

	<b>Programme Brief</b>	Issue No:01
		Date: 08/11/2013
		Revision No.: 04 (11/11/2019)
		No. of Pages: 04

**PROGRAMME:**  
**Technology Grant Scheme - “Support for Technology Development (Tech- D)”**

**RATIONALE**

The Grant Scheme on “Support for Technology Development (Tech-D)” is implemented by NSF with a view to supporting new technology development, promoting technology transfer and commercialization of the new technologies. Under this Grant Scheme, state, non-state sector and individuals are provided financial support to develop new technologies with commercial / application potential.

The Projects with outstanding merit and completed on time will be considered for the NSF Technology Awards which are bestowed annually.

**OBJECTIVES**

- To encourage state sector organizations (universities and research institutes), non-state sector organizations (small, medium and large companies), and individuals (technologists / technicians, inventors *etc.*) to become active partners in the innovation process, by providing funds to conduct projects leading to Technology Driven Innovations (TDI) / Market Driven Innovations (MDI), producing locally, regionally or globally competitive new materials, products / devices, installing new processes, systems and services, or improving substantially those of already produced or installed.
- To encourage Grantees for intellectual property protection and licensing their innovations.
- To promote technology transfer and commercialization of new technologies.

***Corporate Plan Reference***

*Gall 01: Be the leader in facilitating technology development, intellectual property protection, technology diffusion and transfer and to emerge as the eminent catalyst for RD&I commercialization.*

*Objective 2.1: NSF to be the focal point and facilitator for further development of potential technologies, supporting start-ups, diffusion, licensing and transfer of technologies with institutionalized mechanisms.*

**PROGRAMME CONCEPT**

NSF provides funds for Technology Development Grants for personnel who are capable in developing new technologies required for the country. Funds provided as Grants are public funds. Therefore, it is expected that Grantees are well aware on this and hence responsible for correct use of public funds to produce tangible outcomes which will contribute to national development of the country. It is required to commercialize the outcomes of the projects and therefore, obtaining commercialization IP for the findings are encouraged. Hence, application with a collaborator for commercialization and a Roadmap for commercialization or demonstration of commercial potential / technology transfer of the new technology are required.



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**ASSESSMENT CRITERIA**

- Novelty of the technology developed.
- Techno-economic feasibility.
- Capability & capacity to conduct the project.
- Contribution to SME development
- Market potential
- Value addition
- Sustainability (technology life cycle)
- High-end technology development
- Collaborator for commercialization of the new technology
- Roadmap for commercialization

**PROGRAM GUIDELINES**

**General**

- Expressions of Interest (EoI) are called twice a year.
- EoIs must be made on the specific Form provided by NSF (EoI Form can be downloaded from the NSF Website- [www.nsf.gov.lk](http://www.nsf.gov.lk)).
- More than one EoI can be submitted at a time, but priority will be given only for one EoI.
- Hard Copy of the duly completed and signed EoI should be submitted by the Applicant by post, addressed to Director General, National Science Foundation, 47/5, Maitland Place, Colombo 07 or fax it to 0112696771. Scanned copy also requested by email to [info@nsf.gov.lk](mailto:info@nsf.gov.lk).
- Applicants are invited to make a presentation on their EoI before the NSF Working Committee on Technology.
- For successful EoIs, Applicants of those EoIs will be requested to submit detailed Grant Applications (twice a year).
- Grant Application must be made on the specific Grant Application Form, which can be downloaded from the NSF Website or obtained from the Technology Division.
- Applicants should follow the instructions given in the Application Form as well as Guidelines for Applicants attached to the Application Form.
- A complete set of application in three copies (Hard copies) should be submitted by the applicant along with a soft copy of the Application in pdf form (e-mail: [info@nsf.gov.lk](mailto:info@nsf.gov.lk))
- Only one Grant is awarded to one Team Leader at a time. After completion of the Project he /she may apply for another Grant.
- A complete set of application in three copies (Hard copies) should be submitted by the applicant along with a soft copy of the Application in pdf form (e-mail: [info@nsf.gov.lk](mailto:info@nsf.gov.lk))
- Only one Grant is awarded to one Team Leader at a time. After completion of the Project he /she may apply for another Grant.
- No ceiling for allocation of funds is established. However, a thorough justification for the requirement of funds needs to be provided.
- Fund disbursement will be subjected to applicable rules and regulations. NSF Board approved guidelines are applicable for Fund disbursement for all categories.
- Government approved financial regulations are applicable for managing finances for all categories.
- Work-flow chart approved by the Board, 2013-09 of Aug 16th, 2013, is followed for processing of grant applications.



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### PROGRAMME:

Technology Grant Scheme - “Support for Technology Development (Tech- D)”

- Half yearly Progress Review Seminars for Grantees are conducted to monitor the progress of the projects (June & December).
- Grantees are encouraged to obtain a commercialization IP for their findings.
- Grantees are encouraged to provide Road Map of the way of commercialization. The way of transferring the new technology/ies produced by them should also identified by the Applicant.
- Grantees are encouraged to provide a video clip on their Project output.


### **Funds**

Project proposals are fully funded for State sector, but not for Applicants under “Non-state sector” and ‘Individual’ categories. NSF expects the Applicants under the latter two categories to bear part funding. In such cases, NSF will bear 50% - 70% of the fund requirement under each Vote. The Applicants will have to bear the balance 50% - 30%.

For “Non-state sector” and ‘Individual’ categories, hiring of personnel, stipend, overhead expenses *etc.* will not be covered by NSF. But, they can request funds for Technical Assistants (TAs) and Labourers (L) at NSF approved rates. There is no such limitation for the State Sector (excluding overhead expenses). Research Students’ allowances are also covered for the State Sector.

Funds are provided to conduct projects under following main streams.

- Developing new technology with products (including prototypes), processes and services which are of commercial value.
- Significant improvement/substantial quality upgradation in the existing products/processes.
- Scaling up of products or processes for commercialization.
- New Industrial design of products.
- Efficient use of resources such as reduced material / energy consumption resulting in significant cost reduction leading to improved competitiveness.
- Reverse engineering or technology adaptation / modification for effective absorption of imported technologies
- Technology acquisition with substantial improvement to suit to local environment.
- Technologies for replacing imported raw materials / components with local substitutes.

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<b>OUTPUTS</b> <ul style="list-style-type: none"> <li>• Prototypes with commercial potential.</li> <li>• New/ improved or advanced technologies.</li> <li>• New products processes and services.</li> <li>• Commercialization IPs</li> <li>• Video clip on the product developed</li> </ul>		
<b>TARGET GROUPS/ BENEFICIARIES <sup>1</sup></b> <ul style="list-style-type: none"> <li>• Scientists, researchers and engineers from universities and research institutes.</li> <li>• Non-state sector companies (SMEs and large)<sup>2</sup>. SMEs (if they have no R &amp; D capability) may apply in collaboration with state sector organizations.</li> <li>• Individuals not affiliated to an organization (Individual category). They should apply with a collaborator to commercialize the new technology.</li> </ul>		
<b>POSSIBLE PARTNERS</b> State Sector and Non- State Sector organizations.		
<b>REMARKS</b> Other initiatives with which the programme will link: <ul style="list-style-type: none"> <li>• NSF Technology Awards Scheme</li> </ul>		
<b>Prepared by</b>  Head / Technology Division   <b>Signature:</b>		
<b>Authorized and Issued by</b>   <b>Signature:</b>		

<sup>1</sup> Conditions are applied for fund disbursement depending on the target group (category).

<sup>2</sup> Applicant must be a company. Company’s R & D capability has to be proven and may be assessed based on its annual reports, audited statements and other relevant documents where company profile is demonstrated.