

February 23-24, 2019 | NITTR, Kolkata

Theme and potential areas**Theme:**

- (i) Emphasis on research and development of appropriate technology or rural technology for rural development (some differentiate appropriate technology with rural technology, in common they are almost similar with the characteristic feature of being sustainable).
- (ii) Development of the establishment of a new technology extension service system (which may differ from the common technology transfer system for natural resource exploitation and management).

The potential areas for the application of rural technology in different sectors are as follows:

- (i) **Agriculture:** Mobile application and or device for precision agriculture and farming, improved techniques of cultivation, agricultural machines and tools etc.
- (ii) **Health:** Pure drinking water, improvement in sanitation, Cloud Computing Technology for Health etc.
- (iii) **Energy:** Development of practical application of renewable sources like solar, wind, tidal, geothermal, water power, bio-mass/gas, urban waste etc. for lighting and motive power.
- (iv) **Low cost housing and technology village:** Developing rural housing towards designing, constructing and fabricating cheap and affordable houses in rural areas using locally available materials and resources, technology village etc.
- (v) **Roads and communication:** improvement in village roads, transport and communication systems.

The innovations should not be

- (i) Unnecessary duplication of efforts,
- (ii) Programme redundancy,
- (iii) Uneconomical/wasteful/ use of limited resource,
- (iv) Continued dependency on foreign technology and above all,
- (v) Absence of national capability to bring about sustained, self reliant and popular-based socio-economic development.

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