



ਆਈ. ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ ਜਲੰਧਰ, ਕਪੂਰਥਲਾ
I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY JALANDHAR, KAPURTHALA
Business Incubation Centre

Ref. No. IKGPTU/BIC/181...

Date..10/12/2025

Directors/Principals
All the University Campuses/Colleges & Institutions
Affiliated with IKG PTU

Sub: Regarding Grassroots Innovators of Punjab (GRIP) Program 4.0

Dear Sir/Madam

As per the subject cited above, Punjab State Council for Science & Technology (PSCST), Department of Science Technology & Environment, Govt of Punjab has taken pioneering initiative called "GRIP" (Grassroots Innovators of Punjab) for nurturing grassroots Innovations in the State. The Program is being implemented by Punjab State Innovation Council in collaboration with National Innovation Foundation, Department of Science & Technology, Govt. of India. The said programme aims at providing institutional support for mapping, nurturing, and strengthening the grassroots and frugal innovations carried out by people without any scientific or technical know-how.

In this regard, I.K Gujral Punjab Technical University is organising capacity building-cum-awareness programme titled "Empowering Grassroots Innovators" as per the below mentioned details in collaboration with PSCST to strengthening grassroots innovations in the state. The said programme aims to sensitise grassroots innovators and register them with GRIP 4.0 program and to further enhance their skills, connect with industry experts, and foster a culture of innovation within our community. Selected innovators will be facilitated by Government of Punjab and their Innovations will be showcased at the national level. (GRIP Program Brochure Attached)

S.No	Venue	Date
1	Swami Sarvanand Group of Institutes, Dinanagar, PKT	21 st January 2026 (1100 hrs onwards)
2	Sri Sai Group of Institutes, Badhani, Pathankot	22 nd January 2026 (1100 hrs onwards)
3	SBJS Khalsa College, Satlani Sahib, Amritsar	27 th January 2026 (1100 hrs onwards)
4	IKG- PTU Campus, Amritsar	28 th January 2026 (1100 hrs onwards)

In light of the above, you are requested to depute Entrepreneurship Coordinator (E-Cell Coordinator) of your College/Institute to attend any one session from the above-mentioned schedule so that maximum participation can be ensured for GRIP 4.0 program. For any queries in this regard, you can contact Er Siddhant Rakesh Industrial Coordinator, IKG-PTU at +918968060954

With profound regards,

Ms Bedi

Dr. Mrigender Singh Bedi
Assistant Director BIC
IKG-PTU Kapurthala

"Propelling Punjab to a prosperous Knowledge Society"

I. K. Gujral Punjab Technical University

Jalandhar-Kapurthala Highway, Kapurthala-144 603.

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Lakshmi Narayan Technical
University, Meerut



Punjab State Council for
Science & Technology

GRIP

Grassroots Innovators of Punjab

AWARENESS SESSION ON

SSGI, Dinanagar,
Pathankot

21st January, 2026

Sri Sai Group Of
Institutes, Badhali
Pathankot

22nd January, 2026

SBJS Khalsa College,
Satlani Sahib, Amritsar

27th January, 2026

IK Gujral Punjab Technical
University Campus,
Amritsar

28th January, 2026

Who Can Apply

The innovators such as artisans, farmers, students from school, ITIs/Polytechnics, self employed entrepreneurs and individuals in rural & urban areas.

Resource Person

Dr. Alkesh Kandoria

Principal Scientific Officer
(Research & Startup Facilitation)

Coordinator

Dr. Mriginder Singh Bedi

Assistant Director CR&A
IK Gujral Punjab Technical University



Scan To
Apply

www.pscst.punjab.gov.in



GRIP

Grassroots Innovators of Punjab

Fostering transformation through Empowering GRIP



An initiative of Punjab State Innovation Council
Punjab State Council for Science & Technology
Department of Science Technology & Environment, Govt. of Punjab

KNOWLEDGE PARTNERS



Background

The Country is laying emphasis on need for utilizing Grassroots Innovations (GRIs) to develop solutions for basic human needs for people at the bottom of the pyramid. The number of GRIs per lac population in a state is also one of the indicators for ranking of States in India Innovation Index Ranking Framework.

The grassroots innovations play a pivotal role in providing better alternatives, reducing drudgery, improving process efficiency and often have the potential to be turned into entrepreneurial ventures generating livelihood avenues. The State of Punjab is known for its entrepreneurial spirit and developing innovative solutions especially in fields such as agriculture and manufacturing.

Definition:

Grassroots Innovations refer to novel products and processes that solve an unmet need or critical challenge for an individual or community specifically in a local context. These are technological innovations developed by people with non core science and technology background (education/occupation), mostly as a result of their own efforts, without outside support.

GRIP- Grassroots Innovators of Punjab Program

Punjab State Council for Science & Technology, Department of Science Technology & Environment, Govt of Punjab has taken a pioneering initiative to strengthen the grassroots innovations in Punjab. The initiative is being taken in collaboration with National Innovation Foundation of Department of Science & Technology, Govt of India.

The GRIP program was started in 2022-23 & features extensive involvement of District Administrations, Knowledge Partner Institutions, Educational and Research Institutions for scouting meaningful grassroots innovations across the State. The selected grassroots innovators felicitated at State-level events.



Innovations supported under GRIP Program



Automatic Honey Comb Foundation Machine
S. Jaswant Singh
(Ludhiana)



Roller for Sowing Vegetable Seeds
S. Tirath Singh
(Malerkotla)



New Cross in Piggery
S. Sukhwinder Singh
Grewal
(Ludhiana)



Gladiolus Planter
S. Gurvinder Singh Sohi
(Fatehgarh Sahib)



Flower Rain Machine
S. Baltej Singh
(Ferozepur)



Peelo Cut Hand Tool
S. Gurwant Singh
(Ludhiana)



Tractor Operated Rotary Weeder
S. Baljinder Singh
(Sangrur)



Multi Seed Sowing Machine for Nursery
S. Jaswinder Singh
(Malerkotla)



New Strain of Poultry
S. Talwinder Singh
(Jalandhar)



Ladoo Pinni Making Innovation
Smt. Meena Rani
(Ludhiana)



Tractor Operated Bund Maker
S. Surjit Singh Chaggar
(Hoshiarpur)



Gladiolus Bulb Grader
S. Gurpreet Singh Shergill
(Patiala)

Innovations by Students



Portable Onion Flower (umbels) Thresher cum Seed Extractor
S. Sukhjot Singh
(Ludhiana)



EyeShift- Eye Care and Posture Control Device
Mr. Shaurya Khosla
(Chandigarh)



Digital Fuel meter for Vehicle
Ms. Mehakpreet Kaur
(Jalandhar)



Chopping Dustbin
Mr. Gurpreet Singh
(Patiala)

PSCST Invites Applications for GRIP

Who can apply

Innovators with non core science & non- technology [education/occupation] background such as farmers, artists, artisans, students (Schools/Colleges/ITIs/Polytechnic diploma holders), house wife, industry worker, self employed entrepreneurs and individuals in rural & urban areas.

Apply using the following link:
<https://pscst.punjab.gov.in/en/grip>



SCAN TO APPLY

For detailed information visit the website, www.pscst.punjab.gov.in

Punjab State Council for Science & Technology

PSCST is the technical arm of Department of Science Technology & Environment, Punjab as well as State Level Node of Department of Science & Technology, Government of India. It is the Nodal Agency for promotion of Science & Technology in the State and is a Scientific and Industrial Research Organization approved by Department of Scientific & Industrial Research, Ministry of Science & Technology, Govt. of India. It is also spearheading Mission Innovate Punjab launched by the State Government for synergizing all the elements of Science, Technology & Innovation (STI) ecosystem for socio-economic development of the State. PSCST is engaged in identification of STI needs of various sectors & facilitating addressal thereof; technology development & demonstration; providing technological support for cleaner production to industry; providing IPR and tech support to women & grassroots innovators and rural entrepreneurs, capacity building, skill development and outreach activities. Further, the Council coordinates policy and infrastructure development for promotion of Science, Technology & Innovation (STI) in the State.

National Innovation Foundation

NIF was set up in March 2000 by Department of Science and Technology, Government of India as a National initiative to strengthen the grassroots technological innovations and outstanding traditional knowledge. Its mission is to help India become a creative and knowledge-based society by expanding policy and institutional space for grassroots technological innovators.

Contact details

Punjab State Council for Science & Technology,
MGSIPA Complex, Sector 26 Chandigarh 160019

🌐 www.pscst.punjab.gov.in ✉️ Twitter @PSCST_GoP

✉️ rsfd.pscst@punjab.gov.in

Contact Person: Dr. Alkesh, Principal Scientific Officer (94170-41884)