

## **Subject: Inviting Applications of Students for SRISTI-UNICEF Summer School on Inclusive Innovation 2020**

Greetings from SRISTI!

SRISTI announces the

Eighth Summer School on inclusive innovation 2020

Dates

May 24 - June 10, 2020.

The SRISTI, an integral part of the Honey Bee Network Invites budding technologists/innovators/social entrepreneurs/students to design solutions in the following broad domains:

1. Electronic Sensor and AI based products for women, children, elderly, farmers and other social segments; AI based data retrieval applications from Honey Bee Network databases like [ <http://77d55dbccf0267335279e1cad24317e8.tinyemails.com/69b01209b9d8a37722ba616f19817f6f/4e78533f0230fb73e34537b3bea42417.html> | [techpedia.in](http://techpedia.in) ] , [ <http://77d55dbccf0267335279e1cad24317e8.tinyemails.com/69b01209b9d8a37722ba616f19817f6f/163d0f8edd9812055dec934689bb5ee5.html> | [gian.org/patent.php](http://gian.org/patent.php) ] , [ <http://77d55dbccf0267335279e1cad24317e8.tinyemails.com/69b01209b9d8a37722ba616f19817f6f/92844db376bd175629b535f76db4d628.html> | [http://honeybee.org/honeybee\\_database.php](http://honeybee.org/honeybee_database.php) ] , [ <http://77d55dbccf0267335279e1cad24317e8.tinyemails.com/69b01209b9d8a37722ba616f19817f6f/ba3677658cb1625b7b815ef8a7cdbafe.html> | <https://www.gian.org/giannidhi.php> ] etc.,

1. Mechanical Engineering based devices for urban/rural poor, workers/small farmers in farm/non-farm sector, processing, construction, handloom, crafts, water supply, sanitation, assistive solutions, and any other related sector.

2. Designing Apps/smartphone based platforms for seeking and spreading innovative ideas , on-farm trials, social diffusion of innovations, natural products, peer learning among children, educational support for disadvantaged children, designing home based biotech experiments by children and their parents, design for improving web presence of HBN, GIAN database, social media analysis for diffusing innovation, etc.

## Eligibility

UG // PG // Ph.D. students, young faculty, professionals (if very passionate) engaged in Design, Engineering, Architecture, Social Science and other fields (including from CSIR labs or any other institution of higher learning) who are determined to address social challenges.

## Selection process

Apply [ <http://bit.ly/Summerschool2020> | [bit.ly/Summerschool2020](http://bit.ly/Summerschool2020) ]

Note: We are going to offer online classes May 24- June 1, 2020 online, through [ <http://77d55dbccf0267335279e1cad24317e8.tinyemails.com/69b01209b9d8a37722ba616f19817f6f/5f237e6e66dbe195d247f4ab2d14a419.html> | [bigbluebutton.org](http://bigbluebutton.org) ] platform,

From June 2- 8 you have to make a prototype at home. Final Presentation will be on June 10, 2020 with an eminent jury in place.

While submitting your application, please look around and list 10 unmet social needs – 5 rural + 5 urban needs. Illustrate one need (among the 10) which you would like to take ahead from idea to prototype.

SRISTI will also share a few unmet social needs with the selected participants. You are free to work on a problem of your choice also at the Summer School, which can be different from the one you submit during application. As long as it addresses a clearly defined unmet need of disadvantaged sections of society it will be welcome. However, the group work will be pursued on already identified social challenges unless a team can convince the group that its chosen problem is far more important and urgent.

Experts from CSIR, DBT, DST and other institutions in India and abroad will interact with the participants.

We will form interdisciplinary groups which will collaborate virtually through HBN communities app and [ <http://77d55dbccf0267335279e1cad24317e8.tinyemails.com/69b01209b9d8a37722ba616f19817f6f/f9ce062a4e9317ec1d8f4865e3fb119e.html> | [bluebutton.org](http://bluebutton.org) ] platform.

Application deadline: May 19, 2020. Target group size: 60 candidates to be announced by May 20, 2020.

## Outcome

Five to seven proof of concept, processes, Apps, and service/system design to move from mind to market-social or commercial but preferably openly accessible to users

It is understood that several ideas/products will need considerably more design and fabrication effort to make them useful for the target users/communities. SRISTI is committed to follow up each solution and keep the original group informed and engaged if they so wish. All the solutions will be shared with the user community in open source. In some cases, the defensive patent may be filed to prevent any third party monopolizing the design. SRISTI will have full right to share the solutions developed during summer school to modify, change or improve for the larger social good. The students can come back to follow up their summer assignment.

Sponsors who may wish to join the efforts are welcome to contact us

## Fees

SRISTI, which means creation (and the creator), is a developmental voluntary organization set up to strengthen the creativity of grassroots inventors, innovators, school and technology students, and ecopreneurs, biotech start-ups etc., engaged in conserving biodiversity, developing eco-friendly educational, technological, cultural or institutional solutions to local problems.

We want to ensure that every student/faculty who is sincere, insightful, and deeply interested can join us for the summer school. The contribution towards online lectures is Rs 2500 for the 18 - day event. No one will be denied participation due to lack of funds. Please write to us if you feel you deserve the merit cum means scholarship to waive your contribution.

For any other query, email us: [ <mailto:summerschool@sristi.org> | [summerschool@sristi.org](mailto:summerschool@sristi.org) ]

We will also be running an independent summer school for students from ITI and polytechnics through [ <http://77d55dbccf0267335279e1cad24317e8.tinyemails.com/69b01209b9d8a37722ba616f19817f6f/1c2b975f214e9bfada3fbceb1fbd16d.html> | [gian.org](http://gian.org) ] during the same dates. if you know students/faculty of ITI, and Polytechnics, pl do spread the word among them, details will follow shortly, interested students can write to [ <mailto:gian@gian.org> | [gian@gian.org](mailto:gian@gian.org) ]