



National Student Team Contest Application Form

Recommended structure of the Part 1 (scientific proposal)

Scientific Proposal (SP) of the joint Proposal demanded for all the participants of the National Student Team Contest (**totally 60% of scores**)

SP is the first part of the combined proposal demanded from all the participants of the National Student Team Contest to be successfully selected for the participation in the International Olympiad on Nanotechnology (INO). Another, second, part includes the Implementation Proposal (Part 2, IP, Appendix 2). Both Part 1 and Part 2 must be presented as a single file of the joint proposal with all the text descriptions, illustrations, references etc. within the file.

Language: English

Aim: to represent scientific and experimental overview / background of a proposed project

Recommended length: 5 – 7 pages with all demanded illustrations (A4 size, 2 cm margins from all the sides, Arial 14 pt font, single space)

Project scientific / experimental description and scores:

- *Project title* (3 – 20 words, score **0 – 2**)
- *Abstract* (10 – 300 words, score **0 – 8**)
- *Introduction* (a global problem, project aim, tasks, actuality, novelty, score **0 – 10**)
- *Approach* (suggested possible solutions, experimental procedures and features, etc., score **0 – 10**)
- *Discussion* (explanations of scientific novelty and effectiveness of the suggested solutions and approaches, score **0 – 25**)
- *Descriptive conclusions* (score **0 – 3**)
- *References* (score **0 – 2**)

Total score – 60

Recommended structure of the Part 2 (implementation proposal)

Implementation Proposal (IP) of the project results of the joint Proposal demanded for all the participants of the National Student Team Contest (**totally 40% of scores**)

IP is the second part of the combined proposal demanded from all the participants of the National Student Team Contest to be successfully selected for the participation in the International Olympiad on nanotechnology (INO). Another, first, part includes the Scientific Proposal (Part 1, SP, Appendix 1). Both Part 1 and Part 2 must be presented as a single file of the joint proposal with all the text descriptions, illustrations, references etc. within the file.

Language: English

Aim: to represent and explain the practical impact of the proposed project and its possible commercial implementations

Recommended length: 2 – 3 pages with all needed illustrations (A4 size, 2 cm margins from all the sides, Arial 14 pt font, single space)

Project commercial / implementation impacts and scores:

- *Implementation* (possible practical applications of the project in devices / products, score **0 – 10**)
- *Impact* (focused explanation why the project can influence our life / society, score **0 – 10**)
- *Analogues* (comparison with analogues to show novelty and effectiveness, score **0 – 10**)
- *Cost* (numbers and estimations why the project results would be attractive for global or local market, implementation schedule, protection of intellectual properties, possible start up investments, cost effectiveness and possible income / earning by years, stages of project implementation and growth, score **0 – 10**)

Total score – 40