



PARAM Utkarsh Activity Report – April 2024



A. PARAM Utkarsh Usage Total:

77.98%

SN	Node	% of usage	Dedicated Usage	Total	comments
01	CPU	53.91%	20.49%	74.40%	
02	GPU	31.57%	50%	81.57%	
	Total			77.98%	Average of both CPU and GPU

B. PARAM Utkarsh Total users:

494

SN	Type of user	No., of Users
1	Academics	278
2	MSME /Startups	30
3	C-DAC Internal	186
	Total	494

SN	Academics	No., of Users
1	ADE	2
2	Amrita Vishwavidyapeetham	1
3	CSIR-NAL	2
4	CSJR-National botanical research institute Lucknow	1
5	BICPU	1
6	External EDA Tool Users	9
7	ICAR	1
8	IITB	3
9	IIM Bangalore	1
10	IISC Bangalore	2
11	IISER Pune	2
12	ISSER Tirupati	1
13	IIT Delhi	1
14	IIT Hyderabad	1
15	IIT Kanpur	5
16	IIT Madras	2
17	IITA	6
18	Indian Institute of Information Technology	1
19	IITK	2
20	Kannur University	1



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21	LRDE DRDO	1
22	Madurai Kamaraj University	1
23	Madura College	1
24	MIT - MAHE	112
25	NIMBMG	1
26	NIT Rourkela	1
27	NITK	103
28	NSS college of Engineering	1
29	Pondicherry University	1
30	Sri Manakula vinayagar engineering College puducherry	1
31	Tezpur University	1
32	VSSC	2
33	ONGC	7
	Total	278
SN	MSME /Startups	No., of Users
1	ARMS 4 AI PRIVATE LIMITED	4
2	Avesthagen Limited	1
3	BCD Analytics Hub	1
4	Digite Infotech Pvt.LTD	1
5	Flnoseq	1
6	Gleam Innovation	1
7	iTNT Hub	1
8	Laurus Bio PVT LTD	1
9	Lifeytes India private limited	1
10	Orthoquant pvt.ltd	1
11	Phramadem	1
12	RedGreenBlue opc pvt.ltd	1
13	Shrikant Nanomaterials Research Pvt Ltd	1
14	Teora Life Science PVT LTD	2
15	Tridiagonal software PVT LTD	1
16	ZEUS NUMERIX PVT LTD	1
17	Nuclei Health	1
18	Camcom Technologies Pvt. Ltd	1
19	Grahaa Space	1
20	AJA Labs	1
21	Mahua Enterprises	1
22	Grapheme Labs Private Limited	1
23	Dashtoon	1



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24	Pinaca Technologies Pvt Ltd	1
25	Leapfrog Semiconductor PVT LTD	1
26	Difinative Technologies	1
	Total	30
SN	C-DAC Internal	
1	C-DAC Pune	57
2	C-DAC Bangalore	125
3	C-DAC Chennai	3
4	C-DAC Hyderabad	1
	Total	186

C. PARAM Utkarsh users created in April: 93

Users created	Organization	Comments
19 Accounts	MAHE	
sajit	Difinative Technologies	
anthony	ONGC	
30 Workshop Accounts	CDAC	COEP College Pune
72 Workshop Accounts	CDAC	C-HUK Bangalore and Silchar

Users deleted/reject	Organization	Comments
NONE		

D. Total number of Jobs: 7986

SN	Organization	No., of Jobs
01	External	3085
02	MSME	120
03	Workshop	670
04	Internal	4111
	Total	7986

E. PARAM Utkarsh Cluster status:

Total Number of Nodes: 26

SN	Node	Reserved
01	CPU*	20
02	GPU*	5
03	HM*	1

SN	Node	Reserved	Reservation ID	Duration
1	gpu002,hm038	2	aics_res	182-18:53:31
2	gpu[001,003]	2	coep_res	4-16:59:59



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3	cn[001-008,020-024,033,043,106-110],gpu[001,003]	22	nitk_res	
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- * 3 HM node reserved for DLI project.
- * 1 GPU and 1HM node reserved for NSM-AICS project.
- * 4 CPU nodes reserved for NSMCLOUD.
- * 1 CPU node reserved for IIT Madras.
- * 1 GPU and 1HM node reserved for Meghdoot project.
- * 2 GPU and 20 CPU nodes reserved for NITK Surathkal.

F. PARAM Utkarsh Revenue Generation total:

₹ 1478024

Organization	Amount	comments
Internal*	927336	Without GST
External	485192.64	Without GST
MSME	20072.88	Without GST
Workshop**	45422.88	Without GST
TOTAL	1478024	Without GST

Internal NSM Project*

- NSM Urban Modelling project
- A HPC software suite for seismic imaging to aid oil and gas exploration
- NSM – AICS (AI for Cybersecurity)
- Quantum Accelerator project

Workshop**

- Workshop at COEP college of Pune from 1st April 2024 to 5th April 2024.
- C-HUK project's capacity-building program at CDAC Bangalore and CDAC Silchar.

G. Industrial Visit

- BCA final year students from St. Francis College, Bangalore on 16 April 2024.
- B.TECH CSBS pre final year students from Rajalakshmi Institute of Technology, Chennai on 29 April 2024.