**HPC System at IIT Kanpur**   
**(Param Sanganak/HPC2013)**

1. Work Report
   1. Title of the work carried out \*:
   2. Name & Designation of the Chief Investigator\*:
   3. E-mail Id\*:
   4. Institution Name\*:
   5. Problem statement(s) (1 paragraph):
   6. Work carried out, Milestone, Achievements & Graphs, Plots (2-3 pages):
   7. Application and Code performance and scaling (Multi node scaling is required for Param Sanganak)
   8. Publications / Articles etc. link (If any) \*. Mention if the HPC facility (HPC2013/ParamSaganak) has been cited:

**Peer reviewed publications**

|  |  |
| --- | --- |
| DOI of the publication | Acknowledged HPC2013/Param Sanganak in the publication (YES/NO) |
| 1. |  |
| 2. |  |

**Books/Book Chapters**

|  |  |
| --- | --- |
| DOI of the publication | Acknowledged HPC2013/Param Sanganak in the publication (YES/NO) |
| 1. |  |
| 2. |  |

**Conference Proceedings**

|  |  |
| --- | --- |
| Full reference along with title | Acknowledged HPC2013/Param Sanganak in the publication (YES/NO) |
| 1. |  |
| 2. |  |

* 1. Awards (If any):
  2. Work presented in conference/s with photographs (if any):
  3. Appreciation / Recognition (if any):
  4. Benefits & experience of using the HPC2013/Param Sanganak:
  5. Any other relevant information (if any):

1. Information (only) required for NSM (National Supercomputing Mission) users
   1. Domain(s)\*:
   2. Sub-domain(s):
   3. Application name(s)\*:

(Indicative list of Domains)

* Astronomy & Astrophysics
* Atomic & Molecular Sciences
* Computational Biology
* Bioinformatics
* Chemical Sciences
* Climate & Environment Sciences
* Complex Systems and Statistical Physics
* Computational Fluid Dynamics
* Computational Physics
* Computational Sciences
* Data analytics
* Geological Sciences
* Material Sciences
* Quantum Mechanics
* Structural Engineering Mechanics
* AI/ML/DL
* Image Processing
* Others (please specify)

\* Mandatory filled