

## ANNEXURE-V

### LIST OF NETWORKED PROJECTS WITH NODAL LABS

1. Spearheading small civilian aircraft design, development & manufacture (NAL)
2. Exploration and exploitation of microbial wealth of India for novel compounds and biotransformation process (IMT)
3. Molecular biology of selected pathogens for developing drugs targets (CDRI )
4. Study of mesozoic sediments for hydrocarbon exploration (NGRI)
5. Pollution monitoring mitigation systems and devices (NEERI )
6. Asthmatic and allergic disorders mitigation mission (IICB)
7. Newer scientific herbal preparations for global positioning (RRL-JAMMU)
8. Special electron tube technologies for large scale applications (CEERI )
9. Environment friendly leather processing technology (CLRI )
10. Comprehensive traditional knowledge digital documentation library (NISCAIR )
11. Catering to specialised aerospace materials (NAL)
12. Developing cells & tissue engineering (CCMB)
13. Toxicogenomics of polymorphism in Indian population to industrial chemicals for development of biomarkers (ITRC)
14. Designing animals and plants as bio-reactors for proteins & other products (CIMAP)
15. Development of catalysis & catalysts (NCL)
16. Developing green technologies for organic chemicals (IICT)
17. Acquisition of oceanographic research vessel (ORV) (NIO)
18. Impact of anthropogenic perturbations oceanographic-atmospheric processes in and around India in the context of global change (NIO)
19. Development of key technologies for photonics and opto electronics (CGCRI)
20. Developing capabilities & facilities for microelectromechanical systems (MEMS) and sensors (CEERI)
21. Coal characterisation & resource quality assessment for end users (CFRI)
22. Developing new generation fuels & lubricants (IIP)
23. Positioning Indian nutraceuticals and neutrigenomics in a global platform (CFTRI)
24. Setting up a world class drug research institute (CDRI)

25. Predictive medicine using repeat and single nucleotide polymorphisms (IGIB)
26. Drug target development using in-silico biology (IGIB)
27. Animal models and animal substitute technologies (CDRI)
28. Developing new building construction materials and technologies(CBRI)
29. Mathematical modelling and computer simulation (C-MMACS)
30. Technologies for standardization of bioresources for and from leather (CLRI )
31. Custom tailored special materials (CGCRI)
32. Capacity building for coastal placer mineral mining (CMRI)
33. Upgradation of SI base units, national standards of measurements & apex calibration facilities (NPL)
34. Developing & sustaining High science & technology for national aerospace programmes (NAL)
35. Medicinal plant chemotypes for enhanced marker and value added compounds (CIMAP)
36. Globally competitive chemicals processes and products (IICT)
37. Development of novel polymeric materials (NCL)
38. Development of techniques and methodologies for exploration, assessment and management of ground water in hard rock areas (NGRI)
39. Tectonic and oceanic processes along Carlsberg-central Indian ridge system and back arc basins (NIO)
40. Electronics for societal purposes (CSIO)
41. Industrial waste minimization and clean up (NEERI)
42. Quality enhancement of coal for its efficient utilization (CFRI)
43. Natural, nature identical or similar biomolecules (CFTRI)
44. Infectious diseases handling storage and research facilities (CCMB)
45. Design analysis and health assessment of special structures including bridges (SERC)
46. New and improved road technologies (CRRRI)
47. Establishing National science digital library (NISCAIR)
48. Consortium access to electronic journals (NISCAIR)
49. Establishing genetically modified foods referral facility (CFTRI)

50. Establishing advanced facility for safety evaluation of genetically modified/engineered drugs (CCMB)
51. Development of comprehensive technology for disaster prevention & management for Jharia coalfield (CMRI)
52. Biomineral processing for extraction of metal values from ores and concentrates (RRL-BHUB.)
53. Developing capabilities in advanced manufacturing technology (CMERI)
54. Technology for engineering critical assessment (NML)
55. Discovery, development and commercialization of new bioactives and traditional preparations (CSIRHQ.)