<u>**Call of Proposals for TECs**</u>

Establishing Technology Enabling Centres (TEC) in <u>University System</u>

A rapid expansion has beenobserved, overa period of time, in the R&D output of the country, in terms of publications, IP, research translation and technology commercialization etc. These outcomes are playing an important role in the country's economic development, as evidenced by various rankings and performance matrices. Academia is the prime resource in any country for generating new knowledge and its conversionto wealth. However, absence of effective institutional mechanisms in academia fortranslating R&D output into technological wealth is a big impediment. TDT Division has been implementing Technology related programmes since the inception ofDST. Itssuccess in terms of indigenous technology development has been satisfactory;however, the contributionto this from the University system is yet tobe optimized. We have deliberated several times on institutionalizing industry academia interaction, wherein creation of an enabling ecosystem has always emerged as an issue remaining to be effectively tackled.

Establishment of Technology Enabling Centres (TEC) in the University System is a step in this direction.

The objective of TEC will be to create an Ecosystem for Technology Development in the Universities and to provide a platform to network researchers with other institutes, National laboratories and industry. The focus of Centres will be on providing an enabling eco system, process and support system.

<u>**TEC's will be supported for period of five years with a maximum support of upto 1 crore per year.**</u>The progress of Centres will be monitored after every six months for two years and annually later. The Centres will be evaluated after three years for continuity and will be further extended for two years depending upon their performance. The proposed mandate, activities, evaluation criteria may be further modified while evaluating the performance of TECs.

The criteria for selection of a University for establishing TEC may be patent awareness, IP holding, MoU or MoA with industry/clusters, availability of proof of concepts, ready prototypes, incubator activity or some other technology related activity as defined by the Committee.

The activities envisaged may be:

- Mining of Technologies being developed at various Labs in University;
- Assessment of technologies requirement of MSMEs in and around.
- Evaluating maturity of the identified Technologies (Products/Process or both) for further development;
- To carry out the Market Study/Assessment of the Technologies for their Market Potential;

- To recommend the Pilot stage development & co-development of the
- Technologies with established Institutions/Industries to make the Technology as Market ready product to DST
- TEC will serve the Industry by preparing reports and assisting in Research and Development in areas of dense Industry Clusters
- Networking with various Technology Development Institutions & Labs for refining of the technologies;
- Periodic Workshops/Seminars in Collaboration with Industries;
- To bring out Information' updates on the Technologies available in different areas;
- To bring out TEC Newsletter & Bulletin on Quarterly basis

The primary stakeholder in TEC's will be faculty working in University which may eventually be extended to the students. TEC will not undertake any research activity*per se*. DST will support the TECs to engage temporary manpower co-terminus with duration of support to pursue the proposed activities.

Submission of proposals
Three (3) hard copies of the TEC proposal and a soft copy in PDF in the below specified format should be submitted by **31st May, 2018**to The Adviser & Head, TDT Division, Department of Science & Technology, Technology Bhawan, NewMehrauli Road, New Delhi- 110016(Email: neerajs@nic.in).

Enquiries:
For any further enquiries related to this call, you may contact the following:

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THE FORMAT OF THE APPLICATION AND THE GUIDELINES MAY BE DOWNLOADED FROM THE BELOW LINK:

TEC-Format