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



Mrs. Sudha Nagaich

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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.

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EDITORIAL

Dear Friends,

I am very delighted to share with you that Society of Pharmaceutical Education and Research [SPER] is now going to organize its 4th Annual International Conference & Exhibition under the theme **“Pharmaceutical Innovations for Global Excellence: Ignite, Invent, Implement”** at Vedanta Auditorium, DIT University, Dehradun [Uttarakhand] India on February 27-28, 2015.

The conference has been organized in collaboration with “DIT University, Dehradun” and supported by the Knowledge partner “IFTM University”, Moradabad (U.P.). The conference is supported by IPA [Education Division], APTI, Bangalore, IPGA, New Delhi, IHPA, New Delhi & Society of Pharmacognosy, Bhopal and sponsored by various reputed industries/organizations.

SPER had already been celebrated grand success of its three successive conferences viz. 1st Annual conference at Delhi Institute of Pharmaceutical Science and Research, New Delhi on 23 June 2012, 2nd Annual Conference at Jamia Hamdard, New Delhi on 9th March 2013 and 3rd Annual Conference at Lovely Professional University [LPU], Punjab on 08th March 2014. This conference will be organized with an aim to provide an insight full regarding the present transforming global scenario and vital requisite to improve the level of pharmacy education that can rise up and keep a breath with standards of our speedy developing pharmaceutical industry.

This two day international conference & exhibition will bring together many of the international and national professionals and health care experts to discuss various prospects and share their views for achieving global excellence through pharmaceutical innovations and thus will prove to be a landmark event in the relevant areas. It basically aims to make our young budding pharmacist updated about the latest technologies in research and development of Pharmacy discipline. I would like to invite you on this occasion and attend our conference which will present a great value and an excellent opportunity to meet industry experts and learn about the latest technologies. The conference is going to give everyone valuable occasions for faster professional advancement, corporate success and would provide wonderful everlasting memories. I on behalf of entire local organizing committee invite you all to participate in the SPER 4th Annual International Conference & Exhibition 2015.

With Warm Regards,

Dr. Upendra Nagaich
M.Pharm., Ph.D., FSPER
Organizing Secretary

SPER 4th Annual International Conference & Exhibition 2015

Secretary, Society of Pharmaceutical Education & Research [SPER]

Editor, Journal of Advanced Pharmaceutical Technology & Research [JAPTR]

Editor-in-Chief, SPER Times

YOUNG TALENT AWARD 2014 CONFERRED UPON MD. RAGEEB

Prof. Md. Rageeb Md. Usman awarded with “**Young Talent Award 2014**” by **Rodeina Challand**, Executive Director, PRA Health Sciences, Berkshire, United Kingdom in 3rd International Conference held at Hyderabad International Convention Centre, Hyderabad, Organized by OMICS Group Incorporation, USA on 27-29 October 2014.

He has also presented a poster on “**Anti Hypertensive Effect of Leaves of *Tephrosia Purpurea* Linn. On Isolated Frog Heart**”

Prof. Md. Rageeb Md. Usman; Assistant Professor in Pharmacognosy, Smt. S. S. Patil College of Pharmacy, affiliated to North Maharashtra University, Jalgaon, Maharashtra, India. He Published Two International book entitles “**Appraisal on Nephroprotective Herbal Plants (A Brief Introduction)**” & **Anti-inflammatory and Antipyretic Activity of *Murraya Koenigii* Spreng.**”, 3 book are communicated for publication and more than 50 review/research articles in various peer reviewed national and international journals having good impact factor. He also presented more than 97 oral and poster presentations and participated more than 145 national and international scientific occasions. He is a life time member of various Pharmacy professional Associations (APTI, SPER, ISP, ICPHS, IHPA, IPA, RHS, ABAP, APP and IGPA). He is Maharashtra State Representative of Society of Pharmaceutical Education and Research (SPER), Associate Editor of SPER Times, President of Association of Pharmacy Professional Maharashtra State Branch (APP) and Indian Pharmacist Association (IPA) and Research Scholar Hub (RSH) Maharashtra State Branch, Associate Editor of Tyagi

Pharmacy Association (TPA), Editor in Chief of Annual College Magazine “PHYSIC-2009 and PHYSIC-2014”. He is elected as a fellow life member of Indian Congress of Pharmacy and Health Science and editorial board member of more than 67 journals and Reviewer/ Referee of more than 23 peer reviewed journals. He organized 5 National Conferences, 3 National Seminar and 2 National Health awareness camp. He is Received Appreciation/Best Oral/Poster Presentation Award in Various Conferences. He is Recipient of “Young Performer Award”, “Young Achiever Award”, “Appreciation Awards” and “Fellow Member Award” in 2nd Annual National Convention held SNJB'S Shriman Sureshdada Jain College of Pharmacy, Chandwad, Nashik, Maharashtra in year 2013. Recently he is awarded with “Young Pharmacy Teacher Award” in 3rd Annual National Convention held Dharmsinh Desai University, Nadiad, Gujarat on January 2014 and “Young Innovative Researcher Award” in National Conference held at Lovely Professional University in March 2014.



Dr. Upendra Nagaich delivered an invited talk

In continuation with the endeavors of the faculty to participate and represent Amity University at international and national platforms, Dr. Upendra Nagaich, Department of Pharmaceutics, Amity Institute of Pharmacy, Amity University, Noida participated and delivered an invited talk on the topic "Recent Advances in Ocular Drug Delivery" at ICMR & DST Sponsored & co-sponsored by APTI [Himachal Pradesh State Branch] Conference on "Flaunting Research and Innovative Technologies" organized by Laureate Institute of Pharmacy, Kangra [Himachal Pradesh] India on August 22-23, 2014. A good number of delegates from different states attended the conference. Dr. Nagaich has already been conferred with several awards and honors, a few of them includes: Young Pharmacy Teacher Award given by Association of Pharmacy Professionals, Young Performer Award given for the outstanding work in the field of Pharmaceutical Sciences. He is approved supervisor for doctoral research. Dr. Nagaich guided 19 thesis of M.Pharm. and presently guiding 01 thesis of Ph.D. He has filed 03 patent, published more than 50 papers in international and national journals of repute, invited as speaker at national and international conference, presented papers at various national and international conferences and seminars and is an author of 02 books published from Germany. His biography has been included in the renowned directory "Who's Who in the World [USA] 2011 and published in the 29th Edition, November 2011. He is also serving as Secretary, Society

of Pharmaceutical Education & Research [SPER] and working with the capacity of Editor, Journal of Advanced Pharmaceutical Technology & Research [JAPTR] [AN SCOPUS and PubMed indexed international peer-reviewed research journal published by Medknow Publications, Mumbai [A Part of Wolters Kluwer Health, Philadelphia, USA]. He is also Editor-in-Chief, SPER Times [A Pharma Magazine Conjoining Corporate with Academia]. SPER Times is an Official News Magazine of Society of Pharmaceutical Education & Research. He was the member of under graduate board of studies in pharmaceutical sciences, Pt. B. D. Sharma University of Health Sciences, Rohtak [Haryana]. He is also Executive Council [EC] Member of Indian Pharmaceutical Association [IPA] Gwalior Branch. Dr. Nagaich was Mentor of Indian Pharmaceutical Association (IPA)-Student Forum 2010-11 for Madhya Pradesh & Chhattisgarh State. He is on the editorial board of many international and national research journals. He was the Member of Centre for Research, Development & Consultancy [CRDC], BIT Group of Institutions [NBA Accredited], Meerut [U.P.] India. Dr. Nagaich actively involved in organizing international/national conferences/seminars. He is the organizing Secretary for SPER Annual Conferences. He is a Fellow member of SPER and Life Member of IPA, APTI and IPGA. All the friends, well wishers congratulated Dr. Upendra Nagaich for his achievement and representing Amity University at international forum of novel drug delivery system.



Laureate Institute of Pharmacy, Kathog had successfully organized ICMR & DST sponsored National Conference on 22nd & 23rd August 2014. The theme of the conference was “Flaunting Research and Innovative DDS Technologies”. The conference was co-sponsored by APTI, Himachal Pradesh state branch.

The inauguration ceremony commenced with lighting of the lamp and presided over by Chief Guest Shri Sushil Chand Rattan, Vice-Chairman, FF Welfare Board, HP, Dr. Ran Singh, Managing Director Laureate Education Society Shimla, Dr. Ranjit Singh, President, APTI, State Branch of Himachal Pradesh, Dr. Uday Singh Guest of honor, Dr. M.S. Ashawat, Principal, Laureate Institute of Pharmacy, Kathog, and all other eminent speakers.

A floral well come was given to all guest and delegates at the venue and then welcome note was presented by Dr. Ran Singh, after the lightening of lamp, Dr. M.S. Ashawat, felicitated the guest and delivered Inaugural key note address. Various scientific lecture sessions were delivered by eminent personalities from academics as well as research. The Expert faculty from academics/ key speakers for this conference were Dr. Parveen Bansal, Joint Director University Centre of Excellence in Research, Baba Farid University of Health Sciences, Faridkot, PB, Dr. Ranjit Singh, Professor & Director/Principal, Govt College of Pharmacy, Rohroo, Shimla, HP, Dr. Shailendra K Saraf, Director, Department of Pharmacy, BBDNIIT, Lucknow, UP, Dr. Shubhini Saraf, Professor & Coordinator, Dean, School for Bioscience & Biotechnology, Babasaheb Bhimrao Ambedkar University, Lucknow, UP, Dr. A. Banerjee, Professor & Dean, School of Pharmaceutical Science Bahra University, Solan, HP,

Dr. Abhay Asthana, Professor & Head, Dept. of Pharmaceutics, MM College of Pharmacy HR, Dr. Sarasija Suresh Associate. Professor, Formulation & Technology. NIPER, Mohali, PB, Dr. Praveen Sharma, Associate Professor, Department of Pharmacology, Dr RP Govt. Medical College & Hospital, Tanda, Kangra, HP, Dr. Rekha Bansal, Associate Professor, Department of

Pharmacology, Dr RP Govt. Medical College & Hospital, Tanda, Kangra, HP, and Dr. Upendra Nagaich, Amity University, Noida, UP.

Honorable speakers emphasized the/ recent innovations in novel drug delivery systems. They laid stress of Indian system of medicine-Ayurveda, life saving herbal drugs etc, which can play a vital role in advanced drug delivery systems.

Overwhelming response was received for the conference and more than 200 delegates participated from different National Level Institutions and Universities across the country. More than 80 participants have presented posters of their research work in different tracks. All posters were judged by learned judges invited from numerous Educational organizations and Pharmaceutical Industries. This two days national conference has greatly contributed to the promotion of latest ideas new concepts for the development of efficient methodologies for drug delivery and its sensible applications. The conference has provided a brilliant information platform for domestic researchers to communicate with national experts and push forward the drug delivery systems. Dr. Dharmendra Kumar read out the consolidated report of conference and vote of thanks for the function was presented by Dr. Vinay Pandit.





Shaheed Bhagat Singh College of Pharmacy, Patti organized five days Indian Society for Technical Education, New Delhi, [ISTE] & Punjab Technical University, Jalandhar [PTU] Sponsored Faculty Development Programme with a theme “Instrumental Methods of Analysis in Pharmaceutical Sciences” from August 25-29, 2014. This five days Faculty Development workshop was organized to polish and train the faculty in innovative teaching and learning skills in the premises of SBS College of Pharmacy, Patti campus of SBS Group.

Faculty Development Program is a quantum innovation project for enhancing employability of staff members. The Programme enabled college faculty with new and alternate training methodologies that provides input to a faculty to become a mentor, guide and a facilitator in the class and thus prepare their students to become more employable. The participating faculty appreciated the training given and the quality, content and method of delivery was remarkable. The leading trainers included Dr. Subheet Kumar Jain, Head, Department of Pharmaceutical Sciences, GNDU, Amritsar, Dr. Upendra Nagaich, Amity University, Noida, U.P., Mr. Rahul Taneja, Scientist, Patent Information Centre, Govt. of Haryana, Dr. Sokindra Kumar, RV Northland Inst. Noida, U.P., Dr. Sayeed Ahmad, Dr. Saima Amin,

Dr. Showkat R. Mir from Jamia Hamdard University, New Delhi, Dr. Sarita Narad, Dr. P.M.S Bedi, Former Head, Dept. of Pharmaceutical Science, GNDU, Amritsar and Amit. K. Goyal from ISF College of Pharmacy, Moga.

Teaching faculty from host institute and Lovely Professional University, Punjab, Manav Bharti University, Solan, HP, VMS College of Pharmacy, Batala, Khalsa College of Pharmacy, Amritsar, Sri Sai College of Pharmaceutical Sciences, Amritsar & Pathankot, Gov't Polytechnic Amritsar, Rayat & Bahra College of Pharmacy, Hoshiarpur, Himachal Institute of Pharmaceutical Education & Research, Hamirpur, HP, Adesh Polytechnic College, Muktsar participated actively in the programme.

The programme was inaugurated by Dr. Subheet Kumar Jain, Head, Department of Pharmaceutical Sciences, GNDU, Amritsar, by his keynote address. On concluding day, Er. Ekonkar Singh, Deputy Registrar, PTU and Dr. Upendra Nagaich, Secretary, Society of Pharmaceutical Education & Research [SPER] and Co-ordinator, M.Pharm [DRA] Programme, Amity University, Noida served as Chief Guest and Guest of Honour respectively along with Managing Director, Sh. Rajesh Bhardwaj and Exec. Managing Director, Mrs. Mridula Bhardwaj and FDP coordinator & Principal, Dr. Hayat M. Mukhtar felicitated the faculty members with participation certificates.

National Seminar on Pharmaceutical Profession & Research in India- Present Scenario and Future Perspectives

National Seminar on Pharmaceutical Profession & Research in India- Present Scenario and Future Perspectives was conducted in Bengal College of Pharmaceutical Sciences & Research (BCPSR) on 30th August, 2014. The seminar was a joint venture of Association of Pharmaceutical Teachers in India (APTI), West Bengal Branch. Prof. (Dr.) Amitava Ghosh, Principal, Bengal College of Pharmaceutical Sciences & Research was the convener of the seminar welcomed the gathering. Dr. Pulok Kr. Mukherjee, President of APTI, West Bengal Branch inaugurated the seminar. He delivered session on overview of Pharmaceutical Profession & Research in India. Col.(Dr.) Soumen Basu, Medical Director, Medica Superspeciality Hospital was another key speaker who discussed the future perspectives of Hospital Pharmacists. Mr. Arunava Sen, Zonal Training Manager, Roche, India shared his views in significance of branding of research products in Indian Market Dr. Piyali Datta Chakraborty, Research Scientist, Albert David Ltd., Kolkata, explained her research experiences on the project Aqueous Extract of Human Placenta Mr. Amit Sarkar, General Manager (Personnel) had a session for sharing his rich experiences on recruitment and selection process in HR perspective. There were more than 300 participants and more than 100 poster presentations from all around India. Four posters were awarded as best posters. Vote of thanks proposed by Mr. Sajal Kumar Jha Co convener of the Seminar.



Society of Pharmaceutical Education & Research [SPER]

4th Annual International Conference & Exhibition 2015 [SPER 2015]

"Pharmaceutical Innovations for Global Excellence: Ignite, Invent, Implement"

Vedanta Auditorium, DIT University, Dehradun [Uttarakhand] India

February 27-28, 2015

All accepted abstract will be published in the special issue of SPER Times.

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Inderbir Singh was awarded PhD degree from Department of Pharmaceutical Sciences and Drug Research, Punjabi University, Patiala, Punjab in August 2014. He was working under the guidance of Dr. Vikas Rana, Assistant Professor, Department of Pharmaceutical Sciences and Drug Research, Punjabi University, Patiala, Punjab. The topic of the research was "Formulation and evaluation of polymethacrylate copolymer based gastroretentive drug delivery systems". Inderbir Singh is presently working with Chitkara College of Pharmacy, Chitkara University, Patiala, Punjab. He has more than 40 publications in national and international peered review journals, one patent and two book chapters to his credit. He is life member of SPER (SPER/LM/PB/001) and punjab state representative of SPER.

Ph.D. Awarded



Mr. Bhushankumar Suresh Sathe Head of the Department of Pharmaceutical Analysis, I/c Head of the Department of Pharmaceutics at Smt. Sharadchandrika Suresh Patil College of Pharmacy, Chopda -425107 Dist Jalgaon (M.S) has been awarded with Ph.D. in Pharmaceutical Sciences by Jawaharlal Nehru Technological University Hyderabad, Andra Pradesh in September 2014 for his thesis entitled "Synthesis of Fluoro Substituted Benzothiazoles Comprising Oxadiazoles and other Potent Hetero-cyclic Molecules as Possible Bioactive Molecules". He was guided by Prof. E. Jayachandran Head of the Department of Pharmaceutical Chemistry S.C.S College of Pharmacy, Harapanahalli (KS). His area of interest includes Synthetic Heterocyclic Chemistry for Anti-TB, Anti-Cancer, Anthelmintic areas. He has monitored 20 students of M. Pharm. as a I/c Head Department of Pharmaceutics under the purview of North Maharashtra University, Jalgaon (MS). He has 11Yrs teaching experience. He has 26 international-national publications to his credit and presented 20 national conferences while attended 36 conferences. Also he is reviewer and associate editor for various national and international journals.

APTI HIMACHAL PRADESH GENERAL BODY MEETING

APTI Himachal Pradesh has conducted its first general body meeting at its state office Laureate Institute of Pharmacy, Kathog, Himachal Pradesh. The president Dr. Ranjit Singh welcomed all the state executive members and acknowledged the efforts being made by members in upgrading the pharmacy profession in the state. During the meeting Dr. V K Gupta, vice president and Dr. Vinay Pandit, Secretary, APTI State Branch was present. During the meeting few executive member's Dr. M.S Ashawat, Principal, Laureate Institute of Pharmacy, Dr. Richa Ohri, Principal, Himalayan Institute of Pharmacy, Mr. Sajid Ali, Bhara University, Mr. Bhartendu Sharma, LR Institute of Pharmacy were included in the core committee.

The president has nominated Dr. Dharmendra Kumar as Treasurer for the state branch in place of Mr, Afroze Alam. Further, it was resolute to conduct State APTI convention 2015 for which fund raising campaign will be started and venue to be decided in the next meeting. The President has made appeal from the entire budding pharmacist to join the association and participate in the activities being conducted by state branch. Dr. Vinay Pandit, Secretary extended the vote of thanks to the members.



A TRIBUTE
5th SEPTEMBER – TEACHER'S DAY
Prof. M. L. SCHROFF
FATHER OF PHARMACY EDUCATION IN INDIA
BY:- Prof A P Hardas

Prof Mahadeva Lal Schroff, rightly called as the Father of Pharmacy Education in India, departed this mortal world on August 25, 1971, and he certainly remains an ideal to all pharmacists working in this country irrespective of their branches and diversity of duties.

Prof. Schroff, who was not trained as a pharmacist, gave the right direction not only to pharmaceutical education but also to the industry as well in India with his inclination, understanding, capacity and broad vision.

Born on March 6, 1902 at Darbhanga in Bihar, Schroff had his schooling from Bhagalpur and passed the Intermediate Examination in 1920. He joined Engineering College Banaras Hindu University for his studies and was inspired by the talk delivered by Swamy Satya Deo at BHU in 1921.

Encouraged by the call given by the Mahatma Gandhi, Prof. Schroff raised a voice against the then principal Charles A King and he was asked to leave the Institution as punishment. Schroff left India soon after this and stayed in China and also 15-16 months in Japan, during which he worked with a newspaper and succeeded in collecting a good amount and then proceeded to America for his higher studies.

In 1922, he enrolled for his BSc at Chemical Engineering Course at Iowa and earned the coveted scholarship. However, soon he left the institution and joined Cornell University and got his degree in Arts (AB) with honours in Chemistry, in 1925. Further, he obtained his MS in Chemistry and Microbiology from Massachusetts Institute of Technology (MIT) in 1927.

After returning to India in 1929, he took up a job with Birla Brothers Ltd. He was very much frustrated with the trade and self-interest of the society and momentarily thought of going back to the United States. However, the meeting with Jamnalal Bajaj transformed his attitude towards patriotism for his country and involved himself in the movement for freedom. With the pursuance of J. L. Bajaj he was introduced to the then Vice Chancellor of Banaras Hindu University. Pt. Madan Mohan Malviyaji, who spotted the spirit of education in his eyes and he was invited to join BHU as a staff in an honorary capacity.

In 1932, at BHU, Prof. Schroff, with his chemical technology background urged Pt. M.M. Malaviyaji to start a separate branch (section) of Pharmaceutical Sciences at BHU. Pt. Malaviyaji realized its importance and Schroff was given the green signal to organise this new discipline in India, for the first time.

Prof. Schroff introduced Pharmaceutical Chemistry as the principal Subject in the B.Sc. course in 1932 in BHU. From 1934 an integrated 2-year BSc. Course with the subjects -- pharma chemistry, pharmacy and pharmacognosy, was introduced, which later from 1937 was turned into a full-fledged three-year B Pharm course at BHU for the first time in India. This was the first and the foremost creation of Prof M L Schroff, which earned him the title of the pioneer and father of Indian pharmaceutical education.

Soon, Prof Schroff -- in December 1935 -- started United Provinces Pharma Association, which soon crossed the borders of UP in 1939 and took the shape of Indian Pharmaceutical Association in 1939 with branches all over the country. He himself edited the Indian Journal of Pharmacy, founded in January 1939.

Prof. Schroff very carefully earned the confidence, love and affection of the top intellectuals, scientists and industrialists, doyens of chemistry, technology, pharmacology and medical practitioners, and successfully created the awareness of this science for the development of pharmaceutical education of science and technology in India. (2) Prof Schroff started the M Pharm Education in 1940 at BHU with his efforts. Slowly the pharmacy education sprung up in different places in India. He left BHU in 1943 and joined Birla Brothers as their Chief Chemist and Research Officer and served as Secretary to the Birla Laboratories till 1949 at Calcutta. But the teacher within him made him restless and he was given the position and responsibility as principal at Birla College, Pilani, where for the next five years he organized Pharmacy education at intermediate and degree level successfully. His skill in journalism flourished when he started his own periodical "Indian Pharmacist" from 1945 for a further period of ten years.

During the period 1940 to 1950 Prof. Schroff's services were utilized by the government of India in the capacity as member of scientific and government bodies including DTAB, Indian Pharmacopoeial list committee, Health Panel of the Planning Commission etc. He was elected president of Bengal Pharmaceutical Association in 1946 and in 1948 he formed the Indian Pharmaceutical Congress Association (IPCA), which exists till date and organizes annual conferences while professional activities are controlled by its counterpart IPA.

In 1952 he was called back to Calcutta for solving the technical problems of Birla concerns. His wife Prabhaji was constantly ill, and she breathed her last in the year 1953 at Calcutta. By the time he was among the towering personalities in pharmacy in his times

He was elected the first vice president of Pharmacy Council of India (PCI) in 1949 and later on became the first-elected PCI president in 1954. For a period of five years, 1954 to 1959, Prof. Schroff was assigned by Birla Brother the task of managing the technical side of Sirsilk Ltd at Sirpur near Hyderabad.

During this time he toured USA and Europe extensively and studied the recent developments in the manufacture of artificial fibres. But the educational field saw again a teacher in Prof. M.L. Schroff, and he was asked to head the Deptt of Pharmacy at University of Saugar and he took charge in 1959 for a period of two years. He introduced courses like Diploma in Pharmacy, B Pharm, B Pharm (Hons.), and B.Sc with Pharmacology, Microbiology and Biochemistry.

He was again taken up by the industry of Sahu Jain Group who placed him in charge of the Dharangdhara Chemical works at Tirunelveli, in Tamil Nadu. He served there for four years and introduced many new formulations and technical developments. In 1964 Prof. Schroff was again summoned back to the educational field, now this time in the Jadhavpur University and he was appointed as Head of Department at the newly established Pharmacy Deptt. After serving for nearly forty years (1932 to 1968) including the last four years at Jadhavpur (July 1964 to January 1968), he relinquished his office as Prof. And Head of Pharmacy Deptt at Jadhavpur University.

His services in the field of pharmacy education was appreciated and praised by one and all, subsequently Association of Pharmaceutical Teachers of India was founded in 1966 and Prof. M.L. Schroff was elected as the first president of APTI - what a befitting tribute to the great personality! Under his editorship he started Indian Journal of Pharmaceutical Education, which he edited from 1965 to 1971, till his last.

Besides serving the cause of Indian pharmacy he also offered his services as member of Postwar Development Committee of Bihar, Scientific Advisory Board of the Royal Asiatic Society of Bengal Chemical Division of the Council of the Indian Standard Institute, Council of the Indian Institute of Chemists. All India Council of Technical Education etc. His important contribution includes: Founder of the Indian Pharma Association (1935 as U.P. Pharma Association and 1939 as Indian Pharmacy Association), Indian Journal of Pharmacist (1945), Bhaishaj Patrika in Hindi (1980), Bhashjayan (1968), Indian Pharmaceutical Congress (1968). President of various States (Bengal, Bihar) Pharmacist Association and President, Pharmacy Council of India (1954-1959).

His book 'History of Indian Pharmacy' is a classic treatise unfolding the various aspects of practice of pharmacy in ancient and medieval India, which has roots and relevance even in today's modern pharmacy in our country. Prof. Mahadeva Lal Schroff's life leads us to devotion to work, sincerity of purpose and service to the motherland. He will remain a beacon of inspiration to Indian Pharmacists as the pioneer who lit the torch of pharmaceutical education in the country. Let us take a pledge to carry this burning torch bright and unflickering.

(Prof. ANANT P. HARDAS, Indian Pharma Guidance Academy 52, Madhav Nagar NAGPUR 440010 (MS))

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SPER Women's Forum (Women's Division)

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.

SPER Women's Forum [Women's Division] Council

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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.

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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.

SPER
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[SPER-WF]
Awards

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.

CONTACT US:

The Secretary
SPER Women's Forum

[Society of Pharmaceutical Education & Research]
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Gwalior-474001 [M.P.] India
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JAPTR Most Cited Article Award

The JAPTR most cited article award was created by the central executive council (CEC) members to recognize and support research based on citation analysis by encouraging and assisting individuals in the field of pharmacy, medical and allied sciences with their research. Citation analysis is broadly defined, including but not limited to analysis using resources developed by Thomson Reuters. Because of the limits proposed by timing considerations, the award may be made for top three cited articles. Researchers will be selected to receive citation awards in recognition of their outstanding contribution to research. JAPTR most cited article award is a prestigious award given to the corresponding author who has published the article in Journal of Advanced Pharmaceutical Technology & Research [JAPTR]. Each year, the award will be given in the annual conference of "Society of Pharmaceutical Education & Research" [SPER]. The award is given on the recommendation of the CEC.

Eligibility Criteria for JAPTR most cited article award

The awardee should be the corresponding author of an article published in JAPTR.

Selection Procedure

The Hon. Secretary, SPER along with the Executive Editor, JAPTR will consider all the articles published in JAPTR along with their citations and 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 will be furnished to the authors.

The JAPTR most cited article award should include the certificate and the memento.





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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.

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