



Nepal science Foundation (NSF) C12S2 Committee

Terms of Reference (ToR) and Scope

Dr. Raju Adhikari, Convenor, NRN ICC Nepal science Foundation (NSF) C12S2 Committee and Team

In Pursuant to NRN Declaration No 2009, and the subsequent formation of a SKI-Task Group and follow up declaration in 2011 to form a permanent S&T committee replacing SKI Task Force and 2017 ICC 1st meeting chaired by NRNA ICC President Bhavan Bhatta to form NRN Academy towards developing a long term strategy on Science and Knowledge Investment as a major component of NRN programs in Nepal, Nepal Science Foundation (NSF) has identified five major themes as its focussed areas: **Clean Technology promotion , Crop Production, Livestock Production, Public Health and Disaster Resilient Technology, Resource Database** based on Sustainable Development Goals (SDGs) of UN, national goals set by National Planning Commission (NPC) and from outputs of recent S&T policy discussion organized by NSF. The theme areas will be developed into 7 specific program and projects as outlined in section 2.0

1.0 Terms of Reference (ToR)

1. NSF Committee C12S2 will be the main NRN body to deal with issues pertaining S&T development in Nepal;
2. The Committee will advise the NRN ICC on Science, technology and Information (STI) innovation prospects, strategies, program for streamlining technology transfer as feasible for the development of Nepal and, assist, through the ICC, in the modernization of laws on technology transfer, patents and policy options.
3. The committee will support NRNA-NCC to establish NRNA academy and collaborate with Nepalese academician working abroad for knowledge and technology transfer.
4. The Committee will help develop collaborative functional linkages with national as well as international S&T organizations to achieve its goals.
5. The Committee will comprise of maximum of 25 board members representing different regions to execute program initiatives and more members will be enrolled on project basis
6. NSF committee team and subcommittee lead person and program champion will be identified and made operational by March 2018
7. NSF existing board members will continue to provide policy direction to the committee and subcommittees as per need
8. The committee will align ongoing activities with new programs (section 2.0) to meet long term goals
9. The committee will conduct quarterly meeting and submit summary report to -NRNA Academy and ICC

10. The committee will work towards developing strong linkages with project partners both in Nepal and Abroad
11. The committee will lobby for NSF representation in Nepal Academy of Science and Technology (NAST) Academic Council meetings
12. The committee will work closely with proposed central ministries , provinces and the federal government and other local level government to support and implement NSFSKI projects
13. The committee will provide support to science policy formulation in sector specific areas as relevant by working closely with GoN
14. The committee will engage NRN scientists and technologists in various projects in collaboration among NRNs globally and with resident Nepali and international collaborators.

2.0 Strategy and Implementation

- The NSF committee and subcommittee will work in following specific program to align with major themes as outlined above:
 1. Scientific e-Journal publication
 2. Skill inventory
 3. School capacity building
 4. Start-up and technology transfer
 5. Annual scientific national conference and biannual international conference and regional roundtables
 6. Indigenous knowledge and environmental safeguard projects.
 7. Promotional Activities on Public Health, Natural Disaster relief and environmental pollution Issues
 8. Research and development activities in all working thematic areas: Clean environment, Crop Production, Livestock Production, Public Health and Disaster Resilient Technology, Resource Database
- NSF will call for expression of interest from NCC/ICC from all regions to join above program as feasible and form appropriate team to work on them Adopt a policy of one program one region
- NSF will appoint a program champion to lead the identified program
- The program champion will be responsible to develop above outlined program, formation of team and plan of action
- NSF will submit quarterly progress report to NRN Academy and ICC
- NSF committee and subcommittee will convene their bimonthly meeting regularly and share the progress with ICC members
- A detail work plan and the committee formation will be ready and operational by March 2018
- The NSF Committee will coordinate with NRN RC and NC in team formation and undertake collaborative projects in accordance with above stipulated ToR and guidelines as defined above by NSF committee.
- NSF committee will develop various group email addresses for effective communication

- The NSF committee will invite and engage GoN agencies, proposed central ministries , provinces and the federal government as appropriately to partner and collaborate in its program
- NSF will update its current website for open communication and feedback

NSF Committee will encourage interactions on projects from all NRN-NCC through exchange of ideas by email, conduct meetings, workshops and seminars to ensure that relevant information and expert's opinions are available for the successful completion of the project earmarked. Subcommittee lead person and project champions and team should communicate and share ideas with NRN community and stakeholders in their area of activities through NSF provided contact group email address. The committee will ensure that accurate information is provided to NRN ICC and to Nepal Govt as an input in policy making process. All programs will follow guidelines as defined above, work independently and report to NSF convenor and committee.

3.0 Outcomes/Results

- NSF Program and projects scheme will be in operation in identified national priority areas
- NSF STI research journal will be in operation
- Transfer of knowledge, skills and innovation to Nepal initiated through the launch of several projects in education and science domain undertaken
- Strong networking and partnership among NRN community and stakeholders including the Government of Nepal established
- A comprehensive skills database of NRNs, Nepalese professionals and Stakeholders prepared and uploaded in the website
- A global NRN program for professional information sharing and mentoring among Nepalese everywhere will have come into operation
- NSF subcommittee will have been formed in the various region and program running
- Regional representative will coordinate collaboration and cooperation with scientific and professional organizations in various countries among global Nepalese around the world
- NSF program and its outcome and impact will be assessed quarterly and shared with NRN ICC
- NSF operational fund will have been established by fund raising from sponsors, donation, membership and support from ICC on project basis

4.0 Role and Responsibilities

NSF Convenor

- Formulate NSF strategic policy plan, program structure, guidelines and ToR

- Work closely with NSF team, Nepal Academy Chair, NRN ICC and Secretariat and submit quarterly report
- Participate and represent NSF in NRN Academy, ICC meeting and NRN Executive body meeting as needed
- Liaison and work closely with other NRN Academy committees
- Represent NRN ICC to GoN, public and private institutions, donor agencies meetings

NSF Sub Committee Champion

- Convene sub-committee quarterly team meeting
- Take lead and initiative and develop project plan, proposal and its implementations
- Liaison with subcommittee **team members** and provide strategic support for successful completion of the project undertaken
- Represent the Subcommittee in various NRN meetings at NCC and regional levels
- Compile the progress report and submit to NSF Convenor
-
-

NSF Secretary

- Convene NSF committee quarterly team meeting
- Prepare meeting minutes and submit to NSF board and tea,
- Work closely with the NSF convenor and secretariat on administrative matters
- Conduct annual auditing report and submit the report to the Convenor
- Maintain NSF website
- Take lead and work on school capacity building project , proposal and its implementations
- Liaison with NSF subcommittee **team members** and provide strategic support
- Represent NSF in NRNA and other government agencies meetings as per Convenor instruction
- Compile the quarterly progress report and submit to NSF convenor and team.

Time Frame

NSF subcommittee will run for two years from 2017-2019