



PARAM Utkarsh Activity Report – March 2024



A. PARAM Utkarsh Usage Total: 69.86%

SN	Node	% of usage	Reserved usage	Dedicated nodes	Total
1	CPU	64.17%	0.68%	10.00%	74.85%
2	GPU	34.66%	10.22%	20.00%	64.88%
	Total		Average of both CPU and GPU =		69.864975

B. PARAM Utkarsh users created : 15

Users created	Organization	Comments
10 users created	MIT MAHE	Educational institution
prasenjits	IISER Tirupati	Educational institution
gklab_adna	Madurai Kamaraj university	Educational institution
3 users: parihpc, abhishekp, rahuls	Intenal C-DAC bangalore	

Users deleted/reject	Organization	Comments
NONE		

C. Total number of Jobs: 5833

SN	Organization	No., of Jobs
01	Internal	3335
02	External academics	2259
03	MSME	49
04	Workshop	190
	Total	5833

D. PARAM Utkarsh Cluster status:



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Total Number of Nodes: 4

SN	Node	Reserved
01	CPU	0
02	GPU	3
03	HM	1

Sl. No	Name	No. of Nodes	Reservation ID	Duration
1	NSM HRD funded Workshop	2 GPU	mit	8.00.01
2	NSM-AICS project	1 GPU, 1 HM	aics_res	1 month

E. **PARAM Utkarsh Revenue Generation total:** ₹ 2920332.54

Organization	Amount	comments
Internal*	649878	Without GST
External	2397685.2	Without GST
MSME	24812.4	Without GST
Workshop**	1523.52	Without GST
TOTAL	3073899.1	Without GST

Internal NSM Project*

- NSM Urban Modelling project
- A HPC software suite for seismic imaging to aid oil and gas exploration
- AI for cyber security

Workshop**

- Workshop for MIT- MAHE users
- Elective Course for HPC at IIT Dharwad for the HPC assignments
- AICTE Master Training Program Bangalore(FDP)