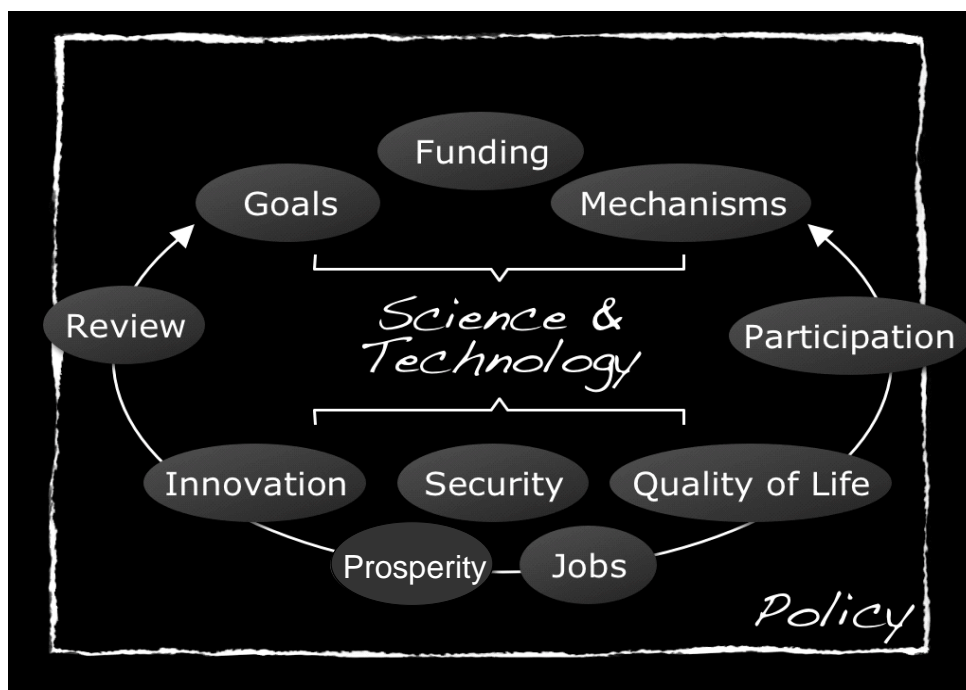




**DST Sponsored Brain Storming Workshop
on
Promoting Extramural Research in Punjab
(Feb.12, 2013)**



**Jointly organized by
Department of Botanical & Environmental Sciences
Guru Nanak Dev University, Amritsar-143 005
&
Punjab State Council for Science & Technology (PSCST),
Chandigarh**

Preface

Dominance of science in Punjab became evident only after independence, where, due to it, profound changes occurred in the methods & techniques of cultivation. This led to the increase of food grains but the variety of crops dwindled considerably. The series of revolutions passing under the titles of green, white and blue, coupled with unorganized development has dwindled biodiversity, disrupted environment, mismanaged resources and created filthy dwellings in most parts of the state. The new situation with respect to agriculture has become critical from ecological point of view as well. It has reduced drastically crop biodiversity and biodiversity in general, over utilized the meager water resources resulting in lowering of water table, poisoned the surrounding through overuse of insecticides, starved the soil of natural nutrients and reduced the green cover around the villages. In spite of apparent signs of development, there is in-appropriate disposal of household garbage.

Thus, there are many location specific problems in Punjab which require the help of science and R&D. It is, therefore, proposed that brainstorming workshops be organized in the state **to motivate the researchers to commence R&D on state specific issues**. It is felt that the brainstorming workshops will help the researchers of the state to identify problems of the state and highlight areas requiring immediate attention through technology and resource management. They can further prepare proposals to elaborate/find solutions for each sector needing scientific intervention which can be elaborated further at various other levels. The objectives of the workshop are to:

- 1) Mobilize the Universities and R&D Institutes to discuss the problems of the state requiring S&T intervention.
- 2) Motivate the researchers to commence R&D on state specific issues.
- 3) To open avenues for further scientific and systematic research on strategic problems needing immediate solutions.

The brainstorming workshop will involve technical sessions on:

- Information on R&D being conducted by the Universities and R&D institutions for location specific problems in the sectors of agriculture, environment & ecology, health, water irrigation, industry etc.
- Discussions to take up/ initiate systematic research on strategic problems needing immediate solutions in the state.

Department of Botanical and Environmental Sciences and PSCST jointly intend to organize one day brain storming workshop in GND University, with your active collaboration to meet the above stated objectives. This would also enable the researchers and scientists to frame research proposals which could then be submitted for sanction to State Science & Technology Programme (SSTP) www.dst-sstp.org, DST, GOI through PSCST.

Who can apply:

Researchers and teachers working in different science & technology **departments of GNDU Campuses and its constituted and affiliated colleges** can participate to discuss problems of state requiring Science and Technology intervention. They will be motivated to plan and submit solution oriented research problems on state specific issues.

Principals & Institutional Heads are requested to nominate faculty from Science & Technology departments

Registration fee: Rs. 200/- per person

Mode of payment:

Payment of the registration fees should be made by Demand Draft payable at Amritsar in favour of "Society of Botanical Sciences" GNDU, Amritsar.

Registration fee will cover registration material, lunch and intersession tea only. Participants should have their registration forms duly certified by their Heads of Departments / Principals.

Important dates:

Last date of submission of registration form & fees	- Feb. 7, 2013(Thursday)
Confirmation of participation	- Feb. 8, 2013 (Friday)
Date of Workshop	- Feb. 12, 2013 (Tuesday)

Reporting at venue:

Participants will report for workshop at 10 AM in the Department of Botanical & Environmental Sciences, common seminar hall on Feb.12, 2013.

Accommodation:

Accommodation shall be provided on the university campus on official rates subject to availability.

Contact:

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Head & workshop coordinator
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Dr K S Bath
PSO,PSCST

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Please give wide circulation to this brochure for the benefits of all researchers.

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REGISTRATION FORM

Name _____

Designation and affiliation _____

Email Address _____

Telephone no. (O) _____ (with STD code) (R) _____
(M) _____

Background/experience in research & development _____

Suggest S & T related issues/topics/objectives concerning your area that needs attention _____

Details of Registration fee _____
(DD No. with date and Amount) _____

Accommodation required (Y/N) _____

(Signature)

(Recommendation of Head of Department / Principal) _____
Photocopies may be used