



Ministry of Science, Technology & Research
National Science Foundation



Application for
National Awards for Science & Technology Achievements (NASTA
Awards) 2018

(Complete both parts A & B)

Part A of two parts, A & B

1. Name of Applicant/s & Affiliation:
2. Contact details of the applicant:
Address :
Telephone : Fax :
Email :
3. Name, affiliation & contact details of the nominator:
(for categories 1 & 11, if relevant)
Email :
4. Project Title : (Please give the most appropriate title which describes the work mentioned in the application)
5. Category applied/ nominated for (tick only the most relevant category):
(If you are applying under more than one category, separate applications should be submitted under each category)

1	Individual/team/institutional outstanding leadership in promoting & developing S & T	
2	Excellence in multidisciplinary team efforts in the application of S&T	
3	Excellence in public-private partnerships built in the application of S&T	
4	Excellence in international collaboration for advancement of S&T	
5	Adaption of technologies to large industries	
6	Transfer of technologies to SMEs	
7	Harnessing S&T for sustainable development	
8	Innovative applications of advanced technologies	
9	Value addition to local natural resources (biological, earth & marine resources etc.)	
10	Development of viable substitutes for imports (acquired or adapted) and acquired or adapted technologies resulting in successfully exported products/ services	
11	Outstanding S & T contributions having a significant impact on the nation	
12	Mainstreaming indigenous knowledge for S & T development	
13	Improvement of productivity, quality and competitiveness products/processes/services) through application of S&T	

6. Names of two non-related/independent referees in the relevant field with contact details & affiliation:

1.

2.

7. I/we declare that the work presented in this application belong to me/us and there are no omissions of co-workers and the work presented in the application does not breach any ethical aspect or laws of the land and also the work presented here has not been rewarded/recognized before under any another award scheme. The details are given for the award/s received in the case of receipt of an award/s

.....
Applicant/s signature

.....
Date

Part B

Provide answers to all questions in not more than 2500 words in total. In addition, you may include any material that supports your application.

8. Justify scientific merit of the Research & Development efforts undertaken in relation to this work.

9. How do you assess your project output/outcome in terms of market penetration/market potential/? (provide evidence for market share, sales revenue, licensing revenue, royalty income, cost savings if there are any)

10. How did your project contribute for local value creation? (provide evidence for increased knowledge, enhanced research capability, innovations, disclosures, new regulations/management practices developed, better codes and practices created, access to equipment and knowledge platforms)

11. Briefly explain contribution made towards skill development and knowledge dissemination

12. Provide detailed information on acquisition, protecting/managing intellectual property rights (IPR) in relation to this work (Please provide evidence of patenting, licensing, royalties, IP policies/agreements and technology transfer agreements etc.)

13. Provide detail if the work presented in this application is carried out using local resources/indigenous knowledge or know-how

14. How did your project contribute towards enhanced resource efficiency and productivity?

15. Briefly explain efforts made towards certification/ product registration, compliance with internationally recognized standards and S&T communication

16. Explain how partnerships (private -public, local/international) were established and effectively used in R&D commercialization, technology transfer or adaptation of technology

17. Briefly explain on measures taken in order to harness financial and other resources effectively to accomplish project outputs

18. Briefly explain how this work contributed towards S&T development and promotion in the country

19. How do you rate your project in terms of level of implementation/ operationalization towards application of S&T

25 % 50% 75% 100 %

20. If your project is involved with advanced technologies, briefly explain type of advanced technology used (*i.e.* Biotechnology, Nanotechnology, ICT, Space Technology, NEMS/MEMS, artificial intelligence, advanced materials, mechatronics, robotics, virtual reality etc.)

21. If your project is involved with value addition to local natural resources briefly explain content of natural resource/s, value addition in terms of economic, social & environmental point of view, test trials carried out in the field and level of use

22. How do you link your project with national issues and priorities (reference to be made to accepted national policies, documents, sustainable development goals etc.)

23. Explain how this work will be sustainable in social, environmental and economic terms.

24. Provide evidence for needs assessments done.

25. Is your project output is commercialized? Yes/No

26. If your project output is commercialized, provide details pertaining to impact made in production efficiency, industrial productivity, new job creation, cost saving, amount of foreign exchange earning/saving to the country (provide data and evidence).

27. Explain how your project output contributed to national economy in terms of national preparedness towards global warming/climate change, natural disasters, national competitiveness, improved public health and safety, societal and governmental response to emerging crises and opportunities.

28. Ethical clearance reports (if relevant) should be attached to the application.

29. What factors motivated you to start this work?

30. What are your future plans to improve this work?

31. Any other information which may further value your work.

32. Please state why you are suitable to win a NASTA Award in 100 - 300 words (your justification for the suitability for the award).

(Please provide references for the items where relevant in the description and attach a list of references).