S. S. Handa, Dr. V. K. Kapoor, Dr. K. L. Dhar, Prof. P. L. Sharma and Dr. Upendra Nagaich, Editor-in-Chief, SPER Times and Secretary, Society of Pharmaceutical Education & Research™ (SPER), Editor, Journal of Advanced Pharmaceutical Technology & Research [JAPTR].

further demonstrate pharmacy's ever expanding roles. SPER Times is fortunate to have an editorial board of highly recognized and reputed personalities of pharmacy field who will direct us in a progressive and positive manner.

SPER Times aiming to communicate short reviews, short communications, society's activities, conference/ seminar news, publications, placements, achievements, awards recognitions received, institutional profile, Classic ads, guest editorials, advertorials, web advertising and recognitions received by our members, any other information to be shared among our members that contribute significantly to further the scientific knowledge related to the field of Pharmaceutical Sciences.

Carcinogenesis and its Natural Remedies

Sanjib Bhattacharya

ARTICLE

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Cancer is considered as one of the most fearsome causes of morbidity and mortality in all over the world. Cancer, otherwise termed as malignant neoplasm is a class of diseases in which a group of cells show abnormal proliferation of cells (division beyond normal limits), invasion (intrusion on and destruction of adjacent tissues) and sometimes metastasis (spreading to other parts of body with blood or lymph). These three are the characters that differentiate malignant neoplasms from benign tumors that they do not divide abnormally beyond normal limits, do not invade or metastasize. Carcinogens are the physical, chemical and biological agents that cause cancer.^[1]

Carcinogenesis is a complex multi-stage process induced by various types of carcinogens that ultimately lead to the development of cancer. If this process i.e., carcinogenesis is not arrested, it may progress until it causes the death of the organism. Although medicinal sciences have made progresses in the treatment of cancer, carcinogenesis till cancer remains a tragic phenomenon.^[2]

The common consensus among cancer researchers is that carcinogenesis, the process of malignant growth of normal cells, proceeds through a series of steps involving spontaneous changes in genetic material – DNA, which is prone to damage by environmental agents especially radiation and chemical mutagens. Many intrinsic and extrinsic factors, interacting with one another, influence this process of carcinogenesis. Carcinogenesis includes three main phases namely initiation, promotion and progression.^[3]

Initiation: Initiation is an irreversible process, which begins when the cells in normal tissues are exposed to a carcinogen. The carcinogen exposure causes damage to their genomic DNA that remains un-repaired. It also involves the uptake of the given carcinogenic agent followed by its transportation and distribution to the organs where its metabolism occurs. The reactive metabolite of the carcinogenic agent interacts with the cellular DNA followed by subsequent alteration in the DNA molecule thereby fixing genotoxic damage to produce mutation.

Promotion: As the name indicates it is expansion of the damaged cells to form an actively proliferating multi-cellular pre-malignant tumor cell population. **Progression:** The third step is called 'progression' which is an irreversible process in which malignant cells grow and invade into the surrounding normal tissues or organs. Molecular mechanisms of tumor progression

are not fully understood, but mutations and chromosomal aberrations are thought to be involved.

Unfortunately, currently available cancer chemotherapeutic agents being not tissue specific, insidiously affect the host cells, producing serious chronic or delayed toxicities that may be irreversible, especially towards bone marrow, epithelial tissues, reticulo-endothelial system and gonads thereby increasing morbidity. These agents are often not suitable for preventive purposes. Hence, effective alternative strategies are critically necessary to control malignancy.

Carcinogenesis being a lengthy multi-step process offers unique opportunity for its prevention. Carcinogenesis can be prevented by avoiding exposure to recognized carcinogens, by favoring the intake of protective factors and by fortifying physiological defense mechanisms. Many biological and molecular events have been identified that are modulated by natural products to inhibit the different stages of carcinogenesis. Epidemiological data suggest that consumption of a fiber rich diet (low lipid content) and yellow-green vegetables can reduce the risk of various cancers.^[3] Natural products are safer and inexpensive, but suffer from the problems of difficulties in standardization, procurement, yield of active principles and continuous supply.

The use of specific chemical agents (either natural or synthetic) to suppress, halt or reverse carcinogenesis and thereby preventing the development of cancers is known as chemoprevention. Extensive research in the last few decades on the detection and characterization of anticarcinogenic compounds from edible, non-edible, and medicinal plants and marine organisms has demonstrated a great diversity. Major emphasis has been laid on the flavonoids, phenolics, carotenoids, coumarins, anthraquinones, tannins, terpenoids, saponins etc., all of which are secondary plant metabolites. Others include vitamins, hormonal steroids and food products and dietary supplements. In recent years, there has been an increased interest in identifying the anticarcinogenic or chemopreventive constituents from both dietary and medicinal plants all over the world.^[4] Potentially anticarcinogenic plants include a number of common or ethnic group restricted edible plants, including cereals, pulses, vegetables and spices and medicinal herbs and health tonic plants. Consumption of dietary green leafy vegetable, fruits, carrots, nuts, beverages and green tea etc. can impart necessary protection against the genotoxic effects of

carcinogens present in food, drugs, cosmetics, industrial wastes etc. and thereby help in prevention of several types of cancers and other degenerative diseases like atherosclerosis, diabetes mellitus, ischaemic heart disease, rheumatoid arthritis, neurological disorders etc.^[5]

These natural products play important role, not simply in the primary prevention of cancer, but also in the prevention of cancer recurrence, which is of utmost importance in determining survival. The search for non/less-toxic and broad-spectrum natural anticarcinogenic remedies should be extended through systematic screening of the unexplored wealth of the plant kingdom.

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SPER-WF is an international forum for Women's across the Pharmacy profession under the aegis of Society of Pharmaceutical Education & Research [SPER].

A woman is the full circle. Within her is the power to create, nurture and transform-Diane Mariechild.

The SPER-WF advances research across careers, cultures and continents by connecting the world's most preeminent women of significant and diverse achievement. The SPER-WF brings together an unprecedented global membership to exchange ideas, to learn and inspire, and to promote better research and development for a changing world.

It contributes to improve the status of Pharmacy profession as well to fuel the potential of recent graduates and young pharmacists, as enthusiastic agents of professional and social change while abiding the highest professional and ethical standards.

We advance women's leadership through our core concept which provides personal and professional enrichment to our members. The society expands and extends the contribution of women leaders through participation in various research and development activities.

The SPER WF Annual award is a unique initiative to encourage women to explore and fulfill their potential through the pursuit of research in education and to enhance their capacities to provide productive and supportive service to field of Pharmacy profession.

Aims & Objectives:

1. Undertakes action research directly contributing to women's mobility, capacity building, leadership skills, entrepreneurship, empowerment etc.
2. Collaborates with other organizations working for the cause of gender equality and women empowerment.
3. Builds Capacity the women and girls focusing on literacy, education, widening opportunities for employment, training etc.
4. Provides consultancy to various institutions working with women and child development.

The SPER-WF Mission

To enable all women pharmacists to realise their full potential and raise their profile by being educationally and socially active.

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SPER-WF Eminent Teacher Award

SPER-WF eminent teacher award is a prestigious award given to a women member of the Society who has made distinguished / outstanding contribution towards the advancement of pharmaceutical education and the activities of SPER.

The SPER-WF eminent teacher award should include the certificate and the memento.

SPER-WF Young Scientist Award

SPER-WF young scientist award is a prestigious award given to a women member of the Society who has made distinguished / outstanding contribution towards research & development and the activities of SPER.

The SPER-WF young scientist award should include the certificate and the memento.

SPER-WF Innovative Researcher Award

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The SPER-WF innovative researcher award should include the certificate and the memento.

SPER-WF Young Teacher Award

SPER-WF young teacher award is a prestigious award given to a women member of the Society who has made distinguished / outstanding contribution towards pharmaceutical education & research and the activities of SPER.

The SPER-WF young teacher award should include the certificate and the memento.

SPER-WF Best Student Award

SPER-WF best student award is a prestigious award given to a student women member of the Society who has made outstanding performance throughout the year and the activities of SPER.

The SPER-WF best student award should include the certificate and the memento.



Eligibility Criteria

The nominee should be a life member of the society.

Nomination Procedure

Each year the Hon. Secretary shall publish a NOTICE inviting nominations from the Members of the Society. The Notice inviting nominations shall also be published on the official website of SPER.

Selection Procedure

The Hon. Secretary shall send copies of all nominations received to all members of the CEC to evaluate the nominations and on the basis of the recommendation received by the CEC members. The Hon. Secretary of SPER shall announce the names of Awardees at the meeting of the CEC. The decision as announced by the Hon. Secretary shall be final, conclusive and binding. NO correspondence will be entertained nor any clarification be furnished to the nominator and / or nominee.

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SPER Times provide an excellent prospect to bring your product and services to appeal the young pharmacist & professionals who have the power to make buying decisions and influence others too in their decisions. To expand your presence in Indian Pharma Souk, choose the one which you think best suits your finances. This magazine will hold space in pharmacy, medical and management institutes, hospitals, Indian Pharma Industries along with other pharmacy and medical professionals.

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3rd Annual Conference Society of Pharmaceutical Education & Research [SPER]

08th March 2014



In Collaboration with
Lovely Professional University [LPU]
Phagwara [Punjab] India

Theme

*"Recent Trends in Pharma Industry:
Bridging the Gaps in Pharmaceutical Education"*

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Journal of Advanced Pharmaceutical
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**Last Date for
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(Oral & Poster)**
31st December
2013

Venue:
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DST FELLOWSHIPS

DST SCHOLARSHIP SCHEME FOR WOMEN SCIENTISTS AND TECHNOLOGISTS

(www.dst.gov.in/scientific-programme/women-scientists.htm)

Women constitute an important section of the workforce. However, the present situation of a large number of well-qualified women scientists who due to various circumstances have been left out of the Science & Technology activities needs to be addressed. The problems faced are several but, significantly, most often the "break in their careers" arises out of motherhood and family responsibilities. The "Women Scientists Scheme (WOS)" has been evolved in this context, by the Department of Science and Technology (DST) for providing opportunities to women scientists and technologists between the age group of 30-50 years who desire to return to mainstream science including pharmacy and work as bench-level scientists. Under this scheme, women scientists are being encouraged to pursue research in frontier areas of science, engineering and pharmacy, on problems of societal relevance and to take up Science & Technology based internship followed by self employment.

The various categories of Scholarship available are indicated below:

1) Scholarship for Research in Basic/Applied Science (WOS-A)

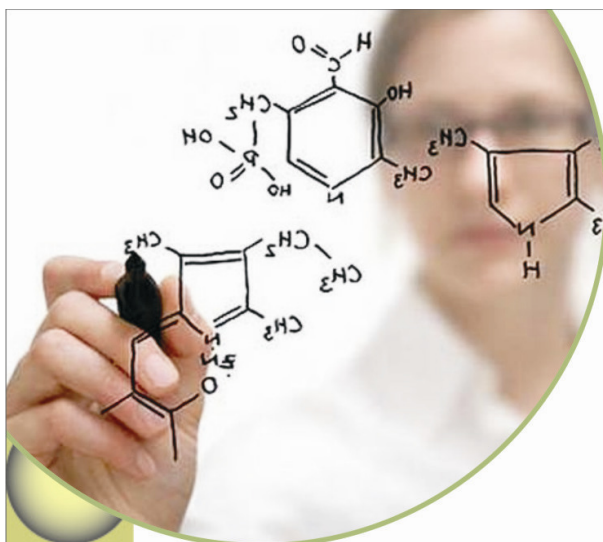
This scheme will provide a research grant with an upper limit of Rs. 23 lakh (for PhD or equivalent) and Rs. 20 lakh (for M.Sc./M.Pharm or equivalent) for a well defined R&D project proposal for a period of three years. This grant will include the fellowship of the applicant and cost of small equipments, contingencies, travel consumables etc. Institutional overhead charges will be extra.

Eligibility:

1. Persons already in employment need not apply.
2. Women scientists, with a minimum of Post Graduate degree, equivalent to M.Sc./M.Pharm. in Basic or Applied Sciences or B.Tech. or MBBS or other equivalent professional qualifications, are eligible for this scheme. Maximum age limit for this category is 35 years at the time of submission of the application. The amount of fellowship for such candidates will be Rs. 20,000/- PM.
3. Women scientists having a Ph.D. in Basic or Applied Sciences or M.Tech./M.Pharm. or MD/MS, DM/MCH in Medical Sciences from recognized Universities can apply up to the age of 50 years. The amount of fellowship for such candidates will be Rs. 35,000/- PM.
4. Age relaxation of 5 years would be given to candidates belonging to SC/ST/OBC and physically challenged category. Attested copies of supporting documents in this regard must be enclosed.

Desirable:

1. Preference would be given to candidates having a break-in-career due to family reasons.
2. Also, preference would be given to Ph.D./equivalent degree candidates. M.Sc./M.Pharm. equivalent candidates may, however, be also considered if they have a bright academic record and demonstrable research experience in the form of publications, dissertations, patents, etc.



Last date of application:

The Scheme is open throughout the year. Therefore, there is no last date of application.

Procedure for applying:

1. Five (5) copies of neatly typed application (in single space and on both sides of the paper) should be submitted in the enclosed format at the address given below.
2. Carefully prepared proposal should be concise focused and complete in all respects.

Address for submission of application and enquiries:

Dr. H. B. Singh

Officer-in-Charge
Women Scientists Scheme (WOS-A)
Department of Science & Technology
Technology Bhawan, New Mehrauli Road
New Delhi - 110016
E-mail: haribhsingh@nic.in

(ii) Scholarship for Research in S&T - based Societal Programs (WOS-B)

The selected candidate will be awarded upto Rs. 18,000/- to Rs 20,000/- pm (for Post Graduate in science and bachelors in Engineering and Medicine) and Rs. 35,000/- to Rs 25,000/- pm (for Doctorate in Science and Masters in Engineering and Medicine) as Research Scholarships and a research grant up to a maximum limit of Rs. 15 lakhs including the

scholarship amount for a period of three years to cover the cost of small equipment, travel, contingencies, consumables and institutional overhead charges.

Eligibility:

The minimum essential qualifications are PG degree equivalent to M.Sc./M.Pharm. in basic or Applied Science, B Tech in Engineering Science and MBBS or other equivalent professional qualifications. The desirable qualifications are PhD in Basic or Applied Science, M.Tech./M.Pharm. in Engineering Science and MD/MS, DM/MCH in Medical Science from recognized Universities. Cut off age for the candidate is 50 years. The candidates should also have working experience and linkages with the relevant organization to carry out research on R&D projects of societal relevance.

Address for submission of application and enquiries:

Dr. (Mrs.) Jyoti Sharma

SEED Division,
Department of Science and Technology,
Technology Bhawan
New Delhi - 110 016
Phone: 011-26590304
Email: sharma.jyoti@nic.in

iii) Internship for the Self-Employment (WOS-C)

The scholarship will be admissible for a period of one year and the amount of scholarship will be Rs. 12,500/- per month for candidates having M.Sc./B.Tech./MBBS/ B.Pharm. or equivalent qualification and Rs. 17,500/- per month for Ph.D./M.Tech./M.Pharm./ M.VSc./MS/MD or equivalent.

Address for submission of application and enquiries:

Ms. Sangeeta Nagar

Patent Facilitating Centre- TIFAC,
Department of Science and Technology
Vishwakarma Bhawan
A Wing, 5th Floor
New Delhi - 110 016
Phone: 011- 42525802, 26852937
Email: wosc.pfc@gmail.com
sangeetanagar2005@gmail.com

SPER SPONSORED STUDENTS ATTENDED THE INTERNATIONAL LAB EXPO-2013



Society of Pharmaceutical Education & Research [SPER] has sponsored 03 SPER Life Members for attending the International Lab Expo-2013 held at Pragati Maidan, New Delhi on 26-28 July 2013 as a part of its regular activities regarding promoting Pharmaceutical Education & Research and for extending some privileges towards members of society.

RESEARCH AND DEVELOPMENT CELL INAUGURATED

The TNM Research and Development Cell is established to promote research activities with a vision to rejuvenate the research and development at Institute of Professional Studies campus, the team of young researchers was constituted under the leadership of Dr. Arun Kumar Tyagi, Director, IPS Group of Colleges, Gwalior.

Prof. P. K. Verma, DG, Madhya Pradesh Council of Science and Technology, Bhopal, visited Gwalior on 27th May 2013 to inaugurate the new TNM Research and Development Cell in IPS College. Prof. P.K.Verma said that it has become necessary for the teachers to motivate their students to join the research and development field for their bright future. He focused on importance of research and said that to beat the slit throat competition students should embrace R&D.

Prof. D.C. Tiwari from Jiwaji University shared his research work on saving energy through organic. The inauguration ceremony was attended by faculty members and students.

SPER Country Representative Appointed

Ms. Ehsaneh Jafari, Pharm. D., has been appointed as the Iran Country Representative of SPER. She is pursuing Pharm. D. from School of Pharmacy, Al-Ameen College of Pharmacy, Bangalore, Karnataka, India. She has contributed a lot in the field of



pharmaceutical sciences. Recently, Ms. Ehsaneh Jafari has Appointed as the Member of publication committee for SPER Times (The official news Magazine of Society of Pharmaceutical Education & Research).

She is serving as an Advisory Board Member in Journal of Applied Pharmaceutical Sciences (JAPS). She has published many papers in national and international conferences. She is actively involved in various activities of SPER. She is life member of various professional bodies viz., SPER, APTI.

PREPARATION OF 65TH INDIAN PHARMACEUTICAL CONGRESS, 2013 IN FULL SWING

The second meeting of local organizing committee of the 65th IPC was held at Hotel Central Bluestone, Gurgaon, Haryana on 27th July to felicitate President of IPCA and also to discuss the progress of preparation 65th Indian Pharmaceutical Congress, 2013. Indian Pharmaceutical Congress Association (IPCA) is a federation of Five National Pharmaceutical Associations as its constituents viz: IPA, IPGA, IHPA, APTI & AIDCOC. This year 65th Indian Pharmaceutical Congress is to be hosted by Indian Pharmacy Graduates' Association (IPGA) and Shri Atul Kumar Nasa, President of IPGA is honored with the prestigious position of President, IPCA.

The meeting was organized in the run up to the 65th Indian Pharmaceutical Congress 2013, scheduled to be held from December 20-22 at Amity University Campus, Noida, Delhi NCR. The event saw participation from around 30 members of different task committees. Mr R. C. Juneja, CEO & Chairman, Mankind Pharma Limited, also the Chairman of the LOC of 65th IPC, thanked all the chairpersons for sparing their valuable time. He expressed "The purpose of IPC is to ensure empowerment of Indian Pharma Companies. It is a big event for all of us and unitedly we can make a difference in this conference" He added.

Mr. Atul Kumar Nasa, President, IPCA, thanked all the members for giving him the opportunity to serve the profession by holding this prestigious position. He briefed that, "I was associated with the 53rd IPC 2001 and 60th IPC, 2008 held at Delhi as an organizing secretary and both the conferences were bench mark conferences being appreciated by everyone and requested all members to support for the success of 65th IPC. He expressed that the 65th IPC will be a different one from the past IPCs and brings about a definite change in the national policies empowering the pharmacists.

Dr. Arun Garg, Organizing Secretary of LOC of 65th IPC, given a presentation about the progress of 65th IPC. The theme of the conference is "Pharma Vision 2020: Empowering Pharmacists". As the title suggests, the conference would deliberate on the development of Pharmaceutical Sciences, New Drug Development, R&D and Academic Reforms. The details of the



Registration & other information about 65th IPC, 2013 can be obtained from the official website i.e. www.65ipcdelhi.com.

The important dates for Registration for 65th IPC, 2013 are as follows:- 1st Cutoff Date: 31-10-2013, 2nd Cutoff Date: 30-11-2013, Spot Registration: 01-12-2013.

The Last date for Submission of Scientific Abstracts for 65th IPC, 2013 is 15th October, 2013 (Please visit www.scientificipca.org)

Pharmaceutical Expo-2013: FICCI will be the exhibition partner and this year we are hopeful to have more than 300 exhibitors from various countries participating in the exhibition. For participation in the exhibition the details can be obtained from the official website i.e. www.pharmaexpo.in. Express Pharma will be the media partner for the conference and yatra.com will be the travel partner. He explained the duties and responsibilities of various task committees.

Prof. Dr. S.S. Agarwal, Advisor and Chairman of Scientific Services Committee, thanked Dr. Ashok Kumar Chauhan, founder president, Amity Group of Institution for his support. He added that this year the scientific sessions will be of more technically based and some noble laureates will be delivering their talk. Shri B.R. Sikri, Advisor and Chairman of Finance Committee also requested to support for the 65th Indian Pharmaceutical Congress. Later on the chairpersons of different task committees including key committees like registration, inauguration, volunteers, entertainment, press & publicity, accommodation, venue, transport, exhibition, reception, security, ladies hospitality etc. presented their views and discussed the progress of their respective committees.

National Seminar on Pharma Skill Development and 2nd IPA Annual award function-2013

NEWS
DOSAGE

On 21st April 2013, IPA Gwalior branch organized a one day seminar on "Pharma Skill Development" in collaboration with IPA (Indore) Charitable Trust. The seminar was inaugurated with lightening of lamp and garlanding Maa Sarswati by Dr. Arun Tyagi, Director, IPS Group of Colleges, Gwalior with other dignitaries. The programme was started with floral welcome of Dr. Arun Tyagi, Shri Vipin Bihari Goyal, MD, Awadh Group of Companies, Morena, Dr. A K Jain, President, IPA, Gwalior Branch, Dr. D V Kohli, Professor, Dr. H S Gaur Central University, Sagaur, (M.P.), Dr. S B Rijhawani, MD, Promed Pharma Indore (M.P.), Dr. Sanjay Jain, Professor, Dr. H S Gaur Central University, Sagaur (M.P.), and Dr. S C Mehta, Professor, G R Medical College, Gwalior and founder President of IPA Gwalior Branch and IPA office bearers were present on the occasion. Dr. A K Jain, President initially highlighted the overview of IPA Gwalior and stated the activities



organized by IPA Gwalior Branch. Dr. Atul Kaushik, Principal, IPS College of Pharmacy, highlighted the importance of seminar for pharmacy students/professionals. Dr. Atul Kaushik was awarded "Life time Achievement Award" by IPA Gwalior Branch, for his outstanding contribution in the field of Pharmacy.

GOLD MEDALS were also given to the meritorious student of Gwalior region, who secured first position in all years of B. Pharm and M. Pharm in 2012 examinations. During the seminar, Dr. Rijhwani highlighted the present scenario of job opportunities for pharmacy students etc. Dr. Sanjay Jain told about the options for pharmacy students for planning their career. Dr. D.V. Kohli explains depth coverage on recent advances in oral hypoglycemic.

At the end of the program all speakers were facilitated by presenting memento by Dr. S C Mehta.

KIET SCHOOL OF PHARMACY

**Organized summer school from
17th -21st June 2013**

KIET School of Pharmacy (KSOP), Ghaziabad organized summer school from 17th -21st June on the theme "Exploring Pharmaceutical Challenges and its Applications". The programme commenced with inaugural session which included the release of abstract book and inaugural address by Dr. Narendra Kumar, Director-KIET, Dr. Gajendra Singh, Additional Director-KIET and Dr. Umakant Bajaj, Principal-KSOP.

The program highlights included academic lectures in morning session followed by instrumentation & demonstration as post



lunch sessions which helped the students to learn various analytical techniques as well as novel technologies for product development. There were a dynamic and information filled sessions covering various key areas like nanotechnology, stem cell Transplantation, pharmaco-vigilance, cGMP, Clinical Research & soft skills at this summer school where experts from industry & professionals shared the latest technological approach of Pharmaceutical industry. Prof. Dr. Javed Ali, Hamdard University, New Delhi, and Dr. Jamal Beg, Country Head, Merck India, addressed the students and shared their expertise on latest technologies and emerging trends in pharmaceutical sciences.

Beside this, industrial visits were organized in reputed and well established pharma companies like TEVA API, Unichem, Arbro Pharmaceutical and Indian Pharmacopoeia Commission (IPC) towards the end of the sessions. The students were exposed to good manufacturing practices, modern analytical techniques and quality assurance in pharmaceutical houses. Dr. Umakant Bajaj, Chairperson and Mr. Sanjar Alam, Faculty Coordinator led the KSOP team to make this summer school a grand success. The programme was concluded with valedictory proceeding along with distribution of certificates to the students.

“PharmaMed 2013”

The PHD Chamber organized a National Conference 'The PharmaMed 2013' on 19th Sep 2013 at PHD House, New Delhi with theme – “Towards Accountable Health” The objective of the Conference was to sensitize all the stakeholders related to Pharmaceuticals and Medical Device Industries regarding Issues and challenges for their growth especially in the wake of current challenges.



Mr. D.S.Kalha, Secretary, Department of Pharmaceuticals, Ministry of Chemicals and Fertilizers, Government of India was the Chief Guest while Mr. C. P. Singh, Chairman, National Pharmaceuticals Pricing Authority, (NPPA) (Ministry of Chemicals and Fertilizers chaired the first Panel Discussion on “Innovation in Indian Pharma Industry – Opportunities enablers and Issues.” Dr. G.N. Singh, Drug Controller General of India, Ministry of Health & Family Welfare, Government of India was the Chairperson of the Technical Session on “Indian Medical Device Industry – Issues and Concerns”. Dr. G.N. Singh was assisted by the Dr. S. E. Reddy, Deputy Drugs Controller of India, Ministry of Health & Family Welfare, Government of India.

During his inaugural address, Mr. D.S.Kalha highlighted the role of Innovation for moving Towards Accountable Health, which was the theme of PharmaMed 2013. “It is Innovation which is going to be a key to affordability and accessibility of Drugs”, he added.

Mr. Kalha said, “Pharma Industry suffers from a credibility deficit and creates a perception that it earns excessive profits. Ethical management practice and larger good of the people has to be the goal of the Pharma companies which will result in greater accountability which in turn will lead to growth. He said, “Pharma Industry is a regulated industry and probably over regulated today and the reason for that is that the industry deals with Human Beings and their lives so we have to live with the regulatory framework. Lot of time and efforts are spent by the Govt. to frame and implement the Regulations”.

During his welcome address, Mr. Alok B. Shriram, Vice President, PHD Chamber said that the Indian Pharma industry is on the threshold of becoming a major global market by 2020. The Indian

pharmaceuticals market is witnessing dynamic changing trends such as large acquisitions by multinational companies in India, increasing investment by domestic and international players in India, deeper penetration into the rural markets, growth and availability of healthcare and incentives for setting up special economic zones (SEZ's). We believe these trends combined with increased purchasing power and access to good quality medical care will continue to propel the domestic pharmaceutical industry to new heights.

During his Theme Presentation, (Hony) Brig. Dr. Arvind Lal, Padma Shri, Chairman, Health Committee, PHD Chamber mentioned that Pharmaceutical & Medical devices are part of a heavily regulated global industry and regulations touch every stage of the lifecycle of a product: research and development, clinical trials, premarket approvals, manufacturing, labeling, and ultimately marketing.

The inaugural session was moderated by Mr. Vivek Seigell, Senior Secretary, Expert Committee on Health of PHD Chamber and ended with a Vote of Thanks by Mr. Saurabh Sanyal, Executive Director, and PHD Chamber.

The first session started with the Address of Mr. C. P. Singh, Chairman, National Pharmaceuticals Pricing Authority Ministry of Chemicals and Fertilizers where he said going with theme of the conference accountability towards health is the need of the hour for all the stakeholders and where self regulation is a must for the Industry. The main objective of the session was to discuss upon the Innovation in Indian Pharma Industry – Opportunities enablers and Issues w.r.t. Need for Innovation, Capacity building and Regulatory Challenges, Incentivizing Innovation Collaborative Platforms.

Among the panellists for the first session were Mr. Nishant V Berlia, Co-Chairman, Health Committee, PHD Chamber, Dr. N.V. Kamat, Director, Health Services, Directorate of Health Services, Govt. Of Delhi, Dr. Gautam Ghosh, Sr. VP, Panacea Biotech, Dr. Saurendra Das, Executive Director, Excel Life Sciences, Dr. Mohinder P Mahajan, Director Research and Development, Apeejay Styra Research Foundation.

The second session started with the Address of Dr. G.N.Singh, where he said that Govt is ready to support the industry and already sent a proposal to create the Promotion council for Medical Device Industry. The main objective of the session was to discuss upon the Issues and Concerns related to Indian Medical Device Industry.

Mr. Himanshu Baid, Co-Chairman, Health Committee, PHD Chamber thanked the Govt. for the support and urged to look into the issues related to faster process for approval of brands and licensing.

PHARMACISTS DAY CELEBRATED IN BIT, MEERUT

On 25th September 2013, "Pharmacists' Day" was celebrated at School of Pharmacy, Bharat Institute of Technology, Meerut to recognize the role and importance of Pharmacists in the Health Care Sector. On this occasion, Prof. (Dr.) R. L. Khosa, Director [Planning & Development] highlighted the importance of Pharmacists in the community and their continuous dedication in the field. Dr. Upendra Nagaich, Associate Professor & Head [Dept. of Pharmaceutics] & Editor-in-Chief, SPER Times discussed the current scenario of health care system and recent policies implemented by government for creating awareness in the society towards use of various drugs. On this occasion, Mr. Amit Chaudhary, Dr. Anu, Ms. Sameksha Koul, Ms. Neha Gulati Jain and other faculty members were also present and expressed their novel thoughts and shared their ideas for the improvement of pharmacy profession.



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For the PHARMACIST

I am a Pharmacist joined the profession in 1962 at Glancy Medical College, Amritsar for Diploma in Pharmacy Course. Worked as a Pharmacist for about two years joined B.Pharma at Punjab University Chandigarh for B. Pharma.

After passing B.Pharma I opted teaching and Pharma manufacturing as my carrier in profession. When I celebrated 65th Birthday, I took retirement from active professional life and opted journalism to remain myself busy. I got associated with "Medicare News" a bi-monthly news paper from Rohtak as Asstt. Editor for three years. About three years back I started "PHARMA PRAMARSH" a monthly newspaper mostly concerning with Pharma activities. We started this newspaper, to dedicate it for the PHARMACISTS. I worked as a teacher, Pharmaceutical Chemist Analyst and Quality Assurance personnel. I know about the difficulties which myself and fellow pharmacists are facing.

It is my wish and aim that our paper should become a leading voice of working Pharmacists. If I am able to get good working conditions, better pay scales, total pharmacy medicines distribution system through Registered Pharmacists. i.e. above all, "ALL PHARMA Manufacturing, Distribution, Clinical studies should be done by only Registered PHARMACISTS".

With this aim paper started by me is with you. I appeal to all Pharmacists to suggest me, to improve it. So that one day it should become world's Leading Pharma Newspaper, because it is your own paper.

With Regards

TARSEM JAIN

Editor (PHARMA PRAMARSH)

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Jai Pharmacy

Of The PHARMACIST

I Am A Pharmacist



I am a specialist in medications.

I supply medicines and pharmaceuticals to those who need them.

I prepare and compound special dosage forms.

I Control the storage and preservation of all medications in my care.

I am a custodian of medical Information.

My library is a ready source of drug knowledge.

My files contain thousands of specific drug names and tens of thousand of facts about them.

My records include the medication and health history of entire families.

My journals and meetings report advances in pharmacy from around the world.

I am a companion of the physician.

I am a partner in the case of every patient who takes any kind of medication.

I am a consultant on the merits of different therapeutic agents.

I am the connecting link between physician and patient and the final check on the safety of medicines.

I am a counselor to the patient.

I help the patient understand the proper use of prescription medication.

I assist in the patient's choice of nonprescription drugs or in the decision to consult a physician.

I advise the patient on matters of prescription storage and potency.

I am a guardian of the public health.

My pharmacy is a center for health care Information.

I encourage and promote sound personal health practices.

My services are available to all at all times.

This is my calling. This is my pride

Prof. A.P. Hardas

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Call for Nominations 2014

Nominations are invited for SPER Fellowship Award, Eminent Teacher, Principal of the year, Young Scientist, Innovative Researcher, Young Teacher, Young Talent, and Best Student (for UG, PG and Ph.D. Scholar) awards

Nominations are invited for SPER-Women Forum [WF] Awards: SPER-WF Eminent Teacher Award, SPER-WF Young Scientist Award, SPER-WF Innovative Researcher Award, SPER-WF Young Teacher Award, SPER-WF Best Student Award

Last date for sending the nominations:

15th January 2014

Send your nominations at

secretary@sperpharma.org





Society of Pharmaceutical Education & ResearchTM (SPER)

Society of Pharmaceutical Education & ResearchTM (SPER) is a scientific, educational and professional non-profit organization committed to promote the highest professional and ethical standards of pharmacy and to work for the growth, development and betterment in the field of pharmacy. It is a registered Society under the M.P. Society Registrkaran Adhiniyam, 1973, No. 44 of 1973.

OBJECTIVE

- The objectives of the society are cultivation and promotion of the study and practice of Pharmaceutical/Medical/Allied sciences education & research.
- To promote social contacts among pharmacists of the country.
- To undertake and promote scientific and pharmaceutical research activities related to pharmaceutical education & research.
- To edit and publish, research journals related to the field of pharmacy for nourishing, spreading and promoting the research scholar and academicians.
- To arrange seminars, symposia, conferences, lectures and exhibitions to focus on pharmacy profession through publications.
- To provide a platform to discuss various issues related for the growth and development of pharmacy profession.
- To honour eminent academicians, researchers and young scientists engaged for the upliftment of pharmacy profession.

VISION :

To promote research in pharmacy and allied disciplines, with particular reference to the current development in the field;

For the advancement of pharmacy in the country; and to collect, evaluate, disseminate and to employ the knowledge acquired for the benefit of the country.

MISSION

To work continuously with pharmacy institutions and pharmaceutical research industries for the growth and advancement of pharmacy profession.

Website: www.sperpharma.org

E-mail: secretary@sperpharma.org

SPER Official Publication

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e-mail: editor@japtr.org • www.japtr.org

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e-mail: speretimes@sperpharma.org
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