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Patrons : Dr. P.S. Sandhu, Dean (College Development)
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Co-Chairmen : Dr. G.C. Ahir, Principal, GGSMCH, Faridkot
Dr. S.P.S. Sodhi, Principal, DIRDS, Faridkot
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Dr. H.P. Yadav, Prof., Deptt. of Radiotherapy
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Finance Secretary: Dr. Rajesh Paul
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Dr. Sukhraj S. Sandhu
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: Dr. Rajeev Manhas
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: Dr. S. K. Bansal
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Dr. A.G.S. Bawa
Dr. Harminder Singh
Dr. Parvinder
Dr. Pankaj Bansal
Dr. Amit Jain
Mr. Ghansham Sharma
Ms. Sharanjit Kaur

ADVISORY COMMITTEE

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Dr. A.S. Brar, Vice Chancellor, Guru Nanak Dev University, Amritsar
Prof. Jaspal Singh, Vice-Chancellor, Punjabi University, Patiala
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Dr. Abhijit Mukherjee, Director, Thapar University, Patiala
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Dr. Rajnish Arora, Vice-Chancellor, Punjab Technical University, Jalandhar
Prof. Ramesh Kanwar, Vice-Chancellor, Lovely Professional University, Jalandhar
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Dr. R.S. Khandpur, Director General, Pushpa Gujral Science City, Kapurthala
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Dr. Amod Gupta, Dean, PGIMER, Chandigarh
Dr. K.K. Bhutani, Director, NIPER, Mohali

PUNJAB ACADEMY OF SCIENCES

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Prof. Amrik Singh Ahluwalia, Vice President
Prof. Tarlok Singh, Secretary
Prof. J.L. Bhanot, Treasurer
Prof. Jagtar Singh, Executive Member
Prof. Rajan Gaur, Executive Member
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Prof. S.S. Bhatia, Executive Member
Prof. K.S. Kahlon, Executive Member
Prof. I.J.S. Bansal, Executive Member
Prof. Harish Chopra, Chief Editor
**Mail: Punjab Academy of Sciences,
Union Building, Punjabi University,
Patiala, Punjab(India)147002
Email: pasciences@gmail.com**

EXHIBITION

A tabletop exhibition will run in conjugation with the congress. Those interested in renting exhibition space should get in touch with the conference secretaries.

HOW TO REACH BFUHS

The University is located at Sadiq Road, Faridkot. The University is well connected with rail and road network. It is at distance of 2 Km from Railway Station and 3 Km from the main bus stand.

16th

Punjab Science Congress

Theme

Science for Health

February 7-9, 2013

Under the aegis of:



Punjab Academy of Sciences, Patiala

Organized by :



Baba Farid University of Health Sciences Faridkot-151 203, Punjab, INDIA



ABOUT THE UNIVERSITY

Baba Farid University of Health Sciences was established under an Act passed by the Legislature of the State of Punjab in July, 1998. The mission of the University is to create an intellectual, academic and physical environment, conducive to free flow of ideas and exchange of information between various faculties of the University and between this University and other Universities of Health Sciences in the country and abroad, thereby opening a window to the world for the health professionals, health planners, health managers, biomedical and social scientists and educators in health sciences of the country.

Established in the memory of great Sufi Saint Baba Farid by Punjab govt. in July, 1998 by an Act of the State Legislature.



Fifth of its kind in India, First in Northern India- Punjab Govt. deserves the credit for establishing it. Due to inadequacy of health professionals (in quantity & quality) the need was imminent. Such a University is expected to be a "Pace-setter" - in developing appropriate modes & models of Health Care. University is committed to provide Community oriented need based education & Training programmes for Health professionals.

PUNJAB ACADEMY OF SCIENCES

The Punjab Academy of Sciences (PAS) came into being at the time of holding of the 83rd session of the Indian Sciences Congress at Punjabi University, Patiala in 1996. Since then, the academy has arranged fifteen annual congresses. It provides a platform where senior scientists and young researchers in the region meet and interact with each other to share their expertise in different disciplines of Sciences & Technology. At present this registered body has more than 1225 life members. The academy has conferred its Honorary Fellowship on 83 distinguished scientists from India and abroad who have significantly contributed towards bringing the innovations in Sciences and Technology. Since 2002, the academy is holding "Children Science Congress" for the students of 10+2 classes in Punjab. The academy is also bringing out an annual journal of research namely "Journal of Punjab Academy of Sciences"

The main Aims of the academy are :-

- (i) To promote the cause of science in Punjab, with respect to its basic and applied aspects.
- (ii) To encourage original research in general and with reference to Punjab in particular.
- (iii) To create scientific temper and awareness among the masses.
- (iv) To develop interaction among the scientists with particular reference to those of inter-disciplinary branches.
- (v) To work out strategies for sustainable use of our natural resources and maintenance of environment.

CALL FOR ABSTRACTS AND PAPERS

The following are the different sections in which various subjects are classified in the Punjab Science Congress :

- | | |
|-----------|---|
| Section A | Agricultural Sciences and Food & Sugar Technologies |
| Section B | Bio Sciences, Biochemistry, Biophysics, Biotechnology etc. |
| Section C | Pure and applied Chemistry, Pure and Applied Physics, Mathematical Sciences and Nano-Technology. |
| Section D | All Branches of Engineering and Technology including Textile Technology and Computational Sciences. |
| Section E | Medical, Veterinary and Pharmaceutical Sciences. |

The members of the Punjab Academy of Sciences are requested to submit their original contributions to any of the above referred sections. Not more than two papers either alone or with co-authors could be submitted. Two copies of the abstract (maximum 250 words) formatted on MS Word (A4 size) in Arial font, letter size 10, in single line spacing with 5cm right and 3cm left, top and bottom margins 1.5cm can be submitted before **January 10, 2013**. The hard copy must be accompanied by soft copy on psc16bfuhs@gmail.com as an attachment in MS Word format with above specifications. The name of the presenting author should be marked with an asterisk (*) along with email id. The decision for oral/poster presentation will be strictly followed as per approval of the technical review committee. Papers screened by the committee may either be published in the seminar proceedings or selected papers may be published in the special issue of Journal of Punjab Academy of Sciences as per norms.

NOMINATIONS

The Punjab Academy of Sciences invites nominations/applications for the following Awards to reach the Secretary PAS by Dec 31, 2012.

1. Nominations for Honorary Fellowship of the Academy.
2. Research Papers for Young Scientist Award.
3. Applications for a Research Award for a Rural Female working in any area of Pharmaceutical Sciences.
4. Applications for Best Science Teacher (Colleges) Award.
5. Applications for Best Rural Science Teacher (Schools) Award.
6. Applications for the Award of best work in Telecommunication (Research Scholar/Teacher)
7. Applications from a Rural Students who topped the PSEB Matriculation Examination, 2012.

YOUNG SCIENTIST AWARD

A special session for the presentation of papers for the young scientist award will be held on **February 8, 2013**. Young scientists upto 35 years of age as on December 31, 2012 (proof of age to be furnished) may send their abstract and full length papers (in triplicate) to **The Secretary, Punjab Academy of Sciences, Union Building, Punjabi University, Patiala** on or before **January 10, 2013**.

The name of the section pertaining to the paper should be clearly mentioned on the envelope. The papers will be screened as per the norms of the Academy.

They will be given 12 minutes for the presentation and 3 minutes for discussion.

Young Scientist Award in each category shall carry a medal, certificate and cash prize of Rs. 7500/- (to be given by Punjab Academy of Sciences)

Cash award will also be presented for the best poster presentation in each category.

PRESENTATIONS (ORAL/POSTER)

There will be parallel sessions for the paper presentations.

- Seven minutes will be allowed for presentation and three minutes for discussion.
- LCD projector and facility of power point presentation will be available.
- Each participant for poster session will be provided with a board measuring 100cmX70cm, for mounting the display of written material, diagrams, photographs etc.

REGISTRATION FEE FOR THE MEMBERS

| | | |
|--|---|------------|
| Academic / R & D | - | Rs. 1200/- |
| Student /Scholar & Retired Academician | - | Rs. 700/- |
| Corporate Delegates | - | Rs. 2500/- |

The registration fee be sent by DD drawn in favour of "**16th Punjab Science Congress, BFUHS**" payable at **Faridkot**. Participants who are not members of the Academy will have to pay an additional membership fee by Demand Draft / Cheques in favour of Punjab Academy of Sciences, Patiala at the following rates

Category of membership

| | | |
|----------|---|------------|
| Life | - | Rs. 1500/- |
| Ordinary | - | Rs. 300/- |

ACCOMMODATION AND TRAVEL

Since the academic session will be in progress, only limited accommodation can be arranged for participants at the campus on first come first serve basis.

Those who wish to stay in the Hotels, accommodation can be arranged in the hotels on payment of hotel room rent in advance.

All correspondence be addressed to :

Dr. Ravinder Kaur

Chairperson, 16th Punjab Science Congress

Office of the Controller of Examinations

Baba Farid University of Health Sciences,

Sadiq Road, Faridkot - 151 203 (Punjab) INDIA

Phone : 01639 - 256232, 256236, 250482 Fax : 01639 - 256235

How to reach Faridkot

By Air

- Nearby airports are
Amritsar (about 120 Km)
Ludhiana (about 120 Km)
Chandigarh (about 220 Km)

Route to be followed by road

- Amritsar to Faridkot (via Harike-Makhu-Talwandi Bhai-Faridkot)
- Chandigarh to Faridkot (via Ludhiana-Moga-Talwandi Bhai - Faridkot)

Trains are available at Delhi - Faridkot Route

- Punjab Mail

| Departure | Time | Arrival | Time |
|-----------|----------|----------|---------|
| Delhi | 9.50 PM | Faridkot | 4.50 AM |
| Faridkot | 10.00 PM | Delhi | 4.50 AM |

- Janta Express

| Departure | Time | Arrival | Time |
|-----------|----------|----------|----------|
| Delhi | 11.50 AM | Faridkot | 9.05 PM |
| Faridkot | 04.56 AM | Delhi | 12.35 PM |

HOW TO REACH BFUHS

The University is located at Sadiq Road, Faridkot. The University is well connected with rail and road network. It is at a distance of 2 Km from Railway Station and 3 Km from the main bus stand.

REGISTRATION FORM

16th Punjab Science Congress

February 7-9, 2013

Date:

- Name of the Participant : _____
 - Designation : _____
 - Date of Birth : _____
 - Postal Address : _____
: _____
 - Telephone (Resi/Office/Mobile) : _____
a) Email : _____
b) Fax Number : _____
 - Are you a life member of PAS (Yes/No) _____
Membership No : _____
If 'No', details of DD/Cheque sent to PAS : _____
 - Number of accompanying person(s) : _____
 - Demand Draft number : _____ Date _____
 - Is accommodation required? (Yes / No) _____ from _____ to _____
 - Sex Male _____ Female _____
- Date:

P.S. Kindly send this duly filled form and DD drawn in favour of "16th Punjab Science Congress, BFUHS", payable at Faridkot to:

Dr. Ravinder Kaur, Chairperson, 16th Punjab Science Congress, Office of Controller of Examinations, Baba Farid University of Health Sciences, Sadiq Road, Faridkot - 151 203 (Punjab) INDIA

Email: psc16bfuhs@gmail.com

Contact No. : - 96465-99300

IMPORTANT DATES

- | | | |
|---|---|-------------------|
| Applications for nominations | : | December 31, 2012 |
| Abstract submission deadline | : | January 10, 2013 |
| Submission of full manuscript (for Young Scientist Award) | : | January 10, 2013 |
| Intimation of acceptance to author | : | January 16, 2013 |
| Last date for Registration | : | January 16, 2013 |

APPLICATION FORM FOR RESEARCH

PRESENTATION

16th Punjab Science Congress

February 7-9, 2013

Date:

- a) Name of the author/authors : _____
b) Presenting author : _____
- Title of the research paper : _____
: _____
- Telephone (Resi/Office/Mobile) : _____
a) Email : _____
b) Fax Number : _____
- Name of the technical section (tick) A / B / C / D / E _____
- Type of presentation : _____ Oral / Poster
- Are you competing for young scientist award* (Yes / No)
- Are you registered (Yes/ No)
- If registered Give details of DD/Cheque/Cash Receipt

* Age below 35 years.

P.S. Kindly send this duly filled form to :

Dr. Ravinder Kaur, Chairperson, 16th Punjab Science Congress, Office of Controller of Examinations, Baba Farid University of Health Sciences, Sadiq Road, Faridkot - 151 203 (Punjab) INDIA

Email: psc16bfuhs@gmail.com

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