**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