**Projects taken by different universities are listed here:**

Babasaheb Bhimrao Ambedkar University:

* Solar fencing of the campus
* Green BBAU initiative with 56 acres of constructed wetlands
* Paddle-wheel water-purifier for flood-affected areas
* Integrated approach towards waste water treatment and bioelectricity generation using MFCs
* Low-cost bioremediation techniques
* Smart wheelchair for specially-abled children
* Walking stick-cum-chair for the old people
* Treatment of waste water in the drains

IISER, Mohali:

* Semi-automatic pipette filler
* Stop-cock free novel glass burette & universal semi-automatic burette filler
* Compact, palm-sized, light-weight, energy-efficient magnetic stirrer
* Radioactivity-detection drone
* Actinic flux-calibration device
* 3D solar-tracking using controlled perturbations via sequenced latching

Centre for Innovation (CFI) IIT Indore:

* Design space exploration of optimal k-Cycle cycle transient fault-secured datapath system with intelligent cut insertion
* Design space exploration system and method thereof using a bacterial foraging optimisation mechanism
* Design space exploration of optimal k-Cycle transient fault-tolerant datapath based on multi-objective power-performance trade-off
* Improved schedule-delay estimation process for datapath during high-level synthesis of application-specific processors
* Untrusted third-party digital IP cores: Power-delay trade-off driven exploration of hardware Trojan-secured datapath during high-level synthesis
* P-N tuned differential 8T SRAM cell
* A twin-security system for door locks of prohibited premises
* Awaaz: Voice for the vocally-challenged using sign language gesture-recognition and leap motion 3D infrared camera
* Awaaz: Voice for the vocally-challenged using sign language gesture-recognition and Microsoft Kinect 3D infrared camera
* Method and apparatus for embedded systems-based intevention for energy conservation
* Efficient liqiud distributor design for vertical falling-film tower
* Compact single-transceiver module for a software-defined radio
* Method and apparatus for informing emergency services, recording and aid in investigation, after an accident or an incident

National Institute of Technology, Silchar:

* Solar-energy initiatives
* North East e-connectivity with NITS Supercomputing Centre
* Pine Apple food-processing unit
* Photochemical machining
* Renewable mission : Solar training for employment

Mahatma Gandhi Antarrashtriya Hindi Vishwavidyalaya, Wardha:

The college is trying to come out with an app and software to help establish Hindi as an international language.

*The list of the other participant universities in meeting of National Innovation Club:*

1. Babasaheb Bhimrao Ambedkar University
2. Banaras Hindu University
3. Central University of Haryana
4. Central University of Himachal Pradesh
5. Central University of Kerala
6. Central University of Punjab
7. Central University of Rajasthan
8. Dr B R Ambedkar National Institute of Technology (NIT Jalandhar)
9. Dr Hari Singh Gour Vishwavidyalaya
10. Guru Ghasidas Vishwavidyalaya
11. Hemvati Nandan Bahuguna Garhwal University
12. IISER Mohali
13. IIT-Bhubaneshwar
14. IIT-Guwahati
15. IIT-Indore
16. IIT-Roorkee
17. Jamia Millia Islamia
18. Mahatma Gandhi Antarrashtriya Hindi Vishwavidyalaya
19. Malaviya National Institute of Technology Jaipur
20. Maulana Azad National Institute of Technology (Bhopal)
21. Nagaland University
22. NIT-Arunachal Pradesh
23. NIT-Calicut
24. NIT-Durgapur
25. NIT-Goa
26. NIT-Hamirpur
27. NIT-Jamshedpur
28. NIT-K Surathkal
29. NIT-Kurukshetra
30. NIT-Puducherry
31. NIT-Sikkim
32. NIT-Silchar
33. NIT-Tiruchirappalli
34. NIT-Warangal
35. Pondicherry University
36. Rajiv Gandhi University
37. Tezpur University
38. Indira Gandhi National Tribal University
39. Tripura University
40. University of Delhi
41. University of Hyderabad
42. Visvesvaraya National Institute of Technology (V NIT Nagpur)