Form to obtain an account on AnantGanak: HPC facility at IIT Dharwad

210010055@iitdh.ac.in Switch account

Draft saved

The name, email, and photo associated with your Google account will be recorded when you upload files and submit this form

* Indicates required question

Billing Information, Purpose, Resource Requirements, Project Details, Attachments

Please complete the Billing information and other details. Leave 'Billing Account blank if not known. HPC facility usage (by faculty, his/her research scholars, staff, consultancy projects, and BTPs), hours are charged to this account. Each faculty would get SUs worth Rs 25,000 free on each type of HPC system (DGX1 and CPU only cluster) initially per calendar year.

Billing Account Name (of the PI for the use of HPC facility), e.g. Contingency grant from Project No: xxx...or SGNF funds, or Name of the PI. If not known, write as 'Not Known' *

Not Known

Purpose of the account *

○ IITDh Course (excluding BTPs)

○ Workshop on 'HPC and applications' related topics

○ Training on 'HPC and applications' related topics

◉ Research

○ BTP

○ Other: _____

If you have selected the purpose of the account 'Other'.. Please specify clearly.. for other cases, please write 'NA' *

NA

If the purpose of the account is IIT Dharwad course... Please specify, Course Code, Course Name, Academic Year and Semester, e.g. CS410, Introduction to Parallel Computing, 2019-2020, Semester II........ else please write 'NA' *

NA

If the purpose of the account is Workshop/Training specify End of the Program. If not please write a date: January, 01, 2016 *

MM   DD   YYYY
01 / 01 / 2016

If the purpose of the account is 'Research or 'Others', please specify project title and a brief abstract of the project Proposal. If not please write 'NA'. *

Title: Automated Timetable Scheduler

Abstract: Our project, the "Automated Timetable Scheduler," is a cutting-edge solution designed to streamline scheduling processes for educational institutions and organizations. Leveraging advanced optimization techniques, our scheduler efficiently allocates resources, satisfies constraints, and minimizes conflicts, resulting in conflict-free, balanced, and user-friendly schedules. With scalability, user-friendly interfaces, and robust reporting tools, our system adapts to diverse needs and continuously enhances scheduling efficiency.

Resource Requirements in Service Units (SUs) for CPU-only cluster in numbers (e.g. are you going to use 32 cores for 10 hours for one simulation run, then total SUs become 32 x 10 = 320 SUs (in terms of CPU-core-hours) *

320

Resource Requirements in Service Units (SUs) for DGX1 box in numbers *

0

Preferred username (usernames for IITDh courses: If there are many usernames required for IITDh courses, leave the field blank. HPC-System Administrator will create the account(s) and send an email to the email ID mentioned in the form). *

Scheduler

Attachments: Biodata of the user (PI) in PDF format (optional for internal users, compulsory for external to the institute)

⬆ Add file

One Page Project Proposal (include title of the work, and extended abstract). This data is required to assess usage of the cluster. Upload a PDF file. *

⬆ Add file

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