



**C1.2.1 Number of Certificates/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc.(where the students of institution have enrolled and successfully completed during the last five years)**

**AY-2022-23**

<b>SL.No</b>	<b>CONTENTS</b>
<b>1</b>	<b>Python coding with applications projects and solutions</b>
<b>2</b>	<b>Design and Development of Quadcopter UAV with Payload Delivery</b>
<b>3</b>	<b>Real-World Machine Learning Applications Development &amp; Deployment</b>
<b>4</b>	<b>Workshop On Internet Of Things</b>
<b>5</b>	<b>PCB Design and Fabrication Using Innovative Methods for Industrial Products</b>
<b>6</b>	<b>Induction Program-I</b>
<b>7</b>	<b>Induction Program-II</b>
<b>8</b>	<b>Recent advances &amp; Emerging Opportunities of Phytopharmaceuticals</b>
<b>9</b>	<b>Venom Pharmacology</b>



**Sir M. Visvesvaraya Institute of Technology, Bengaluru-562 157**

**Department of Mechanical Engineering**

**2022-23**

Sl No	Enrolled for SDP/Course/Nptel Swayam	Date	Number of Students enrolled for the course
1	Python coding with applications projects and solutions	01.12.2022 to 03.12.2022	90
2	Design and Development of Quadcopter UAV with Payload Delivery	15.12.2022 to 17.12.2022	32
3	Real-World Machine Learning Applications Development & Deployment	26.06.2023 to 30.06.2023	74
4	Siemens add on Course	14.03.2023 to 18.03.2023	12
5	Auto Desk Fusion 360	01.06.2023 to 18.07.2023	06

**PROFESSOR & HEAD**  
Department of Mechanical Engineering  
Sir M. Visvesvaraya Institute of Technology  
Bengaluru-562 157

**IQAC COORDINATOR**  
SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY  
BENGALURU - 562 157




**Department of Mechanical Engineering**  
**2022\_23**

Sl.No	USN	Student Name	Enrolled for SDP/course/Nptel Swayam	Date
1	1MV22AI002	Abhinav kumar	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
2	1MV22AI008	Aditya Kumar	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
3	1MV22AI009	Ahsham Ahmad	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
4	1MV22AI013	Arpitha H N	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
5	1MV22AI016	Bindushree B	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
6	1MV22AI021	Harsh Bablani	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
7	1MV22AI022	Harshit Raj	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
8	1MV22AI023	J Jerusha	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
9	1MV22AI028	Kundhuru Hemasree	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
10	1MV22AI031	Mansi	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
11	1MV22AI033	M D Owais	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
12	1MV22AI034	M D Sufyan	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
13	1MV22AI043	Priyanshu Tiwari	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023

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BENGALURU - 562 157

14	1MV22AI047	Rajeshwari	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
15	1MV22AI051	Sahana G S	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
16	1MV22AI053	Shambhavi	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
17	1MV22AI057	Sneha belavi	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
18	1MV22AI060	Tousif raj	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
19	1MV22EC008	Akchat raj	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
20	1MV22EC069	Lakshmi M S	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
21	1MV22EC094	Sahana T S	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
22	1MV22EC097	Sanjana R Sajjan	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
23	1MV22EC103	Sharath R	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
24	1MV22EC112	Suhas S Manjunath	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
25	1MV22EC126	Yuktha V	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
26	1MV22IS009	Amogh S	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
27	1MV22IS017	Arjun G	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
28	1MV22IS036	Heba asim	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
29	1MV22IS055	M krishna kaushik	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023

30	IMV21MC014	Harshitha K	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
31	IMV21MC044	Shiva sahani M	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
32	IMV21ME003	Aman K M	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
33	IMV21ME013	Kiran R	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
34	IMV21ME021	Pratistha tiwari	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
35	IMV21ME022	Sam paul jose	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
36	IMV21ME023	Shagnik bhattacharjee	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
37	IMV22ME403	Gaganeshwar S	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
38	IMV22ME405	Harshith gowda S	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
39	IMV22ME412	Ranjith H	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
40	IMV22ME415	Vikas B R	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
41	IMV20ME007	Anup nirmal abraham	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
42	IMV20ME008	Bharatha H S	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
43	IMV20ME011	Dev prakash pandey	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
44	IMV20ME016	Divya K	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
45	IMV20ME018	Jeevan kumar C R	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023



46	1MV20ME019	Karan rathore	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
47	1MV20ME020	Kishor kumar R	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
48	1MV20ME022	Lakshmisha R	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
49	1MV20ME025	Mayur Prakash	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
50	1MV20ME028	Pranoy jason dsouza	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
51	1MV20ME031	Rajeev K L	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
52	1MV20ME032	Rakesh N	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
53	1MV20ME033	Rishikesh	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
54	1MV20ME034	Sachin Agrawal	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
55	1MV20ME035	Shantaveer	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
56	1MV20ME036	Shoaib affan M	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
57	1MV20ME037	Shreyas belliappa K K	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
58	1MV20ME038	Srujan K	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
59	1MV21ME012	Khim bahadur sinjapati	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
60	1MV21ME401	Akshay kumar	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
61	1MV21ME403	Aravind C B	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023

62	1MV21ME407	Danesh Uppaladinni	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
63	1MV21ME410	Divakara Babu D S	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
64	1MV21ME423	Meena H E	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
65	1MV21ME425	M D Samiuddin	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
66	1MV21ME430	Pawan kumar D A	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
67	1MV21ME431	Puneeth J	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
68	1MV21ME432	Rakshita B	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
69	1MV21ME435	Sachin patil	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
70	1MV21ME438	Shiv kumar	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
71	1MV21ME443	Tejas S	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
72	1MV21ME447	Vijay kumar K R	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
73	1MV21ME448	Yashwanth M	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023
74	1MV21ME449	Yogesh G E	Real-world machine learning applications - development & deployment	26.06.2023-30.06.2023

Sl.No	USN	Student Name	Enrolled for SDP/course/Nptel Swayam	Date
1	1MV21ME022	Sam Paul Jose	Design and Development of quadcopter UAV with Payload Delivery	15.12.2022-17.12.2022
2	1MV21ME003	Aman k Modganakad	Design and Development of quadcopter UAV with Payload Delivery	15.12.2022-17.12.2022

3	1MV21ME020	Apratik akumar jha	Design and Development of quadcopter UAV with Payload Delivery	15.12.2022-17.12.2022
4	1MV21CS085	Sagar A	Design and Development of quadcopter UAV with Payload Delivery	15.12.2022-17.12.2022
5	1MV20ME033	Rishikesh	Design and Development of quadcopter UAV with Payload Delivery	15.12.2022-17.12.2022
6	1MV20ME017	Harish Varma	Design and Development of quadcopter UAV with Payload Delivery	15.12.2022-17.12.2022
7	1MV20ME034	Sachin Agarwal	Design and Development of quadcopter UAV with Payload Delivery	15.12.2022-17.12.2022
8	1MV20ME023	M S Praveen Sai	Design and Development of quadcopter UAV with Payload Delivery	15.12.2022-17.12.2022
9	1MV20ME007	Anup	Design and Development of quadcopter UAV with Payload Delivery	15.12.2022-17.12.2022
10	1MV20ME008	Bharatha H S	Design and Development of quadcopter UAV with Payload Delivery	15.12.2022-17.12.2022
11	1MV20ME038	Srujan K	Design and Development of quadcopter UAV with Payload Delivery	15.12.2022-17.12.2022
12	1MV20ME040	Sukshit	Design and Development of quadcopter UAV with Payload Delivery	15.12.2022-17.12.2022
13	1MV20ME006	Anirudh	Design and Development of quadcopter UAV with Payload Delivery	15.12.2022-17.12.2022
14	1MV20ME045	Vishwas	Design and Development of quadcopter UAV with Payload Delivery	15.12.2022-17.12.2022
15	1MV20ME018	Jeevan Kumar C R	Design and Development of quadcopter UAV with Payload Delivery	15.12.2022-17.12.2022
16	1MV20ME010	Bhuvaneshwara P	Design and Development of quadcopter UAV with Payload Delivery	15.12.2022-17.12.2022
17	1MV20ME024	Malikarjun	Design and Development of quadcopter UAV with Payload Delivery	15.12.2022-17.12.2022
18	1MV21ME409	Deepak Raju N	Design and Development of quadcopter UAV with Payload Delivery	15.12.2022-17.12.2022



19	IMV21ME431	Puneeth J	Design and Development of quadcopter UAV with Payload Delivery	15.12.2022-17.12.2022
20	IMV21ME406	Chethan K	Design and Development of quadcopter UAV with Payload Delivery	15.12.2022-17.12.2022
21	IMV21ME409	Reviteja	Design and Development of quadcopter UAV with Payload Delivery	15.12.2022-17.12.2022
22	IMV21ME419	Madhu J S	Design and Development of quadcopter UAV with Payload Delivery	15.12.2022-17.12.2022
23	IMV21ME407	Danesh Uppaldinni	Design and Development of quadcopter UAV with Payload Delivery	15.12.2022-17.12.2022
24	IMV21ME434	Risheek Kamble	Design and Development of quadcopter UAV with Payload Delivery	15.12.2022-17.12.2022
25	IMV21ME436	Sagar P Kallimadi	Design and Development of quadcopter UAV with Payload Delivery	15.12.2022-17.12.2022
26	IMV21ME427	Pavan Kumar D A	Design and Development of quadcopter UAV with Payload Delivery	15.12.2022-17.12.2022
27	IMV21ME424	Nitish Kumar M	Design and Development of quadcopter UAV with Payload Delivery	15.12.2022-17.12.2022
28	IMV21ME409	Pavan Kalmadi K A	Design and Development of quadcopter UAV with Payload Delivery	15.12.2022-17.12.2022
29	IMV21ME016	Kiran	Design and Development of quadcopter UAV with Payload Delivery	15.12.2022-17.12.2022
30	IMV21ME411	Guru Kiran	Design and Development of quadcopter UAV with Payload Delivery	15.12.2022-17.12.2022
31	IMV19ME029	Gokul Raju S M	Design and Development of quadcopter UAV with Payload Delivery	15.12.2022-17.12.2022
32	IMV19ME015	B S Sri Sumuka	Design and Development of quadcopter UAV with Payload Delivery	15.12.2022-17.12.2022

Sl.No	USN	Name	Name of SDP program	Date
1	IMV19ME031	M TINKU RAJKUMAR	python coding with applications projects & solutions	01.12.2022- 03.12.2022
2	IMV19ME010	BASAMMA	python coding with applications projects & solutions	01.12.2022- 03.12.2022

3	1MV20ME407	MAHESH AINAPURE	python coding with applications projects & solutions	01.12.2022- 03.12.2022
4	1MV20ME001	ABHILASH G S	python coding with applications projects & solutions	01.12.2022- 03.12.2022
5	1MV20ME002	ABHISHEK S	python coding with applications projects & solutions	01.12.2022- 03.12.2022
6	1MV20ME006	ANIRUDH B	python coding with applications projects & solutions	01.12.2022- 03.12.2022
7	1MV20ME009	BHASKAR M.L	python coding with applications projects & solutions	01.12.2022- 03.12.2022
8	1MV20ME012	DHANUSH.S	python coding with applications projects & solutions	01.12.2022- 03.12.2022
9	1MV20ME013	DHARSHAN YADAV K	python coding with applications projects & solutions	01.12.2022- 03.12.2022
10	1MV20ME015	DINESH M	python coding with applications projects & solutions	01.12.2022- 03.12.2022
11	1MV20ME016	DIVYA K	python coding with applications projects & solutions	01.12.2022- 03.12.2022
12	1MV20ME017	HARISH VERMA	python coding with applications projects & solutions	01.12.2022- 03.12.2022
13	1MV20ME018	JEEVANKUMAR C R	python coding with applications projects & solutions	01.12.2022- 03.12.2022
14	1MV20ME020	KISHOR KUMAR R	python coding with applications projects & solutions	01.12.2022- 03.12.2022
15	1MV20ME022	LAKSHMISHA R	python coding with applications projects & solutions	01.12.2022- 03.12.2022
16	1MV20ME023	M S PRAVEEN SAI	python coding with applications projects & solutions	01.12.2022- 03.12.2022
17	1MV20ME024	MALLIKARJUNA SAJJAN	python coding with applications projects & solutions	01.12.2022- 03.12.2022
18	1MV20ME026	NISHANTH KALYAN N	python coding with applications projects & solutions	01.12.2022- 03.12.2022
19	1MV20ME028	PRANOY JASON DSOUZA	python coding with applications projects & solutions	01.12.2022- 03.12.2022
20	1MV20ME031	RAJEEV K L	python coding with applications projects & solutions	01.12.2022- 03.12.2022
21	1MV20ME032	RAKESH N	python coding with applications projects & solutions	01.12.2022- 03.12.2022
22	1MV20ME033	RISHIKESH	python coding with applications projects & solutions	01.12.2022- 03.12.2022
23	1MV20ME034	SACHIN AGARWAL	python coding with applications projects & solutions	01.12.2022- 03.12.2022
24	1MV20ME035	SHANTAVEER	python coding with applications projects & solutions	01.12.2022- 03.12.2022
25	1MV20ME036	SHOAIB AFFAN M	python coding with applications projects & solutions	01.12.2022- 03.12.2022
26	1MV20ME037	SHREYAS BELLIAPPA K K	python coding with applications projects & solutions	01.12.2022- 03.12.2022



27	1MV20ME038	SRUJAN K	python coding with applications projects & solutions	01.12.2022-03.12.2022
28	1MV20ME039	SUHAS N M	python coding with applications projects & solutions	01.12.2022-03.12.2022
29	1MV20ME040	Sukshith vidyasagar shivalenkamath	python coding with applications projects & solutions	01.12.2022-03.12.2022
30	1MV20ME041	SURAJ CHAVAN	python coding with applications projects & solutions	01.12.2022-03.12.2022
31	1MV20ME043	VARUNA B	python coding with applications projects & solutions	01.12.2022-03.12.2022
32	1MV20ME044	VENKATESH	python coding with applications projects & solutions	01.12.2022-03.12.2022
33	1MV20ME045	VISHWAS RAO K	python coding with applications projects & solutions	01.12.2022-03.12.2022
34	1MV21ME400	AJAYKANTH G V	python coding with applications projects & solutions	01.12.2022-03.12.2022
35	1MV21ME403	ARAVIND CHANDRAKANTH BHUSE	python coding with applications projects & solutions	01.12.2022-03.12.2022
36	1MV21ME405	CHARAN KUMAR S	python coding with applications projects & solutions	01.12.2022-03.12.2022
37	1MV21ME406	CHETHAN K	python coding with applications projects & solutions	01.12.2022-03.12.2022
38	1MV21ME407	DANESH UPPALADINNI	python coding with applications projects & solutions	01.12.2022-03.12.2022
39	1MV21ME408	DARSHAN N	python coding with applications projects & solutions	01.12.2022-03.12.2022
40	1MV21ME409	DEEPAK RAJU N	python coding with applications projects & solutions	01.12.2022-03.12.2022
41	1MV21ME405	CHARAN KUMAR S	python coding with applications projects & solutions	01.12.2022-03.12.2022
42	1MV21ME410	DIVAKARABABU G S	python coding with applications projects & solutions	01.12.2022-03.12.2022
43	1MV21ME411	GURUKIRAN K	python coding with applications projects & solutions	01.12.2022-03.12.2022
44	1MV21ME412	HANISH N	python coding with applications projects & solutions	01.12.2022-03.12.2022
45	1MV21ME413	HAREESHA V A	python coding with applications projects & solutions	01.12.2022-03.12.2022
46	1MV21ME414	HARIHARAN S	python coding with applications projects & solutions	01.12.2022-03.12.2022
47	1MV21ME415	HEMANTH S	python coding with applications projects & solutions	01.12.2022-03.12.2022
48	1MV21ME416	KIRAN	python coding with applications projects & solutions	01.12.2022-03.12.2022
49	1MV21ME417	KOUSTUBHA VISHNU S	python coding with applications projects & solutions	01.12.2022-03.12.2022
50	1MV21ME418	M NITHISH KUMAR	python coding with applications projects & solutions	01.12.2022-03.12.2022

51	1MV21ME419	MADHU J S	python coding with applications projects & solutions	01.12.2022-03.12.2022
52	1MV21ME420	MAHANTHESHA M H	python coding with applications projects & solutions	01.12.2022-03.12.2022
53	1MV21ME421	MAHESH R	python coding with applications projects & solutions	01.12.2022-03.12.2022
54	1MV21ME423	MEENA H E	python coding with applications projects & solutions	01.12.2022-03.12.2022
55	1MV21ME424	MOHAMMED ADNAN SHARIFF	python coding with applications projects & solutions	01.12.2022-03.12.2022
56	1MV21ME425	MOHAMMED SAMI UDDIN	python coding with applications projects & solutions	01.12.2022-03.12.2022
57	1MV21ME426	NANDAN KUMAR N	python coding with applications projects & solutions	01.12.2022-03.12.2022
58	1MV21ME429	PAVAN KALMADI K A	python coding with applications projects & solutions	01.12.2022-03.12.2022
59	1MV21ME430	PAVAN KUMAR D A	python coding with applications projects & solutions	01.12.2022-03.12.2022
60	1MV21ME431	PUNEETH J	python coding with applications projects & solutions	01.12.2022-03.12.2022
61	1MV21ME432	RAKSHITHA B	python coding with applications projects & solutions	01.12.2022-03.12.2022
62	1MV21ME433	RAVITEJA B	python coding with applications projects & solutions	01.12.2022-03.12.2022
63	1MV21ME434	RISHEEK KAMBLE	python coding with applications projects & solutions	01.12.2022-03.12.2022
64	1MV21ME435	SACHIN PATIL	python coding with applications projects & solutions	01.12.2022-03.12.2022
65	1MV21ME436	SAGAR P KALLAPUR	python coding with applications projects & solutions	01.12.2022-03.12.2022
66	1MV21ME438	SHIV KUMAR	python coding with applications projects & solutions	01.12.2022-03.12.2022
67	1MV21ME439	SIRISHA S	python coding with applications projects & solutions	01.12.2022-03.12.2022
68	1MV21ME440	SUMEET HUGAR	python coding with applications projects & solutions	01.12.2022-03.12.2022
69	1MV21ME443	TEJAS S	python coding with applications projects & solutions	01.12.2022-03.12.2022
70	1MV21ME444	TEJESH D	python coding with applications projects & solutions	01.12.2022-03.12.2022
71	1MV21ME445	U SANDESH	python coding with applications projects & solutions	01.12.2022-03.12.2022
72	1MV21ME446	UMESH S	python coding with applications projects & solutions	01.12.2022-03.12.2022
73	1MV21ME447	VIJAYA KUMAR K R	python coding with applications projects & solutions	01.12.2022-03.12.2022
74	1MV21ME448	YASHWANTH M	python coding with applications projects & solutions	01.12.2022-03.12.2022

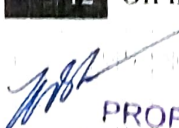


75	IMV21ME449	YOGESH G E	python coding with applications projects & solutions	01.12.2022-03.12.2022
76	IMV21ME450	YOGESH H K	python coding with applications projects & solutions	01.12.2022-03.12.2022
77	IMV21ME003	AMAN KISHOR MADGAONKAR	python coding with applications projects & solutions	01.12.2022-03.12.2022
78	IMV21ME008	ARUN	python coding with applications projects & solutions	01.12.2022-03.12.2022
79	IMV21ME010	K R PRATHISH	python coding with applications projects & solutions	01.12.2022-03.12.2022
80	IMV21ME012	KHIM BAHADUR SINJAPATI	python coding with applications projects & solutions	01.12.2022-03.12.2022
81	IMV21ME013	KIRAN R	python coding with applications projects & solutions	01.12.2022-03.12.2022
82	IMV21ME018	POORNA CHANDRA TEJASVI S	python coding with applications projects & solutions	01.12.2022-03.12.2022
83	IMV21ME022	SAM PAUL JOSE	python coding with applications projects & solutions	01.12.2022-03.12.2022
84	IMV21ME023	SHAGNIK BHATTACHARJEE	python coding with applications projects & solutions	01.12.2022-03.12.2022
85	IMV21ME025	SUDARSHAN R	python coding with applications projects & solutions	01.12.2022-03.12.2022
86	IMV21ME026	SURYA K C	python coding with applications projects & solutions	01.12.2022-03.12.2022
87	IMV21ME027	SUVINEETH A	python coding with applications projects & solutions	01.12.2022-03.12.2022
88	IMV21ME028	TANMAY PATHAK	python coding with applications projects & solutions	01.12.2022-03.12.2022
89	IMV21ME029	VARUN R	python coding with applications projects & solutions	01.12.2022-03.12.2022
90	IMV21ME030	VIKASA M	python coding with applications projects & solutions	01.12.2022-03.12.2022

Sl.No	USN	STUDENT NAME	Enrolled for SDP/Course/ etc	Date
1	IMV20ME008	Bharatha H S	Auto Desk Fusion 360	01.06.2023- 10.07.2023
2	IMV20ME024	Mallikarjan Sajjan	Auto Desk Fusion 360	01.06.2023- 10.07.2023
3	IMV20ME025	Mayur Prakash	Auto Desk Fusion 360	01.06.2023- 10.07.2023
4	IMV20ME044	Venkatesh	Auto Desk Fusion 360	01.06.2023- 10.07.2023
5	IMV21ME440	Sumeet Hugar	Auto Desk Fusion 360	01.06.2023- 10.07.2023
6	IMV20ME006	Anup Nirmal Abraham	Auto Desk Fusion 360	01.06.2023- 10.07.2023

Sl.No	USN	STUDENT NAME	Enrolled for SDP/Course/ etc	Date
1	IMV20ME400	Balaraju k	Student Training program on NX-CAD/CAM/CAE	14.03.2023- 18.03.2023
2	IMV20ME401	Bharath t s	Student Training program on NX-CAD/CAM/CAE	14.03.2023- 18.03.2023
3	IMV20ME402	Chandru kumar H V	Student Training program on NX-CAD/CAM/CAE	14.03.2023- 18.03.2023
4	IMV20ME403	Drakshayini	Student Training program on NX-CAD/CAM/CAE	14.03.2023- 18.03.2023
5	IMV20ME404	Ekanth p mohithe	Student Training program on NX-CAD/CAM/CAE	14.03.2023- 18.03.2023
6	IMV20ME405	Kanteppa	Student Training program on NX-CAD/CAM/CAE	14.03.2023- 18.03.2023
7	IMV20ME406	Keerthi d	Student Training program on NX-CAD/CAM/CAE	14.03.2023- 18.03.2023
8	IMV20ME407	Mahesh ainapure	Student Training program on NX-CAD/CAM/CAE	14.03.2023- 18.03.2023
9	IMV20ME408	Premasagar g	Student Training program on NX-CAD/CAM/CAE	14.03.2023- 18.03.2023
10	IMV20ME409	Puneeth n	Student Training program on NX-CAD/CAM/CAE	14.03.2023- 18.03.2023
11	IMV20ME410	Rajath h v	Student Training program on NX-CAD/CAM/CAE	14.03.2023- 18.03.2023
12	IMV20ME411	Vamshi v	Student Training program on NX-CAD/CAM/CAE	14.03.2023- 18.03.2023

12 Off International Airport Road, Hunasamaranahalli, Bengaluru North - 562157

  
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 Department of Mechanical Engineering  
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 Bengaluru-562 157

  
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 Bengaluru-562 157



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**Bengaluru-562157**

**Department of Computer Science & Engineering**

**2022-23**

Sl. No.	Name of SDP	Date(From-to)	Number of students enrolled for the Course
1	Workshop On IoT	11-04-23 to 13-04-23	116

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**Hunasamaranahalli, Off International Airport Road,**  
**Bangalore-562157.**





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Bengaluru-562157

**Department of Computer Science & Engineering**

**2022-23**

Sl.No	USN	STUDENT NAME	Enrolled for SDP	Date( from and to)
1	1MV19CS001	AAKASH TYAGI	Workshop On IoT	11-04-23 to 13-04-23
2	1MV19CS002	ABHIGYAN SINGH	Workshop On IoT	11-04-23 to 13-04-23
3	1MV19CS003	ABHISHEK SINGH	Workshop On IoT	11-04-23 to 13-04-23
4	1MV19CS004	ADARSH SANGAM	Workshop On IoT	11-04-23 to 13-04-23
5	1MV19CS005	ADARSHA S V	Workshop On IoT	11-04-23 to 13-04-23
6	1MV19CS006	ADITI SINGH	Workshop On IoT	11-04-23 to 13-04-23
7	1MV19CS007	ADITYA	Workshop On IoT	11-04-23 to 13-04-23
8	1MV19CS008	AKARSH MISHRA	Workshop On IoT	11-04-23 to 13-04-23
9	1MV19CS009	AKARSH N	Workshop On IoT	11-04-23 to 13-04-23
10	1MV19CS010	AKHIL S	Workshop On IoT	11-04-23 to 13-04-23
11	1MV19CS011	ALVAKONDA KRISHNA SAI	Workshop On IoT	11-04-23 to 13-04-23
12	1MV19CS012	AMITH G	Workshop On IoT	11-04-23 to 13-04-23
13	1MV19CS013	ANANYA PRIYA	Workshop On IoT	11-04-23 to 13-04-23
14	1MV19CS016	ANURAG YADAV	Workshop On IoT	11-04-23 to 13-04-23
15	1MV19CS017	ANUSHA GUPTA	Workshop On IoT	11-04-23 to 13-04-23
16	1MV19CS018	ANUSHKA AMAN	Workshop On IoT	11-04-23 to 13-04-23
17	1MV19CS020	ARATHI M	Workshop On IoT	11-04-23 to 13-04-23
18	1MV19CS021	ARAVIND GUDAPATI	Workshop On IoT	11-04-23 to 13-04-23
19	1MV19CS022	ARJUN A	Workshop On IoT	11-04-23 to 13-04-23
20	1MV19CS023	ARJUN GARG	Workshop On IoT	11-04-23 to 13-04-23

  
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# Sir M Visvesvaraya Institute of Technology, Bangalore



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### Department of Computer Science & Engineering

2022-23

Sl.No	USN	STUDENT NAME	Enrolled for SDP	Date( from and to)
1	1MV19CS001	AAKASH TYAGI	Workshop On IoT	11-04-23 to 13-04-23
2	1MV19CS002	ABHIGYAN SINGH	Workshop On IoT	11-04-23 to 13-04-23
3	1MV19CS003	ABHISHEK SINGH	Workshop On IoT	11-04-23 to 13-04-23
4	1MV19CS004	ADARSH SANGAM	Workshop On IoT	11-04-23 to 13-04-23
5	1MV19CS005	ADARSHA S V	Workshop On IoT	11-04-23 to 13-04-23
6	1MV19CS006	ADITI SINGH	Workshop On IoT	11-04-23 to 13-04-23
7	1MV19CS007	ADITYA	Workshop On IoT	11-04-23 to 13-04-23
8	1MV19CS008	AKARSH MISHRA	Workshop On IoT	11-04-23 to 13-04-23
9	1MV19CS009	AKARSH N	Workshop On IoT	11-04-23 to 13-04-23
10	1MV19CS010	AKHIL S	Workshop On IoT	11-04-23 to 13-04-23
11	1MV19CS011	ALVAKONDA KRISHNA SAI	Workshop On IoT	11-04-23 to 13-04-23
12	1MV19CS012	AMITH G	Workshop On IoT	11-04-23 to 13-04-23
13	1MV19CS013	ANANYA PRIYA	Workshop On IoT	11-04-23 to 13-04-23
14	1MV19CS016	ANURAG YADAV	Workshop On IoT	11-04-23 to 13-04-23
15	1MV19CS017	ANUSHA GUPTA	Workshop On IoT	11-04-23 to 13-04-23
16	1MV19CS018	ANUSHKA AMAN	Workshop On IoT	11-04-23 to 13-04-23
17	1MV19CS020	ARATHI M	Workshop On IoT	11-04-23 to 13-04-23
18	1MV19CS021	ARAVIND GUDAPATI	Workshop On IoT	11-04-23 to 13-04-23
19	1MV19CS022	ARJUN A	Workshop On IoT	11-04-23 to 13-04-23
20	1MV19CS023	ARJUN GARG	Workshop On IoT	11-04-23 to 13-04-23

*[Signature]*

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*[Signature]*

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**Department of Computer Science & Engineering**

**2022-23**

Sl.No	USN	STUDENT NAME	Enrolled for SDP	Date( from and to)
21	1MV19CS024	ARPIT DUTT DIXIT	Workshop On IoT	11-04-23 to 13-04-23
22	1MV19CS025	ARTHIK SHETTY	Workshop On IoT	11-04-23 to 13-04-23
23	1MV19CS027	AYSIRI CHIDANANDA	Workshop On IoT	11-04-23 to 13-04-23
24	1MV19CS030	B AMAAN AHMED	Workshop On IoT	11-04-23 to 13-04-23
25	1MV19CS031	BADAL RATHI	Workshop On IoT	11-04-23 to 13-04-23
26	1MV19CS032	BHARGAVI	Workshop On IoT	11-04-23 to 13-04-23
27	1MV19CS033	BHAVANA BHASKAR HEGDE	Workshop On IoT	11-04-23 to 13-04-23
28	1MV19CS034	C CHITHRA LEKHA	Workshop On IoT	11-04-23 to 13-04-23
29	1MV19CS035	CHAITANYA KRISHNA PEDDI	Workshop On IoT	11-04-23 to 13-04-23
30	1MV19CS036	CHAMARTHI OM NAGA SAI MANI PAVAN	Workshop On IoT	11-04-23 to 13-04-23
31	1MV19CS038	CHANDRASHEKAR	Workshop On IoT	11-04-23 to 13-04-23
32	1MV19CS039	CHINMAYI	Workshop On IoT	11-04-23 to 13-04-23
33	1MV19CS040	DIVYA DRISHTI	Workshop On IoT	11-04-23 to 13-04-23
34	1MV19CS041	EKANT	Workshop On IoT	11-04-23 to 13-04-23
35	1MV19CS042	G SATISH	Workshop On IoT	11-04-23 to 13-04-23
36	1MV19CS043	GANNE BHANUTEJA	Workshop On IoT	11-04-23 to 13-04-23
37	1MV19CS044	GAURAV KUMAR	Workshop On IoT	11-04-23 to 13-04-23
38	1MV19CS045	GAURAV V SALGAONKAR	Workshop On IoT	11-04-23 to 13-04-23
39	1MV19CS046	GORLA VANDANA	Workshop On IoT	11-04-23 to 13-04-23
40	1MV19CS047	HARIPRIYA DG	Workshop On IoT	11-04-23 to 13-04-23





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**Department of Computer Science & Engineering**

**2022-23**

Sl.No	USN	STUDENT NAME	Enrolled for SDP	Date( from and to)
41	1MV19CS048	HARSHINI C M	Workshop On IoT	11-04-23 to 13-04-23
42	1MV19CS049	HARSHLEEN KAUR	Workshop On IoT	11-04-23 to 13-04-23
43	1MV19CS050	HITESH A	Workshop On IoT	11-04-23 to 13-04-23
44	1MV19CS051	INDU J A	Workshop On IoT	11-04-23 to 13-04-23
45	1MV19CS052	ISHAN PATNI	Workshop On IoT	11-04-23 to 13-04-23
46	1MV19CS053	JYOTSNA A PATEL	Workshop On IoT	11-04-23 to 13-04-23
47	1MV19CS054	K KANCHANA	Workshop On IoT	11-04-23 to 13-04-23
48	1MV19CS055	K KAVYA	Workshop On IoT	11-04-23 to 13-04-23
49	1MV19CS056	KAVITA BASAPPA MELMARI	Workshop On IoT	11-04-23 to 13-04-23
50	1MV19CS057	KAVYA N	Workshop On IoT	11-04-23 to 13-04-23
51	1MV19CS058	KRATIK SINGHAL	Workshop On IoT	11-04-23 to 13-04-23
52	1MV19CS060	KUNAL TAPSE	Workshop On IoT	11-04-23 to 13-04-23
53	1MV19CS061	KURUBA GEETHIKA	Workshop On IoT	11-04-23 to 13-04-23
54	1MV19CS062	KUSHAL S K	Workshop On IoT	11-04-23 to 13-04-23
55	1MV19CS064	M R HARIKRISHNA	Workshop On IoT	11-04-23 to 13-04-23
56	1MV19CS065	M S SUDHIR SRINIVAS	Workshop On IoT	11-04-23 to 13-04-23
57	1MV19CS066	M SHREYA	Workshop On IoT	11-04-23 to 13-04-23
58	1MV19CS070	MOHAMMED AMMAR AHMED TAHA	Workshop On IoT	11-04-23 to 13-04-23
59	1MV19CS072	MOHITH AN	Workshop On IoT	11-04-23 to 13-04-23
60	1MV19CS073	MONIKA N	Workshop On IoT	11-04-23 to 13-04-23



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**Department of Computer Science & Engineering**

2022-23

Sl.No	USN	STUDENT NAME	Enrolled for SDP	Date( from and to)
61	1MV19CS074	MUKUND PAREEK	Workshop On IoT	11-04-23 to 13-04-23
62	1MV19CS075	NANDAN R	Workshop On IoT	11-04-23 to 13-04-23
63	1MV19CS076	NIDHI R SHETTY	Workshop On IoT	11-04-23 to 13-04-23
64	1MV19CS077	NIHARIKA S	Workshop On IoT	11-04-23 to 13-04-23
65	1MV19CS078	NIRMAL SINGH	Workshop On IoT	11-04-23 to 13-04-23
66	1MV19CS079	NISHANTH R	Workshop On IoT	11-04-23 to 13-04-23
67	1MV19CS080	PABBATHI JAHNAVI	Workshop On IoT	11-04-23 to 13-04-23
68	1MV19CS081	PAVITRA RAMACHANDRA GOUDA	Workshop On IoT	11-04-23 to 13-04-23
69	1MV19CS082	PIYUSH VERMA	Workshop On IoT	11-04-23 to 13-04-23
70	1MV19CS084	PRAJWAL	Workshop On IoT	11-04-23 to 13-04-23
71	1MV19CS085	PRAKHAR	Workshop On IoT	11-04-23 to 13-04-23
72	1MV19CS087	PRUTHVI R	Workshop On IoT	11-04-23 to 13-04-23
73	1MV19CS088	PRUTHVIKA S	Workshop On IoT	11-04-23 to 13-04-23
74	1MV19CS089	R CHARAN KUMAR REDDY	Workshop On IoT	11-04-23 to 13-04-23
75	1MV19CS091	RAYANNAGARI SREEHARI	Workshop On IoT	11-04-23 to 13-04-23
76	1MV19CS092	REHAN NADEEMULLA	Workshop On IoT	11-04-23 to 13-04-23
77	1MV19CS093	RISHITA GOYAL	Workshop On IoT	11-04-23 to 13-04-23
78	1MV19CS094	SAMPAT KUNDANAGAR	Workshop On IoT	11-04-23 to 13-04-23
79	1MV19CS096	SATYAM SHREE	Workshop On IoT	11-04-23 to 13-04-23
80	1MV19CS097	SAYAN SADHUKHA	Workshop On IoT	11-04-23 to 13-04-23



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**Department of Computer Science & Engineering**

**2022-23**

Sl.No	USN	STUDENT NAME	Enrolled for SDP	Date( from and to)
81	1MV19CS098	SERENE JOSHI	Workshop On IoT	11-04-23 to 13-04-23
82	1MV19CS099	SHARANYA C H	Workshop On IoT	11-04-23 to 13-04-23
83	1MV19CS100	SHAURYAM JAIN	Workshop On IoT	11-04-23 to 13-04-23
84	1MV19CS101	SHIVA SHARANYA S	Workshop On IoT	11-04-23 to 13-04-23
85	1MV19CS102	SHREY RAJ	Workshop On IoT	11-04-23 to 13-04-23
86	1MV19CS103	SHREYA RAJ	Workshop On IoT	11-04-23 to 13-04-23
87	1MV19CS104	SIDHANT KAUL	Workshop On IoT	11-04-23 to 13-04-23
88	1MV19CS105	SIIVEI KS	Workshop On IoT	11-04-23 to 13-04-23
89	1MV19CS106	SUDHIKSHA R	Workshop On IoT	11-04-23 to 13-04-23
90	1MV19CS107	SUHAS M	Workshop On IoT	11-04-23 to 13-04-23
91	1MV19CS108	SUMIT JHA	Workshop On IoT	11-04-23 to 13-04-23
92	1MV19CS109	SUNDER SINGH	Workshop On IoT	11-04-23 to 13-04-23
93	1MV19CS110	SUSMITA DEBNATH	Workshop On IoT	11-04-23 to 13-04-23
94	1MV19CS111	TADIKONDA HARSHITHA	Workshop On IoT	11-04-23 to 13-04-23
95	1MV19CS112	TANYA P BOBICHAN	Workshop On IoT	11-04-23 to 13-04-23
96	1MV19CS113	TEJASVI KANNAN	Workshop On IoT	11-04-23 to 13-04-23
97	1MV19CS114	THEJA K V	Workshop On IoT	11-04-23 to 13-04-23
98	1MV19CS115	THIPPANNAGARI THARUN KUMAR REDDY	Workshop On IoT	11-04-23 to 13-04-23
99	1MV19CS118	VARTIKA SHARMA	Workshop On IoT	11-04-23 to 13-04-23
100	1MV19CS120	VATHSALA R S	Workshop On IoT	11-04-23 to 13-04-23





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Bengaluru-562157

**Department of Computer Science & Engineering**

**2022-23**

Sl.No	USN	STUDENT NAME	Enrolled for SDP	Date( from and to)
101	1MV19CS121	VATSAL JAIN	Workshop On IoT	11-04-23 to 13-04-23
102	1MV19CS123	VIKYATH SHETTY	Workshop On IoT	11-04-23 to 13-04-23
103	1MV19CS124	VINAYAKA BV	Workshop On IoT	11-04-23 to 13-04-23
104	1MV19CS125	VISHAL N M	Workshop On IoT	11-04-23 to 13-04-23
105	1MV19CS126	VIVEKANANDA SWAMI KALMAT	Workshop On IoT	11-04-23 to 13-04-23
106	1MV19CS127	VYLERI KZEKHE SHANTHANU	Workshop On IoT	11-04-23 to 13-04-23
107	1MV19CS128	YASHASWINI S	Workshop On IoT	11-04-23 to 13-04-23
108	1MV19CS129	YASHWANTH L NALLA	Workshop On IoT	11-04-23 to 13-04-23
109	1MV19CS130	YOGESH R BHANGIGOUDRA	Workshop On IoT	11-04-23 to 13-04-23
110	1MV20CS400	ABHISHEK	Workshop On IoT	11-04-23 to 13-04-23
111	1MV20CS401	KARTHICK PM	Workshop On IoT	11-04-23 to 13-04-23
112	1MV20CS403	MADHUSHREE N	Workshop On IoT	11-04-23 to 13-04-23
113	1MV20CS407	NANDINI	Workshop On IoT	11-04-23 to 13-04-23
114	1MV20CS408	PRIYA GB	Workshop On IoT	11-04-23 to 13-04-23
115	1MV20CS409	RAKESH GR	Workshop On IoT	11-04-23 to 13-04-23
116	1MV20CS410	RANJITHA SM	Workshop On IoT	11-04-23 to 13-04-23

  
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DEPARTMENT OF COMPUTER SCIENCE & ENGG  
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Hunasamaranahalli, Off International Air Port Road,  
Bangalore-562157.





Sri Krishnadevaraya Educational Trust  
Sir M. Visvesvaraya Institute of Technology, Bengaluru-562 157

1.2.1 Number of Add on /Certificate programs offered during the last five years

2022-23								
Sl.No	Name of Add on /Certificate programs offered	Year of offering	No. of times offered during the same year	Duration of course	Number of students enrolled in the year	Number of Students completing the course in the year	Documents Available.	Name of department
1	PCB Design and Fabrication Using Innovative Methods for Industrial Products	08.11.2022 to 10.11.2022	1	30 Hrs	57	57	Yes	Electronics And Communication Engineering

Head of the Department  
Electronics & Communications Engineering  
Sir M VIIT Bangalore 562 157







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**Department of Electronics and Communication Engineering**

**2022\_2023**

Sl. No.	USN	STUDENT NAME	Enrolled for SDP/Course/ /Nptel Swayam etc	Date ( from and to)
1	1MV20EC038	Raghava Rakshith	PCB Design and Fabrication Using Innovative Methods for Industrial Products	08.11.2022 to 10.11.2022
2	1MV21EC001	A Shreya		
3	1MV20EC003	Abhishek		
4	1MV20EC080	Anjana Madhavan		
5	1MV21EC024	Bhaskar Mondal		
6	1MV20EC072	Bhaskar Reddy		
7	1MV21EC402	D Mehaboob Alum		
8	1MV21EC028	Danesh Khyadi		
9	1MV20EC040	Deepthi		
10	1MV20EC045	Dileep G C		
11	1MV20EC047	G Pavithran		
12	1MV20EC048	Gagana R		
13	1MV20EC051	Girishreddy B		
14	1MV21EC403	Gulam Gouse		
15	1MV20EC059	Kamyashree T		
16	1MV20EC063	Krishna Upadhyay		
17	1MV20EC064	Lakshitha G		
18	1MV20EC066	Lavanya P		
19	1MV20EC069	Likitha.P		
20	1MV20EC075	Mihir Kumar Sharma		
21	1MV21EC048	Mithil		
22	1MV20EC077	Mohith G S		
23	1MV20EC080	Monish.M		
24	1MV21EC051	Muttu Naik		
25	1MV21EC052	N Nandish		
26	1MV20EC081	Nachiketh Kv		
27	1MV20EC126	Niranjana Sridhar		
28	1MV21EC059	Nithin Kumar		
29	1MV20EC085	Pavan Tej P S		
30	1MV20EC088	Prachi Sawarn		
31	1MV20EC089	Pranav Raj		
32	1MV21EC069	Preetham P M		
33	1MV20EC090	Priyanshu Harsha		
34	1MV20ET021	Priyanshu Sahay		
35	1MV20EC127	R Shanmukha Srinivas		
36	1MV20EC096	Rishabh Sharma		



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37	1MV21EC002	Rishi		
38	1MV20EC098	Ritik Kumar Dubey		
39	1MC20EC099	Rituraj Singh		
40	1MV20EC101	Rohith G		
41	1MV20EC106	Sheik Tanzeem		
42	1MV21EC094	Shrutik R Chandavar		
43	1MV20EC109	Shubhradeep Das		
44	1MV20EC112	Siddhartha Kumar		
45	1MV20EC037	Sravan Varma		
46	1MV20EC115	Subramaniam G		
47	1MV20EC116	Sudheendra S Kulkarni		
48	1MV21EC105	Suhas Kattimani		
49	1MV20EC117	Sushant Kumar		
50	1MV21EC409	Tejaswini K		
51	1MV20EC119	Tushar Yadav		
52	1MV20EC120	Ujjwal Kumar		
53	1MV20EC123	Varshikha KV		
54	1MV20EC124	Vikas Benal		
55	1MV21EC119	Vikas Vishwakarma		
56	1MV21EC121	Vinith Shetty		
57	1MV21EC123	Yash Raj		



SIR M.VISVESVARAYA INSTITUTE OF TECHNOLOGY  
Bengaluru-562157

Department of Basic science

2022-2023

Sl. No.	Name of SDP/Add on Program /Nptel/Swayam	Date (From-to)	Number of students enrolled for the Course
1	Induction program	01.12.2022 to 30.12.2022	690
2	Induction program	05.06.2023 to 24.06.2023	690

HEAD

Department of Physics  
Sir M. Visvesvaraya Institute of Technology  
Bangalore - 562 157.

Dr. G. M. KRISHNAIAH Ph.D  
Professor & HOD of Chemistry  
Sir M. Visvesvaraya Institute of  
Technology, Bengaluru-562 157



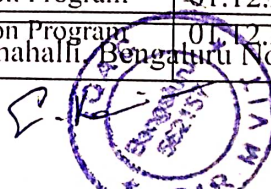


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**Sir M. Visvesvaraya Institute of Technology, Bengaluru-562 157**

**Department of Basic Science 2022-23**

SL No	USN	STUDENT NAME	Enrolled for SDP/Course / etc	Date
1	1MV22EC001	ABHILASH G	Induction Program	01.12.2022 - 30.12.2022
2	1MV22EC002	ABHISHEK ANAND	Induction Program	01.12.2022 - 30.12.2022
3	1MV22EC003	ADITYA KUMAR TIWARY	Induction Program	01.12.2022 - 30.12.2022
4	1MV22EC004	ADITYA RAJ	Induction Program	01.12.2022 - 30.12.2022
5	1MV22EC005	ADVITIYA PANDEY	Induction Program	01.12.2022 - 30.12.2022
6	1MV22EC006	AJAY M S	Induction Program	01.12.2022 - 30.12.2022
7	1MV22EC007	AJITH GOWDA	Induction Program	01.12.2022 - 30.12.2022
8	1MV22EC008	AKCHAT RAJ	Induction Program	01.12.2022 - 30.12.2022
9	1MV22EC009	AKRITI ANAND	Induction Program	01.12.2022 - 30.12.2022
10	1MV22EC010	AKSHAY KOLLI	Induction Program	01.12.2022 - 30.12.2022
11	1MV22EC011	ALOK KUMAR GUPTA	Induction Program	01.12.2022 - 30.12.2022
12	1MV22EC012	AMAN DEEP	Induction Program	01.12.2022 - 30.12.2022
13	1MV22EC013	AMMAARAH JAMEEL	Induction Program	01.12.2022 - 30.12.2022
14	1MV22EC014	AMOGH CHANNAMALLAPP A UGARGOL	Induction Program	01.12.2022 - 30.12.2022
15	1MV22EC015	ANANYA B C	Induction Program	01.12.2022 - 30.12.2022
16	1MV22EC016	ANANYA B V	Induction Program	01.12.2022 - 30.12.2022
17	1MV22EC017	ANISHA SHANDILYA	Induction Program	01.12.2022 - 30.12.2022
18	1MV22EC018	ANJALI KUMARI	Induction Program	01.12.2022 - 30.12.2022
19	1MV22EC019	ANJU VK	Induction Program	01.12.2022 - 30.12.2022
20	1MV22EC020	ANKIT KUMAR	Induction Program	01.12.2022 - 30.12.2022
21	1MV22EC021	ANKIT SINGH	Induction Program	01.12.2022 - 30.12.2022
22	1MV22EC022	ASHISH NARAYAN	Induction Program	01.12.2022 - 30.12.2022
23	1MV22EC023	AYUSH B A	Induction Program	01.12.2022 - 30.12.2022
24	1MV22EC024	BHARGAV M R	Induction Program	01.12.2022 - 30.12.2022
25	1MV22EC025	BHAVESH P	Induction Program	01.12.2022 - 30.12.2022
26	1MV22EC026	BHOOMIKA D	Induction Program	01.12.2022 - 30.12.2022
27	1MV22EC027	BHOOMIKA H M	Induction Program	01.12.2022 - 30.12.2022
28	1MV22EC028	BHUMIKA S	Induction Program	01.12.2022 - 30.12.2022
29	1MV22EC029	C H KUSHAL	Induction Program	01.12.2022 - 30.12.2022
30	1MV22EC030	C PREETHAM	Induction Program	01.12.2022 - 30.12.2022
31	1MV22EC031	CHAITHANYA H M	Induction Program	01.12.2022 - 30.12.2022
32	1MV22EC032	CHAITHRA K	Induction Program	01.12.2022 - 30.12.2022
33	1MV22EC033	CHAITRA HEGDE	Induction Program	01.12.2022 - 30.12.2022
34	1MV22EC034	CHANDAN S	Induction Program	01.12.2022 - 30.12.2022
35	1MV22EC035	CHANDANA J P	Induction Program	01.12.2022 - 30.12.2022
36	1MV22EC036	CHANDANA M	Induction Program	01.12.2022 - 30.12.2022
37	1MV22EC037	CHANDRAMOWLI G N	Induction Program	01.12.2022 - 30.12.2022

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Department of Physics  
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**Department of Basic Science 2022-23**

34	1MV22EC034	CHANDAN S	Induction Program	01.12.2022 - 30.12.2022
35	1MV22EC035	CHANDANA J P	Induction Program	01.12.2022 - 30.12.2022
36	1MV22EC036	CHANDANA M	Induction Program	01.12.2022 - 30.12.2022
37	1MV22EC037	CHANDRAMOWLI G N	Induction Program	01.12.2022 - 30.12.2022
38	1MV22EC038	CHARAN KUMAR T	Induction Program	01.12.2022 - 30.12.2022
39	1MV22EC039	CHARAN YADAV D	Induction Program	01.12.2022 - 30.12.2022
40	1MV22EC040	CHITHRA V	Induction Program	01.12.2022 - 30.12.2022
41	1MV22EC041	DARSHAN MAHESH NAIK	Induction Program	01.12.2022 - 30.12.2022
42	1MV22EC042	DEEKSHITA REDDY P	Induction Program	01.12.2022 - 30.12.2022
43	1MV22EC043	DEVANSHU KUMAR	Induction Program	01.12.2022 - 30.12.2022
44	1MV22EC044	DHARSHAN K	Induction Program	01.12.2022 - 30.12.2022
45	1MV22EC045	DHRUV BAKSHI	Induction Program	01.12.2022 - 30.12.2022
46	1MV22EC046	DHRUV KUMAR	Induction Program	01.12.2022 - 30.12.2022
47	1MV22EC047	DISHA K M	Induction Program	01.12.2022 - 30.12.2022
48	1MV22EC048	DIVYA K H	Induction Program	01.12.2022 - 30.12.2022
49	1MV22EC049	DURGA PRASAD S	Induction Program	01.12.2022 - 30.12.2022
50	1MV22EC050	GANESH K	Induction Program	01.12.2022 - 30.12.2022
51	1MV22EC051	GANESH KOUSHIK R	Induction Program	01.12.2022 - 30.12.2022
52	1MV22EC052	GAURAV TIWARI	Induction Program	01.12.2022 - 30.12.2022
53	1MV22EC053	GURIJALA LOKESWARA REDDY	Induction Program	01.12.2022 - 30.12.2022
54	1MV22EC054	HANSIKHA VENKATESH	Induction Program	01.12.2022 - 30.12.2022
55	1MV22EC055	HARIOM	Induction Program	01.12.2022 - 30.12.2022
56	1MV22EC056	HARSHITH G K	Induction Program	01.12.2022 - 30.12.2022
57	1MV22EC057	HARSHITHA BHARADWAJ V	Induction Program	01.12.2022 - 30.12.2022
58	1MV22EC058	HIMANSH NATRAJIAH	Induction Program	01.12.2022 - 30.12.2022
59	1MV22EC059	HITAISH NATRAJIAH	Induction Program	01.12.2022 - 30.12.2022
60	1MV22EC060	HRITICK KUMAR	Induction Program	01.12.2022 - 30.12.2022
61	1MV22EC061	ISHA KUMARI	Induction Program	01.12.2022 - 30.12.2022
62	1MV22EC062	J CHARITHA	Induction Program	01.12.2022 - 30.12.2022
63	1MV22EC063	KANCHAN KUMARI	Induction Program	01.12.2022 - 30.12.2022
64	1MV22EC064	KAUSHIK RAJ	Induction Program	01.12.2022 - 30.12.2022





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**Department of Basic Science 2022-23**

65	1MV22EC065	KAVYASHREE H N	Induction Program	01.12.2022 - 30.12.2022
66	1MV22EC066	KIRAN KARTHIK M S	Induction Program	01.12.2022 - 30.12.2022
67	1MV22EC067	KISHOR V	Induction Program	01.12.2022 - 30.12.2022
68	1MV22EC068	KOUSHANU DUTTA	Induction Program	01.12.2022 - 30.12.2022
69	1MV22EC069	LAKSHMI M S	Induction Program	01.12.2022 - 30.12.2022
70	1MV22EC070	LALEMASHAK	Induction Program	01.12.2022 - 30.12.2022
71	1MV22EC071	LATHASHREE M	Induction Program	01.12.2022 - 30.12.2022
72	1MV22EC072	MAHADEV M S	Induction Program	01.12.2022 - 30.12.2022
73	1MV22EC073	MANING KANTHI	Induction Program	01.12.2022 - 30.12.2022
74	1MV22EC074	MANISH ADITIYA GUPTA	Induction Program	01.12.2022 - 30.12.2022
75	1MV22EC075	MANSI KUMARI	Induction Program	01.12.2022 - 30.12.2022
76	1MV22EC076	MANSI M PRABHU	Induction Program	01.12.2022 - 30.12.2022
77	1MV22EC077	MANYATA	Induction Program	01.12.2022 - 30.12.2022
78	1MV22EC078	MARSAL SOREN	Induction Program	01.12.2022 - 30.12.2022
79	1MV22EC079	MONIKA H S	Induction Program	01.12.2022 - 30.12.2022
80	1MV22EC080	NAVEEN M	Induction Program	01.12.2022 - 30.12.2022
81	1MV22EC081	NEELESH	Induction Program	01.12.2022 - 30.12.2022
82	1MV22EC082	NEHA THEJESH	Induction Program	01.12.2022 - 30.12.2022
83	1MV22EC083	OMKAR SWAROOP M	Induction Program	01.12.2022 - 30.12.2022
84	1MV22EC084	P SHIVAPRASAD	Induction Program	01.12.2022 - 30.12.2022
85	1MV22EC085	PADMAVATHI C	Induction Program	01.12.2022 - 30.12.2022
86	1MV22EC086	PRIYANKA NAGARAJ SAJJAN	Induction Program	01.12.2022 - 30.12.2022
87	1MV22EC087	PUNITH D P	Induction Program	01.12.2022 - 30.12.2022
88	1MV22EC088	RAHUL	Induction Program	01.12.2022 - 30.12.2022
89	1MV22EC089	RAJ KUMAR	Induction Program	01.12.2022 - 30.12.2022
90	1MV22EC090	RAMA REDDY M J	Induction Program	01.12.2022 - 30.12.2022
91	1MV22EC091	RISHABH KUMAR	Induction Program	01.12.2022 - 30.12.2022
92	1MV22EC092	RITHISH K V	Induction Program	01.12.2022 - 30.12.2022
93	1MV22EC093	S BHARGAVA NARASIMHA	Induction Program	01.12.2022 - 30.12.2022
94	1MV22EC094	SAHANA T S	Induction Program	01.12.2022 - 30.12.2022
95	1MV22EC095	SAMPATH A MARACHARADDI	Induction Program	01.12.2022 - 30.12.2022
96	1MV22EC096	SANDIPAN SINGH	Induction Program	01.12.2022 - 30.12.2022
97	1MV22EC097	SANJANA R SAJJAN	Induction Program	01.12.2022 - 30.12.2022
98	1MV22EC098	SANJIT KUMAR MALAH	Induction Program	01.12.2022 - 30.12.2022



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**Department of Basic Science 2022-23**

99	1MV22EC099	SANTHOSH K R	Induction Program	01.12.2022 - 30.12.2022
100	1MV22EC100	SATHYA HARSHIKA S	Induction Program	01.12.2022 - 30.12.2022
101	1MV22EC101	SAURABH RAJ	Induction Program	01.12.2022 - 30.12.2022
102	1MV22EC102	SHARATH K	Induction Program	01.12.2022 - 30.12.2022
103	1MV22EC103	SHARATH R	Induction Program	01.12.2022 - 30.12.2022
104	1MV22EC104	SHASHANK	Induction Program	01.12.2022 - 30.12.2022
105	1MV22EC105	SHIVAM SINGH	Induction Program	01.12.2022 - 30.12.2022
106	1MV22EC106	SHRIYAM	Induction Program	01.12.2022 - 30.12.2022
107	1MV22EC107	SHUBHAM RAJ	Induction Program	01.12.2022 - 30.12.2022
108	1MV22EC108	SIDDHALINGESH R MAIDARGI	Induction Program	01.12.2022 - 30.12.2022
109	1MV22EC109	SPARSH KUMAR	Induction Program	01.12.2022 - 30.12.2022
110	1MV22EC110	SRINJAY KAR	Induction Program	01.12.2022 - 30.12.2022
111	1MV22EC111	SUCHITHRA D K	Induction Program	01.12.2022 - 30.12.2022
112	1MV22EC112	SUHAS S MANJUNATH	Induction Program	01.12.2022 - 30.12.2022
113	1MV22EC113	SUNITA	Induction Program	01.12.2022 - 30.12.2022
114	1MV22EC114	SUPRIYA KUMARI	Induction Program	01.12.2022 - 30.12.2022
115	1MV22EC115	SUSHMITHA G	Induction Program	01.12.2022 - 30.12.2022
116	1MV22EC116	TANISH RAJ	Induction Program	01.12.2022 - 30.12.2022
117	1MV22EC117	TAWFIQUE UR RAHAMAN	Induction Program	01.12.2022 - 30.12.2022
118	1MV22EC118	TEJASHVI KUMAR SINGH	Induction Program	01.12.2022 - 30.12.2022
119	1MV22EC119	UZAIR AHMAD ANSARI	Induction Program	01.12.2022 - 30.12.2022
120	1MV22EC120	VAISHNAVI KIRAN	Induction Program	01.12.2022 - 30.12.2022
121	1MV22EC121	VAISHNAVI VANI	Induction Program	01.12.2022 - 30.12.2022
122	1MV22EC122	VINAY MN	Induction Program	01.12.2022 - 30.12.2022
123	1MV22ET004	AKSHAYA K	Induction Program	01.12.2022 - 30.12.2022
124	1MV22ET005	AKSHITHA M	Induction Program	01.12.2022 - 30.12.2022
125	1MV22ET006	APOORVA AMARGOL	Induction Program	01.12.2022 - 30.12.2022
126	1MV22ET007	BHAVANA A	Induction Program	01.12.2022 - 30.12.2022
127	1MV22ET008	BINDU K P	Induction Program	01.12.2022 - 30.12.2022
128	1MV22ET009	BINDUSHREE L	Induction Program	01.12.2022 - 30.12.2022
129	1MV22ET010	C U SUMA	Induction Program	01.12.2022 - 30.12.2022
130	1MV22ET011	CHENDU V H	Induction Program	01.12.2022 - 30.12.2022
131	1MV22ET012	DARSHAN B G	Induction Program	01.12.2022 - 30.12.2022
132	1MV22ET013	DIVYA KUMARI	Induction Program	01.12.2022 - 30.12.2022
133	1MV22ET014	ISHA N JAIN	Induction Program	01.12.2022 - 30.12.2022
134	1MV22ET015	KUMUDHA L	Induction Program	01.12.2022 - 30.12.2022





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135	1MV22ET016	LAKSHMI B S	Induction Program	01.12.2022 - 30.12.2022
136	1MV22ET027	SATWIK KUMAR	Induction Program	01.12.2022 - 30.12.2022
137	1MV22ET028	SHASHANK KUMAR SINGH	Induction Program	01.12.2022 - 30.12.2022
138	1MV22ET029	SUJANA SRINIVASA	Induction Program	01.12.2022 - 30.12.2022
139	1MV22ET030	VARSHITHA P M	Induction Program	01.12.2022 - 30.12.2022
140	1MV22ET031	VIBHA SOMSHEKAR	Induction Program	01.12.2022 - 30.12.2022
141	1MV21ET032	NANDAN H C	Induction Program	01.12.2022 - 30.12.2022
142	1MV22EE001	AFTAB JANNATH D	Induction Program	01.12.2022 - 30.12.2022
143	1MV22EE002	AMIT M BIRADAR	Induction Program	01.12.2022 - 30.12.2022
144	1MV22EE030	PREETHAM V A	Induction Program	01.12.2022 - 30.12.2022
145	1MV22EE031	RAMAROODHA	Induction Program	01.12.2022 - 30.12.2022
146	1MV22EE032	RAMESH	Induction Program	01.12.2022 - 30.12.2022
147	1MV22EE033	RUSHDA FIRDOSE	Induction Program	01.12.2022 - 30.12.2022
148	1MV22EE034	SACHIN BIRADAR	Induction Program	01.12.2022 - 30.12.2022
149	1MV22EE035	SAHANA B K	Induction Program	01.12.2022 - 30.12.2022
150	1MV22EE036	SANDEEP	Induction Program	01.12.2022 - 30.12.2022
151	1MV22EE037	SANKETH MASKI	Induction Program	01.12.2022 - 30.12.2022
152	1MV22EE038	SARITHA S	Induction Program	01.12.2022 - 30.12.2022
153	1MV22EE039	SHREYAS VINAYAK B	Induction Program	01.12.2022 - 30.12.2022
154	1MV22EE040	SHUBHA A L	Induction Program	01.12.2022 - 30.12.2022
155	1MV22EE041	SNEHA	Induction Program	01.12.2022 - 30.12.2022
156	1MV22EE042	SNEHA BARGALE	Induction Program	01.12.2022 - 30.12.2022
157	1MV22EE043	SOUBHAGYALAX MI SHANTANAND ATANOOR	Induction Program	01.12.2022 - 30.12.2022
158	1MV22EE044	SUDEEP N	Induction Program	01.12.2022 - 30.12.2022
159	1MV22EE045	SUPREETA SURESH ALUR	Induction Program	01.12.2022 - 30.12.2022
160	1MV22EE046	UDITA SHANKAR	Induction Program	01.12.2022 - 30.12.2022
161	1MV22EE047	ULLAS K	Induction Program	01.12.2022 - 30.12.2022
162	1MV22EE048	UNNATI KRISHNANAND SHIRSAT	Induction Program	01.12.2022 - 30.12.2022
163	1MV22EE049	VANDHYA K	Induction Program	01.12.2022 - 30.12.2022
164	1MV22EE050	VASUDHA H K	Induction Program	01.12.2022 - 30.12.2022
165	1MV22EE051	VENU P S	Induction Program	01.12.2022 - 30.12.2022
166	1MV22EE052	VIKAS D	Induction Program	01.12.2022 - 30.12.2022
167	1MV22EE053	VINAY KUMAR BALAGANUR	Induction Program	01.12.2022 - 30.12.2022



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**Department of Basic Science 2022-23**

168	1MV22EE054	VINDHYA K	Induction Program	01.12.2022 - 30.12.2022
169	1MV22EE055	VISHNU PRIYA N	Induction Program	01.12.2022 - 30.12.2022
170	1MV22EE056	YASHASWINI S	Induction Program	01.12.2022 - 30.12.2022
171	1MV22EE057	ZAINAB ISMAIL	Induction Program	01.12.2022 - 30.12.2022
172	1MV22IS001	AASTHA MISHRA	Induction Program	01.12.2022 - 30.12.2022
173	1MV22IS002	ABHISHEK KUMAR	Induction Program	01.12.2022 - 30.12.2022
174	1MV22IS003	ADITYA KUMAR GUPTA	Induction Program	01.12.2022 - 30.12.2022
175	1MV22IS004	AISHWARYA Y K	Induction Program	01.12.2022 - 30.12.2022
176	1MV22IS005	AJAYKUMAR M	Induction Program	01.12.2022 - 30.12.2022
177	1MV22IS006	AKANKSHA SINGH	Induction Program	01.12.2022 - 30.12.2022
178	1MV22IS007	AKASH KUMAR GUPTA	Induction Program	01.12.2022 - 30.12.2022
179	1MV22IS008	AKRIT KUMAR	Induction Program	01.12.2022 - 30.12.2022
180	1MV22IS009	AMOGH S	Induction Program	01.12.2022 - 30.12.2022
181	1MV22IS010	AMRITHA C S	Induction Program	01.12.2022 - 30.12.2022
182	1MV22IS011	ANANYA L	Induction Program	01.12.2022 - 30.12.2022
183	1MV22IS012	ANANYA V	Induction Program	01.12.2022 - 30.12.2022
184	1MV22IS013	ANJALI KUMARI	Induction Program	01.12.2022 - 30.12.2022
185	1MV22IS014	ANSH KULSHRESHTHA	Induction Program	01.12.2022 - 30.12.2022
186	1MV22IS015	ANUSHKA	Induction Program	01.12.2022 - 30.12.2022
187	1MV22IS016	ARCHANA S	Induction Program	01.12.2022 - 30.12.2022
188	1MV22IS017	ARJUN G	Induction Program	01.12.2022 - 30.12.2022
189	1MV22IS018	ASHUTOSH SINGH	Induction Program	01.12.2022 - 30.12.2022
190	1MV22IS019	ASMI JHA	Induction Program	01.12.2022 - 30.12.2022
191	1MV22IS020	B PAVAN KUMAR	Induction Program	01.12.2022 - 30.12.2022
192	1MV22IS021	BASANAGOUDA	Induction Program	01.12.2022 - 30.12.2022
193	1MV22IS022	CAROL MARIA DSILVA	Induction Program	01.12.2022 - 30.12.2022
194	1MV22IS023	CHANDAN R	Induction Program	01.12.2022 - 30.12.2022
195	1MV22IS024	DARSHAN H N	Induction Program	01.12.2022 - 30.12.2022
196	1MV22IS025	DARSHAN S NAIK	Induction Program	01.12.2022 - 30.12.2022
197	1MV22IS026	DEBASHISH CHOUDHARY	Induction Program	01.12.2022 - 30.12.2022
198	1MV22IS027	DHANYA M	Induction Program	01.12.2022 - 30.12.2022
199	1MV22IS028	DHEERAJ RAVALUKEDARI	Induction Program	01.12.2022 - 30.12.2022
200	1MV22IS029	DHYAMESH G M	Induction Program	01.12.2022 - 30.12.2022
201	1MV22IS030	GOPIKA V	Induction Program	01.12.2022 - 30.12.2022
202	1MV22IS031	H N LIKHITH PATEL	Induction Program	01.12.2022 - 30.12.2022
203	1MV22IS032	HARIKESH DEEP	Induction Program	01.12.2022 - 30.12.2022





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**Department of Basic Science 2022-23**

204	1MV22IS033	HARSH KUMAR	Induction Program	01.12.2022 - 30.12.2022
205	1MV22IS034	HARSHITH S SINGH	Induction Program	01.12.2022 - 30.12.2022
206	1MV22IS035	HARSHITHA C R	Induction Program	01.12.2022 - 30.12.2022
207	1MV22IS036	HEBA ASIM	Induction Program	01.12.2022 - 30.12.2022
208	1MV22IS037	HEGDE PRAJNA RAMESH	Induction Program	01.12.2022 - 30.12.2022
209	1MV22IS038	HEMAVATHI V S	Induction Program	01.12.2022 - 30.12.2022
210	1MV22IS039	HITESH REDDY K	Induction Program	01.12.2022 - 30.12.2022
211	1MV22IS040	HRITHIK B	Induction Program	01.12.2022 - 30.12.2022
212	1MV22IS041	ISHA SINHA	Induction Program	01.12.2022 - 30.12.2022
213	1MV22IS042	J ANIRUDH	Induction Program	01.12.2022 - 30.12.2022
214	1MV22IS043	JANWEE CHOUDHARY	Induction Program	01.12.2022 - 30.12.2022
215	1MV22IS044	JISHNU KUMAR JANU	Induction Program	01.12.2022 - 30.12.2022
216	1MV22IS045	K R HARSHA	Induction Program	01.12.2022 - 30.12.2022
217	1MV22IS046	KANIZ ZAINAB CHOWDHURY	Induction Program	01.12.2022 - 30.12.2022
218	1MV22IS047	KAPIL SHARMA	Induction Program	01.12.2022 - 30.12.2022
219	1MV22IS048	KARAN KUMAR	Induction Program	01.12.2022 - 30.12.2022
220	1MV22IS049	KARTHIK M N	Induction Program	01.12.2022 - 30.12.2022
221	1MV22IS050	KAUSHAL SURYAWANSHI	Induction Program	01.12.2022 - 30.12.2022
222	1MV22IS051	KAVYA SHREE K V	Induction Program	01.12.2022 - 30.12.2022
223	1MV22IS052	KISHAN REDDY K	Induction Program	01.12.2022 - 30.12.2022
224	1MV22IS053	LIKITH H R	Induction Program	01.12.2022 - 30.12.2022
225	1MV22IS054	M INCHAR	Induction Program	01.12.2022 - 30.12.2022
226	1MV22IS055	M KRISHNA KAUSHIK	Induction Program	01.12.2022 - 30.12.2022
227	1MV22IS056	M S PALLAVI	Induction Program	01.12.2022 - 30.12.2022
228	1MV22IS057	MAHALAKSHMI S L	Induction Program	01.12.2022 - 30.12.2022
229	1MV22IS058	MANISH SONI	Induction Program	01.12.2022 - 30.12.2022
230	1MV22IS059	MANJUNATH R	Induction Program	01.12.2022 - 30.12.2022
231	1MV22IS060	MD SHARIQUE AYUB	Induction Program	01.12.2022 - 30.12.2022
232	1MV22IS061	MEENAKSHI	Induction Program	01.12.2022 - 30.12.2022
233	1MV22IS062	MOHAMMED MUDASSIR	Induction Program	01.12.2022 - 30.12.2022
234	1MV22IS063	MURTHY D M	Induction Program	01.12.2022 - 30.12.2022
235	1MV22IS064	NAINCY PRIYA	Induction Program	01.12.2022 - 30.12.2022
236	1MV22IS065	NANDEESWAR G	Induction Program	01.12.2022 - 30.12.2022



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237	1MV22IS066	NISHA KUMARI	Induction Program	01.12.2022 - 30.12.2022
238	1MV22IS067	NISHANT ADITYA	Induction Program	01.12.2022 - 30.12.2022
239	1MV22IS068	NISHTHA SHANDILYA	Induction Program	01.12.2022 - 30.12.2022
240	1MV22IS069	PALLAVI GAJANANA HEGDE	Induction Program	01.12.2022 - 30.12.2022
241	1MV22IS070	PARTHA M N	Induction Program	01.12.2022 - 30.12.2022
242	1MV22IS071	PAURUSH MISHRA	Induction Program	01.12.2022 - 30.12.2022
243	1MV22IS072	PAVAN	Induction Program	01.12.2022 - 30.12.2022
244	1MV22IS073	PAVAN PRAKASH PAI	Induction Program	01.12.2022 - 30.12.2022
245	1MV22IS074	POOJA RAI	Induction Program	01.12.2022 - 30.12.2022
246	1MV22IS075	PRAKRUTI NAYAK	Induction Program	01.12.2022 - 30.12.2022
247	1MV22IS076	PRAMITHA P	Induction Program	01.12.2022 - 30.12.2022
248	1MV22IS077	PRAVAL SHETTY	Induction Program	01.12.2022 - 30.12.2022
249	1MV22IS078	PRIYA KUMARI	Induction Program	01.12.2022 - 30.12.2022
250	1MV22IS079	PRIYANKA P MANTURE	Induction Program	01.12.2022 - 30.12.2022
251	1MV22IS080	PRIYANSHU RAJ	Induction Program	01.12.2022 - 30.12.2022
252	1MV22IS081	PUNI N R KHOLA	Induction Program	01.12.2022 - 30.12.2022
253	1MV22IS082	R RITHANYA	Induction Program	01.12.2022 - 30.12.2022
254	1MV22IS083	RAGHAVENDRA S H	Induction Program	01.12.2022 - 30.12.2022
255	1MV22IS084	RAJ ARYAN	Induction Program	01.12.2022 - 30.12.2022
256	1MV22IS085	RAJESH T S	Induction Program	01.12.2022 - 30.12.2022
257	1MV22IS086	RASHMI U J	Induction Program	01.12.2022 - 30.12.2022
258	1MV22IS087	RATHISH C V	Induction Program	01.12.2022 - 30.12.2022
259	1MV22IS088	RISHABH GUPTA	Induction Program	01.12.2022 - 30.12.2022
260	1MV22IS089	RISHITA GIRI	Induction Program	01.12.2022 - 30.12.2022
261	1MV22IS090	ROHIT RATHORE	Induction Program	01.12.2022 - 30.12.2022
262	1MV22IS091	S ACHAL	Induction Program	01.12.2022 - 30.12.2022
263	1MV22IS092	S KRITHICK	Induction Program	01.12.2022 - 30.12.2022
264	1MV22IS093	S M LIKITH	Induction Program	01.12.2022 - 30.12.2022
265	1MV22IS094	SAAKSHI	Induction Program	01.12.2022 - 30.12.2022
266	1MV22IS095	SAI SKANDA U	Induction Program	01.12.2022 - 30.12.2022
267	1MV22IS096	SAMANVITHA P	Induction Program	01.12.2022 - 30.12.2022
268	1MV22IS097	SANJANA SURESH	Induction Program	01.12.2022 - 30.12.2022
269	1MV22IS098	SATHVIK M	Induction Program	01.12.2022 - 30.12.2022
270	1MV22IS099	SHASHIDHAR HEGDE	Induction Program	01.12.2022 - 30.12.2022
271	1MV22IS100	SHREYA V R	Induction Program	01.12.2022 - 30.12.2022
272	1MV22IS101	SHRINIVAS	Induction Program	01.12.2022 - 30.12.2022





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273	1MV22IS102	SHRIYA S	Induction Program	01.12.2022 - 30.12.2022
274	1MV22IS103	SHUBHAM DEEP	Induction Program	01.12.2022 - 30.12.2022
275	1MV22IS104	SHVETHANK B	Induction Program	01.12.2022 - 30.12.2022
276	1MV22IS105	SHWETHA B	Induction Program	01.12.2022 - 30.12.2022
277	1MV22IS106	SINDHU R	Induction Program	01.12.2022 - 30.12.2022
278	1MV22IS107	SINDHU S	Induction Program	01.12.2022 - 30.12.2022
279	1MV22IS108	SOHAM GUPTA	Induction Program	01.12.2022 - 30.12.2022
280	1MV22IS109	SOHAN K SHASHIDHAR	Induction Program	01.12.2022 - 30.12.2022
281	1MV22IS110	SUMANTH	Induction Program	01.12.2022 - 30.12.2022
282	1MV22IS111	TEJASWINI N	Induction Program	01.12.2022 - 30.12.2022
283	1MV22IS112	TEJASWINI P	Induction Program	01.12.2022 - 30.12.2022
284	1MV22IS113	THILAK V	Induction Program	01.12.2022 - 30.12.2022
285	1MV22IS114	UMA SHANKAR C T	Induction Program	01.12.2022 - 30.12.2022
286	1MV22IS115	VANKTESH DIXIT	Induction Program	01.12.2022 - 30.12.2022
287	1MV22IS116	VASANTH KUMAR SANKATI	Induction Program	01.12.2022 - 30.12.2022
288	1MV22IS117	VIGHNESH	Induction Program	01.12.2022 - 30.12.2022
289	1MV22IS118	VIKAS GOWDA D	Induction Program	01.12.2022 - 30.12.2022
290	1MV22IS119	VINOD G	Induction Program	01.12.2022 - 30.12.2022
291	1MV22IS120	VISHAL VINOD NAIK	Induction Program	01.12.2022 - 30.12.2022
292	1MV22IS121	VISMAYA S	Induction Program	01.12.2022 - 30.12.2022
293	1MV22IS122	VIVEK SONTI	Induction Program	01.12.2022 - 30.12.2022
294	1MV22IS123	VYSHNAVI G R	Induction Program	01.12.2022 - 30.12.2022
295	1MV22IS124	WASIL AHMAD	Induction Program	01.12.2022 - 30.12.2022
296	1MV22IS125	YASHAS S R	Induction Program	01.12.2022 - 30.12.2022
297	1MV22IS126	YELLENI GANESH	Induction Program	01.12.2022 - 30.12.2022
298	1MV22ME001	AYUSHYA	Induction Program	01.12.2022 - 30.12.2022
299	1MV22ME002	HARISH SIDDALINGAPPA KONNUR	Induction Program	01.12.2022 - 30.12.2022
300	1MV22ME003	HEMANTH R	Induction Program	01.12.2022 - 30.12.2022
301	1MV22ME004	JAGORI BISWAS	Induction Program	01.12.2022 - 30.12.2022
302	1MV22ME005	K ADITHYAN	Induction Program	01.12.2022 - 30.12.2022
303	1MV22ME006	MANU R	Induction Program	01.12.2022 - 30.12.2022
304	1MV22ME007	PRAJWAL NARENDRA DEVASUR	Induction Program	01.12.2022 - 30.12.2022
305	1MV22ME008	PRAVARDHANA PRABHU	Induction Program	01.12.2022 - 30.12.2022
306	1MV22ME009	R KIRAN KUMAR	Induction Program	01.12.2022 - 30.12.2022



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307	1MV22ME010	RANJITH A	Induction Program	01.12.2022 - 30.12.2022
308	1MV22ME011	SANKET TADKAL	Induction Program	01.12.2022 - 30.12.2022
309	1MV22ME012	SHUBHAM S B	Induction Program	01.12.2022 - 30.12.2022
310	1MV22ME013	SUDARSHAN K B	Induction Program	01.12.2022 - 30.12.2022
311	1MV22ME014	SURYA TEJA S H	Induction Program	01.12.2022 - 30.12.2022
312	1MV22ME015	UDAY KIRAN REDDY K A	Induction Program	01.12.2022 - 30.12.2022
313	1MV22ME016	UDGEETH K KULKARNI	Induction Program	01.12.2022 - 30.12.2022
314	1MV22ME017	VARUN C N	Induction Program	01.12.2022 - 30.12.2022
315	1MV22ME018	VEENA NAIR M	Induction Program	01.12.2022 - 30.12.2022
316	1MV22CS001	A S LIKHITHA	Induction Program	01.12.2022 - 30.12.2022
317	1MV22CS002	ABHIJEET ANAND	Induction Program	01.12.2022 - 30.12.2022
318	1MV22CS003	ABHIMANYU HIREMATH	Induction Program	01.12.2022 - 30.12.2022
319	1MV22CS004	ABHISHEK	Induction Program	01.12.2022 - 30.12.2022
320	1MV22CS005	ABHISHEK KUMAR	Induction Program	01.12.2022 - 30.12.2022
321	1MV22CS006	ABHISHEK KUMAR	Induction Program	01.12.2022 - 30.12.2022
322	1MV22CS007	ABHIT SAHU	Induction Program	01.12.2022 - 30.12.2022
323	1MV22CS008	ADITI CHOUDHARY	Induction Program	01.12.2022 - 30.12.2022
324	1MV22CS009	ADITYA KUMAR SINGH	Induction Program	01.12.2022 - 30.12.2022
325	1MV22CS010	ADITYA PRATAP	Induction Program	01.12.2022 - 30.12.2022
326	1MV22CS011	ADITYA SINGH	Induction Program	01.12.2022 - 30.12.2022
327	1MV22CS012	ADRIAN RICHARD BENJAMIN	Induction Program	01.12.2022 - 30.12.2022
328	1MV22CS013	AISHWARYA S BIRADAR	Induction Program	01.12.2022 - 30.12.2022
329	1MV22CS014	AKASH KUMAR	Induction Program	01.12.2022 - 30.12.2022
330	1MV22CS015	AKSHAN B	Induction Program	01.12.2022 - 30.12.2022
331	1MV22CS016	AKSHAT TIWARI	Induction Program	01.12.2022 - 30.12.2022
332	1MV22CS017	AMAN RAJ	Induction Program	01.12.2022 - 30.12.2022
333	1MV22CS018	AMRITANSHU BHARDWAJ	Induction Program	01.12.2022 - 30.12.2022
334	1MV22CS019	ANANYA S	Induction Program	01.12.2022 - 30.12.2022
335	1MV22CS020	ANIRUDH GUPTA	Induction Program	01.12.2022 - 30.12.2022
336	1MV22CS021	ANKITHA M	Induction Program	01.12.2022 - 30.12.2022
337	1MV22CS022	ANOOP SOUDRI	Induction Program	01.12.2022 - 30.12.2022
338	1MV22CS023	ANOOPA KUMAR P	Induction Program	01.12.2022 - 30.12.2022
339	1MV22CS024	ANUP H MURALIDHAR	Induction Program	01.12.2022 - 30.12.2022
340	1MV22CS025	ANUSHA R	Induction Program	01.12.2022 - 30.12.2022





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341	1MV22CS026	ANUSHKA DHARANIKOTA	Induction Program	01.12.2022 - 30.12.2022
342	1MV22CS027	ARNAV NANDI	Induction Program	01.12.2022 - 30.12.2022
343	1MV22CS028	AROHAN SINGH	Induction Program	01.12.2022 - 30.12.2022
344	1MV22CS029	ASHISH KUMAR	Induction Program	01.12.2022 - 30.12.2022
345	1MV22CS030	AYUSH KUMAR	Induction Program	01.12.2022 - 30.12.2022
346	1MV22CS031	AYUSHI KUMARI	Induction Program	01.12.2022 - 30.12.2022
347	1MV22CS032	AYUSHI KUMARI	Induction Program	01.12.2022 - 30.12.2022
348	1MV22CS033	B BHAVYASHREE	Induction Program	01.12.2022 - 30.12.2022
349	1MV22CS034	B MOKSHAGNA	Induction Program	01.12.2022 - 30.12.2022
350	1MV22CS035	BALAJI R	Induction Program	01.12.2022 - 30.12.2022
351	1MV22CS036	BHAANAVEE C S	Induction Program	01.12.2022 - 30.12.2022
352	1MV22CS037	BHAGYASHREE METRI	Induction Program	01.12.2022 - 30.12.2022
353	1MV22CS038	BHAGYESH	Induction Program	01.12.2022 - 30.12.2022
354	1MV22CS039	BHAGYSHREE	Induction Program	01.12.2022 - 30.12.2022
355	1MV22CS040	BHARATH G P	Induction Program	01.12.2022 - 30.12.2022
356	1MV22CS041	BHARTI KUMARI	Induction Program	01.12.2022 - 30.12.2022
357	1MV22CS042	BHAVANI B	Induction Program	01.12.2022 - 30.12.2022
358	1MV22CS043	BHUMIKA J	Induction Program	01.12.2022 - 30.12.2022
359	1MV22CS044	BINDU M	Induction Program	01.12.2022 - 30.12.2022
360	1MV22CS045	BOBBY NAYAK	Induction Program	01.12.2022 - 30.12.2022
361	1MV22CS046	CHANNABASAVA	Induction Program	01.12.2022 - 30.12.2022
362	1MV22CS047	CHARAN K C	Induction Program	01.12.2022 - 30.12.2022
363	1MV22CS048	CHARAN RAJ B	Induction Program	01.12.2022 - 30.12.2022
364	1MV22CS049	CHETHAN H	Induction Program	01.12.2022 - 30.12.2022
365	1MV22CS050	CHHAVI DWIVEDI	Induction Program	01.12.2022 - 30.12.2022
366	1MV22CS051	CHIRAG M	Induction Program	01.12.2022 - 30.12.2022
367	1MV22CS052	DARSHAN B N	Induction Program	01.12.2022 - 30.12.2022
368	1MV22CS053	DARSHAN SURAMPALLY	Induction Program	01.12.2022 - 30.12.2022
369	1MV22CS054	DEEKSHITH K	Induction Program	01.12.2022 - 30.12.2022
370	1MV22CS055	DEEPANSHI TRIPATHI	Induction Program	01.12.2022 - 30.12.2022
371	1MV22CS056	DEEPIKA K NAIK	Induction Program	01.12.2022 - 30.12.2022
372	1MV22CS057	DEVALLA HITESH SRI SAI	Induction Program	01.12.2022 - 30.12.2022
373	1MV22CS058	DHRITHI H H	Induction Program	01.12.2022 - 30.12.2022
374	1MV22CS059	DIVYA M R	Induction Program	01.12.2022 - 30.12.2022
375	1MV22CS060	GAGANA BHARATHI SP	Induction Program	01.12.2022 - 30.12.2022
376	1MV22CS061	GREESHMA V	Induction Program	01.12.2022 - 30.12.2022





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377	1MV22CS062	HARSHITH J	Induction Program	01.12.2022 - 30.12.2022
378	1MV22CS063	HARSHITHA V	Induction Program	01.12.2022 - 30.12.2022
379	1MV22CS064	HARSHITHA V M	Induction Program	01.12.2022 - 30.12.2022
380	1MV22CS065	HIMANSHI SINGH	Induction Program	01.12.2022 - 30.12.2022
381	1MV22CS066	HUZAIF ULLA KHAN	Induction Program	01.12.2022 - 30.12.2022
382	1MV22CS067	INDUSHREE C S	Induction Program	01.12.2022 - 30.12.2022
383	1MV22CS068	JAMUNA B	Induction Program	01.12.2022 - 30.12.2022
384	1MV22CS069	JEEVITHA H S	Induction Program	01.12.2022 - 30.12.2022
385	1MV22CS070	JITANSHU TIWARI	Induction Program	01.12.2022 - 30.12.2022
386	1MV22CS071	JOE TOM RYAN	Induction Program	01.12.2022 - 30.12.2022
387	1MV22CS072	JUSTIN SEBASTIAN THOMAS	Induction Program	01.12.2022 - 30.12.2022
388	1MV22CS073	KELVIN NATH	Induction Program	01.12.2022 - 30.12.2022
389	1MV22CS074	KHEDER MOHAMED ANEESULLA	Induction Program	01.12.2022 - 30.12.2022
390	1MV22CS075	KIRAN MURTHY K S	Induction Program	01.12.2022 - 30.12.2022
391	1MV22CS076	KISHAN KUMAR MISHRA	Induction Program	01.12.2022 - 30.12.2022
392	1MV22CS077	KRUTHI C B	Induction Program	01.12.2022 - 30.12.2022
393	1MV22CS078	KSHITIZ MOWAR	Induction Program	01.12.2022 - 30.12.2022
394	1MV22CS079	KUMAR MANGLAM	Induction Program	01.12.2022 - 30.12.2022
395	1MV22CS080	KUSHALA B	Induction Program	01.12.2022 - 30.12.2022
396	1MV22CS081	LAVANYA T M	Induction Program	01.12.2022 - 30.12.2022
397	1MV22CS082	LIKHITH R	Induction Program	01.12.2022 - 30.12.2022
398	1MV22CS083	LIKITH REDDY N	Induction Program	01.12.2022 - 30.12.2022
399	1MV22CS084	M E GOPALAKRISHNA	Induction Program	01.12.2022 - 30.12.2022
400	1MV22CS085	M LAKSHMI	Induction Program	01.12.2022 - 30.12.2022
401	1MV22CS086	M VISHWAJNA KASHI	Induction Program	01.12.2022 - 30.12.2022
402	1MV22CS087	MALATHESHA N	Induction Program	01.12.2022 - 30.12.2022
403	1MV22CS088	MANASWI	Induction Program	01.12.2022 - 30.12.2022
404	1MV22CS089	MANJULA K J	Induction Program	01.12.2022 - 30.12.2022
405	1MV22CS090	MANJUNATH	Induction Program	01.12.2022 - 30.12.2022
406	1MV22CS091	MANJUNATH M	Induction Program	01.12.2022 - 30.12.2022
407	1MV22CS092	MANJUNATH S	Induction Program	01.12.2022 - 30.12.2022
408	1MV22CS093	MANVI DIXIT	Induction Program	01.12.2022 - 30.12.2022
409	1MV22CS094	MARILINGAPPA	Induction Program	01.12.2022 - 30.12.2022
410	1MV22CS095	MAULIK SHARMA	Induction Program	01.12.2022 - 30.12.2022



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411	1MV22CS096	MAYANK GAUTAM	Induction Program	01.12.2022 - 30.12.2022
412	1MV22CS097	MAYURESH PATHAK	Induction Program	01.12.2022 - 30.12.2022
413	1MV22CS098	MD MOHIUDDIN ANSARI	Induction Program	01.12.2022 - 30.12.2022
414	1MV22CS099	MONIKA A M	Induction Program	01.12.2022 - 30.12.2022
415	1MV22CS100	MOULYA M	Induction Program	01.12.2022 - 30.12.2022
416	1MV22CS101	MR SOUNDAR BALAJI J	Induction Program	01.12.2022 - 30.12.2022
417	1MV22CS102	MUHAMMAD SIBGHATULLAH	Induction Program	01.12.2022 - 30.12.2022
418	1MV22CS103	MURTHY S ANIHOLA	Induction Program	01.12.2022 - 30.12.2022
419	1MV22CS104	N CHAITRA	Induction Program	01.12.2022 - 30.12.2022
420	1MV22CS105	N CHETAN ADITYA	Induction Program	01.12.2022 - 30.12.2022
421	1MV22CS106	NARENDRA B M	Induction Program	01.12.2022 - 30.12.2022
422	1MV22CS107	NEER PANDEY	Induction Program	01.12.2022 - 30.12.2022
423	1MV22CS108	NIKESH GOWDA D	Induction Program	01.12.2022 - 30.12.2022
424	1MV22CS109	NISARGA G N	Induction Program	01.12.2022 - 30.12.2022
425	1MV22CS110	NISARGA R	Induction Program	01.12.2022 - 30.12.2022
426	1MV22CS111	NISHANT KUMAR DUTTA	Induction Program	01.12.2022 - 30.12.2022
427	1MV22CS112	NISHU KUMARI	Induction Program	01.12.2022 - 30.12.2022
428	1MV22CS113	NITYASHRI KANUKOLANU	Induction Program	01.12.2022 - 30.12.2022
429	1MV22CS114	PANDEY SHIVANSHU CHANDANBHAI	Induction Program	01.12.2022 - 30.12.2022
430	1MV22CS115	PARINITH GOWDA K	Induction Program	01.12.2022 - 30.12.2022
431	1MV22CS116	PIYUSH KUMAR	Induction Program	01.12.2022 - 30.12.2022
432	1MV22CS117	PRAJAGTA SHREE	Induction Program	01.12.2022 - 30.12.2022
433	1MV22CS118	PRANAVI C	Induction Program	01.12.2022 - 30.12.2022
434	1MV22CS119	PRARTHANA R V	Induction Program	01.12.2022 - 30.12.2022
435	1MV22CS120	PRATHAMA NADIGA HS	Induction Program	01.12.2022 - 30.12.2022
436	1MV22CS121	PRATHIC KUMAR S	Induction Program	01.12.2022 - 30.12.2022
437	1MV22CS122	PREETHI K	Induction Program	01.12.2022 - 30.12.2022
438	1MV22CS123	PRERANA S	Induction Program	01.12.2022 - 30.12.2022
439	1MV22CS124	PRIYANKA M S	Induction Program	01.12.2022 - 30.12.2022
440	1MV22CS125	PULLAIAHGARI TARUNESWAR REDDY	Induction Program	01.12.2022 - 30.12.2022





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441	1MV22CS126	R SAI KUSHAL	Induction Program	01.12.2022 - 30.12.2022
442	1MV22CS127	RAGHUNATHACH AR BHOOMIKA	Induction Program	01.12.2022 - 30.12.2022
443	1MV22CS128	RAMESH MYAKAL	Induction Program	01.12.2022 - 30.12.2022
444	1MV22CS129	RAVEENA KUMARI	Induction Program	01.12.2022 - 30.12.2022
445	1MV22CS130	RAVINDRANATH A	Induction Program	01.12.2022 - 30.12.2022
446	1MV22CS131	REVANTH P B	Induction Program	01.12.2022 - 30.12.2022
447	1MV22CS132	ROHAN SINGH	Induction Program	01.12.2022 - 30.12.2022
448	1MV22CS133	ROHIT RAJAGOPAL	Induction Program	01.12.2022 - 30.12.2022
449	1MV22CS134	ROHIT TULASIDAS MESTA	Induction Program	01.12.2022 - 30.12.2022
450	1MV22CS135	S LAKSHMIDURGA	Induction Program	01.12.2022 - 30.12.2022
451	1MV22CS136	SAFIA ALAM H B	Induction Program	01.12.2022 - 30.12.2022
452	1MV22CS137	SAHIL KUMAR	Induction Program	01.12.2022 - 30.12.2022
453	1MV22CS138	SAHIL SRIVASTAVA	Induction Program	01.12.2022 - 30.12.2022
454	1MV22CS139	SAHITHYA HEGDE S	Induction Program	01.12.2022 - 30.12.2022
455	1MV22CS140	SAI SANDEEP R	Induction Program	01.12.2022 - 30.12.2022
456	1MV22CS141	SAMYOG GOWDA B J	Induction Program	01.12.2022 - 30.12.2022
457	1MV22CS142	SANJAY M P	Induction Program	01.12.2022 - 30.12.2022
458	1MV22CS143	SANTOSH ELDE	Induction Program	01.12.2022 - 30.12.2022
459	1MV22CS144	SAURABH KUMAR SINGH	Induction Program	01.12.2022 - 30.12.2022
460	1MV22CS145	SAURAV KUMAR JHA	Induction Program	01.12.2022 - 30.12.2022
461	1MV22CS146	SHAMBHAVI	Induction Program	01.12.2022 - 30.12.2022
462	1MV22CS147	SHASHI CHANDANA B S	Induction Program	01.12.2022 - 30.12.2022
463	1MV22CS148	SHEIKH KABIR	Induction Program	01.12.2022 - 30.12.2022
464	1MV22CS149	SHISHIR GOVINDA M	Induction Program	01.12.2022 - 30.12.2022
465	1MV22CS150	SHIVA KEERTHI M P	Induction Program	01.12.2022 - 30.12.2022
466	1MV22CS151	SHREYA K R	Induction Program	01.12.2022 - 30.12.2022
467	1MV22CS152	SHREYA KV	Induction Program	01.12.2022 - 30.12.2022
468	1MV22CS153	SHRISTI	Induction Program	01.12.2022 - 30.12.2022
469	1MV22CS154	SHUBHANKAR VISHWAKARMA	Induction Program	01.12.2022 - 30.12.2022
470	1MV22CS155	SNEHA SINGH	Induction Program	01.12.2022 - 30.12.2022
471	1MV22CS156	SONIKA DUVVURU	Induction Program	01.12.2022 - 30.12.2022
472	1MV22CS157	SOURABHA B J	Induction Program	01.12.2022 - 30.12.2022



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473	1MV22CS158	SOUVIK DAS	Induction Program	01.12.2022 - 30.12.2022
474	1MV22CS159	SPANDANA N	Induction Program	01.12.2022 - 30.12.2022
475	1MV22CS160	SRI RAGHUVARDHAN B	Induction Program	01.12.2022 - 30.12.2022
476	1MV22CS161	SRUJAN A U	Induction Program	01.12.2022 - 30.12.2022
477	1MV22CS162	SUYASH SINGH	Induction Program	01.12.2022 - 30.12.2022
478	1MV22CS163	T SHREYA	Induction Program	01.12.2022 - 30.12.2022
479	1MV22CS164	TANAY N M	Induction Program	01.12.2022 - 30.12.2022
480	1MV22CS165	TANISHKA JADON	Induction Program	01.12.2022 - 30.12.2022
481	1MV22CS166	TANYA RAIKWAR	Induction Program	01.12.2022 - 30.12.2022
482	1MV22CS167	TEJAS	Induction Program	01.12.2022 - 30.12.2022
483	1MV22CS168	TEJASWINI C N	Induction Program	01.12.2022 - 30.12.2022
484	1MV22CS169	UDAY SANKAR	Induction Program	01.12.2022 - 30.12.2022
485	1MV22CS170	USFAN ALI KHAN	Induction Program	01.12.2022 - 30.12.2022
486	1MV22CS171	UTKARSH RANJAN	Induction Program	01.12.2022 - 30.12.2022
487	1MV22CS172	V MADHURI REDDY	Induction Program	01.12.2022 - 30.12.2022
488	1MV22CS173	VAIBHAV	Induction Program	01.12.2022 - 30.12.2022
489	1MV22CS174	VAISHNAVI REDDY	Induction Program	01.12.2022 - 30.12.2022
490	1MV22CS175	VARDHAN V M	Induction Program	01.12.2022 - 30.12.2022
491	1MV22CS176	VARSHINI S	Induction Program	01.12.2022 - 30.12.2022
492	1MV22CS177	VARUN M	Induction Program	01.12.2022 - 30.12.2022
493	1MV22CS178	VATSAL RAINA	Induction Program	01.12.2022 - 30.12.2022
494	1MV22CS179	VEERESHA KADLIBALA MA	Induction Program	01.12.2022 - 30.12.2022
495	1MV22CS180	VIGNESH V	Induction Program	01.12.2022 - 30.12.2022
496	1MV22CS181	VINAY HULAMANI	Induction Program	01.12.2022 - 30.12.2022
497	1MV22CS182	VINAY SHANKAR H V	Induction Program	01.12.2022 - 30.12.2022
498	1MV22CS183	VIPUL SHARMA	Induction Program	01.12.2022 - 30.12.2022
499	1MV22CS184	VIRAJ KUMAR	Induction Program	01.12.2022 - 30.12.2022
500	1MV22CS185	VISHAL KHURAIJAM	Induction Program	01.12.2022 - 30.12.2022
501	1MV22CS186	VIVEK V	Induction Program	01.12.2022 - 30.12.2022
502	1MV22CS187	VULASI SONIKA	Induction Program	01.12.2022 - 30.12.2022
503	1MV22CS188	WILLSON KUMAR	Induction Program	01.12.2022 - 30.12.2022
504	1MV22CS189	Y VINEETH	Induction Program	01.12.2022 - 30.12.2022
505	1MV22CS190	YASH SISODIA	Induction Program	01.12.2022 - 30.12.2022
506	1MV22CS191	YASHSAANVI R	Induction Program	01.12.2022 - 30.12.2022
507	1MV22IC001	ABHISHEK P	Induction Program	01.12.2022 - 30.12.2022





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508	1MV22IC002	ABIN P JOHN	Induction Program	01.12.2022 - 30.12.2022
509	1MV22IC003	ANUJ KUMAR	Induction Program	01.12.2022 - 30.12.2022
510	1MV22IC004	ARAVIND R	Induction Program	01.12.2022 - 30.12.2022
511	1MV22IC005	ASHISH CHOUDHARY	Induction Program	01.12.2022 - 30.12.2022
512	1MV22IC010	HARI OM ANAND	Induction Program	01.12.2022 - 30.12.2022
513	1MV22IC011	HIMANGSHU PRAMANIK	Induction Program	01.12.2022 - 30.12.2022
514	1MV22IC012	INDUSHREE D	Induction Program	01.12.2022 - 30.12.2022
515	1MV22IC013	JAYANTH B S	Induction Program	01.12.2022 - 30.12.2022
516	1MV22IC014	KANISHK CHAUDHARY	Induction Program	01.12.2022 - 30.12.2022
517	1MV22IC015	KARUNAKAR REDDY D	Induction Program	01.12.2022 - 30.12.2022
518	1MV22IC016	KHUSHI SRIVASTAVA	Induction Program	01.12.2022 - 30.12.2022
519	1MV22IC017	L YASHWANT REDDY	Induction Program	01.12.2022 - 30.12.2022
520	1MV22IC018	M N ASHOK	Induction Program	01.12.2022 - 30.12.2022
521	1MV22IC019	M SHANMUKHI SATWIKA	Induction Program	01.12.2022 - 30.12.2022
522	1MV22IC020	MANASA B M	Induction Program	01.12.2022 - 30.12.2022
523	1MV22IC021	MANISH S	Induction Program	01.12.2022 - 30.12.2022
524	1MV22IC022	MAYUK PRESTON SEQUEIRA	Induction Program	01.12.2022 - 30.12.2022
525	1MV22IC023	MD AWAIZ	Induction Program	01.12.2022 - 30.12.2022
526	1MV22IC024	MD SHAYAN TANWEER	Induction Program	01.12.2022 - 30.12.2022
527	1MV22IC025	MEGHANA S	Induction Program	01.12.2022 - 30.12.2022
528	1MV22IC026	MISBA FATHIMA	Induction Program	01.12.2022 - 30.12.2022
529	1MV22IC027	MOHAMMED IRFAN	Induction Program	01.12.2022 - 30.12.2022
530	1MV22IC028	NAKSHA R	Induction Program	01.12.2022 - 30.12.2022
531	1MV22IC029	NANDISH N	Induction Program	01.12.2022 - 30.12.2022
532	1MV22IC030	NAVEEN KUMAR YADAV	Induction Program	01.12.2022 - 30.12.2022
533	1MV22IC031	NEELANJAN SINHA	Induction Program	01.12.2022 - 30.12.2022
534	1MV22IC032	NIDHI R	Induction Program	01.12.2022 - 30.12.2022
535	1MV22IC033	NITHIN S SRINIVASA	Induction Program	01.12.2022 - 30.12.2022
536	1MV22IC034	P KANCHANA	Induction Program	01.12.2022 - 30.12.2022
537	1MV22IC035	PRAJAPATI NIDHI YOGESH KUMAR	Induction Program	01.12.2022 - 30.12.2022
538	1MV22IC036	PRAJWAL HEJEEB	Induction Program	01.12.2022 - 30.12.2022
539	1MV22IC037	PRATICHI GHOSH	Induction Program	01.12.2022 - 30.12.2022
540	1MV22IC038	PRINCE KUMAR	Induction Program	01.12.2022 - 30.12.2022
541	1MV22IC039	R DHEERAJ KUMAR	Induction Program	01.12.2022 - 30.12.2022
542	1MV22IC040	RAMA KRISHNA K S	Induction Program	01.12.2022 - 30.12.2022
543	1MV22IC041	ROHIT GOWDA C S	Induction Program	01.12.2022 - 30.12.2022
544	1MV22IC042	S BHARATH	Induction Program	01.12.2022 - 30.12.2022
545	1MV22IC043	S MOHAMMED SOHAIL	Induction Program	01.12.2022 - 30.12.2022
546	1MV22IC044	S RACHEL SHALINI	Induction Program	01.12.2022 - 30.12.2022
547	1MV22IC045	SATHVIK A R	Induction Program	01.12.2022 - 30.12.2022
548	1MV22IC046	SATWIK MISHRA	Induction Program	01.12.2022 - 30.12.2022



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549	1MV22IC047	SHASHANK K	Induction Program	01.12.2022 - 30.12.2022
550	1MV22IC048	SHASHANK PANDEY	Induction Program	01.12.2022 - 30.12.2022
551	1MV22IC049	SHREYA P	Induction Program	01.12.2022 - 30.12.2022
552	1MV22IC050	SOUMYA BHATTACHARYA	Induction Program	01.12.2022 - 30.12.2022
553	1MV22IC051	SUDAMA TIWARI	Induction Program	01.12.2022 - 30.12.2022
554	1MV22IC052	SURAJ	Induction Program	01.12.2022 - 30.12.2022
555	1MV22IC053	SWARNIM	Induction Program	01.12.2022 - 30.12.2022
556	1MV22IC054	SWARNIM SHREE	Induction Program	01.12.2022 - 30.12.2022
557	1MV22IC055	SWAYAM SARIT SADANGI	Induction Program	01.12.2022 - 30.12.2022
558	1MV22IC056	TEJAS V	Induction Program	01.12.2022 - 30.12.2022
559	1MV22IC057	THOTLAGIRI SAI PRAMOD	Induction Program	01.12.2022 - 30.12.2022
560	1MV22IC058	VARUN TEJ R	Induction Program	01.12.2022 - 30.12.2022
561	1MV22IC059	VINAY BALAJI S	Induction Program	01.12.2022 - 30.12.2022
562	1MV22IC060	VITTALA CHAITHANYA N M	Induction Program	01.12.2022 - 30.12.2022
563	1MV22AI003	ABHISHEK SANGAPPA KOTYAL	Induction Program	01.12.2022 - 30.12.2022
564	1MV22AI004	ABHISHEK V	Induction Program	01.12.2022 - 30.12.2022
565	1MV22AI005	ABHISHESH RAMADAS SHET	Induction Program	01.12.2022 - 30.12.2022
566	1MV22AI006	ADARSH KUMAR	Induction Program	01.12.2022 - 30.12.2022
567	1MV22AI007	ADITHI M JOGI	Induction Program	01.12.2022 - 30.12.2022
568	1MV22AI008	ADITYA KUMAR	Induction Program	01.12.2022 - 30.12.2022
569	1MV22AI009	AHSHAM AHMAD	Induction Program	01.12.2022 - 30.12.2022
570	1MV22AI010	AKLESH SHETTY	Induction Program	01.12.2022 - 30.12.2022
571	1MV22AI011	ANISH GANAPATI HEGDE	Induction Program	01.12.2022 - 30.12.2022
572	1MV22AI012	ANSHUL AGARWAL	Induction Program	01.12.2022 - 30.12.2022
573	1MV22AI013	ARPITHA H N	Induction Program	01.12.2022 - 30.12.2022
574	1MV22AI014	ASHISH VIDYARTHI	Induction Program	01.12.2022 - 30.12.2022
575	1MV22AI015	BHANU SHANKAR M	Induction Program	01.12.2022 - 30.12.2022
576	1MV22AI016	BINDUSHREE B	Induction Program	01.12.2022 - 30.12.2022
577	1MV22AI017	DHANANJAY KUMAR	Induction Program	01.12.2022 - 30.12.2022
578	1MV22AI018	DHATHRI K S	Induction Program	01.12.2022 - 30.12.2022
579	1MV22AI019	DHATRI P VERMA	Induction Program	01.12.2022 - 30.12.2022
580	1MV22AI020	ESHA MANGALKUMAR NAIK	Induction Program	01.12.2022 - 30.12.2022
581	1MV22AI021	HARSH BABLANI	Induction Program	01.12.2022 - 30.12.2022
582	1MV22AI022	HARSHIT RAJ	Induction Program	01.12.2022 - 30.12.2022
583	1MV22AI023	J JERUSHA	Induction Program	01.12.2022 - 30.12.2022
584	1MV22AI024	JAYANTI KASHYAP	Induction Program	01.12.2022 - 30.12.2022
585	1MV22AI025	JEEVAN V	Induction Program	01.12.2022 - 30.12.2022
586	1MV22AI026	K UJJWAL REDDY	Induction Program	01.12.2022 - 30.12.2022
587	1MV22AI027	KARTHIK M	Induction Program	01.12.2022 - 30.12.2022
588	1MV22AI028	KUNDHURU HEMA SREE	Induction Program	01.12.2022 - 30.12.2022





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589	1MV22AI029	M MAHAMMAD SAMEER	Induction Program	01.12.2022 - 30.12.2022
590	1MV22AI030	MANISH R	Induction Program	01.12.2022 - 30.12.2022
591	1MV22AI031	MANSI	Induction Program	01.12.2022 - 30.12.2022
592	1MV22AI032	MD SHAZAN AMIN	Induction Program	01.12.2022 - 30.12.2022
593	1MV22AI033	MOHAMMED OWAIS	Induction Program	01.12.2022 - 30.12.2022
594	1MV22AI034	MOHAMMED SUFYAN B	Induction Program	01.12.2022 - 30.12.2022
595	1MV22AI035	NIRMITHA G P	Induction Program	01.12.2022 - 30.12.2022
596	1MV22AI036	P V KOUSHIK REDDY	Induction Program	01.12.2022 - 30.12.2022
597	1MV22AI037	PRAJWAL B PATTANSHETTI	Induction Program	01.12.2022 - 30.12.2022
598	1MV22AI038	PRATEEK SINGH	Induction Program	01.12.2022 - 30.12.2022
599	1MV22AI039	PRAVEEN A BILGUNDI	Induction Program	01.12.2022 - 30.12.2022
600	1MV22AI040	PREETHI PATIL	Induction Program	01.12.2022 - 30.12.2022
601	1MV22AI049	ROOPASHREE R	Induction Program	01.12.2022 - 30.12.2022
602	1MV22AI050	SACHIN KUMAR	Induction Program	01.12.2022 - 30.12.2022
603	1MV22AI051	SAHANA G SANGANABASAMMANAV AR	Induction Program	01.12.2022 - 30.12.2022
604	1MV22AI052	SAMITH N	Induction Program	01.12.2022 - 30.12.2022
605	1MV22AI053	SHAMBHAVI	Induction Program	01.12.2022 - 30.12.2022
606	1MV22AI054	SHILPA KUMARI	Induction Program	01.12.2022 - 30.12.2022
607	1MV22AI055	SHRITAN SUDHAKARA DEVADIGA	Induction Program	01.12.2022 - 30.12.2022
608	1MV22AI056	SIDDHEY OJHA	Induction Program	01.12.2022 - 30.12.2022
609	1MV22AI057	SNEHA TAVANAPPA BELAVI	Induction Program	01.12.2022 - 30.12.2022
610	1MV22AI058	SUBHAJIT PALIT	Induction Program	01.12.2022 - 30.12.2022
611	1MV22AI059	SURAJ S	Induction Program	01.12.2022 - 30.12.2022
612	1MV22AI060	TOUSIF RAZA	Induction Program	01.12.2022 - 30.12.2022
613	1MV22AI061	UDAY ADITYA	Induction Program	01.12.2022 - 30.12.2022
614	1MV22AI062	VAMSHI KUMAR K V	Induction Program	01.12.2022 - 30.12.2022
615	1MV22AI063	VISHAL MURALI PATHAPATI	Induction Program	01.12.2022 - 30.12.2022
616	1MV22BT001	AJITH KUMAR M	Induction Program	01.12.2022 - 30.12.2022
617	1MV22BT002	AKANKSHA PANDEY	Induction Program	01.12.2022 - 30.12.2022
618	1MV22BT003	AKARSH K	Induction Program	01.12.2022 - 30.12.2022
619	1MV22BT004	ANOKHEE VIDHYADHARAN	Induction Program	01.12.2022 - 30.12.2022
620	1MV22BT005	ARPITHA K A	Induction Program	01.12.2022 - 30.12.2022
621	1MV22BT006	CHAITHRA R	Induction Program	01.12.2022 - 30.12.2022
622	1MV22BT007	DAKSHITHA R	Induction Program	01.12.2022 - 30.12.2022
623	1MV22BT008	DEEPTHI RAI Y	Induction Program	01.12.2022 - 30.12.2022
624	1MV22BT009	EKANKI NEHA TAK	Induction Program	01.12.2022 - 30.12.2022
625	1MV22BT010	GEORGE JOSEPH	Induction Program	01.12.2022 - 30.12.2022
626	1MV22BT011	JANAVI M	Induction Program	01.12.2022 - 30.12.2022
627	1MV22BT012	JOANNA RITU	Induction Program	01.12.2022 - 30.12.2022



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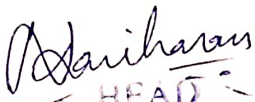
628	1MV22BT013	KARTHIKA J A	Induction Program	01.12.2022 - 30.12.2022
629	1MV22BT014	KHUSHI TARA	Induction Program	01.12.2022 - 30.12.2022
630	1MV22BT015	KUSHI VYAS	Induction Program	01.12.2022 - 30.12.2022
631	1MV22BT016	M ISHA	Induction Program	01.12.2022 - 30.12.2022
632	1MV22BT017	MONISHA G G	Induction Program	01.12.2022 - 30.12.2022
633	1MV22BT018	NARASIMHAPPAGARI DEENA	Induction Program	01.12.2022 - 30.12.2022
634	1MV22BT019	NISCHITHA NAGARAJ	Induction Program	01.12.2022 - 30.12.2022
635	1MV22BT020	PRASANNAKUMAR N	Induction Program	01.12.2022 - 30.12.2022
636	1MV22BT021	PRISHA BANERJEE	Induction Program	01.12.2022 - 30.12.2022
637	1MV22BT022	PURVI PUTHRAN	Induction Program	01.12.2022 - 30.12.2022
638	1MV22BT023	RAHUL PC	Induction Program	01.12.2022 - 30.12.2022
639	1MV22BT024	S H SHIVANI	Induction Program	01.12.2022 - 30.12.2022
640	1MV22BT025	S HARINI	Induction Program	01.12.2022 - 30.12.2022
641	1MV22BT026	S SOURISH	Induction Program	01.12.2022 - 30.12.2022
642	1MV22BT027	SABA NADAF	Induction Program	01.12.2022 - 30.12.2022
643	1MV22BT028	SAHITHYA S	Induction Program	01.12.2022 - 30.12.2022
644	1MV22BT029	SANCHAN CHANDRASHEKAR	Induction Program	01.12.2022 - 30.12.2022
645	1MV22BT037	SYEDA BIN ZAINAB	Induction Program	01.12.2022 - 30.12.2022
646	1MV22BT038	VARSHA C	Induction Program	01.12.2022 - 30.12.2022
647	1MV22BT039	VED KUTTAPPA	Induction Program	01.12.2022 - 30.12.2022
648	1MV22BT040	YASHASVI S NAIK	Induction Program	01.12.2022 - 30.12.2022
649	1MV22BT041	ZAINA FATHIMA I	Induction Program	01.12.2022 - 30.12.2022
650	1MV22CV001	KUMUDHA K K	Induction Program	01.12.2022 - 30.12.2022
651	1MV22CV002	MADHU THEJASVI H M	Induction Program	01.12.2022 - 30.12.2022
652	1MV22CV003	RASTRAPAL	Induction Program	01.12.2022 - 30.12.2022
653	1MV22CV004	SACHIN HADIMANI	Induction Program	01.12.2022 - 30.12.2022
654	1MV22CV005	SAGARIKA S TUKKANOUR	Induction Program	01.12.2022 - 30.12.2022
655	1MV22CV006	SAURABH KUMAR JHA	Induction Program	01.12.2022 - 30.12.2022
656	1MV22CV007	SHRUTI K	Induction Program	01.12.2022 - 30.12.2022
657	1MV22CV008	SONA H K	Induction Program	01.12.2022 - 30.12.2022
658	1MV22CV009	SUDEEP R KOTAMBARI	Induction Program	01.12.2022 - 30.12.2022
659	1MV22CV010	SUMANTH GOWDA K V	Induction Program	01.12.2022 - 30.12.2022
660	1MV22CV011	THARUN S	Induction Program	01.12.2022 - 30.12.2022
661	1MV22CV012	V S SHREYAS	Induction Program	01.12.2022 - 30.12.2022
662	1MV22CV013	V YAKSHITH	Induction Program	01.12.2022 - 30.12.2022
663	1MV22CV014	VIDYASHREE YAMANAPPA BAJANTRI	Induction Program	01.12.2022 - 30.12.2022
664	1MV22CV015	VISHWAS GOWDA L M	Induction Program	01.12.2022 - 30.12.2022
665	1MV22CV016	YASHWANTH GOWDA G	Induction Program	01.12.2022 - 30.12.2022
666	1MV22BT026	S SOURISH	Induction Program	01.12.2022 - 30.12.2022
667	1MV22BT027	SABA NADAF	Induction Program	01.12.2022 - 30.12.2022

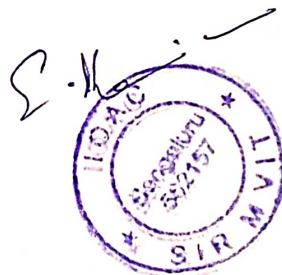


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**Department of Basic Science 2022-23**

672	1MV22BT039	VED KUTTAPPA	Induction Program	01.12.2022 - 30.12.2022
673	1MV22BT040	YASHASVI S NAIK	Induction Program	01.12.2022 - 30.12.2022
674	1MV22BT041	ZAINA FATHIMA I	Induction Program	01.12.2022 - 30.12.2022
675	1MV22CV001	KUMUDHA K K	Induction Program	01.12.2022 - 30.12.2022
676	1MV22CV002	MADHU THEJASVI H M	Induction Program	01.12.2022 - 30.12.2022
677	1MV22CV003	RASTRAPAL	Induction Program	01.12.2022 - 30.12.2022
678	1MV22CV004	SACHIN HADIMANI	Induction Program	01.12.2022 - 30.12.2022
679	1MV22CV005	SAGARIKA S TUKKANOUR	Induction Program	01.12.2022 - 30.12.2022
680	1MV22CV006	SAURABH KUMAR JHA	Induction Program	01.12.2022 - 30.12.2022
681	1MV22CV007	SHRUTI K	Induction Program	01.12.2022 - 30.12.2022
682	1MV22CV008	SONA H K	Induction Program	01.12.2022 - 30.12.2022
683	1MV22CV009	SUDEEP R KOTAMBARI	Induction Program	01.12.2022 - 30.12.2022
684	1MV22CV010	SUMANTH GOWDA K V	Induction Program	01.12.2022 - 30.12.2022
685	1MV22CV011	THARUN S	Induction Program	01.12.2022 - 30.12.2022
686	1MV22CV012	V S SHREYAS	Induction Program	01.12.2022 - 30.12.2022
687	1MV22CV013	V YAKSHITH	Induction Program	01.12.2022 - 30.12.2022
688	1MV22CV014	VIDYASHREE YAMANAPPA BAJANTRI	Induction Program	01.12.2022 - 30.12.2022
689	1MV22CV015	VISHWAS GOWDA L M	Induction Program	01.12.2022 - 30.12.2022
690	1MV22CV016	YASHWANTH GOWDA G	Induction Program	01.12.2022 - 30.12.2022

  
**HEAD**  
 Department of Physics  
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 Bangalore - 562 157.





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**Department of Basic Science 2022-23**

SL No	USN	STUDENT NAME	Enrolled for SDP/Course / etc	Date
1	IMV22EC001	ABHILASH G	Induction Program	05.06.2023-24.06.2023
2	IMV22EC002	ABHISHEK ANAND	Induction Program	05.06.2023-24.06.2023
3	IMV22EC003	ADITYA KUMAR TIWARY	Induction Program	05.06.2023-24.06.2023
4	IMV22EC004	ADITYA RAJ	Induction Program	05.06.2023-24.06.2023
5	IMV22EC005	ADVITIYA PANDEY	Induction Program	05.06.2023-24.06.2023
6	IMV22EC006	AJAY M S	Induction Program	05.06.2023-24.06.2023
7	IMV22EC007	AJITH GOWDA	Induction Program	05.06.2023-24.06.2023
8	IMV22EC008	AKCHAT RAJ	Induction Program	05.06.2023-24.06.2023
9	IMV22EC009	AKRITI ANAND	Induction Program	05.06.2023-24.06.2023
10	IMV22EC010	AKSHAY KOLLI	Induction Program	05.06.2023-24.06.2023
11	IMV22EC011	ALOK KUMAR GUPTA	Induction Program	05.06.2023-24.06.2023
12	IMV22EC012	AMAN DEEP	Induction Program	05.06.2023-24.06.2023
13	IMV22EC013	AMMAARAH JAMEEL	Induction Program	05.06.2023-24.06.2023
14	IMV22EC014	AMOGH CHANNAMALLAPP A UGARGOL	Induction Program	05.06.2023-24.06.2023
15	IMV22EC015	ANANYA B C	Induction Program	05.06.2023-24.06.2023
16	IMV22EC016	ANANYA B V	Induction Program	05.06.2023-24.06.2023
17	IMV22EC017	ANISHA SHANDILYA	Induction Program	05.06.2023-24.06.2023
18	IMV22EC018	ANJALI KUMARI	Induction Program	05.06.2023-24.06.2023
19	IMV22EC019	ANJU VK	Induction Program	05.06.2023-24.06.2023
20	IMV22EC020	ANKIT KUMAR	Induction Program	05.06.2023-24.06.2023
21	IMV22EC021	ANKIT SINGH	Induction Program	05.06.2023-24.06.2023
22	IMV22EC022	ASHISH NARAYAN	Induction Program	05.06.2023-24.06.2023
23	IMV22EC023	AYUSH B A	Induction Program	05.06.2023-24.06.2023
24	IMV22EC024	BHARGAV M R	Induction Program	05.06.2023-24.06.2023
25	IMV22EC025	BHAVESH P	Induction Program	05.06.2023-24.06.2023
26	IMV22EC026	BHOOMIKA D	Induction Program	05.06.2023-24.06.2023
27	IMV22EC027	BHOOMIKA H M	Induction Program	05.06.2023-24.06.2023
28	IMV22EC028	BHUMIKA S	Induction Program	05.06.2023-24.06.2023
29	IMV22EC029	C H KUSHAL	Induction Program	05.06.2023-24.06.2023
30	IMV22EC030	C PREETHAM	Induction Program	05.06.2023-24.06.2023
31	IMV22EC031	CHAITHANYA H M	Induction Program	05.06.2023-24.06.2023
32	IMV22EC032	CHAITHRA K	Induction Program	05.06.2023-24.06.2023
33	IMV22EC033	CHAITRA HEGDE	Induction Program	05.06.2023-24.06.2023
34	IMV22EC034	CHANDAN S	Induction Program	05.06.2023-24.06.2023
35	IMV22EC035	CHANDANA J P	Induction Program	05.06.2023-24.06.2023
36	IMV22EC036	CHANDANA M	Induction Program	05.06.2023-24.06.2023
37	IMV22EC037	CHANDRAMOWLI	Induction Program	05.06.2023-24.06.2023

**DEPT. OF ELECTRICAL & ELECTRONICS ENGS.**  
**SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY**  
Krishnadevaraya Nagar, Hunsuramahanalli  
(Via) Velehanalli, Bengaluru - 562 157

**IQAC COORDINATOR**  
**SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY**  
**BENGALURU - 562 157**





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**Department of Basic Science 2022-23**

34	1MV22EC034	CHANDAN S	Induction Program	05.06.2023-24.06.2023
35	1MV22EC035	CHANDANA J P	Induction Program	05.06.2023-24.06.2023
36	1MV22EC036	CHANDANA M	Induction Program	05.06.2023-24.06.2023
37	1MV22EC037	CHANDRAMOWLI G N	Induction Program	05.06.2023-24.06.2023
38	1MV22EC038	CHARAN KUMAR T	Induction Program	05.06.2023-24.06.2023
39	1MV22EC039	CHARAN YADAV D	Induction Program	05.06.2023-24.06.2023
40	1MV22EC040	CHITHRA V	Induction Program	05.06.2023-24.06.2023
41	1MV22EC041	DARSHAN MAHESH NAIK	Induction Program	05.06.2023-24.06.2023
42	1MV22EC042	DEEKSHITA REDDY P	Induction Program	05.06.2023-24.06.2023
43	1MV22EC043	DEVANSHU KUMAR	Induction Program	05.06.2023-24.06.2023
44	1MV22EC044	DHARSHAN K	Induction Program	05.06.2023-24.06.2023
45	1MV22EC045	DHRUV BAKSHI	Induction Program	05.06.2023-24.06.2023
46	1MV22EC046	DHRUV KUMAR	Induction Program	05.06.2023-24.06.2023
47	1MV22EC047	DISHA K M	Induction Program	05.06.2023-24.06.2023
48	1MV22EC048	DIVYA K H	Induction Program	05.06.2023-24.06.2023
49	1MV22EC049	DURGA PRASAD S	Induction Program	05.06.2023-24.06.2023
50	1MV22EC050	GANESH K	Induction Program	05.06.2023-24.06.2023
51	1MV22EC051	GANESH KOUSHIK R	Induction Program	05.06.2023-24.06.2023
52	1MV22EC052	GAURAV TIWARI	Induction Program	05.06.2023-24.06.2023
53	1MV22EC053	GURIJALA LOKESWARA REDDY	Induction Program	05.06.2023-24.06.2023
54	1MV22EC054	HANSIKHA VENKATESH	Induction Program	05.06.2023-24.06.2023
55	1MV22EC055	HARIOM	Induction Program	05.06.2023-24.06.2023
56	1MV22EC056	HARSHITH G K	Induction Program	05.06.2023-24.06.2023
57	1MV22EC057	HARSHITHA BHARADWAJ V	Induction Program	05.06.2023-24.06.2023
58	1MV22EC058	HIMANSH NATRAJIAH	Induction Program	05.06.2023-24.06.2023
59	1MV22EC059	HITAISH NATRAJIAH	Induction Program	05.06.2023-24.06.2023
60	1MV22EC060	HRITICK KUMAR	Induction Program	05.06.2023-24.06.2023
61	1MV22EC061	ISHA KUMARI	Induction Program	05.06.2023-24.06.2023
62	1MV22EC062	J CHARITHA	Induction Program	05.06.2023-24.06.2023
63	1MV22EC063	KANCHAN KUMARI	Induction Program	05.06.2023-24.06.2023
64	1MV22EC064	KAUSHIK RAJ	Induction Program	05.06.2023-24.06.2023



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**Department of Basic Science 2022-23**

65	1MV22EC065	KAVYASHREE H N	Induction Program	05.06.2023-24.06.2023
66	1MV22EC066	KIRAN KARTHIK M S	Induction Program	05.06.2023-24.06.2023
67	1MV22EC067	KISHOR V	Induction Program	05.06.2023-24.06.2023
68	1MV22EC068	KOUSHANU DUTTA	Induction Program	05.06.2023-24.06.2023
69	1MV22EC069	LAKSHMI M S	Induction Program	05.06.2023-24.06.2023
70	1MV22EC070	LALEMASHAK	Induction Program	05.06.2023-24.06.2023
71	1MV22EC071	LATHASHREE M	Induction Program	05.06.2023-24.06.2023
72	1MV22EC072	MAHADEV M S	Induction Program	05.06.2023-24.06.2023
73	1MV22EC073	MANING KANTHI	Induction Program	05.06.2023-24.06.2023
74	1MV22EC074	MANISH ADITIYA GUPTA	Induction Program	05.06.2023-24.06.2023
75	1MV22EC075	MANSI KUMARI	Induction Program	05.06.2023-24.06.2023
76	1MV22EC076	MANSI M PRABHU	Induction Program	05.06.2023-24.06.2023
77	1MV22EC077	MANYATA	Induction Program	05.06.2023-24.06.2023
78	1MV22EC078	MARSAL SOREN	Induction Program	05.06.2023-24.06.2023
79	1MV22EC079	MONIKA H S	Induction Program	05.06.2023-24.06.2023
80	1MV22EC080	NAVEEN M	Induction Program	05.06.2023-24.06.2023
81	1MV22EC081	NEELESH	Induction Program	05.06.2023-24.06.2023
82	1MV22EC082	NEHA THEJESH	Induction Program	05.06.2023-24.06.2023
83	1MV22EC083	OMKAR SWAROOP M	Induction Program	05.06.2023-24.06.2023
84	1MV22EC084	P SHIVAPRASAD	Induction Program	05.06.2023-24.06.2023
85	1MV22EC085	PADMAVATHI C	Induction Program	05.06.2023-24.06.2023
86	1MV22EC086	PRIYANKA NAGARAJ SAJJAN	Induction Program	05.06.2023-24.06.2023
87	1MV22EC087	PUNITH D P	Induction Program	05.06.2023-24.06.2023
88	1MV22EC088	RAHUL	Induction Program	05.06.2023-24.06.2023
89	1MV22EC089	RAJ KUMAR	Induction Program	05.06.2023-24.06.2023
90	1MV22EC090	RAMA REDDY M J	Induction Program	05.06.2023-24.06.2023
91	1MV22EC091	RISHABH KUMAR	Induction Program	05.06.2023-24.06.2023
92	1MV22EC092	RITHISH K V	Induction Program	05.06.2023-24.06.2023
93	1MV22EC093	S BHARGAVA NARASIMHA	Induction Program	05.06.2023-24.06.2023
94	1MV22EC094	SAHANA T S	Induction Program	05.06.2023-24.06.2023
95	1MV22EC095	SAMPATH A MARACHARADDI	Induction Program	05.06.2023-24.06.2023
96	1MV22EC096	SANDIPAN SINGH	Induction Program	05.06.2023-24.06.2023
97	1MV22EC097	SANJANA R SAJJAN	Induction Program	05.06.2023-24.06.2023
98	1MV22EC098	SANJIT KUMAR MALAH	Induction Program	05.06.2023-24.06.2023





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**Department of Basic Science 2022-23**

99	1MV22EC099	SANTHOSH K R	Induction Program	05.06.2023-24.06.2023
100	1MV22EC100	SATHYA HARSHIKA S	Induction Program	05.06.2023-24.06.2023
101	1MV22EC101	SAURABH RAJ	Induction Program	05.06.2023-24.06.2023
102	1MV22EC102	SHARATH K	Induction Program	05.06.2023-24.06.2023
103	1MV22EC103	SHARATH R	Induction Program	05.06.2023-24.06.2023
104	1MV22EC104	SHASHANK	Induction Program	05.06.2023-24.06.2023
105	1MV22EC105	SHIVAM SINGH	Induction Program	05.06.2023-24.06.2023
106	1MV22EC106	SHRIYAM	Induction Program	05.06.2023-24.06.2023
107	1MV22EC107	SHUBHAM RAJ	Induction Program	05.06.2023-24.06.2023
108	1MV22EC108	SIDDHALINGESH R MAIDARGI	Induction Program	05.06.2023-24.06.2023
109	1MV22EC109	SPARSH KUMAR	Induction Program	05.06.2023-24.06.2023
110	1MV22EC110	SRINJAY KAR	Induction Program	05.06.2023-24.06.2023
111	1MV22EC111	SUCHITHRA D K	Induction Program	05.06.2023-24.06.2023
112	1MV22EC112	SUHAS S MANJUNATH	Induction Program	05.06.2023-24.06.2023
113	1MV22EC113	SUNITA	Induction Program	05.06.2023-24.06.2023
114	1MV22EC114	SUPRIYA KUMARI	Induction Program	05.06.2023-24.06.2023
115	1MV22EC115	SUSHMITHA G	Induction Program	05.06.2023-24.06.2023
116	1MV22EC116	TANISH RAJ	Induction Program	05.06.2023-24.06.2023
117	1MV22EC117	TAWFIQUE UR RAHAMAN	Induction Program	05.06.2023-24.06.2023
118	1MV22EC118	TEJASHVI KUMAR SINGH	Induction Program	05.06.2023-24.06.2023
119	1MV22EC119	UZAIR AHMAD ANSARI	Induction Program	05.06.2023-24.06.2023
120	1MV22EC120	VAISHNAVI KIRAN	Induction Program	05.06.2023-24.06.2023
121	1MV22EC121	VAISHNAVI VANI	Induction Program	05.06.2023-24.06.2023
122	1MV22EC122	VINAY MN	Induction Program	05.06.2023-24.06.2023
123	1MV22ET004	AKSHAYA K	Induction Program	05.06.2023-24.06.2023
124	1MV22ET005	AKSHITHA M	Induction Program	05.06.2023-24.06.2023
125	1MV22ET006	APOORVA AMARGOL	Induction Program	05.06.2023-24.06.2023
126	1MV22ET007	BHAVANA A	Induction Program	05.06.2023-24.06.2023
127	1MV22ET008	BINDU K P	Induction Program	05.06.2023-24.06.2023
128	1MV22ET009	BINDUSHREE L	Induction Program	05.06.2023-24.06.2023
129	1MV22ET010	C U SUMA	Induction Program	05.06.2023-24.06.2023
130	1MV22ET011	CHENDU V H	Induction Program	05.06.2023-24.06.2023
131	1MV22ET012	DARSHAN B G	Induction Program	05.06.2023-24.06.2023
132	1MV22ET013	DIVYA KUMARI	Induction Program	05.06.2023-24.06.2023
133	1MV22ET014	ISHA N JAIN	Induction Program	05.06.2023-24.06.2023
134	1MV22ET015	KUMUDHA L	Induction Program	05.06.2023-24.06.2023



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**Department of Basic Science 2022-23**

135	1MV22ET016	LAKSHMI B S	Induction Program	05.06.2023-24.06.2023
136	1MV22ET027	SATWIK KUMAR	Induction Program	05.06.2023-24.06.2023
137	1MV22ET028	SHASHANK KUMAR SINGH	Induction Program	05.06.2023-24.06.2023
138	1MV22ET029	SUJANA SRINIVASA	Induction Program	05.06.2023-24.06.2023
139	1MV22ET030	VARSHITHA P M	Induction Program	05.06.2023-24.06.2023
140	1MV22ET031	VIBHA SOMSHEKAR	Induction Program	05.06.2023-24.06.2023
141	1MV21ET032	NANDAN H C	Induction Program	05.06.2023-24.06.2023
142	1MV22EE001	AFTAB JANNATH D	Induction Program	05.06.2023-24.06.2023
143	1MV22EE002	AMIT M BIRADAR	Induction Program	05.06.2023-24.06.2023
144	1MV22EE030	PREETHAM V A	Induction Program	05.06.2023-24.06.2023
145	1MV22EE031	RAMAROODHA	Induction Program	05.06.2023-24.06.2023
146	1MV22EE032	RAMESH	Induction Program	05.06.2023-24.06.2023
147	1MV22EE033	RUSHDA FIRDOSE	Induction Program	05.06.2023-24.06.2023
148	1MV22EE034	SACHIN BIRADAR	Induction Program	05.06.2023-24.06.2023
149	1MV22EE035	SAHANA B K	Induction Program	05.06.2023-24.06.2023
150	1MV22EE036	SANDEEP	Induction Program	05.06.2023-24.06.2023
151	1MV22EE037	SANKETH MASKI	Induction Program	05.06.2023-24.06.2023
152	1MV22EE038	SARITHA S	Induction Program	05.06.2023-24.06.2023
153	1MV22EE039	SHREYAS VINAYAK B	Induction Program	05.06.2023-24.06.2023
154	1MV22EE040	SHUBHA A L	Induction Program	05.06.2023-24.06.2023
155	1MV22EE041	SNEHA	Induction Program	05.06.2023-24.06.2023
156	1MV22EE042	SNEHA BARGALE	Induction Program	05.06.2023-24.06.2023
157	1MV22EE043	SOUBHAGYALAX MI SHANTANAND ATANOOR	Induction Program	05.06.2023-24.06.2023
158	1MV22EE044	SUDEEP N	Induction Program	05.06.2023-24.06.2023
159	1MV22EE045	SUPREETA SURESH ALUR	Induction Program	05.06.2023-24.06.2023
160	1MV22EE046	UDITA SHANKAR	Induction Program	05.06.2023-24.06.2023
161	1MV22EE047	ULLAS K	Induction Program	05.06.2023-24.06.2023
162	1MV22EE048	UNNATI KRISHNANAND SHIRSAT	Induction Program	05.06.2023-24.06.2023
163	1MV22EE049	VANDHYA K	Induction Program	05.06.2023-24.06.2023
164	1MV22EE050	VASUDHA H K	Induction Program	05.06.2023-24.06.2023
165	1MV22EE051	VENU P S	Induction Program	05.06.2023-24.06.2023
166	1MV22EE052	VIKAS D	Induction Program	05.06.2023-24.06.2023
167	1MV22EE053	VINAY KUMAR BALAGANUR	Induction Program	05.06.2023-24.06.2023





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**Department of Basic Science 2022-23**

168	1MV22EE054	VINDHYA K	Induction Program	05.06.2023-24.06.2023
169	1MV22EE055	VISHNU PRIYA N	Induction Program	05.06.2023-24.06.2023
170	1MV22EE056	YASHASWINI S	Induction Program	05.06.2023-24.06.2023
171	1MV22EE057	ZAINAB ISMAIL	Induction Program	05.06.2023-24.06.2023
172	1MV22IS001	AASTHA MISHRA	Induction Program	05.06.2023-24.06.2023
173	1MV22IS002	ABHISHEK KUMAR	Induction Program	05.06.2023-24.06.2023
174	1MV22IS003	ADITYA KUMAR GUPTA	Induction Program	05.06.2023-24.06.2023
175	1MV22IS004	AISHWARYA Y K	Induction Program	05.06.2023-24.06.2023
176	1MV22IS005	AJAYKUMAR M	Induction Program	05.06.2023-24.06.2023
177	1MV22IS006	AKANKSHA SINGH	Induction Program	05.06.2023-24.06.2023
178	1MV22IS007	AKASH KUMAR GUPTA	Induction Program	05.06.2023-24.06.2023
179	1MV22IS008	AKRIT KUMAR	Induction Program	05.06.2023-24.06.2023
180	1MV22IS009	AMOGH S	Induction Program	05.06.2023-24.06.2023
181	1MV22IS010	AMRITHA C S	Induction Program	05.06.2023-24.06.2023
182	1MV22IS011	ANANYA L	Induction Program	05.06.2023-24.06.2023
183	1MV22IS012	ANANYA V	Induction Program	05.06.2023-24.06.2023
184	1MV22IS013	ANJALI KUMARI	Induction Program	05.06.2023-24.06.2023
185	1MV22IS014	ANSH KULSHRESHTHA	Induction Program	05.06.2023-24.06.2023
186	1MV22IS015	ANUSHKA	Induction Program	05.06.2023-24.06.2023
187	1MV22IS016	ARCHANA S	Induction Program	05.06.2023-24.06.2023
188	1MV22IS017	ARJUN G	Induction Program	05.06.2023-24.06.2023
189	1MV22IS018	ASHUTOSH SINGH	Induction Program	05.06.2023-24.06.2023
190	1MV22IS019	ASMI JHA	Induction Program	05.06.2023-24.06.2023
191	1MV22IS020	B PAVAN KUMAR	Induction Program	05.06.2023-24.06.2023
192	1MV22IS021	BASANAGOUDA	Induction Program	05.06.2023-24.06.2023
193	1MV22IS022	CAROL MARIA DSILVA	Induction Program	05.06.2023-24.06.2023
194	1MV22IS023	CHANDAN R	Induction Program	05.06.2023-24.06.2023
195	1MV22IS024	DARSHAN H N	Induction Program	05.06.2023-24.06.2023
196	1MV22IS025	DARSHAN S NAIK	Induction Program	05.06.2023-24.06.2023
197	1MV22IS026	DEBASHISH CHOUDHARY	Induction Program	05.06.2023-24.06.2023
198	1MV22IS027	DHANYA M	Induction Program	05.06.2023-24.06.2023
199	1MV22IS028	DHEERAJ RAVALUKEDARI	Induction Program	05.06.2023-24.06.2023
200	1MV22IS029	DHYAMESH G M	Induction Program	05.06.2023-24.06.2023
201	1MV22IS030	GOPIKA V	Induction Program	05.06.2023-24.06.2023
202	1MV22IS031	H N LIKHITH PATEL	Induction Program	05.06.2023-24.06.2023
203	1MV22IS032	HARIKESH DEEP	Induction Program	05.06.2023-24.06.2023



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204	1MV22IS033	HARSH KUMAR	Induction Program	05.06.2023-24.06.2023
205	1MV22IS034	HARSHITH S SINGH	Induction Program	05.06.2023-24.06.2023
206	1MV22IS035	HARSHITHA C R	Induction Program	05.06.2023-24.06.2023
207	1MV22IS036	HEBA ASIM	Induction Program	05.06.2023-24.06.2023
208	1MV22IS037	HEGDE PRAJNA RAMESH	Induction Program	05.06.2023-24.06.2023
209	1MV22IS038	HEMAVATHI V S	Induction Program	05.06.2023-24.06.2023
210	1MV22IS039	HITESH REDDY K	Induction Program	05.06.2023-24.06.2023
211	1MV22IS040	HRITHIK B	Induction Program	05.06.2023-24.06.2023
212	1MV22IS041	ISHA SINHA	Induction Program	05.06.2023-24.06.2023
213	1MV22IS042	J ANIRUDH	Induction Program	05.06.2023-24.06.2023
214	1MV22IS043	JANWEE CHOUDHARY	Induction Program	05.06.2023-24.06.2023
215	1MV22IS044	JISHNU KUMAR JANU	Induction Program	05.06.2023-24.06.2023
216	1MV22IS045	K R HARSHA	Induction Program	05.06.2023-24.06.2023
217	1MV22IS046	KANIZ ZAINAB CHOWDHURY	Induction Program	05.06.2023-24.06.2023
218	1MV22IS047	KAPIL SHARMA	Induction Program	05.06.2023-24.06.2023
219	1MV22IS048	KARAN KUMAR	Induction Program	05.06.2023-24.06.2023
220	1MV22IS049	KARTHIK M N	Induction Program	05.06.2023-24.06.2023
221	1MV22IS050	KAUSHAL SURYAWANSHI	Induction Program	05.06.2023-24.06.2023
222	1MV22IS051	KAVYA SHREE K V	Induction Program	05.06.2023-24.06.2023
223	1MV22IS052	KISHAN REDDY K	Induction Program	05.06.2023-24.06.2023
224	1MV22IS053	LIKITH H R	Induction Program	05.06.2023-24.06.2023
225	1MV22IS054	M INCHAR	Induction Program	05.06.2023-24.06.2023
226	1MV22IS055	M KRISHNA KAUSHIK	Induction Program	05.06.2023-24.06.2023
227	1MV22IS056	M S PALLAVI	Induction Program	05.06.2023-24.06.2023
228	1MV22IS057	MAHALAKSHMI S L	Induction Program	05.06.2023-24.06.2023
229	1MV22IS058	MANISH SONI	Induction Program	05.06.2023-24.06.2023
230	1MV22IS059	MANJUNATH R	Induction Program	05.06.2023-24.06.2023
231	1MV22IS060	MD SHARIQUE AYUB	Induction Program	05.06.2023-24.06.2023
232	1MV22IS061	MEENAKSHI	Induction Program	05.06.2023-24.06.2023
233	1MV22IS062	MOHAMMED MUDASSIR	Induction Program	05.06.2023-24.06.2023
234	1MV22IS063	MURTHY D M	Induction Program	05.06.2023-24.06.2023
235	1MV22IS064	NAINCY PRIYA	Induction Program	05.06.2023-24.06.2023
236	1MV22IS065	NANDEESWAR G	Induction Program	05.06.2023-24.06.2023





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237	1MV22IS066	NISHA KUMARI	Induction Program	05.06.2023-24.06.2023
238	1MV22IS067	NISHANT ADITYA	Induction Program	05.06.2023-24.06.2023
239	1MV22IS068	NISHTHA SHANDILYA	Induction Program	05.06.2023-24.06.2023
240	1MV22IS069	PALLAVI GAJANANA HEGDE	Induction Program	05.06.2023-24.06.2023
241	1MV22IS070	PARTHA M N	Induction Program	05.06.2023-24.06.2023
242	1MV22IS071	PAURUSH MISHRA	Induction Program	05.06.2023-24.06.2023
243	1MV22IS072	PAVAN	Induction Program	05.06.2023-24.06.2023
244	1MV22IS073	PAVAN PRAKASH PAI	Induction Program	05.06.2023-24.06.2023
245	1MV22IS074	POOJA RAI	Induction Program	05.06.2023-24.06.2023
246	1MV22IS075	PRAKRUTI NAYAK	Induction Program	05.06.2023-24.06.2023
247	1MV22IS076	PRAMITHA P	Induction Program	05.06.2023-24.06.2023
248	1MV22IS077	PRAVAL SHETTY	Induction Program	05.06.2023-24.06.2023
249	1MV22IS078	PRIYA KUMARI	Induction Program	05.06.2023-24.06.2023
250	1MV22IS079	PRIYANKA P MANTURE	Induction Program	05.06.2023-24.06.2023
251	1MV22IS080	PRIYANSHU RAJ	Induction Program	05.06.2023-24.06.2023
252	1MV22IS081	PUNI N R KHOLA	Induction Program	05.06.2023-24.06.2023
253	1MV22IS082	R RITHANYA	Induction Program	05.06.2023-24.06.2023
254	1MV22IS083	RAGHAVENDRA S H	Induction Program	05.06.2023-24.06.2023
255	1MV22IS084	RAJ ARYAN	Induction Program	05.06.2023-24.06.2023
256	1MV22IS085	RAJESH T S	Induction Program	05.06.2023-24.06.2023
257	1MV22IS086	RASHMI U J	Induction Program	05.06.2023-24.06.2023
258	1MV22IS087	RATHISH C V	Induction Program	05.06.2023-24.06.2023
259	1MV22IS088	RISHABH GUPTA	Induction Program	05.06.2023-24.06.2023
260	1MV22IS089	RISHITA GIRI	Induction Program	05.06.2023-24.06.2023
261	1MV22IS090	ROHIT RATHORE	Induction Program	05.06.2023-24.06.2023
262	1MV22IS091	S ACHAL	Induction Program	05.06.2023-24.06.2023
263	1MV22IS092	S KRITHICK	Induction Program	05.06.2023-24.06.2023
264	1MV22IS093	S M LIKITH	Induction Program	05.06.2023-24.06.2023
265	1MV22IS094	SAAKSHI	Induction Program	05.06.2023-24.06.2023
266	1MV22IS095	SAI SKANDA U	Induction Program	05.06.2023-24.06.2023
267	1MV22IS096	SAMANVITHA P	Induction Program	05.06.2023-24.06.2023
268	1MV22IS097	SANJANA SURESH	Induction Program	05.06.2023-24.06.2023
269	1MV22IS098	SATHVIK M	Induction Program	05.06.2023-24.06.2023
270	1MV22IS099	SHASHIDHAR HEGDE	Induction Program	05.06.2023-24.06.2023
271	1MV22IS100	SHREYA V R	Induction Program	05.06.2023-24.06.2023
272	1MV22IS101	SHRINIVAS	Induction Program	05.06.2023-24.06.2023



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273	1MV22IS102	SHRIYA S	Induction Program	05.06.2023-24.06.2023
274	1MV22IS103	SHUBHAM DEEP	Induction Program	05.06.2023-24.06.2023
275	1MV22IS104	SHVETHANK B	Induction Program	05.06.2023-24.06.2023
276	1MV22IS105	SHWETHA B	Induction Program	05.06.2023-24.06.2023
277	1MV22IS106	SINDHU R	Induction Program	05.06.2023-24.06.2023
278	1MV22IS107	SINDHU S	Induction Program	05.06.2023-24.06.2023
279	1MV22IS108	SOHAM GUPTA	Induction Program	05.06.2023-24.06.2023
280	1MV22IS109	SOHAN K SHASHIDHAR	Induction Program	05.06.2023-24.06.2023
281	1MV22IS110	SUMANTH	Induction Program	05.06.2023-24.06.2023
282	1MV22IS111	TEJASWINI N	Induction Program	05.06.2023-24.06.2023
283	1MV22IS112	TEJASWINI P	Induction Program	05.06.2023-24.06.2023
284	1MV22IS113	THILAK V	Induction Program	05.06.2023-24.06.2023
285	1MV22IS114	UMA SHANKAR C T	Induction Program	05.06.2023-24.06.2023
286	1MV22IS115	VANKTESH DIXIT	Induction Program	05.06.2023-24.06.2023
287	1MV22IS116	VASANTH KUMAR SANKATI	Induction Program	05.06.2023-24.06.2023
288	1MV22IS117	VIGHNESH	Induction Program	05.06.2023-24.06.2023
289	1MV22IS118	VIKAS GOWDA D	Induction Program	05.06.2023-24.06.2023
290	1MV22IS119	VINOD G	Induction Program	05.06.2023-24.06.2023
291	1MV22IS120	VISHAL VINOD NAIK	Induction Program	05.06.2023-24.06.2023
292	1MV22IS121	VISMAYA S	Induction Program	05.06.2023-24.06.2023
293	1MV22IS122	VIVEK SONTI	Induction Program	05.06.2023-24.06.2023
294	1MV22IS123	VYSHNAVI G R	Induction Program	05.06.2023-24.06.2023
295	1MV22IS124	WASIL AHMAD	Induction Program	05.06.2023-24.06.2023
296	1MV22IS125	YASHAS S R	Induction Program	05.06.2023-24.06.2023
297	1MV22IS126	YELLENI GANESH	Induction Program	05.06.2023-24.06.2023
298	1MV22ME001	AYUSHYA	Induction Program	05.06.2023-24.06.2023
299	1MV22ME002	HARISH SIDDALINGAPPA KONNUR	Induction Program	05.06.2023-24.06.2023
300	1MV22ME003	HEMANTH R	Induction Program	05.06.2023-24.06.2023
301	1MV22ME004	JAGORI BISWAS	Induction Program	05.06.2023-24.06.2023
302	1MV22ME005	K ADITHYAN	Induction Program	05.06.2023-24.06.2023
303	1MV22ME006	MANU R	Induction Program	05.06.2023-24.06.2023
304	1MV22ME007	PRAJWAL NARENDRA DEVASUR	Induction Program	05.06.2023-24.06.2023
305	1MV22ME008	PRAVARDHANA PRABHU	Induction Program	05.06.2023-24.06.2023
306	1MV22ME009	R KIRAN KUMAR	Induction Program	05.06.2023-24.06.2023





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307	1MV22ME010	RANJITH A	Induction Program	05.06.2023-24.06.2023
308	1MV22ME011	SANKET TADKAL	Induction Program	05.06.2023-24.06.2023
309	1MV22ME012	SHUBHAM S B	Induction Program	05.06.2023-24.06.2023
310	1MV22ME013	SUDARSHAN K B	Induction Program	05.06.2023-24.06.2023
311	1MV22ME014	SURYA TEJA S H	Induction Program	05.06.2023-24.06.2023
312	1MV22ME015	UDAY KIRAN REDDY K A	Induction Program	05.06.2023-24.06.2023
313	1MV22ME016	UDGEETH K KULKARNI	Induction Program	05.06.2023-24.06.2023
314	1MV22ME017	VARUN C N	Induction Program	05.06.2023-24.06.2023
315	1MV22ME018	VEENA NAIR M	Induction Program	05.06.2023-24.06.2023
316	1MV22CS001	A S LIKHITHA	Induction Program	05.06.2023-24.06.2023
317	1MV22CS002	ABHIJEET ANAND	Induction Program	05.06.2023-24.06.2023
318	1MV22CS003	ABHIMANYU HIREMATH	Induction Program	05.06.2023-24.06.2023
319	1MV22CS004	ABHISHEK	Induction Program	05.06.2023-24.06.2023
320	1MV22CS005	ABHISHEK KUMAR	Induction Program	05.06.2023-24.06.2023
321	1MV22CS006	ABHISHEK KUMAR	Induction Program	05.06.2023-24.06.2023
322	1MV22CS007	ABHIT SAHU	Induction Program	05.06.2023-24.06.2023
323	1MV22CS008	ADITI CHOUDHARY	Induction Program	05.06.2023-24.06.2023
324	1MV22CS009	ADITYA KUMAR SINGH	Induction Program	05.06.2023-24.06.2023
325	1MV22CS010	ADITYA PRATAP	Induction Program	05.06.2023-24.06.2023
326	1MV22CS011	ADITYA SINGH	Induction Program	05.06.2023-24.06.2023
327	1MV22CS012	ADRIAN RICHARD BENJAMIN	Induction Program	05.06.2023-24.06.2023
328	1MV22CS013	AISHWARYA S BIRADAR	Induction Program	05.06.2023-24.06.2023
329	1MV22CS014	AKASH KUMAR	Induction Program	05.06.2023-24.06.2023
330	1MV22CS015	AKSHAN B	Induction Program	05.06.2023-24.06.2023
331	1MV22CS016	AKSHAT TIWARI	Induction Program	05.06.2023-24.06.2023
332	1MV22CS017	AMAN RAJ	Induction Program	05.06.2023-24.06.2023
333	1MV22CS018	AMRITANSHU BHARDWAJ	Induction Program	05.06.2023-24.06.2023
334	1MV22CS019	ANANYA S	Induction Program	05.06.2023-24.06.2023
335	1MV22CS020	ANIRUDH GUPTA	Induction Program	05.06.2023-24.06.2023
336	1MV22CS021	ANKITHA M	Induction Program	05.06.2023-24.06.2023
337	1MV22CS022	ANOOP SOUDRI	Induction Program	05.06.2023-24.06.2023
338	1MV22CS023	ANOOPA KUMAR P	Induction Program	05.06.2023-24.06.2023
339	1MV22CS024	ANUP H MURALIDHAR	Induction Program	05.06.2023-24.06.2023
340	1MV22CS025	ANUSHA R	Induction Program	05.06.2023-24.06.2023



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341	1MV22CS026	ANUSHKA DHARANIKOTA	Induction Program	05.06.2023-24.06.2023
342	1MV22CS027	ARNAV NANDI	Induction Program	05.06.2023-24.06.2023
343	1MV22CS028	AROHAN SINGH	Induction Program	05.06.2023-24.06.2023
344	1MV22CS029	ASHISH KUMAR	Induction Program	05.06.2023-24.06.2023
345	1MV22CS030	AYUSH KUMAR	Induction Program	05.06.2023-24.06.2023
346	1MV22CS031	AYUSHI KUMARI	Induction Program	05.06.2023-24.06.2023
347	1MV22CS032	AYUSHI KUMARI	Induction Program	05.06.2023-24.06.2023
348	1MV22CS033	B BHAVYASHREE	Induction Program	05.06.2023-24.06.2023
349	1MV22CS034	B MOKSHAGNA	Induction Program	05.06.2023-24.06.2023
350	1MV22CS035	BALAJI R	Induction Program	05.06.2023-24.06.2023
351	1MV22CS036	BHAANAVEE C S	Induction Program	05.06.2023-24.06.2023
352	1MV22CS037	BHAGYASHREE METRI	Induction Program	05.06.2023-24.06.2023
353	1MV22CS038	BHAGYESH	Induction Program	05.06.2023-24.06.2023
354	1MV22CS039	BHAGYSHREE	Induction Program	05.06.2023-24.06.2023
355	1MV22CS040	BHARATH G P	Induction Program	05.06.2023-24.06.2023
356	1MV22CS041	BHARTI KUMARI	Induction Program	05.06.2023-24.06.2023
357	1MV22CS042	BHAVANI B	Induction Program	05.06.2023-24.06.2023
358	1MV22CS043	BHUMIKA J	Induction Program	05.06.2023-24.06.2023
359	1MV22CS044	BINDU M	Induction Program	05.06.2023-24.06.2023
360	1MV22CS045	BOBBY NAYAK	Induction Program	05.06.2023-24.06.2023
361	1MV22CS046	CHANNABASAVA	Induction Program	05.06.2023-24.06.2023
362	1MV22CS047	CHARAN K C	Induction Program	05.06.2023-24.06.2023
363	1MV22CS048	CHARAN RAJ B	Induction Program	05.06.2023-24.06.2023
364	1MV22CS049	CHETHAN H	Induction Program	05.06.2023-24.06.2023
365	1MV22CS050	CHHAVI DWIVEDI	Induction Program	05.06.2023-24.06.2023
366	1MV22CS051	CHIRAG M	Induction Program	05.06.2023-24.06.2023
367	1MV22CS052	DARSHAN B N	Induction Program	05.06.2023-24.06.2023
368	1MV22CS053	DARSHAN SURAMPALLY	Induction Program	05.06.2023-24.06.2023
369	1MV22CS054	DEEKSHITH K	Induction Program	05.06.2023-24.06.2023
370	1MV22CS055	DEEPANSHI TRIPATHI	Induction Program	05.06.2023-24.06.2023
371	1MV22CS056	DEEPIKA K NAIK	Induction Program	05.06.2023-24.06.2023
372	1MV22CS057	DEVALLA HITESH SRI SAI	Induction Program	05.06.2023-24.06.2023
373	1MV22CS058	DHRITHI H H	Induction Program	05.06.2023-24.06.2023
374	1MV22CS059	DIVYA M R	Induction Program	05.06.2023-24.06.2023
375	1MV22CS060	GAGANA BHARATHI SP	Induction Program	05.06.2023-24.06.2023
376	1MV22CS061	GREESHMA V	Induction Program	05.06.2023-24.06.2023





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377	1MV22CS062	HARSHITH J	Induction Program	05.06.2023-24.06.2023
378	1MV22CS063	HARSHITHA V	Induction Program	05.06.2023-24.06.2023
379	1MV22CS064	HARSHITHA V M	Induction Program	05.06.2023-24.06.2023
380	1MV22CS065	HIMANSHI SINGH	Induction Program	05.06.2023-24.06.2023
381	1MV22CS066	HUZAIF ULLA KHAN	Induction Program	05.06.2023-24.06.2023
382	1MV22CS067	INDUSHREE C S	Induction Program	05.06.2023-24.06.2023
383	1MV22CS068	JAMUNA B	Induction Program	05.06.2023-24.06.2023
384	1MV22CS069	JEEVITHA H S	Induction Program	05.06.2023-24.06.2023
385	1MV22CS070	JITANSHU TIWARI	Induction Program	05.06.2023-24.06.2023
386	1MV22CS071	JOE TOM RYAN	Induction Program	05.06.2023-24.06.2023
387	1MV22CS072	JUSTIN SEBASTIAN THOMAS	Induction Program	05.06.2023-24.06.2023
388	1MV22CS073	KELVIN NATH	Induction Program	05.06.2023-24.06.2023
389	1MV22CS074	KHEDER MOHAMED ANEESULLA	Induction Program	05.06.2023-24.06.2023
390	1MV22CS075	KIRAN MURTHY K S	Induction Program	05.06.2023-24.06.2023
391	1MV22CS076	KISHAN KUMAR MISHRA	Induction Program	05.06.2023-24.06.2023
392	1MV22CS077	KRUTHI C B	Induction Program	05.06.2023-24.06.2023
393	1MV22CS078	KSHITIZ MOWAR	Induction Program	05.06.2023-24.06.2023
394	1MV22CS079	KUMAR MANGLAM	Induction Program	05.06.2023-24.06.2023
395	1MV22CS080	KUSHALA B	Induction Program	05.06.2023-24.06.2023
396	1MV22CS081	LAVANYA T M	Induction Program	05.06.2023-24.06.2023
397	1MV22CS082	LIKITH R	Induction Program	05.06.2023-24.06.2023
398	1MV22CS083	LIKITH REDDY N	Induction Program	05.06.2023-24.06.2023
399	1MV22CS084	M E GOPALAKRISHNA	Induction Program	05.06.2023-24.06.2023
400	1MV22CS085	M LAKSHMI	Induction Program	05.06.2023-24.06.2023
401	1MV22CS086	M VISHWAJNA KASHI	Induction Program	05.06.2023-24.06.2023
402	1MV22CS087	MALATHESHA N	Induction Program	05.06.2023-24.06.2023
403	1MV22CS088	MANASWI	Induction Program	05.06.2023-24.06.2023
404	1MV22CS089	MANJULA K J	Induction Program	05.06.2023-24.06.2023
405	1MV22CS090	MANJUNATH	Induction Program	05.06.2023-24.06.2023
406	1MV22CS091	MANJUNATH M	Induction Program	05.06.2023-24.06.2023
407	1MV22CS092	MANJUNATH S	Induction Program	05.06.2023-24.06.2023
408	1MV22CS093	MANVI DIXIT	Induction Program	05.06.2023-24.06.2023
409	1MV22CS094	MARILINGAPPA	Induction Program	05.06.2023-24.06.2023
410	1MV22CS095	MAULIK SHARMA	Induction Program	05.06.2023-24.06.2023



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411	1MV22CS096	MAYANK GAUTAM	Induction Program	05.06.2023-24.06.2023
412	1MV22CS097	MAYURESH PATHAK	Induction Program	05.06.2023-24.06.2023
413	1MV22CS098	MD MOHIUDDIN ANSARI	Induction Program	05.06.2023-24.06.2023
414	1MV22CS099	MONIKA A M	Induction Program	05.06.2023-24.06.2023
415	1MV22CS100	MOULYA M	Induction Program	05.06.2023-24.06.2023
416	1MV22CS101	MR SOUNDAR BALAJI J	Induction Program	05.06.2023-24.06.2023
417	1MV22CS102	MUHAMMAD SIBGHATULLAH	Induction Program	05.06.2023-24.06.2023
418	1MV22CS103	MURTHY S ANIHOLA	Induction Program	05.06.2023-24.06.2023
419	1MV22CS104	N CHAITRA	Induction Program	05.06.2023-24.06.2023
420	1MV22CS105	N CHETAN ADITYA	Induction Program	05.06.2023-24.06.2023
421	1MV22CS106	NARENDRA B M	Induction Program	05.06.2023-24.06.2023
422	1MV22CS107	NEER PANDEY	Induction Program	05.06.2023-24.06.2023
423	1MV22CS108	NIKESH GOWDA D	Induction Program	05.06.2023-24.06.2023
424	1MV22CS109	NISARGA G N	Induction Program	05.06.2023-24.06.2023
425	1MV22CS110	NISARGA R	Induction Program	05.06.2023-24.06.2023
426	1MV22CS111	NISHANT KUMAR DUTTA	Induction Program	05.06.2023-24.06.2023
427	1MV22CS112	NISHU KUMARI	Induction Program	05.06.2023-24.06.2023
428	1MV22CS113	NITYASHRI KANUKOLANU	Induction Program	05.06.2023-24.06.2023
429	1MV22CS114	PANDEY SHIVANSHU CHANDANBHAI	Induction Program	05.06.2023-24.06.2023
430	1MV22CS115	PARINITH GOWDA K	Induction Program	05.06.2023-24.06.2023
431	1MV22CS116	PIYUSH KUMAR	Induction Program	05.06.2023-24.06.2023
432	1MV22CS117	PRAJAGTA SHREE	Induction Program	05.06.2023-24.06.2023
433	1MV22CS118	PRANAVI C	Induction Program	05.06.2023-24.06.2023
434	1MV22CS119	PRARTHANA R V	Induction Program	05.06.2023-24.06.2023
435	1MV22CS120	PRATHAMA NADIGA HS	Induction Program	05.06.2023-24.06.2023
436	1MV22CS121	PRATHIC KUMAR S	Induction Program	05.06.2023-24.06.2023
437	1MV22CS122	PREETHI K	Induction Program	05.06.2023-24.06.2023
438	1MV22CS123	PRERANA S	Induction Program	05.06.2023-24.06.2023
439	1MV22CS124	PRIYANKA M S	Induction Program	05.06.2023-24.06.2023
440	1MV22CS125	PULLAIAHGARI TARUNESWAR REDDY	Induction Program	05.06.2023-24.06.2023





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441	1MV22CS126	R SAI KUSHAL	Induction Program	05.06.2023-24.06.2023
442	1MV22CS127	RAGHUNATHACH AR BHOOMIKA	Induction Program	05.06.2023-24.06.2023
443	1MV22CS128	RAMESH MYAKAL	Induction Program	05.06.2023-24.06.2023
444	1MV22CS129	RAVEENA KUMARI	Induction Program	05.06.2023-24.06.2023
445	1MV22CS130	RAVINDRANATH A	Induction Program	05.06.2023-24.06.2023
446	1MV22CS131	REVANTH P B	Induction Program	05.06.2023-24.06.2023
447	1MV22CS132	ROHAN SINGH	Induction Program	05.06.2023-24.06.2023
448	1MV22CS133	ROHIT RAJAGOPAL	Induction Program	05.06.2023-24.06.2023
449	1MV22CS134	ROHIT TULASIDAS MESTA	Induction Program	05.06.2023-24.06.2023
450	1MV22CS135	S LAKSHMIDURGA	Induction Program	05.06.2023-24.06.2023
451	1MV22CS136	SAFIA ALAM H B	Induction Program	05.06.2023-24.06.2023
452	1MV22CS137	SAHIL KUMAR	Induction Program	05.06.2023-24.06.2023
453	1MV22CS138	SAHIL SRIVASTAVA	Induction Program	05.06.2023-24.06.2023
454	1MV22CS139	SAHITHYA HEGDE S	Induction Program	05.06.2023-24.06.2023
455	1MV22CS140	SAI SANDEEP R	Induction Program	05.06.2023-24.06.2023
456	1MV22CS141	SAMYOG GOWDA B J	Induction Program	05.06.2023-24.06.2023
457	1MV22CS142	SANJAY M P	Induction Program	05.06.2023-24.06.2023
458	1MV22CS143	SANTOSH ELDE	Induction Program	05.06.2023-24.06.2023
459	1MV22CS144	SAURABH KUMAR SINGH	Induction Program	05.06.2023-24.06.2023
460	1MV22CS145	SAURAV KUMAR JHA	Induction Program	05.06.2023-24.06.2023
461	1MV22CS146	SHAMBHAVI	Induction Program	05.06.2023-24.06.2023
462	1MV22CS147	SHASHI CHANDANA B S	Induction Program	05.06.2023-24.06.2023
463	1MV22CS148	SHEIKH KABIR	Induction Program	05.06.2023-24.06.2023
464	1MV22CS149	SHISHIR GOVINDA M	Induction Program	05.06.2023-24.06.2023
465	1MV22CS150	SHIVA KEERTHI M P	Induction Program	05.06.2023-24.06.2023
466	1MV22CS151	SHREYA K R	Induction Program	05.06.2023-24.06.2023
467	1MV22CS152	SHREYA KV	Induction Program	05.06.2023-24.06.2023
468	1MV22CS153	SHRISTI	Induction Program	05.06.2023-24.06.2023
469	1MV22CS154	SHUBHANKAR VISHWAKARMA	Induction Program	05.06.2023-24.06.2023
470	1MV22CS155	SNEHA SINGH	Induction Program	05.06.2023-24.06.2023
471	1MV22CS156	SONIKA DUVVURU	Induction Program	05.06.2023-24.06.2023
472	1MV22CS157	SOURABHA B J	Induction Program	05.06.2023-24.06.2023



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473	1MV22CS158	SOUVIK DAS	Induction Program	05.06.2023-24.06.2023
474	1MV22CS159	SPANDANA N	Induction Program	05.06.2023-24.06.2023
475	1MV22CS160	SRI RAGHUVARDHAN B	Induction Program	05.06.2023-24.06.2023
476	1MV22CS161	SRUJAN A U	Induction Program	05.06.2023-24.06.2023
477	1MV22CS162	SUYASH SINGH	Induction Program	05.06.2023-24.06.2023
478	1MV22CS163	T SHREYA	Induction Program	05.06.2023-24.06.2023
479	1MV22CS164	TANAY N M	Induction Program	05.06.2023-24.06.2023
480	1MV22CS165	TANISHKA JADON	Induction Program	05.06.2023-24.06.2023
481	1MV22CS166	TANYA RAIKWAR	Induction Program	05.06.2023-24.06.2023
482	1MV22CS167	TEJAS	Induction Program	05.06.2023-24.06.2023
483	1MV22CS168	TEJASWINI C N	Induction Program	05.06.2023-24.06.2023
484	1MV22CS169	UDAY SANKAR	Induction Program	05.06.2023-24.06.2023
485	1MV22CS170	USFAN ALI KHAN	Induction Program	05.06.2023-24.06.2023
486	1MV22CS171	UTKARSH RANJAN	Induction Program	05.06.2023-24.06.2023
487	1MV22CS172	V MADHURI REDDY	Induction Program	05.06.2023-24.06.2023
488	1MV22CS173	VAIBHAV	Induction Program	05.06.2023-24.06.2023
489	1MV22CS174	VAISHNAVI REDDY	Induction Program	05.06.2023-24.06.2023
490	1MV22CS175	VARDHAN V M	Induction Program	05.06.2023-24.06.2023
491	1MV22CS176	VARSHINI S	Induction Program	05.06.2023-24.06.2023
492	1MV22CS177	VARUN M	Induction Program	05.06.2023-24.06.2023
493	1MV22CS178	VATSAL RAINA	Induction Program	05.06.2023-24.06.2023
494	1MV22CS179	VEERESHA KADLIBALA MA	Induction Program	05.06.2023-24.06.2023
495	1MV22CS180	VIGNESH V	Induction Program	05.06.2023-24.06.2023
496	1MV22CS181	VINAY HULAMANI	Induction Program	05.06.2023-24.06.2023
497	1MV22CS182	VINAY SHANKAR H V	Induction Program	05.06.2023-24.06.2023
498	1MV22CS183	VIPUL SHARMA	Induction Program	05.06.2023-24.06.2023
499	1MV22CS184	VIRAJ KUMAR	Induction Program	05.06.2023-24.06.2023
500	1MV22CS185	VISHAL KHURAIJAM	Induction Program	05.06.2023-24.06.2023
501	1MV22CS186	VIVEK V	Induction Program	05.06.2023-24.06.2023
502	1MV22CS187	VULASI SONIKA	Induction Program	05.06.2023-24.06.2023
503	1MV22CS188	WILLSON KUMAR	Induction Program	05.06.2023-24.06.2023
504	1MV22CS189	Y VINEETH	Induction Program	05.06.2023-24.06.2023
505	1MV22CS190	YASH SISODIA	Induction Program	05.06.2023-24.06.2023
506	1MV22CS191	YASHSAANVI R	Induction Program	05.06.2023-24.06.2023
507	1MV22IC001	ABHISHEK P	Induction Program	05.06.2023-24.06.2023





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508	1MV22IC002	ABIN P JOHN	Induction Program	05.06.2023-24.06.2023
509	1MV22IC003	ANUJ KUMAR	Induction Program	05.06.2023-24.06.2023
510	1MV22IC004	ARAVIND R	Induction Program	05.06.2023-24.06.2023
511	1MV22IC005	ASHISH CHOUDHARY	Induction Program	05.06.2023-24.06.2023
512	1MV22IC010	HARI OM ANAND	Induction Program	05.06.2023-24.06.2023
513	1MV22IC011	HIMANGSHU PRAMANIK	Induction Program	05.06.2023-24.06.2023
514	1MV22IC012	INDUSHREE D	Induction Program	05.06.2023-24.06.2023
515	1MV22IC013	JAYANTH B S	Induction Program	05.06.2023-24.06.2023
516	1MV22IC014	KANISHK CHAUDHARY	Induction Program	05.06.2023-24.06.2023
517	1MV22IC015	KARUNAKAR REDDY D	Induction Program	05.06.2023-24.06.2023
518	1MV22IC016	KHUSHI SRIVASTAVA	Induction Program	05.06.2023-24.06.2023
519	1MV22IC017	L YASHWANT REDDY	Induction Program	05.06.2023-24.06.2023
520	1MV22IC018	M N ASHOK	Induction Program	05.06.2023-24.06.2023
521	1MV22IC019	M SHANMUKHI SATWIKA	Induction Program	05.06.2023-24.06.2023
522	1MV22IC020	MANASA B M	Induction Program	05.06.2023-24.06.2023
523	1MV22IC021	MANISH S	Induction Program	05.06.2023-24.06.2023
524	1MV22IC022	MAYUK PRESTON SEQUEIRA	Induction Program	05.06.2023-24.06.2023
525	1MV22IC023	MD AWAIZ	Induction Program	05.06.2023-24.06.2023
526	1MV22IC024	MD SHAYAN TANWEER	Induction Program	05.06.2023-24.06.2023
527	1MV22IC025	MEGHANA S	Induction Program	05.06.2023-24.06.2023
528	1MV22IC026	MISBA FATHIMA	Induction Program	05.06.2023-24.06.2023
529	1MV22IC027	MOHAMMED IRFAN	Induction Program	05.06.2023-24.06.2023
530	1MV22IC028	NAKSHA R	Induction Program	05.06.2023-24.06.2023
531	1MV22IC029	NANDISH N	Induction Program	05.06.2023-24.06.2023
532	1MV22IC030	NAVEEN KUMAR YADAV	Induction Program	05.06.2023-24.06.2023
533	1MV22IC031	NEELANJAN SINHA	Induction Program	05.06.2023-24.06.2023
534	1MV22IC032	NIDHI R	Induction Program	05.06.2023-24.06.2023
535	1MV22IC033	NITHIN S SRINIVASA	Induction Program	05.06.2023-24.06.2023
536	1MV22IC034	P KANCHANA	Induction Program	05.06.2023-24.06.2023
537	1MV22IC035	PRAJAPATI NIDHI YOGESH KUMAR	Induction Program	05.06.2023-24.06.2023
538	1MV22IC036	PRAJWAL HEJEEB	Induction Program	05.06.2023-24.06.2023
539	1MV22IC037	PRATICHI GHOSH	Induction Program	05.06.2023-24.06.2023
540	1MV22IC038	PRINCE KUMAR	Induction Program	05.06.2023-24.06.2023
541	1MV22IC039	R DHEERAJ KUMAR	Induction Program	05.06.2023-24.06.2023
542	1MV22IC040	RAMA KRISHNA K S	Induction Program	05.06.2023-24.06.2023
543	1MV22IC041	ROHIT GOWDA C S	Induction Program	05.06.2023-24.06.2023
544	1MV22IC042	S BHARATH	Induction Program	05.06.2023-24.06.2023
545	1MV22IC043	S MOHAMMED SOHAIL	Induction Program	05.06.2023-24.06.2023
546	1MV22IC044	S RACHEL SHALINI	Induction Program	05.06.2023-24.06.2023
547	1MV22IC045	SATHVIK A R	Induction Program	05.06.2023-24.06.2023
548	1MV22IC046	SATWIK MISHRA	Induction Program	05.06.2023-24.06.2023



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549	1MV22IC047	SHASHANK K	Induction Program	05.06.2023-24.06.2023
550	1MV22IC048	SHASHANK PANDEY	Induction Program	05.06.2023-24.06.2023
551	1MV22IC049	SHREYA P	Induction Program	05.06.2023-24.06.2023
552	1MV22IC050	SOUMYA BHATTACHARYA	Induction Program	05.06.2023-24.06.2023
553	1MV22IC051	SUDAMA TIWARI	Induction Program	05.06.2023-24.06.2023
554	1MV22IC052	SURAJ	Induction Program	05.06.2023-24.06.2023
555	1MV22IC053	SWARNIM	Induction Program	05.06.2023-24.06.2023
556	1MV22IC054	SWARNIM SHREE	Induction Program	05.06.2023-24.06.2023
557	1MV22IC055	SWAYAM SARIT SADANGI	Induction Program	05.06.2023-24.06.2023
558	1MV22IC056	TEJAS V	Induction Program	05.06.2023-24.06.2023
559	1MV22IC057	THOTLAGIRI SAI PRAMOD	Induction Program	05.06.2023-24.06.2023
560	1MV22IC058	VARUN TEJ R	Induction Program	05.06.2023-24.06.2023
561	1MV22IC059	VINAY BALAJI S	Induction Program	05.06.2023-24.06.2023
562	1MV22IC060	VITTALA CHAITHANYA N M	Induction Program	05.06.2023-24.06.2023
563	1MV22AI003	ABHISHEK SANGAPPA KOTYAL	Induction Program	05.06.2023-24.06.2023
564	1MV22AI004	ABHISHEK V	Induction Program	05.06.2023-24.06.2023
565	1MV22AI005	ABHISHESH RAMADAS SHET	Induction Program	05.06.2023-24.06.2023
566	1MV22AI006	ADARSH KUMAR	Induction Program	05.06.2023-24.06.2023
567	1MV22AI007	ADITHI M JOGI	Induction Program	05.06.2023-24.06.2023
568	1MV22AI008	ADITYA KUMAR	Induction Program	05.06.2023-24.06.2023
569	1MV22AI009	AHSHAM AHMAD	Induction Program	05.06.2023-24.06.2023
570	1MV22AI010	AKLESH SHETTY	Induction Program	05.06.2023-24.06.2023
571	1MV22AI011	ANISH GANAPATI HEGDE	Induction Program	05.06.2023-24.06.2023
572	1MV22AI012	ANSHUL AGARWAL	Induction Program	05.06.2023-24.06.2023
573	1MV22AI013	ARPITHA H N	Induction Program	05.06.2023-24.06.2023
574	1MV22AI014	ASHISH VIDYARTHI	Induction Program	05.06.2023-24.06.2023
575	1MV22AI015	BHANU SHANKAR M	Induction Program	05.06.2023-24.06.2023
576	1MV22AI016	BINDUSHREE B	Induction Program	05.06.2023-24.06.2023
577	1MV22AI017	DHANANJAY KUMAR	Induction Program	05.06.2023-24.06.2023
578	1MV22AI018	DHATHRI K S	Induction Program	05.06.2023-24.06.2023
579	1MV22AI019	DHATRI P VERMA	Induction Program	05.06.2023-24.06.2023
580	1MV22AI020	ESHA MANGALKUMAR NAIK	Induction Program	05.06.2023-24.06.2023
581	1MV22AI021	HARSH BABLANI	Induction Program	05.06.2023-24.06.2023
582	1MV22AI022	HARSHIT RAJ	Induction Program	05.06.2023-24.06.2023
583	1MV22AI023	J JERUSHA	Induction Program	05.06.2023-24.06.2023
584	1MV22AI024	JAYANTI KASHYAP	Induction Program	05.06.2023-24.06.2023
585	1MV22AI025	JEEVAN V	Induction Program	05.06.2023-24.06.2023
586	1MV22AI026	K UJJWAL REDDY	Induction Program	05.06.2023-24.06.2023
587	1MV22AI027	KARTHIK M	Induction Program	05.06.2023-24.06.2023
588	1MV22AI028	KUNDHURU HEMA SREE	Induction Program	05.06.2023-24.06.2023





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589	1MV22AI029	M MAHAMMAD SAMEER	Induction Program	05.06.2023-24.06.2023
590	1MV22AI030	MANISH R	Induction Program	05.06.2023-24.06.2023
591	1MV22AI031	MANSI	Induction Program	05.06.2023-24.06.2023
592	1MV22AI032	MD SHAZAAAN AMIN	Induction Program	05.06.2023-24.06.2023
593	1MV22AI033	MOHAMMED OWAIS	Induction Program	05.06.2023-24.06.2023
594	1MV22AI034	MOHAMMED SUFYAN B	Induction Program	05.06.2023-24.06.2023
595	1MV22AI035	NIRMITHA G P	Induction Program	05.06.2023-24.06.2023
596	1MV22AI036	P V KOUSHIK REDDY	Induction Program	05.06.2023-24.06.2023
597	1MV22AI037	PRAJWAL B PATTANSHETTI	Induction Program	05.06.2023-24.06.2023
598	1MV22AI038	PRATEEK SINGH	Induction Program	05.06.2023-24.06.2023
599	1MV22AI039	PRAVEEN A BILGUNDI	Induction Program	05.06.2023-24.06.2023
600	1MV22AI040	PREETHI PATIL	Induction Program	05.06.2023-24.06.2023
601	1MV22AI049	ROOPASHREE R	Induction Program	05.06.2023-24.06.2023
602	1MV22AI050	SACHIN KUMAR	Induction Program	05.06.2023-24.06.2023
603	1MV22AI051	SAHANA G SANGANABASAMMANAV AR	Induction Program	05.06.2023-24.06.2023
604	1MV22AI052	SAMITH N	Induction Program	05.06.2023-24.06.2023
605	1MV22AI053	SHAMBHAVI	Induction Program	05.06.2023-24.06.2023
606	1MV22AI054	SHILPA KUMARI	Induction Program	05.06.2023-24.06.2023
607	1MV22AI055	SHRITAN SUDHAKARA DEVADIGA	Induction Program	05.06.2023-24.06.2023
608	1MV22AI056	SIDDHEY OJHA	Induction Program	05.06.2023-24.06.2023
609	1MV22AI057	SNEHA TAVANAPPA BELAVI	Induction Program	05.06.2023-24.06.2023
610	1MV22AI058	SUBHAJIT PALIT	Induction Program	05.06.2023-24.06.2023
611	1MV22AI059	SURAJ S	Induction Program	05.06.2023-24.06.2023
612	1MV22AI060	TOUSIF RAZA	Induction Program	05.06.2023-24.06.2023
613	1MV22AI061	UDAY ADITYA	Induction Program	05.06.2023-24.06.2023
614	1MV22AI062	VAMSHI KUMAR K V	Induction Program	05.06.2023-24.06.2023
615	1MV22AI063	VISHAL MURALI PATHAPATI	Induction Program	05.06.2023-24.06.2023
616	1MV22BT001	AJITH KUMAR M	Induction Program	05.06.2023-24.06.2023
617	1MV22BT002	AKANKSHA PANDEY	Induction Program	05.06.2023-24.06.2023
618	1MV22BT003	AKARSH K	Induction Program	05.06.2023-24.06.2023
619	1MV22BT004	ANOKHEE VIDHYADHARAN	Induction Program	05.06.2023-24.06.2023
620	1MV22BT005	ARPITHA K A	Induction Program	05.06.2023-24.06.2023
621	1MV22BT006	CHAITHRA R	Induction Program	05.06.2023-24.06.2023
622	1MV22BT007	DAKSHITHA R	Induction Program	05.06.2023-24.06.2023
623	1MV22BT008	DEEPTHI RAI Y	Induction Program	05.06.2023-24.06.2023
624	1MV22BT009	EKANKI NEHA TAK	Induction Program	05.06.2023-24.06.2023
625	1MV22BT010	GEORGE JOSEPH	Induction Program	05.06.2023-24.06.2023
626	1MV22BT011	JANAVI M	Induction Program	05.06.2023-24.06.2023
627	1MV22BT012	JOANNA RITU	Induction Program	05.06.2023-24.06.2023



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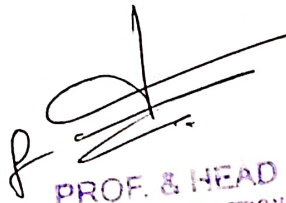
628	1MV22BT013	KARTHIKA J A	Induction Program	05.06.2023-24.06.2023
629	1MV22BT014	KHUSHI TARA	Induction Program	05.06.2023-24.06.2023
630	1MV22BT015	KUSHI VYAS	Induction Program	05.06.2023-24.06.2023
631	1MV22BT016	M ISHA	Induction Program	05.06.2023-24.06.2023
632	1MV22BT017	MONISHA G G	Induction Program	05.06.2023-24.06.2023
633	1MV22BT018	NARASIMHAPPAGARI DEENA	Induction Program	05.06.2023-24.06.2023
634	1MV22BT019	NISCHITHA NAGARAJ	Induction Program	05.06.2023-24.06.2023
635	1MV22BT020	PRASANNAKUMAR N	Induction Program	05.06.2023-24.06.2023
636	1MV22BT021	PRISHA BANERJEE	Induction Program	05.06.2023-24.06.2023
637	1MV22BT022	PURVI PUTHRAN	Induction Program	05.06.2023-24.06.2023
638	1MV22BT023	RAHUL PC	Induction Program	05.06.2023-24.06.2023
639	1MV22BT024	S H SHIVANI	Induction Program	05.06.2023-24.06.2023
640	1MV22BT025	S HARINI	Induction Program	05.06.2023-24.06.2023
641	1MV22BT026	S SOURISH	Induction Program	05.06.2023-24.06.2023
642	1MV22BT027	SABA NADAF	Induction Program	05.06.2023-24.06.2023
643	1MV22BT028	SAHITHYA S	Induction Program	05.06.2023-24.06.2023
644	1MV22BT029	SANCHAN CHANDRASHEKAR	Induction Program	05.06.2023-24.06.2023
645	1MV22BT037	SYEDA BIN ZAINAB	Induction Program	05.06.2023-24.06.2023
646	1MV22BT038	VARSHA C	Induction Program	05.06.2023-24.06.2023
647	1MV22BT039	VED KUTTAPPA	Induction Program	05.06.2023-24.06.2023
648	1MV22BT040	YASHASVI S NAIK	Induction Program	05.06.2023-24.06.2023
649	1MV22BT041	ZAINA FATHIMA I	Induction Program	05.06.2023-24.06.2023
650	1MV22CV001	KUMUDHA K K	Induction Program	05.06.2023-24.06.2023
651	1MV22CV002	MADHU THEJASVI H M	Induction Program	05.06.2023-24.06.2023
652	1MV22CV003	RASTRAPAL	Induction Program	05.06.2023-24.06.2023
653	1MV22CV004	SACHIN HADIMANI	Induction Program	05.06.2023-24.06.2023
654	1MV22CV005	SAGARIKA S TUKKANOUR	Induction Program	05.06.2023-24.06.2023
655	1MV22CV006	SAURABH KUMAR JHA	Induction Program	05.06.2023-24.06.2023
656	1MV22CV007	SHRUTI K	Induction Program	05.06.2023-24.06.2023
657	1MV22CV008	SONA H K	Induction Program	05.06.2023-24.06.2023
658	1MV22CV009	SUDEEP R KOTAMBARI	Induction Program	05.06.2023-24.06.2023
659	1MV22CV010	SUMANTH GOWDA K V	Induction Program	05.06.2023-24.06.2023
660	1MV22CV011	THARUN S	Induction Program	05.06.2023-24.06.2023
661	1MV22CV012	V S SHREYAS	Induction Program	05.06.2023-24.06.2023
662	1MV22CV013	V YAKSHITH	Induction Program	05.06.2023-24.06.2023
663	1MV22CV014	VIDYASHREE YAMANAPPA BAJANTRI	Induction Program	05.06.2023-24.06.2023
664	1MV22CV015	VISHWAS GOWDA L M	Induction Program	05.06.2023-24.06.2023
665	1MV22CV016	YASHWANTH GOWDA G	Induction Program	05.06.2023-24.06.2023
666	1MV22BT026	S SOURISH	Induction Program	05.06.2023-24.06.2023
667	1MV22BT027	SABA NADAF	Induction Program	05.06.2023-24.06.2023




Sri Krishnadevaraya Educational Trust  
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Department of Basic Science 2022-23

672	1MV22BT039	VED KUTTAPPA	Induction Program	05.06.2023-24.06.2023
673	1MV22BT040	YASHASVI S NAIK	Induction Program	05.06.2023-24.06.2023
674	1MV22BT041	ZAINA FATHIMA I	Induction Program	05.06.2023-24.06.2023
675	1MV22CV001	KUMUDHA K K	Induction Program	05.06.2023-24.06.2023
676	1MV22CV002	MADHU THEJASVI H M	Induction Program	05.06.2023-24.06.2023
677	1MV22CV003	RASTRAPAL	Induction Program	05.06.2023-24.06.2023
678	1MV22CV004	SACHIN HADIMANI	Induction Program	05.06.2023-24.06.2023
679	1MV22CV005	SAGARIKA S TUKKANOUR	Induction Program	05.06.2023-24.06.2023
680	1MV22CV006	SAURABH KUMAR JHA	Induction Program	05.06.2023-24.06.2023
681	1MV22CV007	SHRUTI K	Induction Program	05.06.2023-24.06.2023
682	1MV22CV008	SONA H K	Induction Program	05.06.2023-24.06.2023
683	1MV22CV009	SUDEEP R KOTAMBARI	Induction Program	05.06.2023-24.06.2023
684	1MV22CV010	SUMANTH GOWDA K V	Induction Program	05.06.2023-24.06.2023
685	1MV22CV011	THARUN S	Induction Program	05.06.2023-24.06.2023
686	1MV22CV012	V S SHREYAS	Induction Program	05.06.2023-24.06.2023
687	1MV22CV013	V YAKSHITH	Induction Program	05.06.2023-24.06.2023
688	1MV22CV014	VIDYASHREE YAMANAPPA BAJANTRI	Induction Program	05.06.2023-24.06.2023
689	1MV22CV015	VISHWAS GOWDA L M	Induction Program	05.06.2023-24.06.2023
690	1MV22CV016	YASHIWANTH GOWDA G	Induction Program	05.06.2023-24.06.2023

  
PROF. & HEAD  
DEPT. OF ELECTRICAL & ELECTRONICS ENGG.  
SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY  
Krishnadevarayanagar, Murmasamanehalli  
(Via) Yelahanka, Bengaluru - 562 157

  
IQAC COORDINATOR  
SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY  
BENGALURU - 562 157



**Sir M. Visvesvaraya Institute of Technology, Bengaluru-562 157**  
**Department of Biotechnology Engineering**

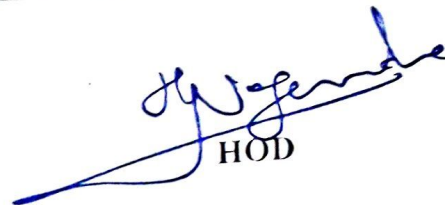
**2022-23**

S.No	Name of SDP	Date	Total students enrolled
1	Recent Advances & Emerging Opportunities of Phytopharmaceuticals	November-December 2022 (starting 4th Nov '22)	34
2	Venom Pharmacology	March-April 2023	40

SL.no	USN	NAME	Enrolled	DATE
1	1MV19BT001	AASHITHA C SHEKAR	Recent Advances & Emerging Opportunities of Phytopharmaceuticals	November-December 2022 (starting 4th Nov '22)
2	1MV19BT002	ACHYUTH S V		
3	1MV19BT003	ADVAITH K G		
4	1MV19BT004	APARNA B S		
5	1MV19BT005	CHATURTHY		
6	1MV19BT006	DEEPIKA BHAT		
7	1MV19BT007	EMILEE GRACIA DOMNIC		
8	1MV19BT008	GOWDA SNEHA DEVE		
9	1MV19BT009	GURURAJ A		
10	1MV19BT010	K HRUTHIK KUMAR RAJU		
11	1MV19BT011	KAVYA BAI O P		
12	1MV19BT012	MADHUMITHA K		
13	1MV19BT013	MAHALAKSHMI N		
14	1MV19BT014	MAITHRI B M		
15	1MV19BT015	NAGASHREES		
16	1MV19BT016	NIHARIKA K S		
17	1MV19BT017	PRANESH KULASEKHAR		
18	1MV19BT018	RICHARD STEPHEN S		
19	1MV19BT019	ROHAN THOMAS CHERIAN		
20	1MV19BT021	SAMARTH RAJE URS P A		

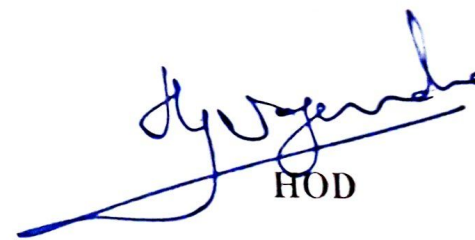


21	1MV19BT022	SHREYA P
22	1MV19BT023	SHRUTHI P
23	1MV19BT024	SMRITI HUNSIGI
24	1MV19BT025	SRINJANA RAHA
25	1MV19BT026	SYEDA DANIYA IMAN
26	1MV19BT027	THEJASHREE M
27	1MV19BT028	TRISHA C
28	1MV19BT029	UMA MAHESHWARI A
29	1MV19BT030	UPPU AISHWARYA
30	1MV19BT031	VIDHYA SHREE S
31	1MV19BT032	VRITHI RAJU
32	1MV18BT015	JANVI RONI
33	1MV18BT042	URVIJA UMESH DUBEY
34	1MV15BT015	LASYA K S

  
HOD

SL.no	USN	NAME	Enrolled	DATE
			Venom Pharmacology	March-April 2023
1	1MV19BT001	AASHITHA C SHEKAR		
2	1MV19BT002	ACHYUTH S V		
3	1MV19BT003	ADVAITH K G		
4	1MV19BT004	APARNA B S		
5	1MV19BT005	CHATURTHY		
6	1MV19BT006	DEEPIKA BHAT		
7	1MV19BT007	EMILEE GRACIA DOMNIC		
8	1MV19BT008	GOWDA SNEHA DEVE		
9	1MV19BT009	GURURAJ A		
10	1MV19BT010	K HRUTHIK KUMAR RAJU		
11	1MV19BT011	KAVYA BAI O P		
12	1MV19BT012	MADHUMITHA K		
13	1MV19BT013	MAHALAKSHMI N		
14	1MV19BT014	MAITHRI B M		
15	1MV19BT015	NAGASHREES		
16	1MV19BT016	NIHARIKA K S		

17	IMV19BT017	PRANESH KULASEKHAR
18	IMV19BT018	RICHARD STEPHENS
19	IMV19BT019	ROHAN THOMAS CHIRIAN
20	IMV19BT021	SAMARTH RAJ URS P A
21	IMV19BT022	SHRIYA P
22	IMV19BT023	SHRUTHI P
23	IMV19BT024	SMRITI HUNSIGI
24	IMV19BT025	SRINJANA RAHA
25	IMV19BT026	SYEDA DANIYA IMAN
26	IMV19BT027	THEJASHREE M
27	IMV19BT028	TRISHA C
28	IMV19BT029	UMA MAHESHWARI A
29	IMV19BT030	UPPU AISHWARYA
30	IMV19BT031	VIDHYA SHREE S
31	IMV19BT032	VRITHI RAJU
32	IMV18BT015	JANVI RONI
33	IMV18BT042	URVIJA UMESH DUBEY
34	IMV15BT015	LASYA, K.S
35	IMV22BBC01	AKSHATHA
36	IMV22BBC02	AYAN KHANRA
37	IMV22BBC03	JANE YAZHINI
38	IMV22BBC04	MANUDYUTH KASHYAP
39	IMV22BBC05	YADUKIRAN
40	IMV22BBC06	YAMUNA

  
HOD





Sir M. Visvesvaraya Institute of Technology, Bengaluru-562157

Department of Mechanical Engineering

SUBMITTED TO THE PRINCIPAL:

**Subject:** Permission to organize Three Days Student Development Programme during 01/12/2022 to 03/12/2022- Tentatively.

**Purpose/Justification of SDP:** With respect to the above subject the following coordinators from Department of Mechanical Engineering would like to organize three day student development program in the department of Mechanical Engineering on **"PYTHON CODING WITH APPLICATIONS PROJECTS & SOLUTIONS"** in association with **M/S Aqmenz Automation Pvt. Ltd., Bengaluru-32** for seventh semester mechanical engineering students without involving financial implications. **M/S Aqmenz Automation Pvt. Ltd.,** has been identified as resource company in giving successful hands on training in python programming as they have also given successful training at various universities/ institution like Reva university, Gitam, Venkateshwara college of engineering, BMSIT, Acharya Institutes etc.

The objective of this SDP is mainly to focus on training of students to develop coding skills in python programming with hands on session. This particular coding programme is required for mechanical engineering as part of covering beyond syllabus in the mechatronic subject as well as the student will get benefitted in terms of knowledge & skills which will help them to undertake various mechatronics based innovative projects. Keeping this in mind, this particular student development Programme has been identified.

The details of the SDP are enclosed (Annexure-1) hereby for your kind perusal. We request you to kindly give the permission to conduct this three day SDP and do the needful.

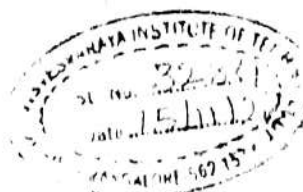
**Note:** The cash collected from the students will be deposited into the principal's account and same will be utilized as per actual expenses via principal's permission.

**Budget Summary:**

Sl. No.	Details	Amount in INR	Expenses in INR
1	Expected 50 Registration @Rs.700/- per head.	35,000/-	
2	Resource person Payment @Rs.10,000/- per day (without TDS)		30000/-
3	Other Expenses: Banners, Scribbling pads, pens, Mementoes, Lunch for resource person, Refreshments for participants etc.		5000/-
Total Amount in INR		35,000/-	35,000/-

1

HOD-Mech.  
(Signature)



IQAC COORDINATOR  
SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY  
BENGALURU - 562 157

Budget details:

Sl. No	Item Details	Quantity Required and amount	Approximate Amount (Rs.)
1	Stationery Item	2	200/-
	Resource Person (without TDS) In the favor of AQMENZ AUTOMATION PRIVATE. LIMITED.	Rs.10,000/- per day	30,000/-
	Banners	2	1,500/-
	Lunch for resource person and coordinators	12	750/-
	Refreshments for Participants	60	1,800/-
	Pens & Notepad	4	250/-
	Memento's	1	500/-
2	Registration Fee Rs. 700/- per head	Rs.700x50 students	35,000.00

Gaps Identified:

**PO3: Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

**PO5: Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations

**PO9: Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

**PO 12: Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

CO-PO MAPPING

Sl.No	CO's	PO3	PO5	PO9	PO12
1	Able to understand, learn & apply the basics programming concepts of Python programming tools	3	3	2	2
2	Ability to apply the python coding skills on hardware microcontroller and solve industry related applications	3	2	2	2
3	Summarization of concepts of machine learning and deep learning	2	2	2	2



**Details of the Resource Person:**

**1. Mohammed Azhar Hussain**

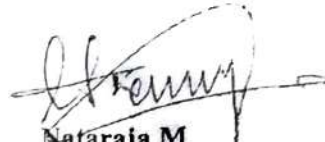
Designation: Co-Founder & CTO  
Aqmenz Automation Pvt, Ltd.  
Edtech Training Tread mark: Inoskill.  
Mobile No: 9738802359/9743396604  
Email: [cto@indoskill.in](mailto:cto@indoskill.in)

**2. Mr. Mohan Shamanna**

Designation: Founder & Chief Mentor  
Aqmenz Automation Pvt, Ltd.  
Edtech Training Tread mark: Inoskill.  
Mobile No: 9743396604/9738802359  
Email: [ceo@indoskill.in](mailto:ceo@indoskill.in)

**Staff Coordinators**

- 1. Dr. G Balakumar**  
Assoc. Prof.

  
**Nataraja M**  
Asist. Prof.

**Enclosures:**

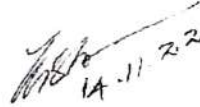
1. Program Schedule (Annexure-1)
2. Company Brochure

**HOD**

*Submitted to the principal:*

*The proposed 3 days SOP is related to  
"Python and its applications" for the  
first year students.*

*There is no financial requirement from  
the institute  
we request your kind approval to  
conduct the program.*

  
14.11.22

**PROFESSOR & HEAD**

Department: Mechanical Engineering  
M. V. J. T. Institute of Technology  
Bangalore-562 157

**PRINCIPAL**  
Sir M.V.J.T., Bangalore-562 157.



Ref No.: SMVIT/ME/ SDP /2022-2023

Date: 05/12/2022

**REPORT ON 3 DAYS STUDENT DEVELOPMENT PROGRAM**

Three days students Development Program were successfully conducted in the Department of Mechanical Engineering from 01/12/2022 to 03/12/2022 in association with M/s Aqmenz Automation Pvt. Ltd., Bengaluru. Day wise report of SDP is as follows

Dignitaries on the Dias:

Dr Rakesh S G, Principal, Sir MVIT as chief guest

Dr K S Shanmukharadhya, Head of the Department

Mr. Mohan Shamanna, Resource Person

Mr. Mohamed Azar, Resource Person

The student Coordinator Mr. Puneeth Kumar gave the welcome address and extended warm welcome to all the dignitaries present & invited them to the dias with a banquet of flowers.

He also welcomed all the students' participants from the department of mechanical Engineering and also from other departments.

As regular practice, the program started with lightening of the lamp followed by an invocation – song by a group of girl students of V BE Mechanical Engg.

The resource Person Mr. Mohammed Azar addressed the participants about the program in brief.

The head of the department Dr K S Shanmukhardhya, addressed the students to make the best utilization of 3 days workshop and to gain the knowledge in terms of application of the programming tool 'Python'

Finally the Principal, Dr Rakesh S G gave the motivational speech addressing students that this programming tool is widely used in much application including automation. He concluded his speech with best wishes each & every one. Vote of thanks was given by the student coordinator Mr. Puneeth.

The student Coordinator

Mr. Puneeth Kumar

The Head of the Department

Dr K S Shanmukharadhya

Mr. Mohan Shamanna

Mr. Mohamed Azar

The Principal

Dr Rakesh S G

The Resource Person

Mr. Mohamed Azar

Mr. Mohan Shamanna

Dr K S Shanmukharadhya

Mr. Mohamed Azar

Mr. Mohan Shamanna

Dr Rakesh S G

Dr K S Shanmukharadhya

Mr. Mohamed Azar

Mr. Mohan Shamanna

Dr Rakesh S G



## Content of the SDP:

Day-1 8.00AM to 6.00PM	Session begin after a short tea-break. Mr. Mohammed Azar, the trainer took over the dias. and gave the introduction about the python programming and basic concepts of it
	Introduction to python programming scope & importance of Coding
	Installation of the software 'ANKONDA'
	Brief Introduction about python Programming & Applications
12.45PM to 1.30PM	Lunch Break
	Basic concepts of Python data types & Example programs
	Functions concepts & Application programs
	Looping in Python with Industrial Examples
	Lambda Function and Examples

Day-2 8.00AM to 6.00PM	Module concept used in python
	Pre-built Modules - time, math, random
	Project: Robotic Kinematic Calculations using Python
	Exceptional Handling with 'try-except'
12.45PM to 1.30PM	Lunch Break
	Structured Data Types - Lists, Tuples & Dictionaries. Introduction to Python Kit - ESP32 Microcontroller Board
	Pin Description and Peripherals interfaces introduction and usage
	Simple led blink program using python microcontroller interface

Day-3 8.00AM to 6.00PM	Industrial Application Projects, Bottle Sorting project in Bottle Industry
	Staircase Application Project, Sequential Motor Control Project
	Tea- Break
	Colour Mixing Paint Industry Project, Timer and counters programming using Python
	Packing Automation in Industry Projects
12.45PM to 1.30PM	Lunch Break
	Introduction to Machine Learning, Python Libraries - Numpy, Pandas, Matplotlib usage.
	Supervised and Unsupervised machine Learning, Test/Quiz
5.30PM to 6.15PM	Valedictory Function

*Mohammed Azar*

*Mohammed Azar*  
**PROFESSOR & HEAD**  
 Department of Mechanical Engineering  
 Sir M. Visvesvaraya Institute of Technology  
 Bengaluru-562 157



**Department of Mechanical Engineering**  
**Sir M. Visvesvaraya Institute of Technology, Bengaluru 56 2157**

The valedictory function started at 5.30PM @ ME seminar hall. The anchoring was done by the student coordinators. The HOD was the chief guest for the programme. The program involved, inviting the Chief guest & faculty coordinator to the dias. Three days summary of the workshop was briefed by the student Rishikesh of V semester Mechanical branch. Feedback form the students about their exposure in these 3 days programme was taken. The Hod addressed the students about worthiness of the workshop that they under went in these 3 days and thanked the management & the principal for their support extended and also participants who shown interest and came forward for participation. Finally the HOD presented the payment of Rs 30,000/- in cash to the Mr, Mohan Shamanna, the Founder & Mentor of Aqmenz Automation Pvt. Ltd.

A group photograph was taken at the entrance of Department of Mechanical Engineering with Poster at the back-ground.

*valdina*

**PROFESSOR & HEAD**  
Department of Mechanical Engineering  
Sir M. Visvesvaraya Institute of Technology  
Bengaluru-562 157

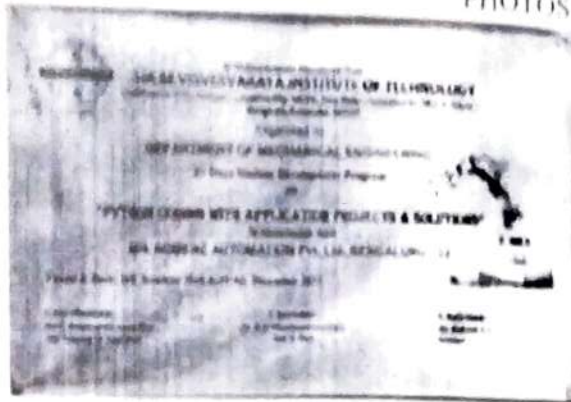




Department of Mechanical Engineering  
Sir M. Visvesvaraya Institute of Technology, Bengaluru 56 2157

1-Days Student Development Program (SDP) on 'PYTHON PROGRAMMING WITH APPLICATION PROJECTS & SOLUTIONS' in association with M/s Aqmenz Automation Pvt. Ltd., Bengaluru from 01/12/2022 to 03/12/22

PHOTOS OF SDP



Banner



Address by the Principal Prof. Rakesh S G



Welcoming the resource person Mr. Mohan Shamanna  
Founder & Mentor, Aqmenz Automation Pvt. Ltd., Bengaluru



Welcoming the resource person Mr. Mohammed Azar  
Mentor, Aqmenz Automation Pvt. Ltd., Bengaluru

*Signature*

*Signature*

PROFESSOR & HEAD  
Department of Mechanical Engineering  
Sir M. Visvesvaraya Institute of Technology  
Bengaluru-562 157



Students along with the staff



Hands on session of the event



Hands on session of the event



Hands on session of the event



Hands on session of the event

*Signature*

*Signature*





Department of Mechanical Engineering  
Sir M. Visvesvaraya Institute of Technology, Bengaluru 56 2157



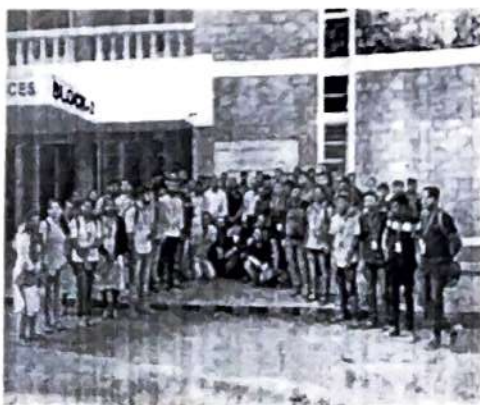
Valedictory function



Students participants in Valedictory



Feedback from the student-participant



Participants group photo with HOD & staff



Participants group photo with HOD & staff coordinators

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*Handwritten signature*  
**PROFESSOR & HEAD**  
Department of Mechanical Engineering  
Sir M. Visvesvaraya Institute of Technology  
Bengaluru-562 157

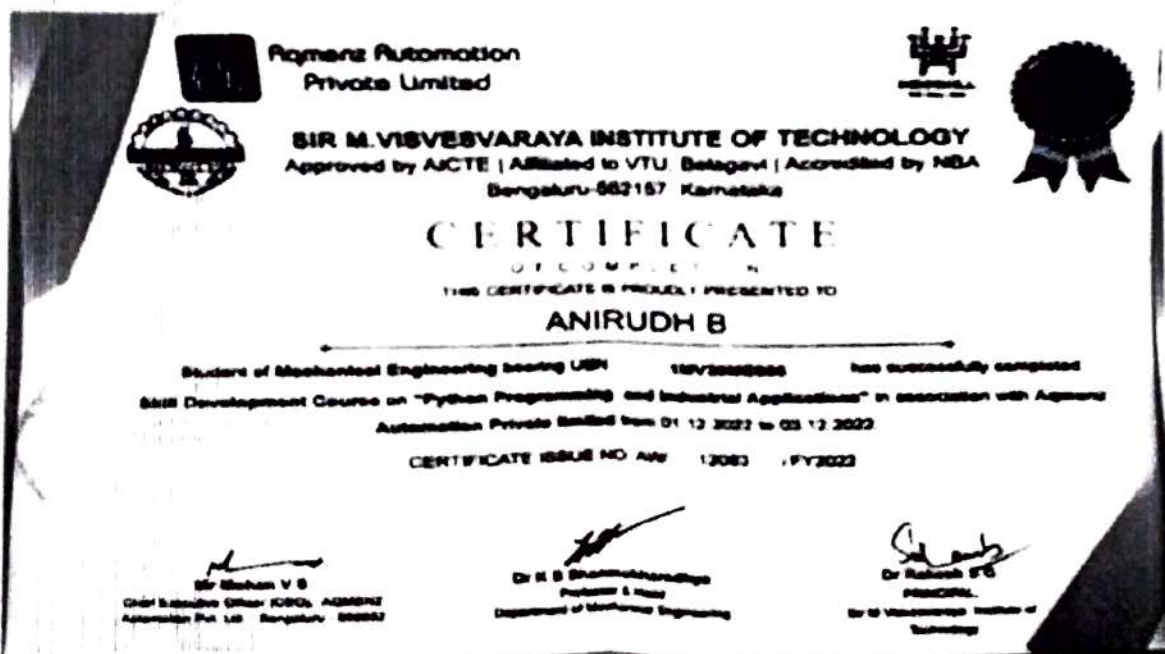


Department of Mechanical Engineering  
Sir M. Visvesvaraya Institute of Technology, Bengaluru 56 2157

Coordinators



Sample Certificate



Sample Certificate

7

**PROFESSOR & HEAD**  
Department of Mechanical Engineering  
Sir M. Visvesvaraya Institute of Technology  
Bengaluru-562157





Department of Mechanical Engineering  
Sir M. Visvesvaraya Institute of Technology, Bengaluru 56 2157

Sl.N o	CO's
CO1	Able to understand, learn & apply the basics programming concepts of Python programming tools
CO2	Ability to apply the python coding skills on hardware microcontroller and solve industry related applications
CO3	Summarization of concepts of machine learning and deep learning

Student List:

Sl. No.	USN	NAME OF THE STUDENT	0	1	2	3	Sig
<b>7<sup>th</sup> Semester Mechanical Engineering</b>							
1	1MV19ME031	M TINKU RAJKUMAR				3	
2	1MV19ME010	BASAMMA				3	
3	1MV20ME407	MAHESH AINAPURE				3	
<b>5<sup>th</sup> Semester Mechanical Engineering</b>							
1	1MV20ME001	ABHILASH G S				3	
2	1MV20ME002	ABHISHEK S				3	
3	1MV20ME006	ANIRUDH B				3	
4	1MV20ME009	BHASKAR M.L				3	
5	1MV20ME012	DHANUSH S				3	
6	1MV20ME013	DHARSHAN YADAV K				3	
7	1MV20ME015	DINESH M				3	
8	1MV20ME016	DIVYA K				3	
9	1MV20ME017	HARISH VERMA				3	



Department of Mechanical Engineering  
Sir M. Visvesvaraya Institute of Technology, Bengaluru 56 2157

Sl. No.	USN	NAME OF THE STUDENT	PO3	PO5	PO9	PO12	Sig
10	1MV20ME018	JEEVANKUMAR C R	0	1	2	3	
11	1MV20ME020	KISHOR KUMAR R				3	<i>[Signature]</i>
12	1MV20ME022	LAKSHMISHA R	<i>[Mark]</i>	<i>[Mark]</i>	<i>[Mark]</i>	3	<i>[Signature]</i>
13	1MV20ME023	M S PRAVEEN SAI	<i>[Mark]</i>	<i>[Mark]</i>	<i>[Mark]</i>	3	<i>[Signature]</i>
14	1MV20ME024	MALLIKARJUNA SAJJAN				✓	<i>[Signature]</i>
15	1MV20ME026	NISHANTH KALYAN N				3	<i>[Signature]</i>
16	1MV20ME028	PRANOY JASON DSOUZA				3	<i>[Signature]</i>
17	1MV20ME031	RAJEEV K L				✓	<i>[Signature]</i>
18	1MV20ME032	RAKESH N				✓	<i>[Signature]</i>
19	1MV20ME033	RISHIKESH				3	<i>[Signature]</i>
20	1MV20ME034	SACHIN AGARWAL				3	<i>[Signature]</i>
21	1MV20ME035	SHANTAVEER				3	<i>[Signature]</i>
22	1MV20ME036	SHOAIB AFFAN M				3	<i>[Signature]</i>
23	1MV20ME037	SHREYAS BELLIAPPA K K				3	<i>[Signature]</i>
24	1MV20ME038	SRUJAN K				3	<i>[Signature]</i>
25	1MV20ME039	SUHAS N M				3	<i>[Signature]</i>
26	1MV20ME040	SUKSHITH VIDYASAGAR SHIVALENKAMATH				3	<i>[Signature]</i>
27	1MV20ME041	SURAJ CHAVAN				3	<i>[Signature]</i>
28	1MV20ME043	VARUNA B				3	<i>[Signature]</i>
29	1MV20ME044	VENKATESH				3	<i>[Signature]</i>





Department of Mechanical Engineering  
Sir M. Visvesvaraya Institute of Technology, Bengaluru 56 2157

Sl. No.	USN	NAME OF THE STUDENT	0	1	2	3	Sig
30	1MV20ME045	VISHWAS RAO K	0	1	2	3	✓ [Signature]
31	1MV21ME400	AJAYKANTH G V					✓ [Signature]
32	1MV21ME403	ARAVIND CHANDRAKANTH BHUSE					✓ [Signature]
33	1MV21ME405	CHARAN KUMAR S					✓ [Signature]
34	1MV21ME406	CHETHAN K					✓ [Signature]
35	1MV21ME407	DANESH UPPALADINNI					✓ [Signature]
36	1MV21ME408	DARSHAN N					✓ [Signature]
37	1MV21ME409	DEEPAK RAJU N					✓ [Signature]
38	1MV21ME405	CHARAN KUMAR S					✓ [Signature]
39	1MV21ME410	DIVAKARABABU G S					✓ [Signature]
40	1MV21ME411	GURUKIRAN K					✓ [Signature]
41	1MV21ME412	HANISH N					✓ [Signature]
42	1MV21ME413	HAREESHA V A					✓ [Signature]
43	1MV21ME414	HARIHARAN S					✓ [Signature]
44	1MV21ME415	HEMANTH S					✓ [Signature]
45	1MV21ME416	KIRAN					✓ [Signature]
46	1MV21ME417	KOUSTUBHA VISHNU S					✓ [Signature]
47	1MV21ME418	M NITHISH KUMAR					✓ [Signature]
48	1MV21ME419	MADHU J S					✓ [Signature]
49	1MV21ME420	MAHANTHESHA M H					✓ [Signature]

Sl. No.	USN	NAME OF THE STUDENT	0	1	2	3	Sig
50	1MV21ME421	MAHESH R				✓	Mahesh
51	1MV21ME423	MEENA H E				3	Meena
52	1MV21ME424	MOHAMMED ADNAN SHARIFF				✓	Adnan
53	1MV21ME425	MOHAMMED SAMI UDDIN				✓	Sami
54	1MV21ME426	NANDAN KUMAR N				✓	Nandan
55	1MV21ME429	PAVAN KALMADI K A				✓	Pavan
56	1MV21ME430	PAVAN KUMAR D A				✓	Pavan
57	1MV21ME431	PUNEETH J				✓	Puneeth
58	1MV21ME432	RAKSHITHA B				3	Rakshitha
59	1MV21ME433	RAVITEJA B				✓	Raviteja
60	1MV21ME434	RISHEEK KAMBLE				3	Risheek
61	1MV21ME435	SACHIN PATIL				3	Sachin
62	1MV21ME436	SAGAR P KALLAPUR				3	Sagar
63	1MV21ME438	SHIV KUMAR				✓	Shiv
64	1MV21ME439	SIRISHA S				✓	Sirisha
65	1MV21ME440	SUMEET HUGAR				✓	Sumeet
66	1MV21ME443	TEJAS S				✓	S. Tejas
67	1MV21ME444	TEJESH D				✓	Tejesh
68	1MV21ME445	U SANDESH					U Sandesh
69	1MV21ME446	UMESH S				✓	Umesh

*Umesh*

PROFESSOR & HEAD





Department of Mechanical Engineering  
Sir M. Visvesvaraya Institute of Technology, Bengaluru 56 2157

Sl. No.	USN	NAME OF THE STUDENT	0	1	2	3	Sig
70	1MV21ME447	VIJAYA KUMAR K R	0	1	2	3	
71	1MV21ME448	YASHWANTH M				3	
72	1MV21ME449	YOGESH G E				✓	
73	1MV21ME450	YOGESH H K				3	
3 <sup>rd</sup> Semester Mechanical Engineering							
1	1MV21ME003	AMAN KISHOR MADGAONKAR				3	
2	1MV21ME008	ARUN				3	
3	1MV21ME010	K R PRATHISH				3	
4	1MV21ME012	KHIM BAHADUR SINJAPATI				3	
5	1MV21ME013	KIRAN R				3	
6	1MV21ME018	POORNA CHANDRA TEJASVI S				3	
7	1MV21ME022	SAM PAUL JOSE				3	
8	1MV21ME023	SHAGNIK BHATTACHARJEE				3	
9	1MV21ME025	SUDARSHAN R				3	
10	1MV21ME026	SURYA K C				3	
11	1MV21ME027	SUVINEETH A				3	
12	1MV21ME028	TANMAY PATHAK				3	
13	1MV21ME029	VARUN R				3	
14	1MV21ME030	VIKASA M				3	

IndoSkill Feedback Form  
Cumulative Report



Batch: 5th sem, Department of Mechanical Engineering, Sir MVIT, Bengaluru  
Workshop: Python Programming with Application Projects & Solutions  
Date: 1st to 3rd December 2022

No. of Students Feedback Responses: 78

Rating: 5 – Excellent, 4 – Very Good, 3 – Good, 2 – Fair, 1 – Poor

Sl no	Questions	Overall Rating (out of 5)
1	The content shared was valuable and was clear and to the level of my understanding	4.62
2	The training is applicable to my role and will support me in my functional role	4.50
3	The trainer was able to give me hands-on experience and demo which made it easier for me to follow	4.72
4	The training was structured and time management was well planned	4.47
5	How knowledgeable was the trainer	4.82
6	The presentation was good and queries/doubts raised were answered	4.74
7	Overall Rating	4.65

**Feedback link:**

[https://docs.google.com/forms/d/11zNa7VPpOsjUxPBNU\\_XQbqUCdKZa3tU9s3qllFyLP-4/edit](https://docs.google.com/forms/d/11zNa7VPpOsjUxPBNU_XQbqUCdKZa3tU9s3qllFyLP-4/edit)

**Response Sheet link:**

[https://docs.google.com/spreadsheets/d/1gOJq0GK-PR9KXazwrtBuR5ruwVdGHf4euXAs-q-2\\_amU/edit#gid=52999204](https://docs.google.com/spreadsheets/d/1gOJq0GK-PR9KXazwrtBuR5ruwVdGHf4euXAs-q-2_amU/edit#gid=52999204)



[www.IndoSkill.in](http://www.IndoSkill.in)

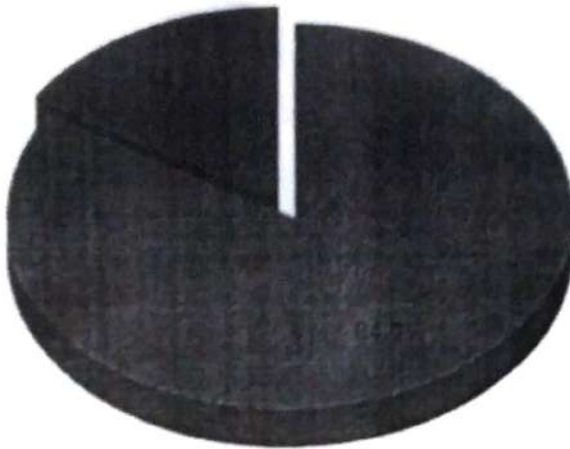
For IndoSkill  
Mohammed Azhar Hussain  
Ph: 9738802359 / 9743396604  
CTO - Aqmenz Automation Pvt Ltd  
Bangalore - 32



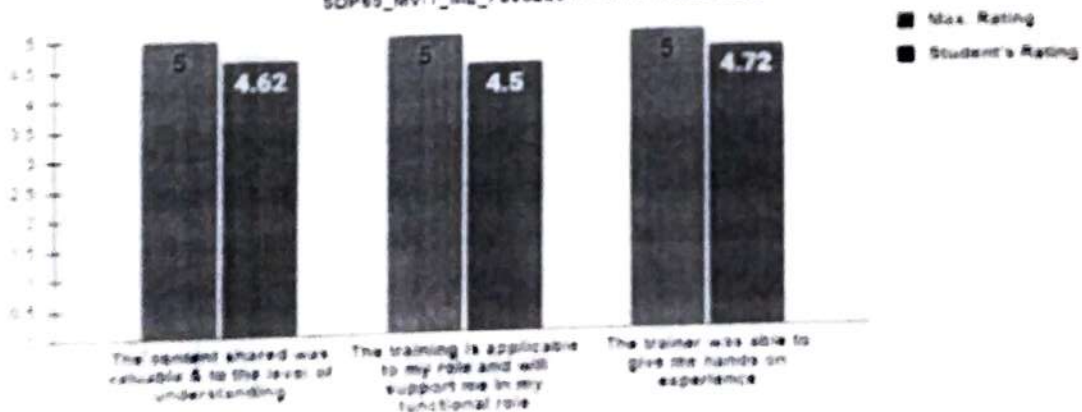
## Student's Feedback:

SDP65\_MVIT\_ME\_Feedback - 1st to 3rd Dec 2022

- Students Interested to Join AIML & Blockchain Workshops in Future
- Not Interested Students



SDP65\_MVIT\_ME\_Feedback - 1st to 3rd Dec 2022



BT

**SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY, BANGALORE**  
**DEPARTMENT OF MECHANICAL ENGINEERING**

28.04.2022

Submitted to the Principal:

Through: Proper channel



**Subject :** Request for approval to conduct "3 days National Level Workshop on Design and Development of Quadcopter UAV with Payload Delivery" for the Students and Sanction of Rs. 16,600=00 (Rupees Sixteen thousand six hundred only) for the same.

With reference to the above, we would like to conduct a 3 days National Level Workshop on Design and Development of Quadcopter UAV with Payload Delivery for our students and students from other colleges, to enhance their domain knowledge and employability skills.

Mr. A.J. Arun Jeya Prakash Co-Founder & CEO Aviocian Technologies Pvt. Ltd. New Delhi is the resource person.

This programme is planned to be conducted in the month of June 2022 for 3 days. This programme has been planned to provide the knowledge in UAV/Drone technologies and make the students to innovate new ideas & products for the betterment of mankind. Importance of this programme and approximate budget details are herewith enclosed.

This National level workshop is being organized to celebrate the Silver Jubilee Year of Visvesvaraya Technological University, which came into existence in 1998. This workshop is envisioned to realize Sustainable Development Goals (Quality Education & Gender Equality) as accepted by NITI Ayoga of Government of India

Hence, we request your kind self to accord your perusal to carry out the same by providing financial assistance of **Rs. 16,600=00** (Rupees Sixteen thousand six hundred only).

Kindly do the needful &amp; Oblige.

*Submitted to the principal.***Co-ordinators :**

1. Dr. V. Shantha
2. Mr. Mahaboob Basha D

**Co-Cordinators :**

1. Mr. Khalique Ejaz Ahmed
2. Mr. Janardhan K
3. Asha Rani A

**Mentor:** Dr.K.S. Shanmukharadhya

Encl:

1. VTU Circular
2. About the Company, workshop & Resource person
3. Programme Schedule
4. Budget Proposal

*Respected Sir*  
*The workshop has been planned as per the direction of VTU to celebrate the Silver jubilee year of the University. The topic is very useful to the Students of MECH/ECE/EEE/TE/ CIVIL. The workshop fee will be collected from the participants. We request the difference amount of Rs 16,600/- to organise the workshop. Details are enclosed in your kind reference.*

PROFESSOR &amp; HEAD

*10/6/22*  
 HOD, MECH  
 Sir M Visvesvaraya Institute of Technology  
 Bangalore-562 157

*Recommended by Re with following conditions:*

*Since M/S Aviocian Technologies is collecting a registration fee of Rs 2500/- per participant, he may absorb the incidental expenses upto 30%, without any further financial support.*





**SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY  
BANGALORE – 562 157**

**DEPARTMENT OF MECHANICAL ENGINEERING**

**Three days National Level Workshop**

**“Design and Development of Quadcopter UAV with Payload Delivery”**

The workshop of UAV was conducted on 15-12-2022 to 17-12-2022, Mr Arun Jeya Prakesh Director and CEO of Aviocian Technologies Pvt. Ltd was the Resource Person.

The workshop was divided into the following phases like

- Concept Orientation: Understanding Drone, Physics, Avionics, Challenges involved.
- Design and Simulation: 3D Model Design, Structure Analysis of Quadcopter Drone.
- Hands on Practical: Developing a complete Quadcopter Drone with all calibration and integration.
- Application of Drone for payload delivery.

The highlights of this workshop was

- It's open to all branches of Engineering.
- Drone Design, Analysis, hands on experience.

Concept Orientation: Understanding Drone, Physics, Avionics, Challenges involved in Design and Simulation, 3D Model Design, Structure Analysis of Quadcopter Drone. Hands on Practical Developing a complete Quadcopter Drone with all calibration and integration.

The students were Inspired and obtained knowledge in various new technologies and innovative ideas. Mentor: Dr. K S Shanmukharadhya, HOD

Faculty Coordinators Dr V Shantha  
Mr K Ejaz Ahmed  
Mr Janardhana K  
Mrs Asha Ram







**SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY, BANGALORE**  
**DEPARTMENT OF MECHANICAL ENGINEERING**

Date: 17.12.2022

**Feedback**

**“Design and Development of Quadcopter UAV with Payload Delivery”**

The workshop of UAV was conducted on 15-12-2022 to 17-12-2022

Student Name: Puneeth. J

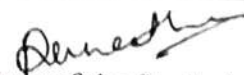
USN: 1MV21ME42

Semester/ Branch: ME / 6th

Contact No.: 959087753

Email id.: puneethj81@gmail.com

Sl. No		Excel lent	Very Good	Good	Satisf actory
1	Topic selected for the program	✓			
2	Demonstration Professionalism		✓		
3	Did the program enhance your Placement Skills in Individual & team work?	✓			
4	Did the program enhance your skills in communicating effectively with the engineering community?	✓			
5	Does the obtained knowledge is useful in understanding the engineering & Placement activities?		✓		
6	Overall how would you rate this program?	✓			
Any Suggestions to improve: <u>Few more SDPs in future</u>					

  
Signature of the Student



Sri Krishnadevaraya Educational Trust's  
Sir M. Visvesvaraya Institute of Technology, Bengaluru  
&

Aviocian Technologies Pvt. Ltd., New Delhi



# CERTIFICATE

OF PARTICIPATION



This is to certify that ~~Dr./Mr./Ms.~~ Puneeth J has participated in the Three Days Workshop on "DESIGN & DEVELOPMENT OF QUADCOPTER DRONE FOR PAYLOAD DELIVERY" organized by the Department of Mechanical Engineering at Sir M. Visvesvaraya Institute of Technology, Bengaluru from 15th Dec. 2022 to 17th Dec. 2022.

**A. J. Arun Jeya Prakash**  
Director & CEO  
Aviocian Technologies Pvt. Ltd

**Dr. K. S. Shanmukharadhya**  
Prof. & Head, Dept of Mech  
Engg. Sir MVIT

**Prof. Rakesh S C**  
Principal  
Sir MVIT

*Coordinators: Dr. V. Shantha, K. Ejaz Ahmed, Janardhana K, Asha Rani A*

IQAC COORDINATOR  
SIR M. VISVESVARAYA INSTITUTE  
BENGALURU



Sir M. Visvesvaraya Institute of Technology, Bengaluru-562157

Department of Mechanical Engineering



Date: 20-06-2023

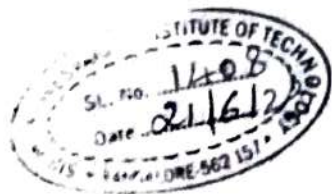
SUBMITTED TO THE PRINCIPAL:

Subject: Permission to organize Four Day Student Development Programme during 26/06/2023 to 30/06/2023- Tentatively.

**Purpose/Justification of SDP:** With respect to the above subject the following coordinators from Department of Mechanical Engineering would like to organize Four day student development program in the department of Mechanical Engineering on "REAL-WORLD MACHINE LEARNING APPLICATIONS - DEVELOPMENT & DEPLOYMENT" in association with M/S Aqmenz Automation Pvt. Ltd., Bengaluru-32 for 4<sup>th</sup> & 6<sup>th</sup> semester mechanical engineering students. M/S Aqmenz Automation Pvt. Ltd., has been identified as resource company in giving successful hands on training in Machine Learning & its applications. They have also given successful training at various universities/ institution like M S Ramaiah Institute of Technology, Reva university, Nitte Meenakshi Institute of Technology, Gitam, JSSATEB, BMSIT, EWIT, Sapthagiri engineering college, Acharya Institutes etc.

The objective of this SDP is mainly to focus on training of students to develop coding skills in Machine Learning with hands on session. Machine Learning is a branch of Artificial Intelligence (AI) which focuses on the use of data and algorithms to imitate the way that humans learn, gradually improving its accuracy. This particular programme will be very helpful for mechanical engineering students studying subjects like mechatronics and also for the students who take up inter-disciplinary subjects under open electives schemes. Student will get benefitted in terms of knowledge & skills which will help them to undertake various mechatronics based innovative projects. Keeping this in mind, this particular student development programme has been identified.

The details of the SDP are enclosed hereby for your kind perusal. We request you to kindly give the permission to conduct this Four Day SDP without involving financial assistance from the management.



Permitted  
Sub 1  
21/6

ME

IQAC COORDINATOR  
SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY  
BENGALURU-562157



Sri Krishnadevaraya Educational Trust  
Sir M. Visvesvaraya Institute of Technology, Bengaluru-562  
157  
Department of Mechanical Engineering

Date: 03/07/2023

**REPORT**  
**ON**  
**4-DAYS STUDENT DEVELOPMENT PROGRAM ON**  
**"REAL-WORLD MACHINE LEARNING APPLICATIONS -**  
**DEVELOPMENT & DEPLOYMENT"**  
**IN**  
**ASSOCIATION WITH AQMENZ AUTOMATION PVT. LTD., BENGALURU**

Day-1 26/06/2023 (9.00am TO 4.15PM)	
9.00AM To 9.30 AM	<b>STUDENT REGISTRATIONS FROM 9.00AM TO 9.30AM</b>  <b>TOTAL NUMBER OF REGISTRATIONS: 74</b>
9.40AM To 10AM	<ul style="list-style-type: none"> <li>➤ Inaugural function – Welcome address by the student Mr Puneeth – USN:</li> <li>➤ Motivational address by the Head of the Department Dr K S Shanmukharadhya</li> <li>➤ Introduction to the program by Mr. Mohammad Azar, Resource person</li> <li>➤ Vote of Thanks Dr G Balakumar, Assoc. Prof., Faculty coordinator</li> </ul>
10AM To 10.15AM	<b>Teak Break</b>
<b>Forenoon Session:10.15AM TO 12.50PM</b>	
10.15 AM To	What is Machine Learning & its Applications, Anaconda & Spider IDE Installation, Numpy Library: Numpy arrays, Mathematical & statistical functions.

12:50PM	Pandas Library: Series & Data Frames creation, Data Exploration Methods - indexing, Slicing, Filtering, Merge, Apply and concat functions
12:50AM To 1:35PM	<b>Lunch Break</b>
	<b>Afternoon Session: 1:35PM TO 4:15PM</b>
1:35PM To 3:00PM	Example Project1: Data Exploration & Analysis on Titanic Dataset, Matplotlib graphs: Line graph, Scatter plot, bar graph, Histogram & Pie chart, Graphs in Seaborn Library - - 1
3:00PM To 3:15PM	<b>Teak Break</b>
3:15PM To 4:15PM	Distplot, Box Plot, Countplot & Heatmap, Data wrangling in Machine Learning, Example Project2: Data cleaning of Big Mart & Titanic Dataset, Assessment

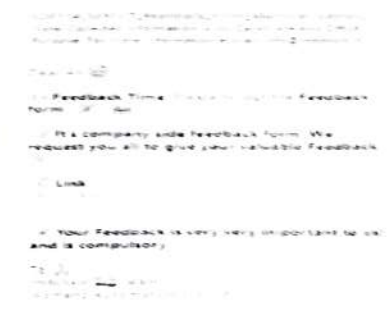
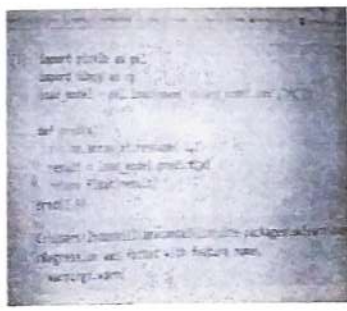
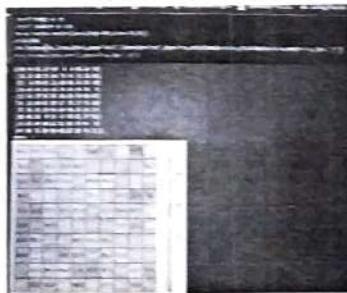
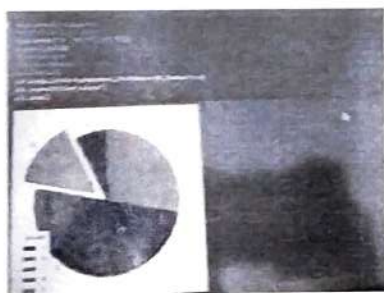
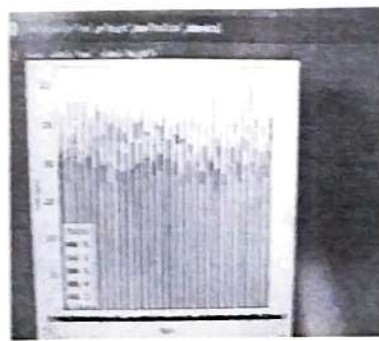
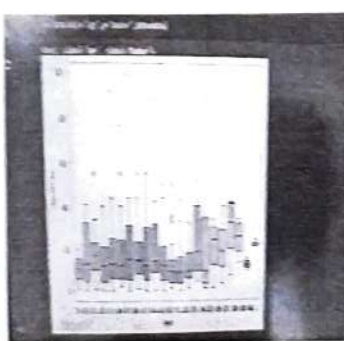
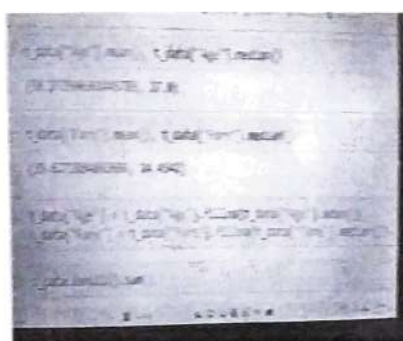
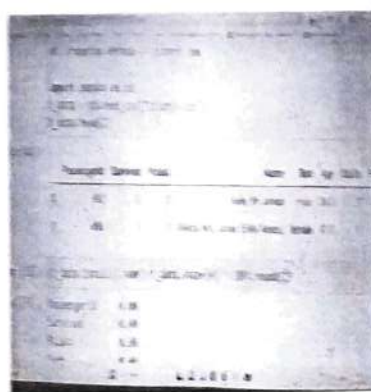
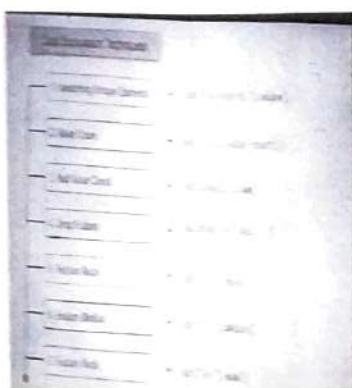
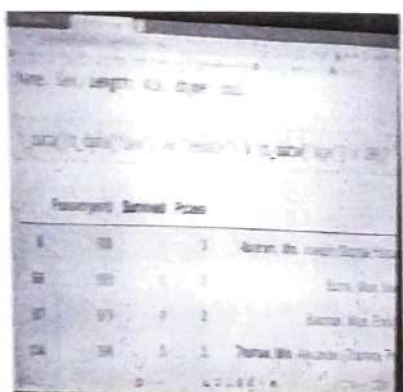
<b>Day-2</b> <b>27/06/2023</b>	<b>Forenoon Session: 9:00AM TO 12:50 PM</b>
9:00AM To 11:00AM	Data visualization - Univariate, Bivariate & Multivariate Analysis, Feature Engineering with Practical Example, Data Encoding Methods: Labeling, One hot
11AM To 11:15AM	<b>Teak Break</b>
11:15 AM To 12:50PM	Binary with practical projects, Train Test Split in Machine Learning, Feature Scaling with Example Projects
12:50PM To 1:35PM	<b>Lunch Break</b>
	<b>Afternoon Session: 1:35PM TO 4:15PM</b>
1:35PM To 3:00PM	Machine Learning Models - Regression & Classification, Introduction to Regression Models - Linear Regression, Multilinear Regression, SVR
3:00PM To 3:15PM	<b>Teak Break</b>
3:00PM To 4:15PM	Project 1: Salary Prediction based on Experience, Project 2: Predictive model building for Sales based on Advertising features, Assessment - 2



<b>Day-3</b> <b>28/06/2023</b>	<b>Forenoon Session: 9.00AM TO 12.50PM</b>
9.00AM To 11.00AM	Classification Models - Logistic Regression, Decision Tree Classifier, Random Forest, KNN, Project 3: Lung Cancer Prediction using Classification Models & Deployment
11AM To 11.15AM	<b>Teak Break</b>
11.15 AM To 12.50PM	Project 4: Classification of Iris species using SVM, KNN & Decision Tree, Git Hub Installation, GitHub Setup & Remote Repository Creation, Pushing the Repositories to GitHub Server
12.50PM To 1.35PM	<b>Lunch Break</b>
	<b>Afternoon Session: 1.35PM TO 4.15PM</b>
1.35PM To 3.00PM	Streamlit Library installation, Introduction to Model Deployment & cloud Platforms, Model Deployment on Production Server using streamlit
3.00PM To 3.15PM	<b>Teak Break</b>
3.00PM To 4.15PM	Car Sales Prediction using Linear Regression & Deployment using streamlet, Assessment-3,

<b>Day-4</b> <b>28/06/2023</b>	<b>Forenoon Session: 9.00AM TO 12.50PM</b>
9.00AM To 11.00AM	Project Allocation - each student will be allocated a project. Project abstract Preperation
11AM To 11.15AM	<b>Teak Break</b>
11.15 AM To 12.50PM	Project Data collection & reading, Project code optimization.
12.50PM To 1.35PM	<b>Lunch Break</b>
	<b>Afternoon Session: 1.35PM TO 4.30 PM</b>
1.35PM To	Project Deployment - Streamlit or Gradio platform

### GLIMSE OF THE 4-DAYS SDP







**DEPARTMENT OF MECHANICAL ENGINEERING**  
Organizes  
**4 - Days Student Development Program on  
REAL-WORLD MACHINE LEARNING APPLICATIONS  
DEVELOPMENT & DEPLOYMENT**

In association with  
**M/s AQMENZ AUTOMATION PVT. Ltd.**  
**BENGALURU - 32**  
**RESOURCE PERSONS**

26th - 28th & 30th  
JUNE 2023  
Mechanical Engineering  
Seminar Hall

**Mr. Mohammed Azhar Hussain**  
Co-Founder & CTO  
Aqmenz Automation Pvt. Ltd.  
**Mr. Mohan Shamanna**  
Founder & Chief Mentor  
Aqmenz Automation Pvt. Ltd.



**COORDINATORS**

**CONVENER**  
**Dr. K. S. Shanmukharadhy**  
Prof. & Head, Dept. of ME

**Dr. G. Balakumar**  
Assoc. Prof., Dept. of ME

**Mr. Nataraj M.**  
Asst. Prof., Dept. of ME

**Mr. Madhukumar K.**  
Asst. Prof., Dept. of ME

**STUDENT COORDINATORS**

**RISHIKESH**  
Ph. No. - 9380409110

**PUNEETH J**  
Ph. No. - 9590577532

**Poster**

		
HoD, Coordinator & resource persons on dias	Welcoming Our HoD Dr K S Shanmukharadhy	Welcoming The resource Person Mr. Mohammad Azhar from Aqmenz Automation Pvt. Ltd.
		
Welcoming The resource Person Mr. Vijay from Aqmenz Automation Pvt. Ltd.	Liting the lamp by HoD	Liting the lamp by the students- participants



Welcome address by the student coordinator



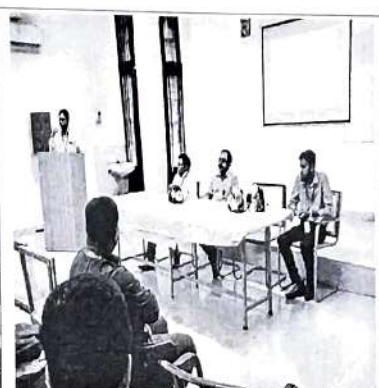
Address by the HoD



Staff & Student-Participants



Introduction talk by the Resource person Mr. Mohammad Azhar ,

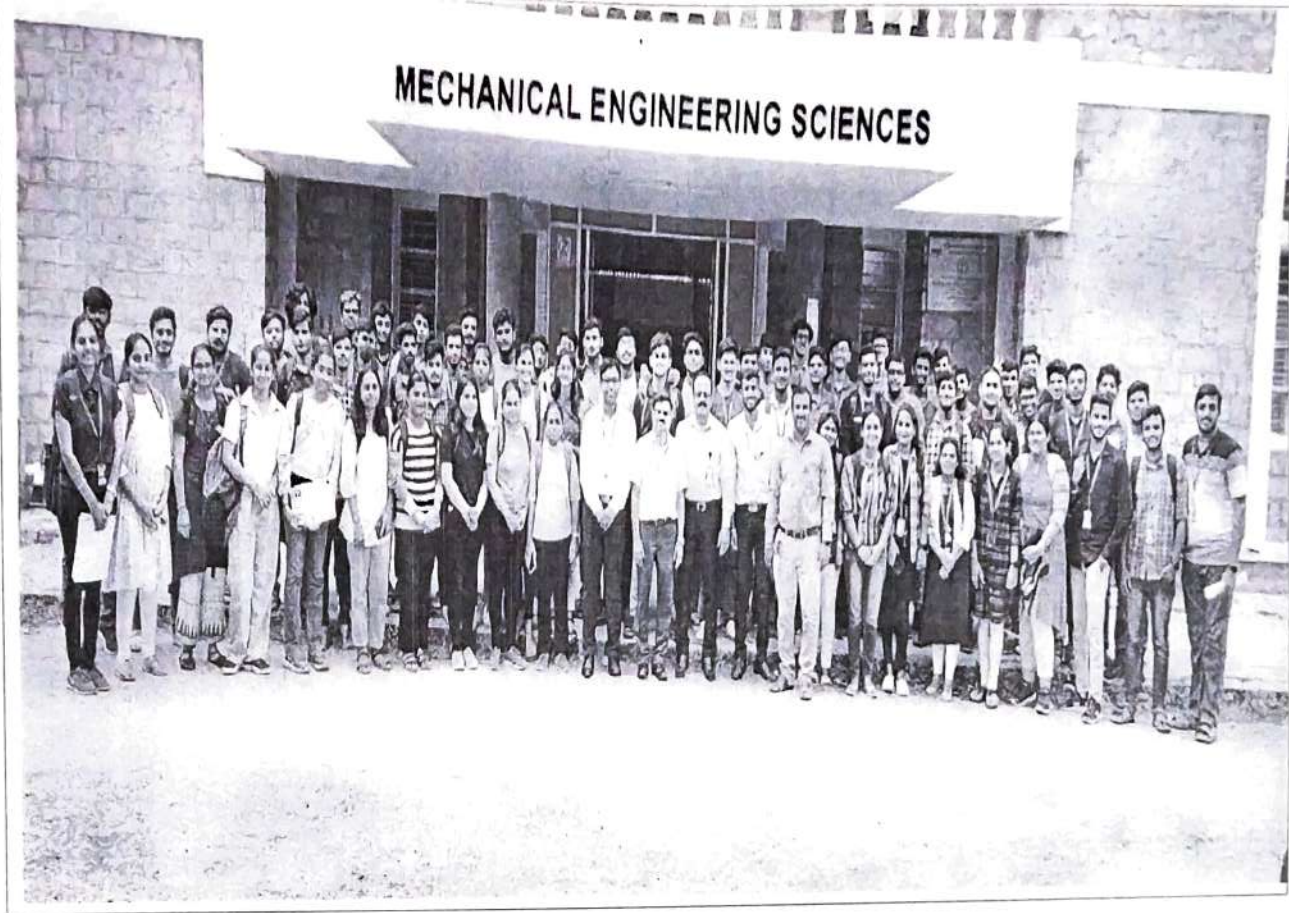


Vote of Thanks by the faculty coordinator




Hands on session







### Staff- Coordinators:


  
Dr G Balakumar  
Assoc. prof

  
Nataraj M  
Assit. Prof.

  
K Madhukumar K  
Assit. Prof.

  
12.07.2023  
HoD

**PROFESSOR & HEAD**  
Department of Mechanical Engineering  
Sir M. Visvesvaraya Institute of Technology  
Bengaluru-562 157

  
**IQAC COORDINATOR**  
SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY  
BENGALURU-562 157



**Sir M. Visvesvaraya Institute of Technology – Bengaluru**

**Department of Mechanical Engineering**

**Date: 13.03.2023**

**Training Program  
For  
Faculty and Students  
on  
“NX – CAD/CAM/CAE”**

**Date: 14 – 18, March – 2023**

**Time: 10 am – 04 pm**

**Venue:  
Siemens Advanced Analysis Laboratory (M205)**

**Program Coordinator:**

Dr. Prashant S Humnabad  
PI – AICTE MODROB Project  
Assistant Professor  
Department of Mechanical Engineering  
Sir MVIT, Bengaluru - 562157

  
**IQAC COORDINATOR**  
SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY  
BENGALURU - 562 157



## Event Report

Title of the Event	Training program for faculty and students on NX – CAD/CAM/CAE
Event Organizer(s)	Dr. Prashant S Humnabad, Asst. Professor, Dept. of Mechanical Engineering
Event Venue	Siemens Advance Analysis Lab (M205), Department of Mechanical Engineering.
Event Start Date	14.03.2023
Event End Date	18.03.2023

### Event Objectives

Hands on Training on NX – CAD/CAM/CAE Tools

NX (CAM) empowers designers to achieve faster results using more virtual product models and fewer, costly, physical prototypes. This powerful and flexible product development solution delivers products “right to the market, first time.”

### 1. Assemblies

Multiple automotive suppliers and industrial design firms have reported a reduction in design time by 50%, and some up to 65%. NX has led to a reduction in the number of design recycles, as well as better analysis.

Assembly design is one key factor in reducing design time. With so many different parts working together, NX gives you the flexibility to work top-down or bottom-up, and access any part of the hierarchy.

And, with a “design in context” approach, you can quickly test ideas and new designs without changing multiple parts—those parts update for you.

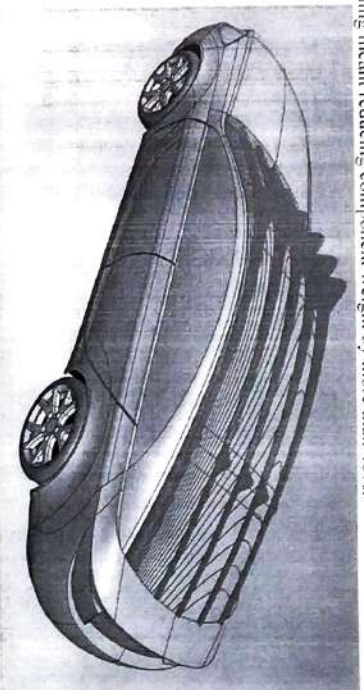


### 2. Modeling

Powerful, innovative modeling tools are a must for creating the multiple surfaces of a car body.

NX supports modeling of both complex surfaces and solid models, and has more advanced freeform modeling capabilities.

For one company, specializing in advanced composites-based vehicles, modeling in NX means faster analysis and faster design iterations and alternatives. That improvement in modeling meant reducing component weight by more than 40%.



### 3. Shape Design

Think about the different shapes, curves and cuts necessary in making a car today. How are side mirrors formed? Spoilers? Or the unique look of some hoods and doors?

NX Realize Shape software is dynamic and intuitive: you can create new shapes based on simple designs just by extruding, sweeping, lofting and revolving its features. You also have freeform shape design, similar to the freeform modeling capabilities. You can use simple tools to create quick concepts for initial design intent, then edit from there. This includes creating curves on surfaces and direct surface modeling.

### 4. Rendering

Render designs and design changes before manufacturing them. You can use specific real-world materials that features will be made from.

With unique rendering capabilities, you can skip costly prototyping steps, shortening design cycles. Using NX for design and Teamcenter for data management, one major automobile manufacturer improved their development cycle from 20 months to 10.5 months, and found that there were 80% fewer issues after vehicles were released.

High-quality rendering tools allow you to communicate your designs clearly and create images that can be used throughout design and manufacturing processes. This ensures that all team members are efficient and accurate in their communication.





## 5. Sheet Metal Design

Create sheet metal component models using specific, feature-based tools for tabs, flanges and other necessary features. Sheet metal tools can be used to generate accurate flat pattern data for downstream applications from solids, sheets and wireframe geometry.

NX offers high-performance modeling, drafting and assembly design- powered by Synchronous Technology -that can't be beat. The product design tools, as well as potential data management capabilities, make this a complete solution, from design to production.

**Name of the Event Coordinator(s):** Dr. Prashant S Humnabad

**Designation:** Assistant Professor

**Signature:**

**Name of the Event Chair/HoD:** Dr. K S Shanmukharadhya

**Designation:** - HOD - MED

**Signature:**

**PROFESSOR & HEAD**

Department of Mechanical Engineering

Sir M. Visvesvaraya Institute of Technology

Bengaluru-562 157

## Related photographs



NX-CAD hands on session



  
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BENGALURU - 562 157






**Sri Krishnadevaraya Educational Trust**  
**Sir M. Visvesvaraya Institute of Technology, Bengaluru-562 157**  
**Department of Mechanical Engineering**

**2022\_23**

Sl.No	USN	STUDENT NAME	Enrolled for SDP/Course/ etc	Date
1	1MV20ME008	Bharatha H S	Auto Desk Fusion 360	01.06.2023-10.07.2023
2	1MV20ME024	Mallikarjan Sajjan	Auto Desk Fusion 360	01.06.2023-10.07.2023
3	1MV20ME025	Mayur Prakash	Auto Desk Fusion 360	01.06.2023-10.07.2023
4	1MV20ME044	Venkatesh	Auto Desk Fusion 360	01.06.2023-10.07.2023
5	1MV21ME440	Sumeet Hugar	Auto Desk Fusion 360	01.06.2023-10.07.2023
6	1MV20ME006	Anup Nirmal Abraham	Auto Desk Fusion 360	01.06.2023-10.07.2023

  
**PROFESSOR & HEAD**  
Department of Mechanical Engineering  
Sir M. Visvesvaraya Institute of Technology  
Bengaluru-562 157

  
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BENGALURU - 562 157



## CERTIFICATE OF COMPLETION

### CONGRATULATIONS

You have successfully completed an Autodesk® Authorized Training Center® course specifically designed to verify your training requirements. Autodesk Training Center Authorized Center, quality training experience with courses related to Autodesk products offering relevant content and comprehensive resources. Autodesk's goal is to help create, imagine, design, and create a better world.

Certificate No.

AUTODESK AUTHORIZED CENTER

Student Name

Course Title

Completion Date

Completion Score

Autodesk Training Center Authorized Center

VCADCENTER

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Authorized Training Center



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Certificate No. APO918097427565239632

SURESH K

3D CAD/LAM DESIGN

01-JUNE-2023

CAD CENTER, SRIJAN EDUCATIONAL ENTERPRISES (P) LTD.  
AUTODESK AUTHORIZED TRAINING CENTER

3D CAD/LAM DESIGN

01-JUNE-2023

41-180 HOURS

CAD CENTER

**AUTODESK**  
Authorized Training Center



## CERTIFICATE OF COMPLETION

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Certificate No. APO918097427565239631

RAJESH K

3D CAD/LAM DESIGN

01-JUNE-2023

CAD CENTER, SRIJAN EDUCATIONAL ENTERPRISES (P) LTD.  
AUTODESK AUTHORIZED TRAINING CENTER

3D CAD/LAM DESIGN

01-JUNE-2023

41-180 HOURS

CAD CENTER

**AUTODESK**  
Authorized Training Center

  
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SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY  
BENGALURU - 562 157

  
PROFESSOR & HEAD  
Department of Mechanical Engineering  
Sir M. Visvesvaraya Institute of Technology  
Bengaluru-562 157



**SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY**  
**Bengaluru-562157**

**Department of Computer Science & Engineering**

**2022-23**

Sl. No.	Name of SDP	Date(From-to)	Number of students enrolled for the Course
1	Workshop On IoT	11-04-23 to 13-04-23	116

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**BENGALURU - 562 157**

**PROF & HEAD**  
**DEPARTMENT OF COMPUTER SCIENCE & ENGG**  
**Sir M. Visvesvaraya Institute of Technology**  
**Hunasamaranahalli, Off International Airport Road,**  
**Bangalore-562 157.**



**SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**ACTIVITY REPORT ON**

**HANDS ON STUDENT DEVELOPMENT  
PROGRAM ON “INTERNET ON THINGS”**

**11<sup>TH</sup>, 12<sup>TH</sup> & 13<sup>TH</sup> APRIL 2023**

**ACADEMIC YEAR 2022-2023**



**SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY**  
**BANGALORE**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

Ref.No: Dept. of CSE. / 294 /2022-23

Date: 16 -02-2023

The Principal,  
Sir MVIT, Bengaluru-562157.



Respected Sir,


Sub: Permission to conduct Student Develop Programme on IOT-reg.

With reference to above subject, the department is planning to organize student development programme on IOT as per the curriculum requirement dated on 23<sup>rd</sup> and 24<sup>th</sup> February 2023. Kindly request to give permission for organizing SDP on IOT.

This is for your kind information and perusal.

Thanking you

yours faithfully

  
Dr. T.N Anitha  
Prof & Head.  
Dept of CSE,  
Sir MVIT.  
PROF & HEAD

*Permitted*  
*Sd/*  
*20/2/2023*  
**PRINCIPAL**

Encl : Quotation

**SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY**  
Krishnadevarayanagar, Hunasamaranahalli,  
International Airport Road, Bangalore-562 157.

**DEPARTMENT OF COMPUTER SCIENCE & ENGG**  
Sir M. Visvesvaraya Institute of Technology  
Hunasamaranahalli, Off International Air Port Road,  
Bangalore-562 157.

  
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BENGALURU - 562 157





SRI KRISHNADEVARAYA EDUCATIONAL TRUST  
**SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY**  
(Affiliated to VTU Belagavi, Recognized by AICTE and Accredited by NBA & NAAC)  
Krishnadevarayanagar, Off International Airport Road, Hunasamarahanahalli, Bengaluru - 562 157



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
PRESENTS

# STUDENT DEVELOPMENT PROGRAM ON "INTERNET OF THINGS"

DATE : 11-12-13 APRIL 2023  
VENUE : CS SEMINAR HALL

BY  
**Dr. Sreenivasa Setty**  
CTO  
SST Technologies Bangalore

Organizers  
Dr. Savita Chaudhary  
Mr. Suraj Kumar BP

Convenver  
Dr. T.N Anitha  
Professor & HOD

SCAN TO JOIN







**SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY**  
Bengaluru-562157

**Department of Computer Science & Engineering**

**2022-23**

Sl.No	USN	STUDENT NAME	Enrolled for SDP	Date( from and to)
1	1MV19CS001	AAKASH TYAGI	Workshop On IoT	11-04-23 to 13-04-23
2	1MV19CS002	ABHIGYAN SINGH	Workshop On IoT	11-04-23 to 13-04-23
3	1MV19CS003	ABHISHEK SINGH	Workshop On IoT	11-04-23 to 13-04-23
4	1MV19CS004	ADARSH SANGAM	Workshop On IoT	11-04-23 to 13-04-23
5	1MV19CS005	ADARSHA S V	Workshop On IoT	11-04-23 to 13-04-23
6	1MV19CS006	ADITI SINGH	Workshop On IoT	11-04-23 to 13-04-23
7	1MV19CS007	ADITYA	Workshop On IoT	11-04-23 to 13-04-23
8	1MV19CS008	AKARSH MISHRA	Workshop On IoT	11-04-23 to 13-04-23
9	1MV19CS009	AKARSH N	Workshop On IoT	11-04-23 to 13-04-23
10	1MV19CS010	AKHIL S	Workshop On IoT	11-04-23 to 13-04-23
11	1MV19CS011	ALVAKONDA KRISHNA SAI	Workshop On IoT	11-04-23 to 13-04-23
12	1MV19CS012	AMITH G	Workshop On IoT	11-04-23 to 13-04-23
13	1MV19CS013	ANANYA PRIYA	Workshop On IoT	11-04-23 to 13-04-23
14	1MV19CS016	ANURAG YADAV	Workshop On IoT	11-04-23 to 13-04-23
15	1MV19CS017	ANUSHA GUPTA	Workshop On IoT	11-04-23 to 13-04-23
16	1MV19CS018	ANUSHKA AMAN	Workshop On IoT	11-04-23 to 13-04-23
17	1MV19CS020	ARATHI M	Workshop On IoT	11-04-23 to 13-04-23
18	1MV19CS021	ARAVIND GUDAPATI	Workshop On IoT	11-04-23 to 13-04-23
19	1MV19CS022	ARJUN A	Workshop On IoT	11-04-23 to 13-04-23
20	1MV19CS023	ARJUN GARG	Workshop On IoT	11-04-23 to 13-04-23

  
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Krishnadevarayanagar, Off International Airport Road, Hunasamaranahalli, Bengaluru - 562 157



Sir M Visvesvaraya Institute of Technology, Bangalore



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1	1MV19CS001	AAKASH TYAGI	Workshop On IoT	11-04-23 to 13-04-23
2	1MV19CS002	ABHIGYAN SINGH	Workshop On IoT	11-04-23 to 13-04-23
3	1MV19CS003	ABHISHEK SINGH	Workshop On IoT	11-04-23 to 13-04-23
4	1MV19CS004	ADARSH SANGAM	Workshop On IoT	11-04-23 to 13-04-23
5	1MV19CS005	ADARSHA S V	Workshop On IoT	11-04-23 to 13-04-23
6	1MV19CS006	ADITI SINGH	Workshop On IoT	11-04-23 to 13-04-23
7	1MV19CS007	ADITYA	Workshop On IoT	11-04-23 to 13-04-23
8	1MV19CS008	AKARSH MISHRA	Workshop On IoT	11-04-23 to 13-04-23
9	1MV19CS009	AKARSH N	Workshop On IoT	11-04-23 to 13-04-23
10	1MV19CS010	AKHIL S	Workshop On IoT	11-04-23 to 13-04-23
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12	1MV19CS012	AMITH G	Workshop On IoT	11-04-23 to 13-04-23
13	1MV19CS013	ANANYA PRIYA	Workshop On IoT	11-04-23 to 13-04-23
14	1MV19CS016	ANURAG YADAV	Workshop On IoT	11-04-23 to 13-04-23
15	1MV19CS017	ANUSHA GUPTA	Workshop On IoT	11-04-23 to 13-04-23
16	1MV19CS018	ANUSHKA AMAN	Workshop On IoT	11-04-23 to 13-04-23
17	1MV19CS020	ARATHI M	Workshop On IoT	11-04-23 to 13-04-23
18	1MV19CS021	ARAVIND GUDAPATI	Workshop On IoT	11-04-23 to 13-04-23
19	1MV19CS022	ARJUN A	Workshop On IoT	11-04-23 to 13-04-23
20	1MV19CS023	ARJUN GARG	Workshop On IoT	11-04-23 to 13-04-23

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**Bengaluru-562157**

**Department of Computer Science & Engineering**

**2022-23**

Sl.No	USN	STUDENT NAME	Enrolled for SDP	Date( from and to)
21	1MV19CS024	ARPIT DUTT DIXIT	Workshop On IoT	11-04-23 to 13-04-23
22	1MV19CS025	ARTHIK SHETTY	Workshop On IoT	11-04-23 to 13-04-23
23	1MV19CS027	AYSIRI CHIDANANDA	Workshop On IoT	11-04-23 to 13-04-23
24	1MV19CS030	B AMAAN AHMED	Workshop On IoT	11-04-23 to 13-04-23
25	1MV19CS031	BADAL RATHI	Workshop On IoT	11-04-23 to 13-04-23
26	1MV19CS032	BHARGAVI	Workshop On IoT	11-04-23 to 13-04-23
27	1MV19CS033	BHAVANA BHASKAR HEGDE	Workshop On IoT	11-04-23 to 13-04-23
28	1MV19CS034	C CHITHRA LEKHA	Workshop On IoT	11-04-23 to 13-04-23
29	1MV19CS035	CHAITANYA KRISHNA PEDDI	Workshop On IoT	11-04-23 to 13-04-23
30	1MV19CS036	CHAMARTHI OM NAGA SAI MANI PAVAN	Workshop On IoT	11-04-23 to 13-04-23
31	1MV19CS038	CHANDRASHEKAR	Workshop On IoT	11-04-23 to 13-04-23
32	1MV19CS039	CHINMAYI	Workshop On IoT	11-04-23 to 13-04-23
33	1MV19CS040	DIVYA DRISHTI	Workshop On IoT	11-04-23 to 13-04-23
34	1MV19CS041	EKANT	Workshop On IoT	11-04-23 to 13-04-23
35	1MV19CS042	G SATISH	Workshop On IoT	11-04-23 to 13-04-23
36	1MV19CS043	GANNE BHANUTEJA	Workshop On IoT	11-04-23 to 13-04-23
37	1MV19CS044	GAURAV KUMAR	Workshop On IoT	11-04-23 to 13-04-23
38	1MV19CS045	GAURAV V SALGAONKAR	Workshop On IoT	11-04-23 to 13-04-23
39	1MV19CS046	GORLA VANDANA	Workshop On IoT	11-04-23 to 13-04-23
40	1MV19CS047	HARIPRIYA DG	Workshop On IoT	11-04-23 to 13-04-23





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**Bengaluru-562157**

**Department of Computer Science & Engineering**

**2022-23**

Sl.No	USN	STUDENT NAME	Enrolled for SDP	Date( from and to)
41	1MV19CS048	HARSHINI C M	Workshop On IoT	11-04-23 to 13-04-23
42	1MV19CS049	HARSHLEEN KAUR	Workshop On IoT	11-04-23 to 13-04-23
43	1MV19CS050	HITESH A	Workshop On IoT	11-04-23 to 13-04-23
44	1MV19CS051	INDU J A	Workshop On IoT	11-04-23 to 13-04-23
45	1MV19CS052	ISHAN PATNI	Workshop On IoT	11-04-23 to 13-04-23
46	1MV19CS053	JYOTSNA A PATEL	Workshop On IoT	11-04-23 to 13-04-23
47	1MV19CS054	K KANCHANA	Workshop On IoT	11-04-23 to 13-04-23
48	1MV19CS055	K KAVYA	Workshop On IoT	11-04-23 to 13-04-23
49	1MV19CS056	KAVITA BASAPPA MELMARI	Workshop On IoT	11-04-23 to 13-04-23
50	1MV19CS057	KAVYA N	Workshop On IoT	11-04-23 to 13-04-23
51	1MV19CS058	KRATIK SINGHAL	Workshop On IoT	11-04-23 to 13-04-23
52	1MV19CS060	KUNAL TAPSE	Workshop On IoT	11-04-23 to 13-04-23
53	1MV19CS061	KURUBA GEETHIKA	Workshop On IoT	11-04-23 to 13-04-23
54	1MV19CS062	KUSHAL S K	Workshop On IoT	11-04-23 to 13-04-23
55	1MV19CS064	M R HARIKRISHNA	Workshop On IoT	11-04-23 to 13-04-23
56	1MV19CS065	M S SUDHIR SRINIVAS	Workshop On IoT	11-04-23 to 13-04-23
57	1MV19CS066	M SHREYA	Workshop On IoT	11-04-23 to 13-04-23
58	1MV19CS070	MOHAMMED AMMAR AHMED TAHA	Workshop On IoT	11-04-23 to 13-04-23
59	1MV19CS072	MOHITH AN	Workshop On IoT	11-04-23 to 13-04-23
60	1MV19CS073	MONIKA N	Workshop On IoT	11-04-23 to 13-04-23



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**Department of Computer Science & Engineering**

**2022-23**

Sl.No	USN	STUDENT NAME	Enrolled for SDP	Date( from and to)
61	1MV19CS074	MUKUND PAREEK	Workshop On IoT	11-04-23 to 13-04-23
62	1MV19CS075	NANDAN R	Workshop On IoT	11-04-23 to 13-04-23
63	1MV19CS076	NIDHI R SHETTY	Workshop On IoT	11-04-23 to 13-04-23
64	1MV19CS077	NIHARIKA S	Workshop On IoT	11-04-23 to 13-04-23
65	1MV19CS078	NIRMAL SINGH	Workshop On IoT	11-04-23 to 13-04-23
66	1MV19CS079	NISHANTH R	Workshop On IoT	11-04-23 to 13-04-23
67	1MV19CS080	PABBATHI JAHNAVI	Workshop On IoT	11-04-23 to 13-04-23
68	1MV19CS081	PAVITRA RAMACHANDRA GOUDA	Workshop On IoT	11-04-23 to 13-04-23
69	1MV19CS082	PIYUSH VERMA	Workshop On IoT	11-04-23 to 13-04-23
70	1MV19CS084	PRAJWAL	Workshop On IoT	11-04-23 to 13-04-23
71	1MV19CS085	PRAKHAR	Workshop On IoT	11-04-23 to 13-04-23
72	1MV19CS087	PRUTHVI R	Workshop On IoT	11-04-23 to 13-04-23
73	1MV19CS088	PRUTHVIKA S	Workshop On IoT	11-04-23 to 13-04-23
74	1MV19CS089	R CHARAN KUMAR REDDY	Workshop On IoT	11-04-23 to 13-04-23
75	1MV19CS091	RAYANNAGARI SREEHARI	Workshop On IoT	11-04-23 to 13-04-23
76	1MV19CS092	REHAN NADEEMULLA	Workshop On IoT	11-04-23 to 13-04-23
77	1MV19CS093	RISHITA GOYAL	Workshop On IoT	11-04-23 to 13-04-23
78	1MV19CS094	SAMPAT KUNDANAGAR	Workshop On IoT	11-04-23 to 13-04-23
79	1MV19CS096	SATYAM SHREE	Workshop On IoT	11-04-23 to 13-04-23
80	1MV19CS097	SAYAN SADHUKHA	Workshop On IoT	11-04-23 to 13-04-23





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**Bengaluru-562157**

**Department of Computer Science & Engineering**

**2022-23**

Sl.No	USN	STUDENT NAME	Enrolled for SDP	Date( from and to)
81	1MV19CS098	SERENE JOSHI	Workshop On IoT	11-04-23 to 13-04-23
82	1MV19CS099	SHARANYA C H	Workshop On IoT	11-04-23 to 13-04-23
83	1MV19CS100	SHAURYAM JAIN	Workshop On IoT	11-04-23 to 13-04-23
84	1MV19CS101	SHIVA SHARANYA S	Workshop On IoT	11-04-23 to 13-04-23
85	1MV19CS102	SHREY RAJ	Workshop On IoT	11-04-23 to 13-04-23
86	1MV19CS103	SHREYA RAJ	Workshop On IoT	11-04-23 to 13-04-23
87	1MV19CS104	SIDHANT KAUL	Workshop On IoT	11-04-23 to 13-04-23
88	1MV19CS105	SIIVEI KS	Workshop On IoT	11-04-23 to 13-04-23
89	1MV19CS106	SUDHIKSHA R	Workshop On IoT	11-04-23 to 13-04-23
90	1MV19CS107	SUHAS M	Workshop On IoT	11-04-23 to 13-04-23
91	1MV19CS108	SUMIT JHA	Workshop On IoT	11-04-23 to 13-04-23
92	1MV19CS109	SUNDER SINGH	Workshop On IoT	11-04-23 to 13-04-23
93	1MV19CS110	SUSMITA DEBNATH	Workshop On IoT	11-04-23 to 13-04-23
94	1MV19CS111	TADIKONDA HARSHITHA	Workshop On IoT	11-04-23 to 13-04-23
95	1MV19CS112	TANYA P BOBICHAN	Workshop On IoT	11-04-23 to 13-04-23
96	1MV19CS113	TEJASVI KANNAN	Workshop On IoT	11-04-23 to 13-04-23
97	1MV19CS114	THEJA K V	Workshop On IoT	11-04-23 to 13-04-23
98	1MV19CS115	THIPPANNAGARI THARUN KUMAR REDDY	Workshop On IoT	11-04-23 to 13-04-23
99	1MV19CS118	VARTIKA SHARMA	Workshop On IoT	11-04-23 to 13-04-23
100	1MV19CS120	VATHSALA R S	Workshop On IoT	11-04-23 to 13-04-23



**SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY**  
Bengaluru-562157

**Department of Computer Science & Engineering**

2022-23

Sl.No	USN	STUDENT NAME	Enrolled for SDP	Date( from and to)
101	1MV19CS121	VATSAL JAIN	Workshop On IoT	11-04-23 to 13-04-23
102	1MV19CS123	VIKYATH SHETTY	Workshop On IoT	11-04-23 to 13-04-23
103	1MV19CS124	VINAYAKA BV	Workshop On IoT	11-04-23 to 13-04-23
104	1MV19CS125	VISHAL N M	Workshop On IoT	11-04-23 to 13-04-23
105	1MV19CS126	VIVEKANANDA SWAMI KALMAT	Workshop On IoT	11-04-23 to 13-04-23
106	1MV19CS127	VYLERI KZEKHE SHANTHANU	Workshop On IoT	11-04-23 to 13-04-23
107	1MV19CS128	YASHASWINI S	Workshop On IoT	11-04-23 to 13-04-23
108	1MV19CS129	YASHWANTH L NALLA	Workshop On IoT	11-04-23 to 13-04-23
109	1MV19CS130	YOGESH R BHANGIGOUDRA	Workshop On IoT	11-04-23 to 13-04-23
110	1MV20CS400	ABHISHEK	Workshop On IoT	11-04-23 to 13-04-23
111	1MV20CS401	KARTHICK PM	Workshop On IoT	11-04-23 to 13-04-23
112	1MV20CS403	MADHUSHREE N	Workshop On IoT	11-04-23 to 13-04-23
113	1MV20CS407	NANDINI	Workshop On IoT	11-04-23 to 13-04-23
114	1MV20CS408	PRIYA GB	Workshop On IoT	11-04-23 to 13-04-23
115	1MV20CS409	RAKESH GR	Workshop On IoT	11-04-23 to 13-04-23
116	1MV20CS410	RANJITHA SM	Workshop On IoT	11-04-23 to 13-04-23

  
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PROF & HEAD  
DEPARTMENT OF COMPUTER SCIENCE & ENGG  
Sir M. Visvesvaraya Institute of Technology  
Hunasamaranahalli, Off International Air Port Road,  
Bangalore - 562157.



## Two Day's Hands-on Skill Development Program on "IoT and its Application using NodeMCU"

### Program Schedule

#### Day-1:

9:00 am - 9.30am	Download and Install Arduino IDE Software
9:30 am - 10:45 am	Install the ESP 8266 board in Arduino IDE
10:45 am - 11:00 am	Introduction to SST-NodeMCU Project Board.- GPIO Pins
11:00 am - 12:00 pm	Programming Onboard LED to Blink( GPIO2 and GPIO16)
12:00 pm - 1:00 pm	Tea Break
1:00 pm - 2:00 pm	Interface Toggle Switch to NodeMCU (GPIO16). Write a Program in C to Control LED which is connected at GPIO15 using Toggle switch.
2:00 pm - 4:00 pm	Preliminaries of Light Dependent Resistor(LDR) Write a Program in C to read intensity of Light and display it on Serial Monitor. Implement Smart Street Light.
	Lunch Break
	Download and install Bluetooth Serial16 App. Interface <b>Bluetooth (HC-05) and LED</b> with NodeMCU. Write a Program in C to Control LED (On/Off) using <b>Bluetooth Serial Controller App</b> .

#### Day-2:

9:00 am - 9.30am	Introduction to Blynk Server. Download and Install Blynk App from Play Store.
9:30 am - 10:45 am	Interface DHT11 (Temperature and Humidity) Sensor with ESP8266. Write a program in C to display temperature and humidity on Serial Monitor.
10:45 am - 11:00 am	Tea Break
11:00 am - 1:00 pm	Interface LED with ESP8266 and Design Graphical User Interface (GUI) using Web Dashboard (Blynk Server) and Control LED (On/Off) using Web Dashboard.
1:00 pm - 2:00 pm	Lunch Break
2:00 pm - 4:00 pm	Interface DHT11 (Temperature and Humidity) Sensor with ESP8266. Write a program in C to display temperature and humidity on Web Dashboard. (Using Blynk Server).

  
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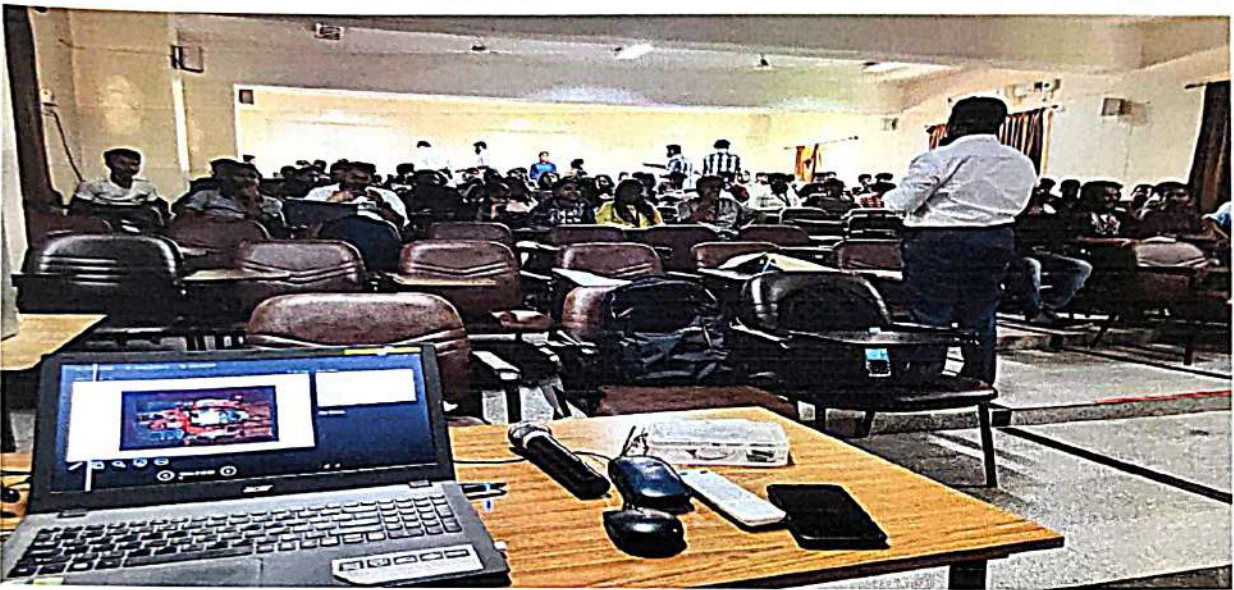




*[Signature]*  
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SRI KRISHNADEVARAYA EDUCATIONAL TRUST  
**SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY**

(Affiliated to VTU-Belagavi, Recognized by AICTE and Accredited by NBA & NAAC)  
Krishnadevarayanagar, Off International Airport Road, Hunasamarahanahalli, Bengaluru - 562 157



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
IN ASSOCIATION WITH



**CERTIFICATE OF PARTICIPATION**

This is to certify that **SURAJ KUMAR B P** ..... has participated in the 3 Days  
Student Development Program on "IOT" organized by the Department of  
Computer Science and Engineering on 11th, 12th and 13 April 2023.

**DR. SREENIVASA SETTY**  
CTO, SST Technologies

**DR. T.N ANITHA**  
Professor and Head, Dept of CSE

**DR. RAKESH S G**  
Principal



Timestamp	Email Address	Score	Full Name	Department	College	Designation	If Student , USN	To what extent was the presenter knowledgeable, organized and effective in their presentation?	How might the format of this activity be improved to be most appropriate for the content presented? Select all that apply.	Please rate the overall aspects of this educational activity based on.	Educational Content	Relevance to Institution's need	Questions and Discussions	Oral Presentations	Quality of Presenters	Selection of Topics	Extent to which the content of event matched the announced	Overall Quality of the Event	Any other feedback
4/21/2023 14:57:37	surajmvit@gmail.com	0 / 1	SURAJ KUMAR B P	CSE	SIR MVIT	Faculty	NA	5	Format was Appropriate, No changes needed.		5	5	5	5	5	5	5	5	
4/21/2023 15:41:23	hod_cse@simvit.edu	0 / 1	DR T N ANITHA	CSE	SIR MVIT	Faculty	01	4	Format was Appropriate, No changes needed.	A	4	4	4	4	4	4	4	4	nothing
4/21/2023 16:36:39	savitha_cs@simvit.edu	0 / 1	DR.SAVITA CHOUDHARY	CSE	SIR MVIT	Faculty	1077	5	Schedule more time for Q and A	Excellent	5	5	5	5	5	5	5	5	
4/21/2023 16:37:02	mayuri_cs@simvit.edu	0 / 1	MAYURI K P	CSE	SIR MVIT	Faculty	-	5	Format was Appropriate, No changes needed.	Content is needed and knowledge improved	5	5	5	5	5	5	5	5	Good and Informative
4/21/2023 16:39:19	yogeshbhangigoudra@gmail.com	0 / 1	YOGESH R BHANGIGOUDRA	CSE	SIR MVIT	Student	IMV19CS130	3	Include more case based presentations, Increase interactivity with attendees, Add Hands on Instructional component		4	4	3	4	4	4	4	4	
4/21/2023 16:39:29	vishalnm01@gmail.com	0 / 1	VISHAL N M	CSE	SIR MVIT	Student	IMV19CS125	5	Add Breakouts for Subtopics		5	4	5	4	4	5	5	5	
4/21/2023 16:39:38	nishanthr878@gmail.com	0 / 1	NISHANTH R	CSE	SIR MVIT	Student	IMV19CS079	3	Increase interactivity with attendees, Add Breakouts for Subtopics		3	3	3	3	3	3	3	3	
4/21/2023 16:39:44	pruthviramesh.r2002@gmail.com	0 / 1	PRUTHVI R	CSE	SIR MVIT	Student	IMV19CS087	5	Format was Appropriate, No changes needed.		5	5	5	5	5	5	5	5	
4/21/2023 16:40:52	rehannadeemulla@gmail.com	0 / 1	REHAN NADEEMULLA	CSE	SIR MVIT	Student	IMV19CS092	4	Format was Appropriate, No changes needed.		4	3	4	4	4	4	4	4	
4/21/2023 16:41:15	ammargeebems007@gmail.com	0 / 1	MOHAMMED AMMAR AHMED TAHA	CSE	SIR MVIT	Student	IMV19CS070	5	Format was Appropriate, No changes needed.	Good	5	4	4	5	4	5	5	5	The session was nice, but attaching 20 marks of IoT to it, was just awesome, easy marks, and something interesting too

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4/21/2023 16:47:17	kshatigupta200@gmail.com	0 / 1	KSHITU GUPTA	CSE	SIR MVIT	Student	1MV19CS059	4	Include more case based presentations, Increase interactivity with attendees	Very informative and helpful, practical usages	5	4	5	4	4	4	5	5	NA
4/21/2023 16:47:29	krishnasaiabakonda@gmail.com	0 / 1	ALVAKONDA KRISHNA SAI	CSE	SIR MVIT	Student	1MV19CS011	5	Format was Appropriate, No changes needed.		4	5	4	5	4	4	5	5	
4/21/2023 16:49:51	chaitanya26peddi@gmail.com	0 / 1	CHAITANYA KRISHNA PEDDI	CSE	SIR MVIT	Student	1MV19CS035	4	Add Breakouts for Subtopics		4	4	4	4	4	4	4	4	
4/21/2023 16:51:08	pavanchamerth03@gmail.com	0 / 1	CHAMARTHI OM NAGA SAI MANI PAVAN	CSE	SIR MVIT	Student	1MV19CS036	4	Format was Appropriate, No changes needed.		4	4	3	4	5	4	4	4	
4/21/2023 16:52:47	indu23ja@gmail.com	0 / 1	INDU J A	CSE	SIR MVIT	Student	1MV19CS051	4	Add Hands on Instructional component, Schedule more time for Q and A		4	4	4	4	4	4	4	4	
4/21/2023 16:53:38	radhika_cs@sirmvit.edu	0 / 1	R RADHIKA	CSE	SIR MVIT	Faculty	Faculty	5	Format was Appropriate, No changes needed.	Good	5	5	5	5	5	5	5	5	Good
4/21/2023 16:54:03	ayushm231@gmail.com	0 / 1	AYUSH MISHRA	CSE	SIR MVIT	Student	1MV19CS029	3	Format was Appropriate, No changes needed.	5	3	3	3	3	3	3	3	3	None
4/21/2023 16:58:43	badalrathi14@gmail.com	0 / 1	BADAL RATHI	CSE	SIR MVIT	Student	1MV19CS031	5	Format was Appropriate, No changes needed.	The overall aspects of this educational activity was outstanding.	5	5	5	5	5	5	5	5	All the things were good.
4/21/2023 16:59:12	haripriyadasar28@gmail.com	0 / 1	HARIPRIYA.DG	CSE	SIR MVIT	Student	1MV19CS047	5	Format was Appropriate, No changes needed.	5/5	5	5	5	5	5	5	5	5	
4/21/2023 17:00:20	ishanpatni01@gmail.com	0 / 1	ISHAN PATNI	CSE	SIR MVIT	Student	1MV19CS052	5	Include more case based presentations		2	2	4	1	1	5	4	1	
4/21/2023 17:00:52	dhivya_cs@sirmvit.edu	0 / 1	DHIVYA V	CSE	SIR MVIT	Faculty		4	Format was Appropriate, No changes needed.	Good	4	5	4	5	4	4	4	4	



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4/21/2023 17:35:06	supriya92_es@sir-mvit.edu	0 / 1	SUPRIYA	CSE	SIR MVIT	Faculty	No	5	Add Hands on Instructional component	5	5	5	5	5	5	5	5	5	Good session
4/21/2023 17:38:39	bhanuteja.ganne@gmail.com	0 / 1	GANNE BHANUTEJA	CSE	SIR MVIT	Student	1MV19CS043	4	Format was Appropriate, No changes needed., Include more case based presentations, Add Hands on Instructional component	Good	4	4	4	4	4	4	4	4	NA
4/21/2023 17:44:08	holladebhavana@gmail.com	0 / 1	BHAVANA BHASKAR HEGDE	CSE	SIR MVIT	Student	1MV19CS033	5	Format was Appropriate, No changes needed.		5	5	5	5	5	5	5	5	
4/21/2023 17:44:09	vandana95544@gmail.com	0 / 1	VANDANA G	CSE	SIR MVIT	Student	1MV19CS046	4	Format was Appropriate, No changes needed., Include more case based presentations	It was useful	4	4	4	4	4	4	4	4	No
4/21/2023 17:44:32	charanrapati07@gmail.com	0 / 1	R.CHARAN KUMAR REDDY	CSE	SIR MVIT	Student	1MV19CS089	4	Format was Appropriate, No changes needed., Include more case based presentations, Add Breakouts for Subtopics	Good	4	4	4	4	4	4	4	4	NA
4/21/2023 17:45:05	kavitabm075@gmail.com	0 / 1	KAVITA BASAPPA MELMARI	CSE	SIR MVIT	Student	1MV19CS056	5	Format was Appropriate, No changes needed.		5	5	5	5	5	5	5	5	
4/21/2023 17:45:58	satisghadde10@gmail.com	0 / 1	G SATISH	CSE	SIR MVIT	Student	1MV19CS042	4	Format was Appropriate, No changes needed.		4	4	4	4	4	4	4	4	
4/21/2023 17:47:24	kaurharshleen123@gmail.com	0 / 1	HARSHLEEN KAUR	CSE	SIR MVIT	Student	1MV19CS049	5	Format was Appropriate, No changes needed.	8/10	4	4	3	4	4	5	4	4	Excellent
4/21/2023 17:47:33	yaimarankhuman2000@gmail.com	0 / 1	LAISHRAM YAIMARAN KHUMAN	CSE	SIR MVIT	Student	1MV19CS063	5	Format was Appropriate, No changes needed.		5	5	5	5	5	5	5	5	

Timestamp	Email Address	Score	Full Name	Department	College	Designation	If Student, USN	To what extent was the presenter knowledgeable, organized and effective in their presentation?	How might the format of this activity be improved to be most appropriate for the content presented? Select all that apply.	Please rate the overall aspects of this educational activity based on.	Educational Content	Relevance to Institution's need	Questions and Discussions	Oral Presentations	Quality of Presenters	Selection of Topics	Extent to which the content of event matched the announced	Overall Quality of the Event	Any other feedback
4/21/2023 17:48:07	pavitragsouda001@gmail.com	0 / 1	PAVITRA RAMACHANDRA GOUNDA	CSE	SIR MVIT	Student	1MV19CS081	4	Format was Appropriate, No changes needed.	8/10	5	5	5	5	5	5	5	5	Nice experience
4/21/2023 17:48:29	anupchoudhary367@gmail.com	0 / 1	ANUP KUMAR	CSE	SIR MVIT	Student	1MV19CS015	5	Add Hands on Instructional component		5	5	5	4	5	5	5	5	
4/21/2023 17:49:23	yadavmandini7779@gmail.com	0 / 1	NANDINI V	CSE	SIR MVIT	Student	1MV20CS407	5	Format was Appropriate, No changes needed.	5/5	5	5	5	5	5	5	5	5	Thank you, it was more helpful for us.
4/21/2023 17:53:34	pragathi_cs@sriniv.edu	0 / 1	PRAGATHI M	CSE	SIR MVIT	Faculty	01413	5	Increase interactivity with attendees	4	5	5	4	4	4	4	4	4	No comments
4/21/2023 18:01:30	madhushtreen1524@gmail.com	0 / 1	MADHUSHREE N	CSE	SIR MVIT	Student	1MV20CS403	5	Format was Appropriate, No changes needed.	10/10	5	5	5	5	5	5	5	5	Overall good
4/21/2023 18:03:55	nakashyagi232@gmail.com	0 / 1	NAKASH TYAGI	CSE	SIR MVIT	Student	1MV19CS001	5	Format was Appropriate, No changes needed.	5/5	5	5	5	5	5	5	5	5	
4/21/2023 18:25:19	shauryam.jain@gmail.com	0 / 1	SHAURYAM JAIN	CSE	SIR MVIT	Student	1MV19CS100	1	Format was Appropriate, No changes needed. Include more case based presentations. Add Breakouts for Subtopics, Add Hands on Instructional component		1	2	2	5	5	5	4	4	
4/21/2023 18:29:26	aditya27872014@gmail.com	0 / 1	ADITYA	CSE	SIR MVIT	Student	1MV19CS007	5	Format was Appropriate, No changes needed.		5	5	5	5	5	5	5	5	
4/21/2023 18:33:05	piyushvrm072001@gmail.com	0 / 1	PIYUSH VERMA	CSE	SIR MVIT	Student	1MV19CS082	4	Format was Appropriate, No changes needed. Add Hands on Instructional component		4	4	4	4	4	4	4	4	
4/21/2023 18:52:44	shanthanu2001@gmail.com	0 / 1	VYLERI KZEKHE SHANTHANU	CSE	SIR MVIT	Student	1MV19CS127	3	Format was Appropriate, No changes needed.	Good	3	3	3	3	3	3	3	3	No



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4/21/2023 18:57:15	arthikshetty@gmail.com	0 / 1	ARTHIK SHETTY	CSE	SIR MVIT	Student	IMV19CS025	4	Add Hands on Instructional component		4	4	4	4	4	5	4	2	NOTHING
4/21/2023 19:10:16	sunithacharya@gmail.com	0 / 1	SUDHIT JHA	CSE	SIR MVIT	Student	IMV19CS108	5	Format was Appropriate, No changes needed.	Good one	5	5	5	5	5	5	5	5	Good one
4/21/2023 19:35:26	anushkaanan.418@gmail.com	0 / 1	ANUSHKA AMAN	CSE	SIR MVIT	Student	IMV19CS018	4	Add Breakouts for Subtopics		4	4	4	4	4	4	4	4	
4/21/2023 21:05:58	jahnavipbhatnig12@gmail.com	0 / 1	PABATHI JAHNAVI	CSE	SIR MVIT	Student	IMV19CS080	1	Add Hands on Instructional component, Schedule more time for Q and A, Other...	Average	1	1	1	1	1	1	1	1	
4/21/2023 21:51:16	yashaswinisraju@gmail.com	0 / 1	YASHASWINI S	CSE	SIR MVIT	Student	IMV19CS128	5	Format was Appropriate, No changes needed.		5	5	4	4	4	5	4	4	
4/21/2023 22:17:02	Euphania1312@gmail.com	0 / 1	ANUSHA GUPTA	CSE	SIR MVIT	Student	IMV19CS017	5	Format was Appropriate, No changes needed. Include more case based presentations, Add Hands on Instructional component		4	4	4	4	5	5	5	5	
4/21/2023 22:23:39	ananyapriya1003@gmail.com	0 / 1	ANANYA PRIYA	CSE	SIR MVIT	Student	IMV19CS013	5	Format was Appropriate, No changes needed.	It was outstanding	5	5	4	5	5	5	5	5	It was a very knowledgeable experience
4/22/2023 0:10:20	yashwanthala12@gmail.com	0 / 1	YASHWANTH L NALLA	CSE	SIR MVIT	Student	IMV19CS129	4	Include more case based presentations, Increase interactivity with attendees		4	5	3	3	3	2	3	3	
4/22/2023 1:01:12	atul63098@gmail.com	0 / 1	ATUL SHARMA	CSE	SIR MVIT	Student	Imv19cs026	2	Include more case based presentations	Best	4	4	4	4	4	4	5	5	Excellent
4/22/2023 7:54:34	manuokshu15@gmail.com	0 / 1	UPPUGANDLA MANOJ KUMAR	CSE	SIR MVIT	Student	IMV19CS117	4	Schedule more time for Q and A	Good	4	4	3	4	4	5	4	4	Overall it was good
4/22/2023 20:13:12	bhargavkharvi@gmail.com	0 / 1	BHARGAVI	CSE	SIR MVIT	Student	IMV19CS032	5	Include more case based presentations	Was a good experience	5	5	5	5	5	5	5	5	No

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4/22/2023 20:15:53	chinmayibhat01@gmail.com	0 / 1	CHINMAYI	CSE	SIR MVIT	Student	IMV19CS039	4	Increase interactivity with attendees, Add Breakouts for Subtopics, Add Hands on Instructional component		5	5	4	4	4	4	4	4	
4/22/2023 21:02:33	nidhirshetty3@gmail.com	0 / 1	NIDHI R SHETTY	CSE	SIR MVIT	Student	IMV19CS076	4	Format was Appropriate, No changes needed.	It was good	4	5	5	5	5	4	4	5	Nothing
4/23/2023 10:27:44	khushi2khanha@gmail.com	0 / 1	DIVYA DRISHTI	CSE	SIR MVIT	Student	IMV19CS040	5	Format was Appropriate, No changes needed.	10/10	5	5	5	5	5	5	5	5	It was very good
4/23/2023 11:40:44	raahulghosh070@gmail.com	0 / 1	RAHUL GHOSH	CSE	SIR MVIT	Student	IMV19CS090	4	Format was Appropriate, No changes needed.	It was quite complete in all aspects.	4	4	3	4	3	4	4	3	
4/23/2023 21:45:06	amaanahmed645@gmail.com	0 / 1	B AMAAN AHMED	CSE	SIR MVIT	Student	IMV19CS030	4	Other...		4	3	4	4	4	4	4	4	
4/24/2023 10:32:09	sayansadhukha@gmail.com	0 / 1	SAYAN SADHUKHA	CSE	SIR MVIT	Student	IMV19CS097	5	Format was Appropriate, No changes needed.	GOOD	5	5	5	5	5	5	5	5	
4/24/2023 11:08:38	arpitdixit23@gmail.com	0 / 1	ARPIT DUTT DIXIT	CSE	SIR MVIT	Student	IMV19CS024	4	Increase interactivity with attendees, Add Hands on Instructional component	Great	5	4	4	3	5	4	4	4	



**SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY  
BENGALURU-562157**

**REPORT OF 10-DAYS STUDENT INDUCTION  
PROGRAM (SIP) (Phase-I)**

**FOR 1<sup>ST</sup> YEAR B. E. STUDENTS OF THE ACADEMIC  
YEAR 2022-2023 (From 01-12-2022 to 30-12-2022)**

**Chief Co-ordinators:**

**Dr. G. M. KRISHNAIAH  
Professor and HOD of Chemistry  
&**

**Dr. HARIHARAN. N  
Associate Professor and HOD of Physics**



**THE CHAIRMAN  
PROF. RAKESH S. G.  
PRINCIPAL**

**SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY  
BENGALURU-562157**

**DECEMBER-2022**

Day No.	Date	Particulars of the activities
1	01-12-2022	Inauguration of Student Induction Program; Familiarization of Basic Science & Humanities Departments; NSS Activities & Youth Red Congress Society (YRCS); Familiarization of Engg. Departments
2	02-12-2022	Academic matters; Affiliation, Accreditation, Recognition and Ranking; Cultural activities and college events; Student Support system, Mentoring, Anti-Ragging, Grievances Redressal.
3	03-12-2022	AICTE Activity points; Internship and Skill lab; Local Guardian Scheme
4	05-12-2022	English language and Communication Skill; Student club activities; Yoga, Food and Nutrition, International year of Millets.
5	06-12-2022	Innovation and Design thinking; Scientific foundation of health; An awareness on competitions related to Skill Development; Alumni Association.
6	07-12-2022	R & D activities; Lecture on UHV-1 & Sustainable Development Goals (SDG); Orientation on "Library and it's facilities"; Non-Academic matters.
7	08-12-2022	Use of ICT in Teaching Learning Process; MOOCS & Institute Innovation Council (IIC); Emerging areas in Information Technology; Career Guidance Cell (CGC); Intellectual Property Rights (IPR).
8	09-12-2022	Sports and facilities; Pollution control and Environmental protection; Abhikalpana-NGO activities; Training and Placement activities; Entrepreneurship Development Cell (EDC); Welfare activities for girls.
9	10-12-2022	Freshers' Day, Inauguration of 1 <sup>st</sup> Year B.E. Classes: AARAMBH-2022.
10	30.12.2022	Local Tour to important place of visit

### Name & Signatures of the SIP Chief coordinators:

1. Dr. G. M. KRISHNAIAH

Prof. & Head  
Dept. of Chemistry

2. Dr. HARIHARAN. N,

Sir M. Visvesvaraya Institute of Technology  
Bengaluru-562 157

Department of Physics  
Sir M. Visvesvaraya Institute of Technology  
Bangalore -562 157.

PROF. RAKESH S. G.

PRINCIPAL

SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY  
Krishnadevarayanagar, Hunasamaranahalli,  
International Airport Road, BANGALORE-562 157.





**Visvesvaraya Technological University**  
**"Jnana Sangama", Belagavi - 590 018**

**Dr. Satish Annigeri, Ph.D.**  
**Registrar (Uc)**

**Phone: (0831) 2405468**  
**Fax : (0831) 2405467**

Ref No. VTU/Aca/A9/2019-20/ **9585**  
**Circular**

Date: **17 JUL 2019**

- Sub:** Induction Programme to be conducted for the students admitted to B.E./B.Tech. students during the academic year 2019-20
- Ref:** 1) Recommendations of the Joint Board of Studies Meeting held on 18-5-2019 at VTU, Belagavi  
 2) 146<sup>th</sup> E.C. Meeting Resolution No. 2.2.1 dated 30-5-2019

With reference to the above, regarding the implementation of AICTE mandatory three week Induction Programme for the students admitted to B.E./B.Tech. programmes during the academic year 2019-20, it is hereby informed that Induction Programme shall be conducted in two phases instead of conducting the same continuously for three weeks as under:

- 1<sup>st</sup> Phase: 11 days during the beginning of first semester  
 2<sup>nd</sup> Phase: 10 days during the beginning of second semester

The constituent college, affiliated and autonomous engineering colleges shall abide by the University Induction Programme guidelines in conducting the same.

The enclosed AICTE guidelines may also be referred while conducting phase wise Induction Programme.

Hence, you are requested to bring this circular to the notice of all the students / faculties of your college / institution for information and to follow the same.

**By Order,**

  
**Registrar (Uc)**

Encl: VTU Guidelines / AICTE Guidelines

**To**

- 1) The Principals of all the constituent / affiliated / autonomous engineering Colleges of VTU, Belagavi,
- 2) The PG Coordinator, Centre for PG Studies in Bengaluru, Belagavi, Kalaburagi & Mysuru.

**Copy to:**

- 1) The Registrar (Eval.), VTU, Belagavi.
- 2) The Special Officer, Examination Section, VTU, Belagavi.
- 3) The Regional Directors (Uc), VTU's Regional Centres at Bengaluru, Belagavi, Kalaburagi & Mysuru for information,
- 4) CNC to upload

## **VISVESVARAYA TECHNOLOGICAL UNIVERSITY - BELAGAVI**

### **1<sup>st</sup> Semester BE, Three Week Induction Program (IP)**

- 1. All the Managements, Principals, Faculty and Staff members of constituent, affiliated and autonomous colleges are requested to extend their whole hearted cooperation towards the successful completion of the three week IP.**
- 2. As per the guidelines of AICTE, three week IP has been introduced for the 1<sup>st</sup> Semester Engineering students admitted for the academic year 2018 – 2019 under VTU.**
- 3. This is in view of developing inquisitiveness over technical education among the stakeholders (engineering students)**
- 4. IP consist of three phases namely Initial Phase, Regular Phase and Final Phase. Initial and Final Phase will have two days each and regular phase will run for 17 days**
- 5. Familiarization of procedure, scheme and syllabus, guidelines, examination system is outlined in the first phase, in addition to this, various functionary, infrastructure and facilities created by the college/institute is also outlined in the initial phase**
- 6. In the regular phase in order to develop competency over physical activity, creative arts, universal human values, literary activity, proficiency modules, personality development, event management and leadership qualities, 14 day well blended schedule with grasping, speaking, writing, model making, involvement in the skill and sports activities, lecture by eminent people and visit to the local areas have been planned and record to use this data/ information in future effectively.**
- 7. Plenary session may be conducted in the main venue with all the stakeholders through the presentation type of activities**
- 8. It is desirable to address the students in small group of 20-30 for the activity based programs for successful implementation of IP**
- 9. The outcome of IP and effectiveness will be evaluated in the final phase through quiz, debate, oral and written examination. Performance in the various skills, planned events, and performance in sports and competitive spirit in the team matches are also will be evaluated.**
- 10. Qualitative feedback will be collected from the stake holders for the further improvement of the IP.**



**VISVESVARAYA TECHNOLOGICAL UNIVERSITY - BELAGAVI**

**1<sup>st</sup> Semester BE, Three Week Induction Program (IP)**

- 11. The schedule of the three week is arrived based on experience, feedback and activities of the VTU and the institution. The effectiveness of the implementation of the IP depends upon the involvement of the Principal faculty, staff members and senior students of the institutions.**
- 12. The program schedule is generic and discrete in nature therefore the Principal of the colleges can rearrange the schedule as per the prevailing practices of the region and also based on the strength of the stakeholders.**
- 13. Principals are requested to maintain the individual documentation such as registration to the activities, time table of the schedule, list of faculty and staff involved. Performance of the students in the activity, evaluation rubrics, and certificate issued for the best performer and evidential proof for having been performed in the activity along with the feedback forms collected from the stakeholders are also to be documented.**
- 14. Principals are requested to plan additional classes required for the completion of the syllabus of the first semester well within the calendar of events published by the VTU by curtailing the semester break holidays after the first semester.**



# Visvesvaraya Technological University

"Jnana Sangama" Belagavi-590018, Karnataka State, India

**Dr. A. S. Deshpande** B.E., M.Tech., Ph.D.  
Registrar

Phone: (0831) 2498100  
Fax: (0831) 2405467

Ref: VTU/Aca/A-9/2019-20/ 4316

Dated: 8 DEC 2020

## CIRCULAR

**Subject:** Conduction of Students' Induction Programme for 1<sup>st</sup>-semester students of the academic year 2020-21 regarding...

**Reference:**

1. VTU/BGM/SO2/2020-21/4162, dated 04.12.2020.
2. AICTE/AB/Academic-Calendar/2020-21, dated 13.08.2020 (Annexure-I point no. 05).

In view of the emerging situation related to the COVID-19 pandemic in India, 21 days continuous students Induction Programmes for 1<sup>st</sup>-semester students has been reduced to **one week** by the AICTE vide its circular mentioned at reference no.02. It is hereby informed to cover the following topics in ONLINE mode during the Students' Induction programme-

1. Universal Human Values
2. Physical Health and related activities
3. Familiarization of Department / Branch and Innovation
4. Visit- local area
5. Lecture by Eminent Persons
6. Language Proficiency Modules
7. Literature
8. Creative Practices
9. Extracurricular activities
10. Awareness of COVID-19 and SOP to be followed.

You are hereby directed to bring the same to the notice of all concerned and follow them scrupulously.

Sd/-  
REGISTRAR

To,

1. The Principals of all Non-Autonomous/Constituent /Autonomous Engineering Colleges and all Schools of Architecture under the ambit of VTU Belagavi.
2. The Chairpersons of all Departments, Centres for PG Studies in Belagavi, Kalaburgi, Muddenahalli, and Mysore.

Copy to.

1. To the Hon'ble Vice-Chancellor through the secretary to VC, VTU Belagavi for information
2. The Registrar (Evaluation), VTU Belagavi for information.
3. The Regional Directors (I/c) of all the regional offices of VTU for circulation.
4. The Special Officer CNC VTU Belagavi for uploading on VTU website
5. PS to Registrar VTU Belagavi
6. All the concerned Special Officer/s and Caseworker/s of the academic section, VTU, Belagavi

08.12.2020.  
REGISTRAR





**Visvesvaraya Technological University**  
"Jnana Sangama" Belagavi-590018, Karnataka State, India

**Dr. A. S. Deshpande** B.E., M.Tech., Ph.D.  
Registrar

Phone: (0831) 2498100  
Fax: (0831) 2405467

Ref: VTU/BGM/SO2/2020-21/ **4433**

Dated: **9 DEC 2020**

**CIRCULAR**

**Subject:** Regarding I semester classes conduction regarding...

**Reference:**

1. VTU/BGM/SO2/2020-21/4162, dated 04.12.2020
2. VTU/Aca/A9/2019-20/4316, dated 08.12.2020

In continuation of the notification and circular mentioned above, it is hereby informed to note the following points for conduction of the classes for I-semester students-

1. Students Induction Programme should start from 14.12.2020 and complete by 19.12.2020 in ONLINE mode only.
2. Regular classes should start from 21.12.2020 in ONLINE mode until further orders.
3. For the students who are joining late to the programme, the Induction Programme should be conducted separately in the free time slot that available in the regular academic calendar of the college.
4. It is hereby informed to maintain the academic records of all the students properly and should be made available to the University whenever required.

The Principals of Affiliated, Constituent, and Autonomous Engineering Colleges are hereby informed to bring the contents of this circular to the notice of all the concerned and follow them scrupulously

Sd/-  
REGISTRAR

To,

1. The Principals of all affiliated/ constituent /Autonomous Engineering Colleges under the ambit of VTU Belagavi.
2. The Chairpersons of all Departments, Centres for PG Studies in Belagavi, Kalaburgi, Muddenahalli, and Mysore.

Copy to.

1. To the Hon'ble Vice-Chancellor through the secretary to VC, VTU Belagavi for information
2. The Registrar (Evaluation), VTU Belagavi for information.
3. The Regional Directors (I/c) of all the regional offices of VTU for circulation.
4. The Special Officer CNC VTU Belagavi for uploading on VTU website
5. PS to Registrar VTU Belagavi
6. All the concerned Special Officer/s and Caseworker/s of the academic section, VTU, Belagavi

  
09.12.2020  
REGISTRAR  




# Visvesvaraya Technological University

(State University of Government of Karnataka Established as per the VTU Act, 1994)  
"Jnana Sangama" Belagavi-590018, Karnataka, India

Dr. A. S. Deshpande B.E., M.Tech., Ph.D.  
Registrar

Phone: (0831) 2498100  
Fax: (0831) 2405467

Ref: VTU/BGM/Aca-OS-SIP/2021-22/ 4008

Date 14 DEC 20

## CIRCULAR

**Sub: Mandatory Student Induction Programme for the  
Academic Year 2021-22 - reg..**

**Ref: Approval of Hon'ble Vice Chancellor dated 2-12-2021**

The Student Induction Programme is for the new students to help them feel comfortable, draw their attention towards exploring their academic interests and activities, reducing competition and making them work for excellence, promote bonding within them and build relations between teachers and students,

The main purpose of student induction programme is to help new students to familiarize and feel the new environment, inculcate in them the vision, mission and culture of the institution, help them build bonds with other students and faculty members.

The University Guidelines for Student Induction programme is enclosed. However, the College may also refer the AICTE and UGC Guidelines for same. Apart from the above, the college may design the Induction programme innovatively for the benefit of the students.

The colleges have to conduct the Student Induction Programme mandatorily. Hence, you are requested to bring this circular to the notice of all the students/faculty members of your College/ Institute and follow the same scrupulously.

For necessary compliance.

Further, for any guidance in conduction of Student Induction Programme, the Colleges may contact Dr. (Mrs.) Gayatri Reddy [ Mobile No : 9480322975], Special Officer, Universal Human Value, VTU.

**Encl: SIP Guidelines and other details**

**BY ORDER.**

**REGISTRAR,  
VTU, BELAGAVI**

**To,**

- 1. The of Principals of All Engineering (Affiliated/ Autonomous/ Constituent) Colleges under the ambit of VTU, Belagavi**
- 2. The Heads and Programme Co-ordinators of all VTU departments**

### **Copy to:**

1. Hon'ble Vice Chancellor through his Secretary, VTU, Belagavi for kind information
2. The Registrar (Evaluation), VTU, Belagavi
3. The Regional Directors (I/C) of all the Regional Offices of VTU for circulation
4. The Director, Computer Network Centre, VTU, Belagavi- to upload on VTU website
5. The PS to Registrar, VTU, Belagavi
6. All the concerned Special Officers and Case-workers of Academic Section, VTU, - Belagavi for information and needful





ವಿಶ್ವವಿದ್ಯಾರಣ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ

**Visvesvaraya Technological University**

"Jnana Sangama", Belagavi - 590 018, Karnataka State

**GUIDELINES FOR INDUCTION PROGRAMME**

**105 HOURS IN BLENDED MODE**

<b>Familiarization to Department/Branch and Innovations</b>
Exposure to branch/ department laboratories, workshops and other facilities, deferent method of study, etc.
<b>Physical Activity</b>
Exercise or Yoga, Games and sports, Gardening etc., where labour yields fruits from nature.
<b>Creative Arts (Skill related)</b>
Visual arts or performing arts like painting, sculpture, pottery, music, dance etc., would assist creative expression, develop a sense of aesthetics and enhance creativity which would, hopefully, flow into engineering design later.
<b>Universal Human Values</b>
Help students to stand up to peer pressure, take decisions with courage, be aware of relationships with colleagues and supporting staff in the hostel and department, be sensitive to others, etc.
<b>Proficiency Modules</b>
Would help students to overcome lacunas in English skills, computer familiarity, etc.
<b>Lectures by Eminent People</b>
Would give the students exposure to people who are socially active or in public life.
<b>Governing : Academic &amp; Non-Academic Matters</b>
<b>ACADEMIC:</b>
<ul style="list-style-type: none"> <li>• Academic terminology used.</li> <li>• Choice Based Education (CBE) and Outcome Based Education (OBE).</li> <li>• Semester System and its salient features.</li> <li>• Teaching – Learning methods.</li> <li>• Core courses, Professional Electives, Open Electives. Course Objective and Course Outcomes.</li> <li>• Programme Objectives. Programme Specific Objectives.</li> <li>• Credit system, SGPA, CGPA, Class recognition with respect to CGPA, Grade Card, Ranks</li> <li>• Attendance Requirements:</li> <li>• Assessment methods/Learning Assessments:               <ul style="list-style-type: none"> <li>(i)Continuous Internal Evaluations (CIE) – Tests and other methods of assessments like quiz, assignment, group discussions, seminar, course-project, etc.</li> <li>(ii)Semester End Evaluation (SEE)/University Examinations.</li> </ul> </li> <li>• Passing Standards: Minimum passing standard for CIE and SEE.</li> <li>• Conditions for the award of degree and Rank.</li> <li>• Conditions for the award of degree of B.E./ B.Tech. (Honours)</li> <li>• UGC, AICTE, DTE, VTU, NBA, NAAC, Washington Accord and its benefits</li> </ul>



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ

**Visvesvaraya Technological University**

"Jnana Sangama", Belagavi - 590 018, Karnataka State

**GUIDELINES FOR INDUCTION PROGRAMME**

**105 HOURS IN BLENDED MODE**

**NON-ACADEMIC MATTERS**

- Physical layout of College
- College specific terminology used.
- Vision and Mission of the College.
- Facilities and services located in College (Washrooms, Canteen, ATM, Bank, Post Office, Hostel, Playground, etc.,).
- Library (print and online learning resources, digital literacy, print and e-journal collection), Sports, Computer, Wi-Fi facilities, etc.
- Infrastructural facilities available in the college.
- Mentoring system.
- Code of conduct of the college.
- Prohibition of ragging/ Grievance redressal
- Introduction, Structures and procedures of the university.
- Where to go and whom to contact for guidance and support during their time as students.
- Tips to stay safe, both on and off campus. Contact number in case of needy hours.
- Internship, Incubation center if any, career guidance, Placement and entrepreneurship

**Association :**

Visits to Local Area like the landmarks of the city/ hospital/orphanage etc.

Would familiarize the students with the area as well as expose them to the under Privileged

**Feedback and report on the programme**

**REGISTRAR**





## ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

(“ವಿ.ಟಿ.ಯು. ಅಧಿನಿಯಮ ೧೯೯೪” ರ ಅಡಿಯಲ್ಲಿ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ)

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

(State University of Government of Karnataka Established as per the VTU Act, 1994)

“JnanaSangama” Belagavi-590018, Karnataka, India



Prof. Dr. B. E. Rangaswamy, Ph.D.  
REGISTRAR(I/C)

Phone: (0831) 2498100  
Fax : (0831) 2405467

REF: VTU/BGM/ACA/2022-23/ 4197

DATE: 19 NOV 2022

### Revised-NOTIFICATION

**Subject:** - Revised-Academic Calendar of 1<sup>st</sup> semesters of B.E./B.Tech./B.Arch./B.Plan., programs of University regarding...

**Reference:** The Hon'ble Vice-Chancellor's approval dated: 18.11.2022

The revised-academic calendar concerned to 1<sup>st</sup> semester of B.E./B.Tech./B.Arch./B.Plan., programs of University for academic year 2022-23 are hereby notified as mentioned below;

Revised Academic Calendar for I Semester of UG programs for the Academic Year 2022-23 (Tentative)			
Details	I semester B.E./B.Tech.	I semester B.Arch.	I semester B.Plan
**Induction Program	01.12.2022	01.12.2022	01.12.2022
	To 10.12.2022	To 10.12.2022	To 10.12.2022
Commencement of I semester Classes	12.12.2022	12.12.2022	12.12.2022
Last Working day of I Semester	31.03.2023	31.03.2023	31.03.2023
Practical Examinations	03.04.2023	03.04.2023	03.04.2023
	To 14.04.2023	To 14.04.2023	To 14.04.2023
Theory Examinations	17.04.2023	17.04.2023	17.04.2023
	To 10.05.2023	To 10.05.2023	To 10.05.2023
Commencement of II Semester	15.05.2023	15.05.2023	15.05.2023

#### Please Note:

- The academic sessions for ODD semesters should commence on the **date mentioned** above.
- \*\* Induction Program** shall be conducted for 10 days at the beginning of 1<sup>st</sup> semester and 11 days at the beginning of the 2<sup>nd</sup> semester.

1/2

12

During the induction program, college must brief about the new curriculum implemented from the academic year 2022-23.

- The Institute needs to function for **six days** a week with Saturday being half a working day. #if required, the college can also plan to have extra classes on Saturday afternoons and Sundays full day to complete academic activities within the duration mentioned.
- The faculty/staff shall be available to undertake any work assigned by the university.
- Notification regarding the Calendar of Events relating to the conduct of University **Examinations** will be issued by the Registrar (Evaluation) from time to time.
- Academic Calendar **may be modified** based on guidelines/directions issued in the future by MHRD/UGC/AICTE/State Government.
- Academic Calendar is also applicable for **Autonomous Colleges**. If any changes are to be effected by Autonomous Colleges in the academic terms and examination schedule, they could do so with the approval of the University.
- AICTE Activity point details circular will be issued by the Registrar's office separately.
- If any clarification/correction, please email to - [sbhvtuso@yahoo.com](mailto:sbhvtuso@yahoo.com)

The Principals of Affiliated, Constituent and Autonomous Engineering Colleges, Chairpersons of the University departments are hereby informed to bring the academic calendar to the notice of all concerned.

Sd/-

REGISTRAR

To,

1. The Principals of all affiliated/ constituent /Autonomous Engineering Colleges under the ambit of VTU Belagavi.
2. The chairperson, of the Department of Mechanical Engineering /Civil Engineering /Computer Science and Engineering, Electronics & Communication Engineering of the University.

Copy to.

1. To the Hon'ble Vice-Chancellor through the secretary to VC, VTU Belagavi for information
2. The Registrar (Evaluation), VTU Belagavi for information.
3. Special Officer QPDS VTU Belagavi for information
4. The Regional Directors (I/c) of all the regional offices of VTU for circulation.
5. The Director I/c. ITI SMU, VTU Belagavi for information and to make arrangements to upload Academic Calendar on the VTU web portal.
6. The Director of Physical Education, VTU Belagavi for information
7. OS for information and make arrangements to send the circular regarding AICTE Activity Points
8. All the concerned Special Officer/s and Caseworker/s of the academic section, VTU, Belagavi

  
19/11/22  
REGISTRAR  
F.





Office of the Principal  
Sir M. Visvesvaraya Inst. of Technology  
Ph. 080-28467248, 28477024 Extn: 200  
Email: [principal-int@sirmvit.edu](mailto:principal-int@sirmvit.edu)

Ref.No.:SMVIT/PO/N&C/015/2022-23

Date: 30.11.2022

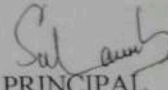
### NOTICE

Induction Programme for the newly admitted students is commencing from tomorrow and the regular classes from 12<sup>th</sup> Dec 2022. Students who have taken admission to hostels have already come in and day scholars will be coming from tomorrow.

All the higher semester students, both UG and PG are hereby warned not to indulge in any sort of ragging activities, on or off the campus. Strict and severe disciplinary action will be initiated against such students if found guilty of resorting to this heinous activity.

All the students are hereby instructed not to interact with newly admitted students in any manner, whatsoever, on or off the campus.

Let us join together and make our campus a 'Ragging free campus'.

  
PRINCIPAL 30/11/22  
PRINCIPAL

Sir M. VISVESVARAYA INSTITUTE OF TECHNOLOGY  
Krishnadevarayanagar, Hunasamaranahalli,  
International Airport Road, Bangalore-562157.

To

1. All the Notice Boards
2. File

SRR/-

Off. International Airport Road, Krishnadevarayanagar, Hunasamaranahalli, Bengaluru – 562 157

from: **Principal's Office** <principal-int@simvit.edu>  
to: faculty@simvit.edu,  
prabhakar@saathitelecom.com  
  
date: Nov 30, 2022, 3:25 PM  
subject: Fwd: Scanned copy of Student  
Induction Program schedule  
(Phase-I) 2022-23  
mailing list: faculty@simvit.edu [Filter](#)  
[messages from this mailing list](#)  
mailed-by: simvit.edu  
signed-by: simvit-  
edu.20210112.gappssmtp.com  
security: Standard encryption  
(TLS) [Learn more](#)

**Subject: Student Induction Program Phase-I 2022-23**

Dear faculty

Induction Program for I year students is scheduled from 1<sup>st</sup> Dec 2022 and the schedule is attached with this mail.

All the faculty members who are assigned with the responsibility of conducting sessions for newly admitted students are hereby requested to conduct the sessions as per the schedule drawn by Dr. G.M. Krishnaiah.

Any swapping of the sessions due to unavoidable and unforeseen circumstances can be done only after taking approval from Dr. G.M. Krishnaiah.

Academic Coordinator and Deputy Academic Coordinators are hereby requested to work along with Dr. G.M. Krishnaiah and his team throughout the duration of the Induction Programme. Academic Coordination cell will be handling this activity from next academic year.

Regards  
Prof. Rakesh S.G.





**SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY**

Affiliated to VTU, Belagavi | Approved by AICTE, New Delhi / Govt. of Karnataka | Accredited by NAAC UGC

# Induction Program

*for first year B.E. students - 2022*

*Window to your  
College Endeavours*



DECEMBER 1ST - DECEMBER 10TH



NEW AUDITORIUM, SMVIT CAMPUS

**REGARDS  
SMVIT FAMILY**

**SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY, BENGALURU - 562157**

**STUDENT INDUCTION PROGRAM (SIP) Phase-I FOR I SEM. B.E. STUDENTS FOR  
THE ACADEMIC YEAR 2022-23 (01-Dec-2022 TO 10-Dec-2022)**

<b>Date</b>	<b>Time</b>	<b>Topic</b>	<b>Presenter</b>	<b>Venue</b>
<b>Day: 1</b> 01-12-2022 Thursday	9-00 am to 10-00 am	Registration of Students	IPCs & ACs	Auditorium
	10-00 am to 10-30 am	Inauguration of 1 <sup>st</sup> Year B.E. Classes, and Overview of Sir MVIT	Prof. Rakesh. S. G, Principal of Sir MVIT.	Auditorium
	11-00 am to 12-30 pm	Familiarization of Basic Science & Humanities Departments	HOD's of Basic Science	Science Block
	1-30 pm to 2-15 pm	NSS Activities & Youth Red Congress Society (YRCS)	Mr. Byregowda, IS	Auditorium
	2-30 pm to 4-00 pm	Familiarization of Engg. Departments	HODs of EC, ET, CS & IS, BT, CV, EE & ME	Respective Departments
<b>Day: 2</b> 02-12-2022 Friday	9-30 am to 11-00 am	Academic matters	Dr. Kavitha, HOD, ETE	Auditorium
	11-30 am to 12-30 pm	Affiliation, Accreditation, Recognition and Ranking. VTU, AICTE, NBA, NAAC, SIRO, NIRF, ARIIA, IIC	Dr. H. L. Suresh, HOD, EEE	Auditorium
	1-30 pm to 2-30pm	Cultural activities and college events	Prof. K.V.R.Prasad, CV	Auditorium
	3-00 to 4-00 pm	Student Support system, Mentoring, Anti-Ragging, Grievances Redressal, Anti-sexual harassment, Fast and Slow learners	Dr. Shanmukharadhya, HOD ME	Auditorium
<b>Day: 3</b> 03-12-2022 Saturday	9-30 am to 10-30 am	AICTE Activity points	Dr. Sundarguru, HOD, ECE	Auditorium
	10-30 am to 11-30 am	Internship and Skill lab	Dr. H. G. Nagendra, HOD, BT	Auditorium
	11-30 am to 12-30 pm	Local Guardian Scheme	Dr. Shivanna, CV	Auditorium
<b>Day: 4</b> 05-12-2022 Monday	9-30 am to 11-00 am	English language and Communication Skill	Dr. Anitha, Dept of English	Auditorium
	11-30 am to 12-30 pm	Student club activities	Mrs. Tania, MBA	Auditorium
	1-30 pm to 4-00pm	Yoga, Food and Nutrition, International year of Millets	Dr. Ravikumar, HOD, CV, Mrs. Ramya, CV, Mrs. Rajeswari, ECE	Auditorium



<b>Day: 5</b> 06-12-2022 Tuesday	9-30 am to 11-00 am	Innovation and Design thinking	Dr. C. V. Mohan, Dept of EEE	Auditorium
	11-00 am to 12-30 pm	Scientific foundation of health	Dr. Priya Narayan, Dept of BT	Auditorium
	1-30 pm to 2-30 pm	An awareness on competitions related to Skill Development	Abhilash. S. H & team, Karnataka Skill Development Corporation	Auditorium
	3-00 pm to 4-00 pm	Alumni Association	Prof. K.V.R.Prasad, CV	Auditorium
<b>Day: 6</b> 07-12-2022 Wednesday	9-30 am to 11-00 am	R & D activities	Dr. H.G.Nagendra, HOD, BT	Auditorium
	11-30 am to 12-30 pm	Lecture on UHV-1 & Sustainable Development Goals (SDG)	Dr. G.M.Krishnaiah, HOD, Chemistry & Dr. Hariharan. N, HOD, Physics	Auditorium
	1-30 pm to 2-30 pm	Orientation on "Library and it's facilities"	Ravish, Librarian	Auditorium
	3-00 pm to 4-00 pm	Non-Academic matters	Ekta Joly, ECE	Auditorium
<b>Day: 7</b> 08-12-2022 Thursday	9-30 am to 11-00 am	Use of ICT in Teaching Learning Process	Dr. G. C. Bhanuprakash, HOD, CSE	Auditorium
	11-30 am to 12-30 pm	MOOCS & Institute Innovation Council (IIC)	Dr. Vanipriya, HOD, MCA	Auditorium
	1-30 pm to 2-45 pm	Emerging areas in Information Technology	Dr. Vijaykarthik, IS HOD	Auditorium
	2-45 pm to 3-15 pm	Career Guidance Cell (CGC)	Mrs. Krishnapriya Sharma, ECE	Auditorium
	3-15 pm to 4-00 pm	Intellectual Property Rights (IPR)	Dr. Mahesh, Dep of EEE	Auditorium
<b>Day: 8</b> 09-12-2022 Friday	9-00 am to 9-45 am	Sports and facilities	Dr. Rajesh. Y. H, PED	Auditorium
	9-45 am to 10-30 am	Pollution control and Environmental protection	Dr. Ravi Kumar. H, HOD, Dr. Shivanna, Vyshnavi, CV	Auditorium
	10-30 am to 11-00 am	Abhikalpana-NGO activities	Dr. Sumaswamy, CSE	Auditorium
	11-30 pm to 12-30 pm	Training and Placement activities	Prof. S. H. Khan, Director, T&P	Auditorium
	12-30 pm to 1-00 pm	Entrepreneurship Development Cell (EDC)	Dr.Priya Narayan, BT	Auditorium
	2-30 pm to 4-00 pm	Welfare activities for girls	Mrs. Vijaya, Katalyst,	CSE Seminar hall

<b>Day: 9</b> 10-12-2022 Saturday	9-00 am to 12-30 p.m	Freshers' Day, Inauguration of 1 <sup>st</sup> Year B.E. Classes, Talk by Eminent Persons.	Chief Guest: Shri Pankaj Kumar Pandey, IAS Secretary, Department of Commerce & Industries (MSME & Mines) Government of Karnataka	Auditorium
	12-30 pm to 1-30 pm	Lunch (for all staff, 1 <sup>st</sup> year students and their parents etc.)		Boys Hostel
	2-00 pm to 3-00 p.m	Interaction of parents with Principal and HOD's		Auditorium
<b>Day-10</b> 30.12.2022 (Friday)	9.30 a.m	Leading students from class rooms to college Buses	IP Coordinator, ACs, LG & Class Teachers	SIR MV Birth Place & VTU RRC.
	4-00 p.m	Local Tour to important place of visit	IP Coordinator, ACs, LG & Class Teachers	Lunch at Muddenahalli & visit to Devanahalli Fort

SIP Coordinators: Dr. G. M. Krishnaiah *20/11/2022*  
& Dr. Hariharan. N.) *20/11/2022*

*Sell*  
*Sd/-*  
**PRINCIPAL** *26/11/22*  
**PRINCIPAL**

Sir M. VISVESVARAYA INSTITUTE OF TECHNOLOGY  
Krishnadevarayanagar, Hunasamaranahalli,  
International Airport Road, Bangalore-562 157,



### **A Report of Phase-I: 10-Days Student Induction Program (SIP)**

The “10-Days Students Induction Program (SIP) Phase-I” for the first year B.E. degree students of 10 branches was conducted in our college at main auditorium from 1<sup>st</sup> Dec to 10<sup>th</sup> Dec 2022.

The objective of the program was to make the students feel comfortable in their new environment, to set up a healthy daily routine, create bonding among students as well as between faculty and students, develop awareness, sensitivity and understanding of the self, people around them, society at large and nature.

The sessions consisted of activities and events in line with the AICTE & VTU directives. More than 700 students benefitted from this 10-day program, which was held at our main auditorium.

Most of the speakers were HoDs and Senior faculty members of the Institute. The schedule of 10-days program were structured as Initial phase, Regular Phase and Closing Phase.

The 1<sup>st</sup> day of the Student Induction Program on 1<sup>st</sup> Dec 2022 constituted the initial phase. The Program was inaugurated by our beloved Principal Prof. Rakesh. S. G. He gave a very nice inspirational speech to all the students to conclude that the “*future of students lies in their own hands*” by narrating a nice story of “*Student-Teacher and Butterfly*”.

The following were the highlights of the program

- The Students were given the information and prospective of their branch, various facilities and infrastructure available at the Institute by the Head of their department.
- Various sessions were arranged to create an awareness among students on “Academic matters, Accreditation, Cultural activities and college events, Student Support system, AICTE Activity points, Internship and Skill lab, Local Guardian Scheme, Student club activities, Alumni Association, Sports facilities and Library facilities” among others.
- The placement Director Dr. S. H. Khan addressed the students on “Training and Placement activities”
- The students gained tremendous knowledge on “Importance of yoga, the benefits of doing yoga regularly, the practice of meditation and relaxation to attain peace of mind.” during Yoga sessions.
- The talk on “Pollution control and Environmental protection” emphasized the importance of protecting & preserving our Planet.
- The closing phase of the Induction program included the visit to Sir M. Visvesvaraya’s birth place, VTU PG center at Muddenahalli and other historical place on 30-Dec-2022.



**Prof. Rakesh S. G - Principal addressing the gathering during the inauguration of 10 days Student Induction Program**





**Mrs. Ekta Jolly - Academic Co-ordinator, Dr. Hariharan. N- HoD-Physics,  
Dr. G. M. Krishnaiah - HoD-Chemistry and Dr. G. K. Prashanth,  
Dy. Academic Co-ordinator during the address by Principal**



**The August gathering during address by Prof. Rakesh S. G – Principal**



**Above: Mr. Byregowda of ISE Dept addressing the students on “NSS Activities & Youth Red Congress Society (YRCS)”**



**Dr. H. L. Suresh, HOD-EEE addressing the students on “Accreditation, Recognition and Ranking of Institutions”**





**Dr. Kavitha, HOD-ETE giving an awareness on “Academic matters” to all the 1<sup>st</sup> year B.E students**



**Prof. K.V.R.Prasad, CV addressing the 1<sup>st</sup> year students on “Cultural activities and college events”**



**Dr. Shanmukharadhya, HOD ME giving an awareness on “Student Support system” to 1<sup>st</sup> year B.E students**



**Dr. Sundarguru, HOD, ECE delivering a lecture on “AICTE Activity points” to the 1<sup>st</sup> year B.E students**





**Dr. H. G. Nagendra, HOD-BT addressing 1<sup>st</sup> year B.E students on “Internship and Skill labs”**



**Dr. Anitha, Dept of English creating an awareness on “English language and Communication Skills” to the 1<sup>st</sup> year B.E students**



**Mrs. Tania, MBA addressing all students on “Student club activities”**



**Mrs. Rajeswari, ECE , Dr. Ravikumar, HOD, CV & Mrs. Ramya, CV, performing  
“Yoga sessions” for 1<sup>st</sup> year B.E students**





**Student performing Yoga sessions**



**Dr. C. V. Mohan, EEE addressing the 1<sup>st</sup> year B.E students on “Innovation and Design Thinking”**



**Dr. Priya Narayan and Dr. Rajendra Singh addressing the 1<sup>st</sup> year B.E students on “Scientific Foundation of Health”**

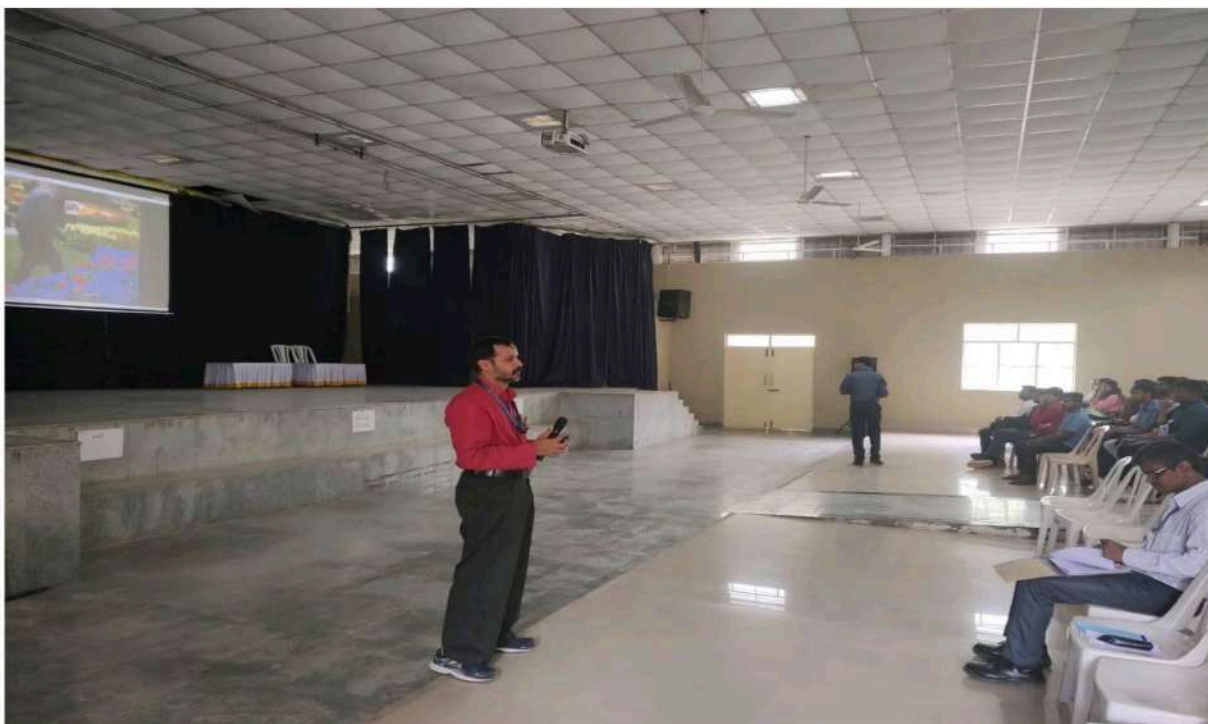




**Prof. K.V.R.Prasad, CV giving the glimpses of “Sir MVIT Alumni Association” to all the 1<sup>st</sup> year B.E students**



**Dr. G. M. Krishnaiah, HOD-Chemistry addressing 1<sup>st</sup> year B.E students on “Universal Human Values (UHV)”**



**Dr. Hariharan. N, HOD-Physics addressing the 1<sup>st</sup> year B.E students on  
“Sustainable Development Goals (SDG)”**



**Prof. Ekta Joly, ECE addressing the 1<sup>st</sup> year B.E students on “Non-Academic  
matters”**





**Prof. G. C. Bhanuprakash, HoD-CSE delivering an expert lecture on “Use of ICT in Teaching Learning Process” for 1<sup>st</sup> year B.E Students**



**Dr. Vanipriya, HOD-MCA delivering an expert lecture on “MOOCS & IIC” to the 1<sup>st</sup> year B.E students**



**Prof. Vijay Karthik, HOD-ISE delivering an expert lecture on “Emerging areas in Information Technology” to the 1<sup>st</sup> year B.E students**



**Prof. Krishna Priya Sharma, Dept of ECE creating an awareness on “Career Guidance Cell (CGC)” to the 1<sup>st</sup> year B.E students**





**Dr. Mahesh, EEE creating an awareness on “Intellectual Property Rights (IPR)” to the 1<sup>st</sup> year B.E students**



**Dr. Rajesh. Y. H, PED addressing 1<sup>st</sup> year B.E students on “Sports facilities”**



**Dr. Shivanna & Prof. Vyshnavi, CV delivering lecture on “Pollution control and Environmental protection” to 1<sup>st</sup> year B.E students**





**Dr. Sumaswamy, CSE giving an orientation on “Abhikalpana-NGO activities” to the 1<sup>st</sup> year B.E students**



**Mrs. Vijaya, Katalyst delivering an orientation session on “Katalyst” for 1<sup>st</sup> year girl students**



Office of the Principal  
Sir M. Visvesvaraya Inst. of Technology  
Ph. 080-28467248, 28477024 Extn: 200  
Email: [principal-int@sirmvit.edu](mailto:principal-int@sirmvit.edu)

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Ref.No.:SMVIT/PO/N&C/019/2022-23


Date: 08.12.2022

<b>CIRCULAR</b>
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Dear All

The Inauguration of first year classes of 2022 admission batch is scheduled on Saturday, the 10<sup>th</sup> of December 2022 from 10.30 AM onwards in the main auditorium. You are hereby invited to attend the programme and partake in the lunch thereafter. All the classes for both UG & PG programmes stands cancelled on this day.

Several committees have been constituted to ensure smooth conduct of the inauguration programme. I request you to extend a helping hand to the committee members and make this programme a grand success.

  
Prof. Rakesh S.G.

To

1. [all@sirmvit.edu](mailto:all@sirmvit.edu)
2. File

SRR/-





Sri Krishnadevaraya Educational Trust  
**Sir M. VISVESVARAYA INSTITUTE OF TECHNOLOGY**  
Krishnadevarayanagar, Hunasamaranahalli, Bengaluru - 562157

**THE MANAGEMENT, FACULTY & STAFF**  
Cordially invite you for

**“AARAMBH – 2022”**

(Inauguration of 1<sup>st</sup> year Classes of 2022 admission batch)  
on

Saturday, the 10<sup>th</sup> December 2022, @10.40 am

**Shri PANKAJ KUMAR PANDEY, IAS**  
Secretary, Department of Commerce & Industries (MSME & Mines)  
Government of Karnataka  
**WILL BE THE GUEST OF HONOUR**

**Dr. A.C. CHANDRASHEKAR RAJU**  
President, Sri KET  
**WILL PRESIDE OVER THE FUNCTION**

**Shri K.V. SEKHAR RAJU**  
Vice President, Sri KET

**Shri K. SYAMA RAJU**  
Secretary, Sri KET

**Shri M. VENKATARAMANA RAJU**  
Treasurer, Sri KET  
**WILL GRACE THE OCCASION**

**Prof. Rakesh S.G.**  
Principal, Sir MVIT

**Venue:** Main Auditorium, Sir MVIT Campus





## PROGRAMME SCHEDULE

- Naadageethe (State Anthem)
- Lighting of the Lamp by the dignitaries
- Invocation
- Welcome address
- Report on Induction Programme
- Highlights of placements by Director, T&P
- Address by the Principal
- Address by the Secretary, Sri KET
- Address by Chief Guests
- Distribution of Awards to Rank Holders
- Release of e-news letter Varthamanjari
- Felicitation of Chief Guests
- Presidential Remarks
- Vote of Thanks
- National Anthem
- Lunch Break
- Interaction session with Parents by HODs and Faculty members





## **I YEAR B.E. INAUGURATION PROGRAMME**

The college organized an inaugural function **"AARAMBH" - 2022** on 10-12-2022, to welcome the batch of 2022-2026. The campus was filled with excitement, joy, and enthusiasm for a new beginning that emanated on this bright day. The journey began with lighting the lamp and seeking the blessing from Goddess Saraswati. Following this devout gesture, the students and their parents were escorted to the program venue.

Ms. Hitha M (S5- BT), Varsha S (S5- IS), Spoorthi (S5- EEE), and Disha A Patil (S5- EEE) in mellifluous unison, rendered the invocation song. The occasion was presided over by Dr. A. C. Chandrashekar Raju President of Sri KET and graced by Vice President of Sri KET- Sri K.V. Shekar Raju, Secretary of Sri KET- Sri K. Syama Raju, Treasurer of Sri KET- Sri M. Venkataramana Raju, Chairman, Academic Committee Sri G. Prabhakar Raju, Chief Guest- Sri Rakesh Singh, IAS, Additional Chief Secretary, Department of Urban Development, Govt. of Karnataka, Principal Prof. Rakesh S.G., HoDs, Faculty members, Students, Parents, Press and Media.

Dr. H. G Nagendra, Head, Department of Biotechnology introduced Chief Guest, Sri Rakesh Singh, IAS, Additional Chief Secretary, Department of Urban Development, Govt. of Karnataka. The Chief Guest Sri Rakesh Singh spoke about the importance of the human value system in the present generation, he briefed about moral story- "The great faith in God". He also distributed the awards for a few rank holders of 2016 batch.

Dr. M Krishnaiah, Head, Department of Chemistry gave a brief report on Induction Programme.

Prof. S H Khan, Director of Training and highlighted the placements on the campus and briefed about the formulated seven-phase Training program for the holistic development of the students.

Prof. Rakesh S.G., gave an overview of the college, and also briefed us about the rules and regulations of the college and hostel. He also addressed the students through a moral story- "The journey of the Engineering Students".

Dr. E Kavitha Ramesh, Head of the Department of Electronics and Telecommunication announced the rank holders and awards were given away by the dignitaries for 2019, 2020, and 2021 batches.

The event added on with the release of the 1st issue of e-newsletter **"VARTHAMANJARI"** (Volume.1 November 2022)

Mrs. Sheetal Bagali, Assistant Professor, Department of Electronics and Communication Engineering, and Dr. Anitha S, Assistant Professor, Department of English, compered the whole event.

Dr. Uma S K, Head Department of Mathematics proposed a vote of thanks.

The event ended with the National Anthem and a sumptuous lunch.



**Felicitation to the Chief guest by the Office Bearers and Trustees of SKET & Principal**



**Prof. Rakesh. S. G - Principal addressing the parents, 1<sup>st</sup> year B.E students during Fresher's day on 10-12-2022**





**Prof. S. H. Khan, Director, T&P addressing the august gathering on Placement activities of the college**



**Dr.G. M. Krishnaiah-HoD Chemistry reading the report of "Phase-I 10 days Student Induction Program (SIP)"**





**Felicitation of VTU Rank holders**



## Glimpses of the I Year B.E. Inauguration Programme





**Local Trip to Muddenahalli and near by places.**



**Floral tribute to Sir MV by Prof. Rakesh. S. G - Principal and Staff members**



**Floral decoration by the students at Sir MV's Samadhi, Muddenahalli**



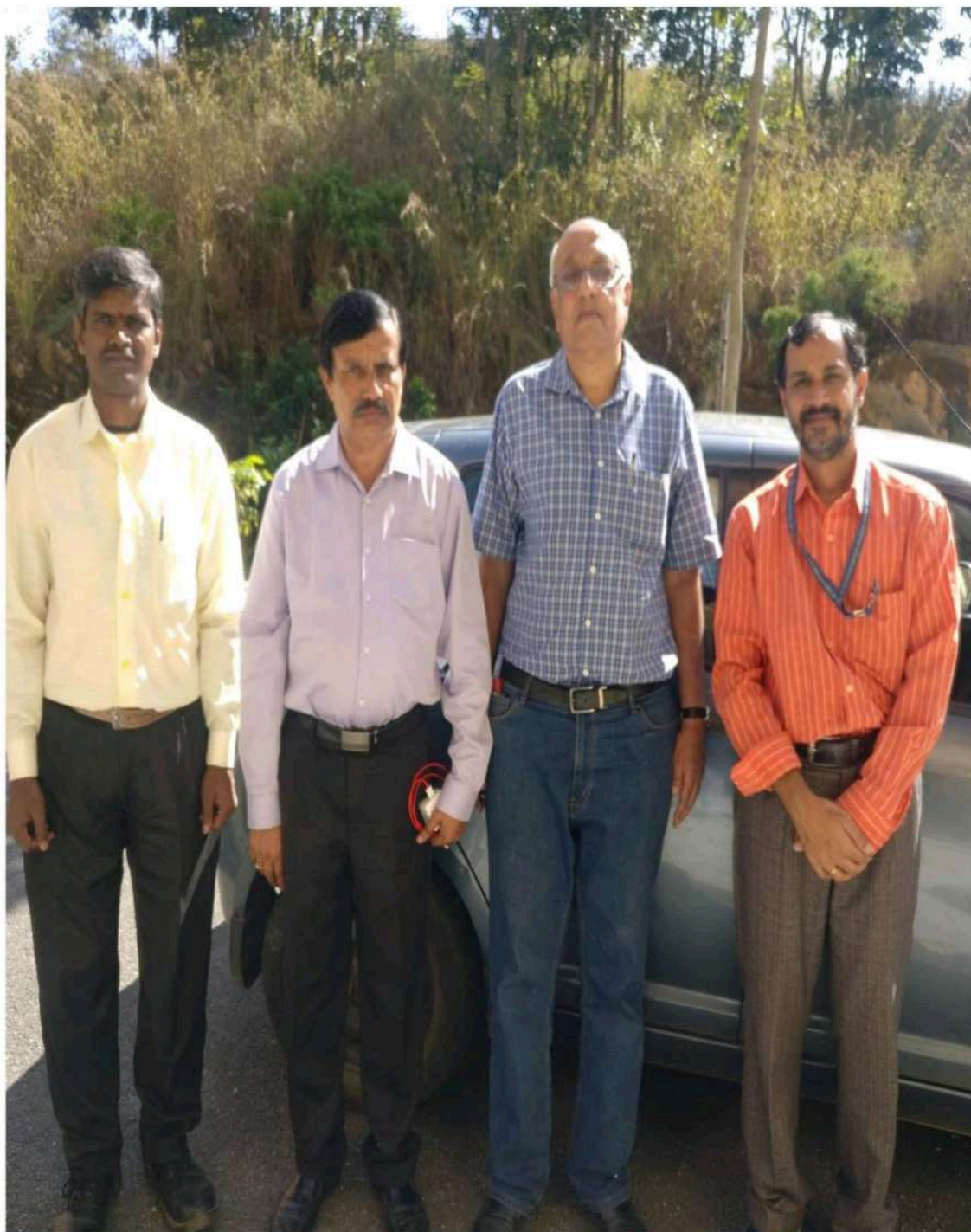


**Students visit to Sir MV's Museum at Muddenahalli**



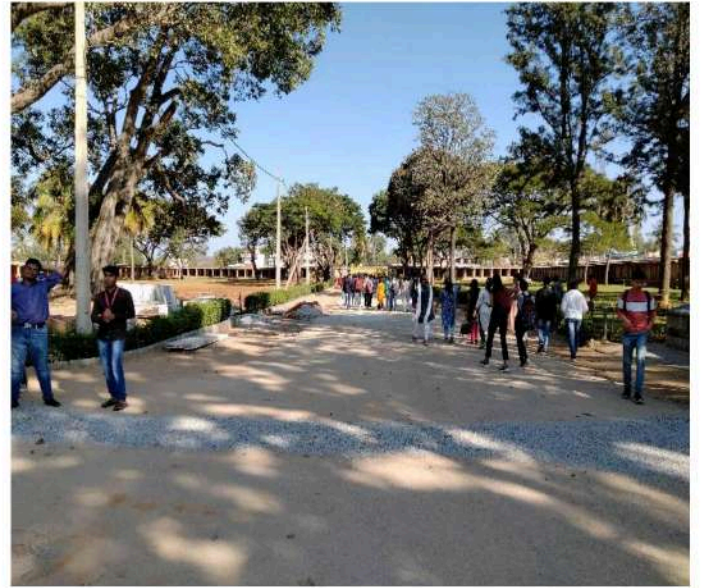
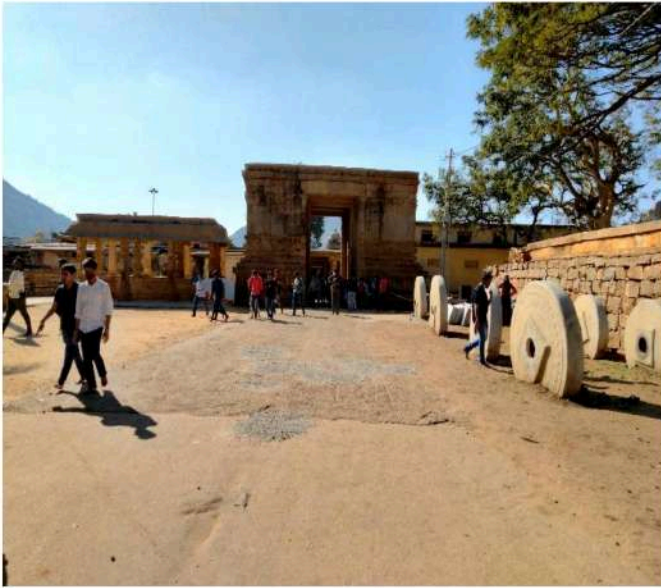
**Students and faculties having lunch**





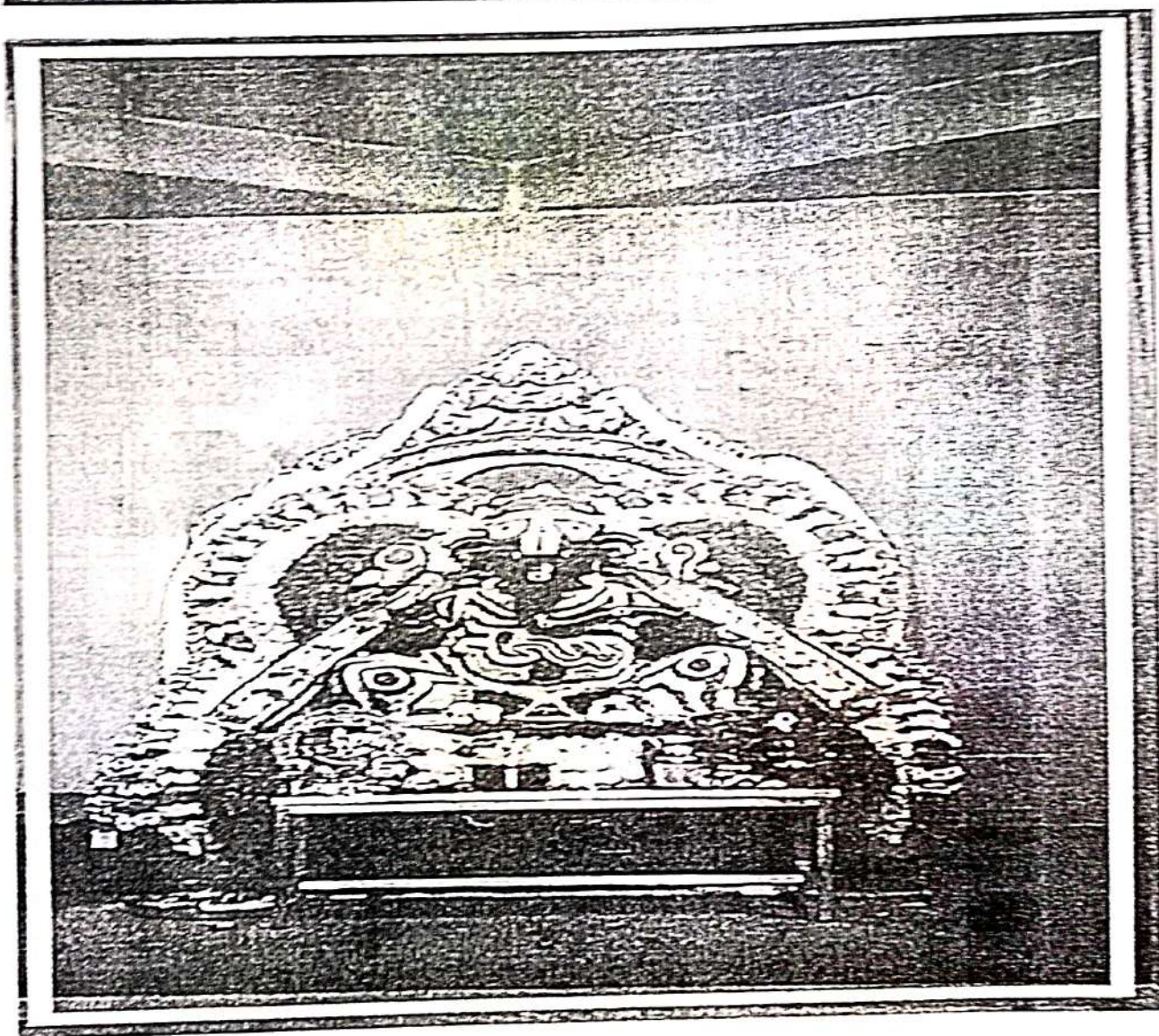
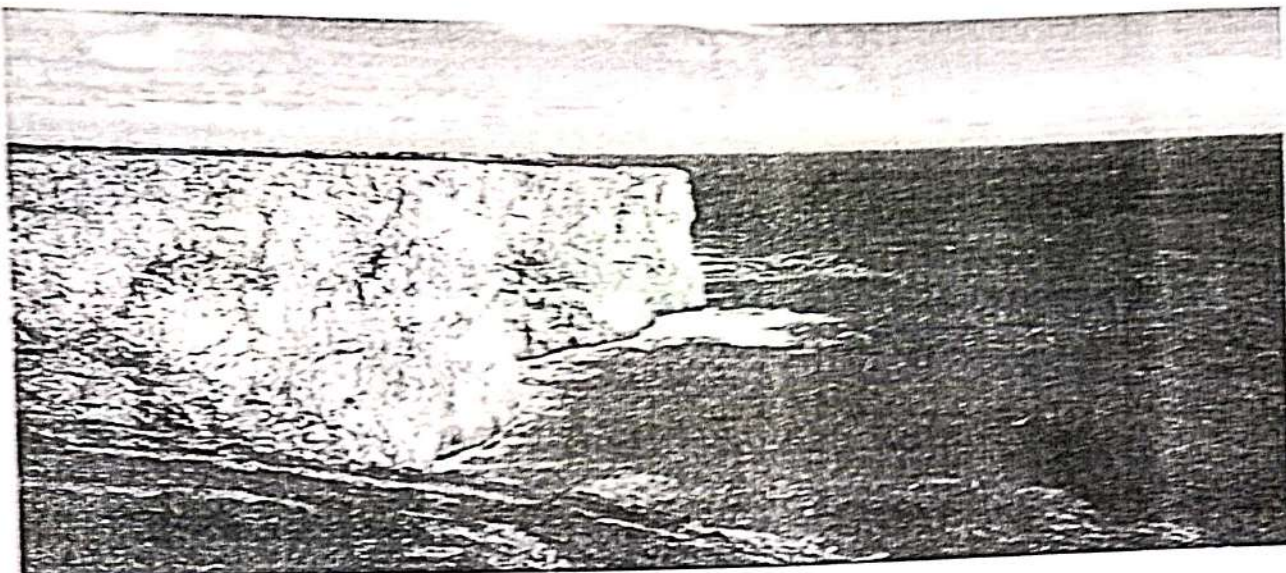
**Sri. G. R. Shivakumar, Dr. G. M. Krishnaiah HoD-Chemistry, Sir MV's grand son Sri. Sathish Mokshagundam & Dr. Hariharan. N HoD-Physics at Muddenahalli.**





**Students visit to the Nandi temple at Nandigrama near Muddenahalli.**





Under the blessings of Lord Vidya Ganapathy, we were able to complete this Phase-I  
10 days Student Induction Program successfully.

Vidya Ganapathy ki Jai



*[Signature]*  
Prof. & Head  
Dept. of Chemis  
Sir M. Visvesvaraya Institute  
Bengaluru-562 151  
Page 48 of 48



**SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY  
BENGALURU-562157**

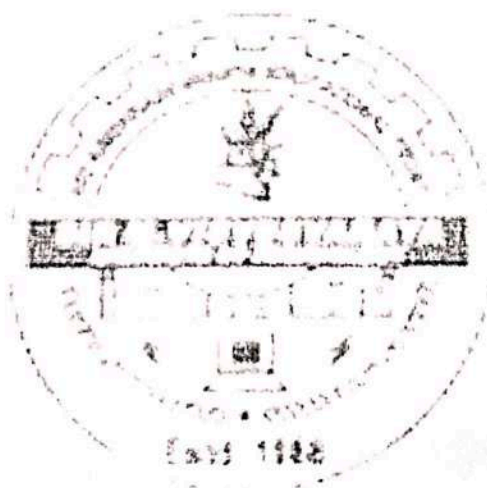
**REPORT OF 10-DAYS STUDENT INDUCTION PROGRAM (SIP)  
(Phase-II)**

**FOR 1<sup>ST</sup> YEAR B. E. STUDENTS OF THE ACADEMIC YEAR 2022-2023**

**JUNE-2023**

**Chief Coordinator:**

**Dr. H.L. SURESH  
Professor and HOD of EEE**



**CHAIRMAN**

**PROF. RAKESH S. G.**

**PRINCIPAL**

**SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY  
BENGALURU-562157**

# ACTIVITIES SCHEDULE

Sl no	Date	Activity	Section	Timings	Resource Persons
1	5-6-23	Yoga	A,B,C,D	2.30- 4.00 PM	Dr.Sheetal Bagali
		Swachh campus Abhiyan	I,J,K,L	1.30 - 4.00 PM	Dr.Rashmi Mr.Byregowda
2	6-6-23	Yoga	I,J,K,L	2.30- 4.00 PM	Dr.Ravikumar
		Swachh campus Abhiyan	E,F,G,H	1.30 - 4.00 PM	Dr.Rashmi Mr.Byregowda
3	7-6-23	Yoga	E,F,G,H	2.30- 4.00 PM	Dr.Ravikumar
		Swachh campus Abhiyan	A,B,C,D	1.30 - 4.00 PM	Dr.Rashmi Mr.Byregowda
4	8-6-23	Talk on "Sexual Harassment- Prevention, Prohibition and Redressal Act"	All sections	2.00 - 4.00 PM	Ms.Sneha Latha, Psychologist & Counsellor Bangalore
5	9-6-23	Talk on "Energy efficiency and Energy conservation"	All sections	2.00 - 4.00 PM	Dr. Mahesh K. Sir MVIT Bangalore
6	10-6-2023	Vasthradhana	All sections	10.00AM - 4.00 PM	-
7	12-6-2023	Awareness Session On "Tobacco and Drug Abuse"	All sections	2.00 - 4.00 PM	Ms. SHWETA PRATAP, Psycho Oncologist, Cytecure Hospitals, Bengaluru
8	13-6-23	Well- Being programme (Counselling)	A,B,C,D,E,F, G	2.00 - 4.00 PM	Ms. Reena Sonigrah (Well-Being consultant)
9	14-6-23	Well- Being programme (Counselling)	H,I,J,K,L,M, N	2.00 - 4.00 PM	Ms. Reena Sonigrah (Well-Being consultant)
10	24-06-23	Cultural Program	All sections	10.00AM - 4.00 PM	-





# ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

## VISVESVARAYA TECHNOLOGICAL UNIVERSITY

State University of Government of Karnataka Established as per the A.U. Act, 1994 (Jnanasampanna) Belagavi District, Karnataka, India

Prof. B. E. Rangaswamy Ph.D

REGISTRAR

REF.VTU/RGM/PG/2023/600

Phone: 083311 27041100

Fax: 083311 270416

DATE: 8 MAY 2023

### NOTIFICATION

**Subject:** Tentative Academic Calendar of II Semester B.E./B.Tech., B.Arch. and B.Planning (I semester B.E./B.Tech. programs of this University) regarding

**Reference:** HOD/PG/PG/2023 The approved dated 08/05/2023

Tentative Academic Calendar of II Semester B.E./B.Tech., B.Arch. and B.Planning (I semester B.E./B.Tech. programs of this University for the academic year 2022-23) is hereby notified as mentioned below.

(Tentative) Academic Calendar for semesters of II semester B.E./B.Tech., B.Arch./B.Planning and IV semester B.E./B.Tech., Programs (May 2023)

	II semester B.E./B.Tech.	II semester B.Arch./B.Planning	IV semester B.E./B.Tech.
Commencement of even semester	17.05.2023	17.05.2023	17.05.2023
Internship			To 03.06.2023
Commencement of the Classes	17.05.2023	17.05.2023	05.06.2023
Last Working day of the Semester	31.08.2023	31.08.2023	16.09.2023
Practical Examination/Viva Examination	01.09.2023 To 10.09.2023 11.09.2023	01.09.2023 To 08.09.2023 11.09.2023	19.09.2023 To 30.09.2023 03.10.2023
Theory Examinations	To 07.10.2023	To 27.09.2023	To 20.10.2023
Commencement of next Semester	09.10.2023	09.10.2023	05.10.2023

### Please Note

- The academic calendar for the year 2022-23 is as mentioned above.

- If necessary, the college may hold extra classes on Saturdays and Sundays to complete academic activities within the specified timeframe.
- The faculty/staff shall be available to undertake any work assigned by the university.
- University Examination Calendars will be published by the Registrar (Evaluation) from time to time.
- The Academic Calendar may be modified as MHRD/UGC/AICTE/state governments issue guidelines/directives in the future.
- Academic calendars are also applicable to autonomous colleges. If any changes are to be made by Autonomous colleges in the academic terms and examination schedule, they could do so with the approval of the university.
- If any clarification/correction/suggestions, please email [sbhalbhavi@vtu.ac.in](mailto:sbhalbhavi@vtu.ac.in)
- \*\* Induction Program shall be conducted for 10 days for 2nd semester students. Activities related to Induction program shall be conducted on every 1st day (not required on Sunday) totaling to 10 days. Upon completion of the Induction program, colleges must email a brief report to [sbhalbhavi@vtu.ac.in](mailto:sbhalbhavi@vtu.ac.in)

1. The principals of engineering colleges under the ambit of the University are hereby informed to bring the academic calendar to the notice of all concerned.
2. The Chairpersons of the PG department of the University where PG programs are offered are hereby informed to bring the academic calendar to the notice of the all concerned.
3. The Directors of Schools of Architecture and Planning under the ambit of the University are hereby informed to bring the academic calendar to the notice of all concerned.

Sd/  
REGISTRAR

To,

1. The principals of all engineering colleges, Directors, Schools of Architecture and Planning, under the ambit of VTU Belagavi. The Chairperson of the PG Department of the University.

Copy to,

1. To the Hon'ble Vice-Chancellor, through the secretary to VC, VTU Belagavi for information.
2. The Registrar (Evaluation), VTU Belagavi for information.
3. The Regional Directors (I/c) of all the regional offices of VTU for circulation.
4. The Director I/c, ITI SMU, VTU Belagavi for information and to make arrangements to upload Academic Calendar on the VTU web portal.
5. The Director of Physical Education, VTU Belagavi for information.
6. The Director of Central Placement Cell, VTU Belagavi for information.
7. All the concerned special Officers and caseworkers of the academic section, VTU Belagavi.

Ras  
REGISTRAR

H/



# **VISVESVARAYA TECHNOLOGICAL UNIVERSITY - BELAGAVI**

## **1<sup>st</sup> Year BE, Induction Program –II (IP)**

1. All the Managements, Principals, Faculty and Staff members of constituent, affiliated and autonomous colleges are requested to extend their whole hearted cooperation towards the successful completion of the three week IP.
2. As per the guidelines of AICTE, three week IP has been introduced for the 1<sup>st</sup> Semester Engineering students admitted for the academic year 2018 – 2019 under VTU.
3. This is in view of developing inquisitiveness over technical education among the stakeholders (engineering students)
4. IP consist of three phases namely Initial Phase, Regular Phase and Final Phase. Initial and Final Phase will have two days each and regular phase will run for 10 days
5. Familiarization of procedure, scheme and syllabus, guidelines, examination system is outlined in the first phase, in addition to this, various functionary, infrastructure and facilities created by the college/institute is also outlined in the initial phase
6. In the regular phase in order to develop competency over physical activity, creative arts, universal human values, literary activity, proficiency modules, personality development, event management and leadership qualities, 14 day well blended schedule with grasping, speaking, writing, model making, involvement in the skill and sports activities, lecture by eminent people and visit to the local areas have been planned and record to use this data/ information in future effectively.
7. Plenary session may be conducted in the main venue with all the stakeholders through the presentation type of activities
8. It is desirable to address the students in small group of 20-30 for the activity based programs for successful implementation of IP
9. The outcome of IP and effectiveness will be evaluated in the final phase through quiz, debate, oral and written examination. Performance in the various skills, planned events, and performance in sports and competitive spirit in the team matches are also will be evaluated.
10. Qualitative feedback will be collected from the stake holders for the further improvement of the IP.

# VISVESVARAYA TECHNOLOGICAL UNIVERSITY - BELAGAVI

## 1<sup>st</sup> Year BE, Induction Program –II (IP)

11. The schedule of the three week is arrived based on experience, feedback and activities of the VTU and the institution. The effectiveness of the implementation of the IP depends upon the involvement of the Principal faculty, staff members and senior students of the institutions.
12. The program schedule is generic and discrete in nature therefore the Principal of the colleges can rearrange the schedule as per the prevailing practices of the region and also based on the strength of the stakeholders.
13. Principals are requested to maintain the individual documentation such as registration to the activities, time table of the schedule, list of faculty and staff involved. Performance of the students in the activity, evaluation rubrics, and certificate issued for the best performer and evidential proof for having been performed in the activity along with the feedback forms collected from the stake holders are also to be documented.
14. Principals are requested to plan additional classes required for the completion of the syllabus of the first semester well within the calendar of events published by the VTU by curtailing the semester break holidays after the first semester.





ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ  
**Visvesvaraya Technological University**  
 "Jnana Sangama", Belagavi - 590 018, Karnataka State

**GUIDELINES FOR INDUCTION PROGRAMME**

**105 HOURS IN BLENDED MODE**

**Familiarization to Department/Branch and Innovations**

Exposure to branch/ department laboratories, workshops and other facilities, deferent method of study, etc.

**Physical Activity**

Exercise or Yoga, Games and sports, Gardening etc., where labour yields fruits from nature.

**Creative Arts (Skill related)**

Visual arts or performing arts like painting, sculpture, pottery, music, dance etc., would assist creative expression, develop a sense of aesthetics and enhance creativity which would, hopefully flow into engineering design later.

**Universal Human Values**

Help students to stand up to peer pressure, take decisions with courage, be aware of relationships with colleagues and supporting staff in the hostel and department, be sensitive to others, etc.

**Proficiency Modules**

Would help students to overcome lacunas in English skills, computer familiarity etc.

**Lectures by Eminent People**

Would give the students exposure to people who are socially active or in public life

**Governing : Academic & Non-Academic Matters**

**ACADEMIC:**

- Academic terminology used
- Choice Based Education (CBE) and Outcome Based Education (OBE)
- Semester System and its salient features
- Teaching Learning methods.
- Core courses, Professional Electives, Open Electives, Course Objective and Course Outcomes
- Programme Objectives, Programme Specific Objectives.
- Credit system, SGPA, CGPA, Class recognition with respect to CGPA, Grade Card, Ranks
- Attendance Requirements:
- Assessment methods/Learning Assessments:
  - (i) Continuous Internal Evaluations (CIE) - Tests and other methods of assessments like quiz, assignment, group discussions, seminar, course project, etc.
  - (ii) Semester End Evaluation (SEE)/University Examinations.
- Passing Standards: Minimum passing standard for CIE and SEE
- Conditions for the award of degree and Rank.
- Conditions for the award of degree of B.E./ B.Tech (Honours)
- UGC AICTE, DTE VTU, NBA, NAAC, Washington Accord and its benefits



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ

Visvesvaraya Technological University

"Jnana Sangama", Belagavi - 590 018, Karnataka State

## GUIDELINES FOR INDUCTION PROGRAMME

### 105 HOURS IN BLENDED MODE

#### NON-ACADEMIC MATTERS

- Physical layout of College
- College specific terminology used.
- Vision and Mission of the College.
- Facilities and services located in College (Washrooms, Canteen, ATM, Bank, Post Office, Hostel, Playground, etc.).
- Library (print and online learning resources, digital literacy, print and e-journal collection), Sports, Computer, Wi-Fi facilities, etc.
- Infrastructural facilities available in the college.
- Mentoring system.
- Code of conduct of the college.
- Prohibition of ragging/ Grievance redressal
- Introduction, Structures and procedures of the university.
- Where to go and whom to contact for guidance and support during their time as students.
- Tips to stay safe, both on and off campus. Contact number in case of needy hours.
- Internship, Incubation center if any, career guidance, Placement and entrepreneurship

#### Association :

Visits to Local Area like the landmarks of the city/ hospital/orphanage etc.

Would familiarize the students with the area as well as expose them to the under Privileged

Feedback and report on the programme

REGISTRAR



## **A Report of Phase-II: 10-Days Student Induction Program (SIP)**

The “10-Days Students Induction Program (SIP) Phase-II” for the first year B.E. degree students of 10 branches was conducted in our college at main auditorium from 5<sup>th</sup> Jun to 24<sup>th</sup> June 2023.

The objective of the program was to make the students feel comfortable in their new environment, to set up a healthy daily routine, create bonding among students as well as between faculty and students, develop awareness, sensitivity and understanding of the self, people around them, society at large and nature.

The sessions consisted of activities and events in line with the AICTE & VTU directives. More than 700 students benefitted from this 10-day program, which was held at our main auditorium.

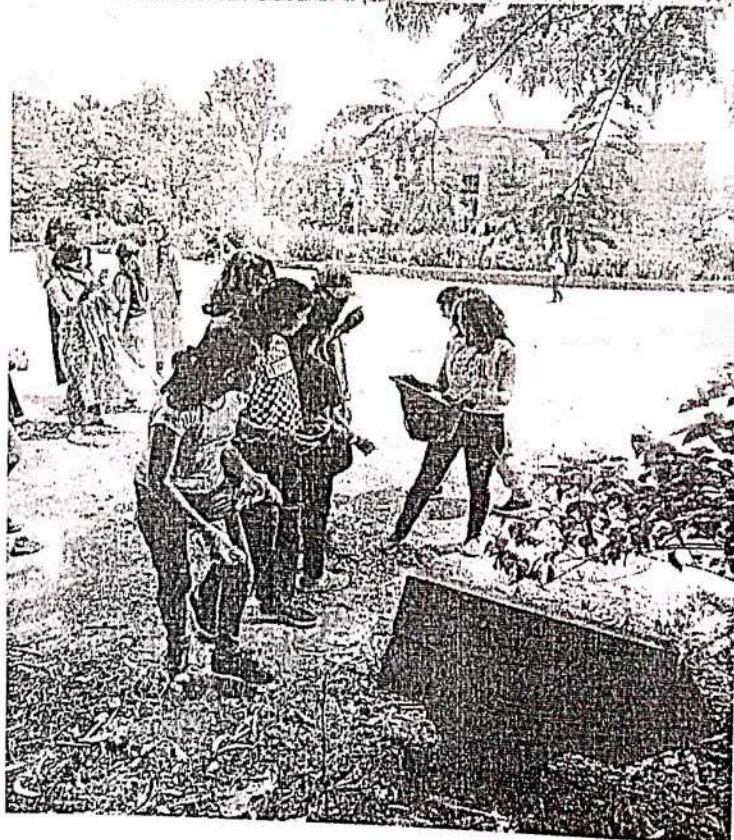
Most of the speakers were HoDs and senior faculty members of the Institute and external resource persons. The schedule of 10-days program was structured as Initial phase, Regular Phase and final Phase.

The following were the highlights of the program

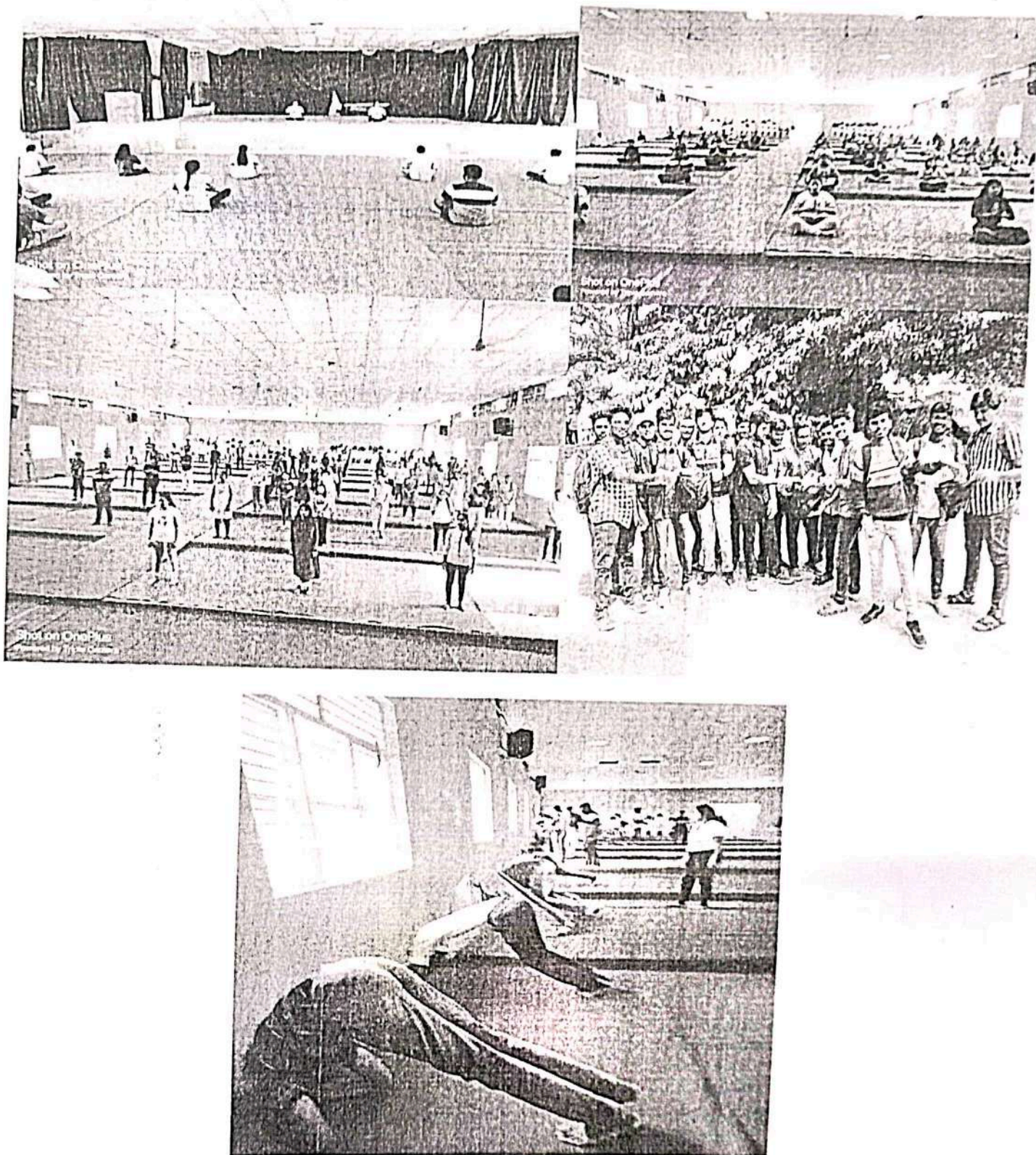
- The Students participated in college campus Swachh campus Abhiyan.
- Various sessions were arranged to create awareness among students.
- The Students participated in cultural programs like singing and dancing competition.
- The students gained tremendous knowledge on “Importance of yoga, the benefits of doing yoga regularly, the practice of meditation and relaxation to attain peace of mind.” during Yoga sessions.
- Well - Being counseling programme was arranged for students.



## DAY 1 to DAY 3



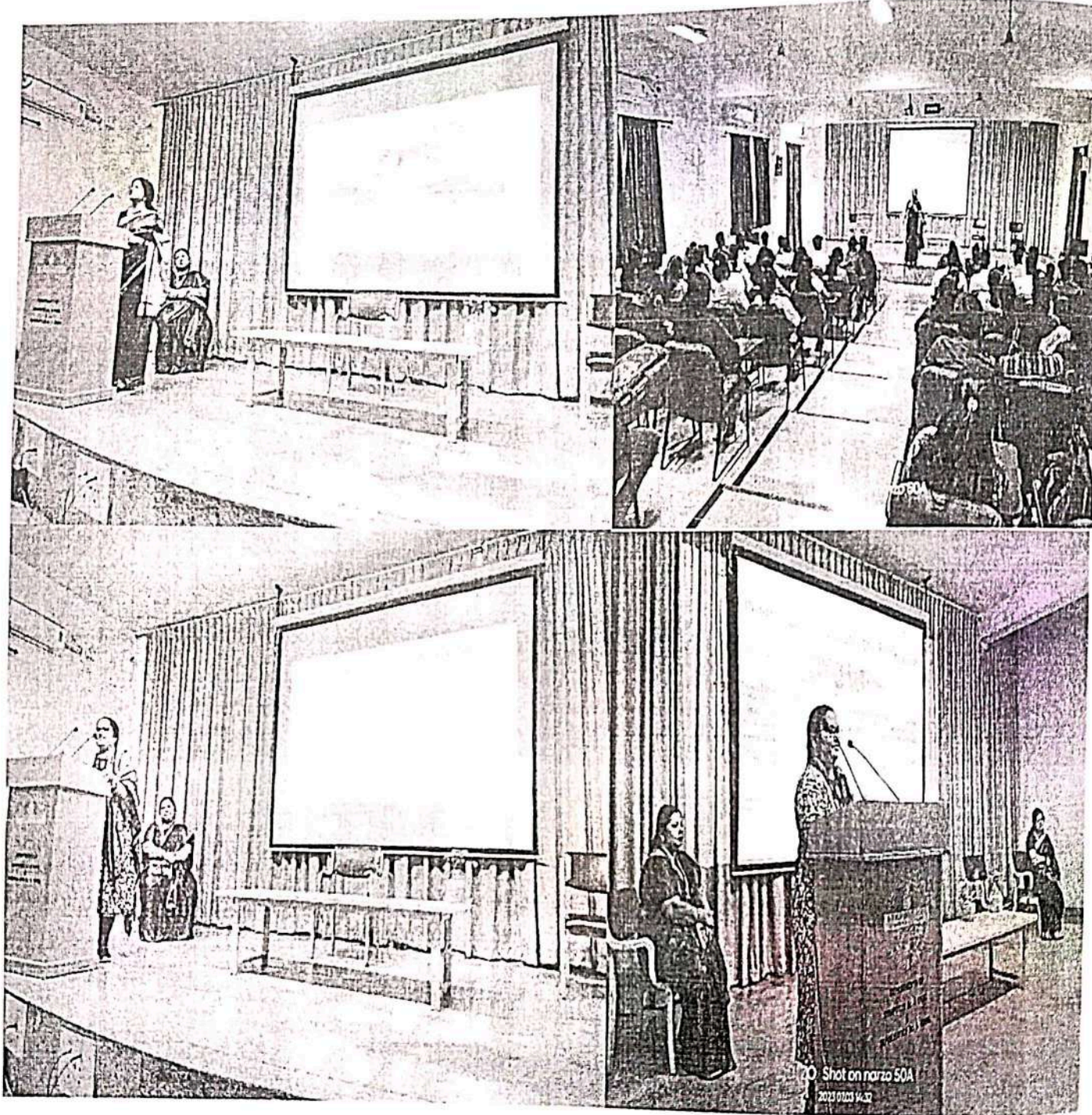




Day 1 to 3: Yoga and Swachh campus Abhiyan was conducted from 05/06/23 to 07/06/23 . The students actively involved in the Yoga and Swachh campus Abhiyan . Dr Ravikumar , Dr Shethal , Dr.Rashmi and Mr Byregowda guided the students.



## DAY 4



Day 4: Organized Talk on “Sexual Harassment- Prevention, Prohibition and Redressal Act”, External Resource person Ms. Sneha Latha, Psychologist & Counselor, Bangalore handled session and created awareness among the students.



## DAY 5



Day 5: Organized Talk on “Energy efficiency and Energy conservation”, Session handled by Resource person Dr.Mahesh K, The student volunteers carried forward a campaign throughout the campus. They approached classes and proclaimed the trends in usage of energy and stressed the importance to be given to energy conservation. The listeners were also quite interactive and gave in their views regarding energy conservation. Competitions namely quiz, article writing and Digital poster making were conducted.



## DAY 6



Day 6: Organized “Vasthradhana” Program for students, Students collected reusable cloths from students and faculty members of our institution and donated to Old age Homes by the end of the day.



## DAY 7



Day 7: An awareness session on "Tobacco and Drug Abuse" was conducted by Ms. Shweta Pratap, a renowned Psycho Oncologist from Cytecure Hospitals in Bengaluru. The session aimed to educate the students about the detrimental effects of tobacco and drug abuse, and to raise awareness about the importance of maintaining a healthy lifestyle.

The objectives of the awareness session were as follows:

- To educate students about the health risks associated with tobacco and drug abuse.
- To create awareness about the physical, psychological, and social consequences of addiction.
- To provide information on available resources and support for addiction recovery.
- To promote a healthy lifestyle and encourage students to make informed choices.



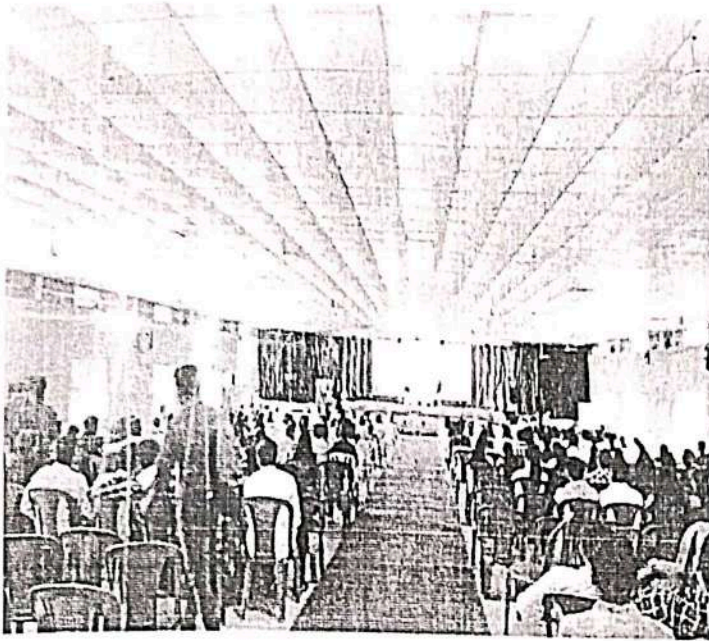
## DAY 8 & 9



Day 8 & 9: Organized "Well-Being (Counseling) " Program from students. Session was handled by Ms. Reena Sonigraha (Well-Being consultant). The Session mainly focused on assistance and guidance to students in making the right choices in their studies and life, also provided students with an opportunity to talk about their problems and thoughts in a safe space.



## DAY 10



Day 10: The program aimed at providing the opportunity to the 1<sup>st</sup> year students to showcase their talents in the fields of music and singing. As cultural events are great ways to build an emotional resilience in students. It increases self- confidence and self-esteem in students. The vivacious dancers set the floor on fire with their energetic performance.



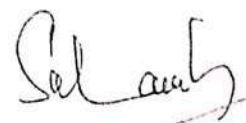
## Student induction program concludes at Sir M.VIT Bengaluru

A total of 700 students participated in this program which was conducted from 05<sup>th</sup> June -26<sup>th</sup> June 2023. The objective of the programme was to make fresher inquisitive learners, socially conscious, ethically and morally upright individuals by lectures and interactive sessions by experts and eminent speakers from reputed institutes/ companies. Several doubts and queries were raised by the students during the interactive session and were amicably answered by the experts. All the sessions were interactive, motivating and insightful. Faculty and student mentors from across programs worked extensively to ensure that the induction was well organized.



**Dr. H.L. SURESH**

Chief Coordinator



**PROF. RAKESH S. G.**

PRINCIPAL





**SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY  
BANGALORE 562 157**

**DEPARTMENT OF BIOTECHNOLOGY**

***CORDIALLY INVITES ONE & ALL***

**To the Inaugural Popular Talk**

**On**

**Innovations and Entrepreneurial  
Opportunities  
in Phytopharmaceuticals**



**As part of the  
5<sup>th</sup> Integrative Workshop on  
"Recent Advances and Emerging Applications  
of Phytopharmaceuticals"**

**Being Conducted In association with  
The Himalaya Drug Company, Bengaluru**

**During**

**November – December 2022**

**(On All Saturdays)**

Speaker:

**Dr. U V Babu**

**Head, The Himalaya Drug Company,  
Bengaluru**

Date and Time:

**4<sup>th</sup> November 2022, 11 AM to 12noon**

Venue:

**BT Seminar Hall**

*All staff  
3/11*

*3/11/22*

*3/11/22*

*3/11/22*

*3/11/22*

*3/11/22*

*3/11/2022*

*3/11/2022*

*3/11/2022*

*3/11/22*

**SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY  
BANGALORE 562 157**

**DEPARTMENT OF BIOTECHNOLOGY**


**5<sup>th</sup> Integrative workshop on "The Recent advances in Phytopharmaceuticals & drug discovery – an Industrial Application" 5<sup>th</sup> Nov – 3<sup>rd</sup> Dec 2022.**

Being Conducted In association with  
The Himalaya Drug Company, Bengaluru

**Schedule**

Week and Date	Module	Subjects	Time	Faculty coordinator
		Workshop Inaugural lecture by Dr UV Babu	11AM -12noon	Dr KVR
Week 1 5/11/2022	Module 1	Drug Discovery & introduction to ISM	9.15 – 11.30	Dr KVR
	Module 2	Pharmacognosy; Biodiversity; GACP Practical- Module 2	11.35 - 1.00 2.00- 3.30	Dr KVR
Week 2 12/11/2022	Module 3	Analytical development for RM identification	9.15 -11.30	Dr CR
	Module 4	Cell & Mol Biology techniques in Natural products Practical- Module 3	11.35- 1.00 2.00 -3.30	Dr KVR
Week 3 19/11/2022	Module 5	Application of Microbiology in Natural products and its safety studies	9.15 -11.30	Dr KVR
	Module 6	Advantages of Plant Biotechnology in Herbal industries Practical- Module 6	11.35- 1.00 2.00-3.30	Dr KVR
Week 4 26/11/2022	Module 7	Introduction to Phytochemistry, Extraction & Isolation of Bioactive compounds	9.15 -11.30	Dr CR
	Module 8	Principles of HPLC, LC-MS and its application. spectrophotometer techniques for the identification of Bioactive. Practical Module 7 & 8	11.35- 1.00 2.00 -3.30	Dr CR
Week 5 3/12/2022	Module 9	Introduction of Process Eng. Advanced techniques in Pilot scale production.	9.15 -11.30	Dr CR
		<b>Project Idea presentation -11.30 – 12.30 Valedictory – 12.30 to 1.30</b>		Dr CR and Dr KVR

   
**Rajendra Singh and Rashmi K V**  
Associate Professors & Workshop Co-ordinators

  
**H G Nagendra**  
Dr H.G. Nagendra  
Professor & Head  
Department of Biotechnology  
Sir M. Visvesvaraya Institute of Technology  
BANGALORE : 562157





*H. C. Nagendra*  
Dr. H. C. Nagendra  
Professor & Head  
Department of Biotechnology  
M. S. Swamyaraya Institute of Technology  
Bangalore - 560075



INSTITUTION'S  
INNOVATION  
COUNCIL  
Ministry of HRD Initiatives

Himalaya Wellness Company

**SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF BIOTECHNOLOGY**  
**5 Day Workshop on "Recent Advances in the Development of Phytopharmaceuticals"**  
**In association with Himalaya Wellness Company, Bengaluru**

**Report**

Department of Biotechnology, Sir MVIT organized **5 Day Workshop on "Recent Advances in the Development of Phytopharmaceuticals"** in association with Himalaya Wellness Company, Bengaluru from 5<sup>th</sup> November 2022 to 3<sup>rd</sup> December 2022 (5 Saturdays) for 7<sup>th</sup> Semester BE-Biotechnology students.


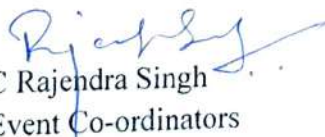
There were 9 modules in the workshop like Drug Discovery & Introduction to ISM, Pharmacognosy; Biodiversity; GACP, Analytical development for RM identification, In vivo and In vitro techniques in Natural products, Application of Microbiology in Natural products and its safety studies, Advantages of Plant Biotechnology in Herbal industries, Introduction to Phytochemistry, Extraction & Isolation of Bioactive compounds, Principles of HPLC, LC-MS and its application. spectrophotometer techniques for the identification of Bioactive, Introduction of Process Eng. Advanced techniques in Pilot scale production.

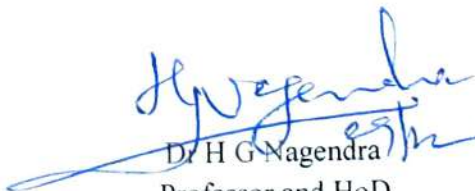
Everyday morning 2 hours theory sessions were followed by 4 hours of practical sessions. A total of 17 scientists from various departments of Himalaya Wellness R&D have conducted the different modules of the workshop. After every module, students were given assessments and at the end of 5 days cumulative grade was calculated. All the experts from Himalaya Wellness R&D were presented with a memento as a token of appreciation. Feedback on all the sessions were collected from students.

Modules of this workshop has helped in bridging the gaps in the POs 1, 2, 3, 4, 5, 6 and 7.

Through this workshop students gained knowledge on various aspects of analytical techniques commonly used in phytopharmaceuticals identification and characterization. For example, TLC, GC, HPLC, LC-MS, NMR, GC-MS, in vivo and in vitro techniques in natural products screening, cell and molecular biology techniques in estimating the efficacy and toxicity of the natural drugs, animal models and pharmacological techniques in drug testing.

Overall, all the sessions gave industrial insights on phytopharmaceuticals development and were highly appreciated by all the students.

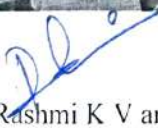
  
  
Dr Rashmi K V and Dr C Rajendra Singh  
Associate Professors & Event Co-ordinators


  
Dr H.G. Nagendra  
Professor and HoD  
Dr H.G. Nagendra  
Professor & Head  
Department of Biotechnology  
Sir M Visvesvaraya Institute of Technology  
BANGALORE - 562157



## Glimpses of the workshop



  
 Dr Rashmi K V and Dr C Rajendra Singh  
 Associate Professor & Event Co-ordinator

  
 Dr H G Nagendra  
 Professor and HoD



**SRI KRISHNADEVARAYA EDUCATIONAL TRUST**

No. 16, Ballari Road, Sadashivanagar, Bengaluru – 560 080

Ref.No.KET/SMVIT / 157 /2022 – 2023 /574

Date : 24/09/2022

**N O T E:**

Sub: Financial assistance for organizing 5<sup>th</sup> series Integrated Workshop on “Downstream Processing of Phytopharmaceuticals” – Reg.

Ref: Proposal dated 07/09/2022 from Dr. H.G. Nagendra, HOD, Dept. of Biotechnology, bearing No. 270, dated with Principal's endorsement No. 2375, dated 12/09/2022.

\*\*\*

With reference to the above, this is to convey approval for organizing 5<sup>th</sup> series of Integrated Workshop on “Downstream Processing of Phytopharmaceuticals” from 10/10/2022 to 15/10/2022 by industry experts from Himalaya Drug Company, Bengaluru.

Rs.32,000/- (Rupees Thirty Two Thousand only) is granted for this workshop which may be drawn from Principal's SB account and reimbursement claimed within 15 days from the event with duly audited bills and vouchers.

(K.SYAMA RAJU)  
SECRETARY

To  
The Principal,  
Sir MVIT,  
Bengaluru.

Copy to:

1. Dr. H.G. Nagendra, HOD Biotechnology, Sir MVIT.
2. Accounts Officer, Sri KET, Bengaluru.

Dr CR  
Dr KVR  
By V K R  
29/9/2022





5<sup>th</sup> Integrative Workshop on "The Recent advances & Emerging Applications of  
Phytopharmaceuticals" from 5<sup>th</sup> Nov – 3<sup>rd</sup> Dec, 22

Pharmacognosy Practical – Assessment Form

Name of the Student: GOWDA SNEHA DEVE

Date: 05/11/2022

Branch: BIOTECHNOLOGY

Register Number: 1MV19BT008

29 1/2

Sample ID	Sample Identified As	Correct	Wrong	Score
1)	Identify sample - <u>Hibiscus rosa-sinensis</u>	✓		1
2)	Identify sample - <u>Rhododendron arboreum</u>	✓		1
3)	Identify sample - <u>Terminalia chebula</u>	✓		1
4)	Identify sample - <u>Terminalia belizica</u>	✓		1
5)	Identify sample - <u>Emblia officinalis</u>	✓		1
6)	Identify sample - <u>Cyperus rotundus</u>	✗		0/1
7)	Identify sample - <u>Scirpus maritimus</u>	✗		0/1
8)	Identify sample - <u>Piper longum</u>	✗		0/1
9)	Identify sample - <u>Piper betula</u>	✓		1
10)	Identify starch type/material - <u>Tapioca</u>	✓		1
11)	Identify starch type/material - <u>Maize / corn</u>	✓		1
12)	Identify starch type/material - <u>Rice</u>	✓		1
13)	Identify starch type/material - <u>Rice</u> <sup>-Rhizome</sup> <u>Alpinia galanga</u>	✓		1
14)	Identify starch type/material - <u>Alpinia galanga</u>	✓		1
15)	Identify the type of calcium crystal - <u>Raphide</u> <u>Aesva lanata</u>	✓		1/2
16)	Identify the type of calcium crystal - <u>Asparagus racemosus</u> <sup>(Raphides)</sup>	✓		1
17)	Identify the type of calcium crystal - <u>Andropogon paniculata</u> <sup>(Raphides)</sup>	✓		1
18)	Identify the type of calcium crystal - <u>Tinospora cordifolia</u> <sup>(Raphides)</sup>	✓		1
19)	Identify stomata type - <u>Spinach</u> - (Diacytic type)	✓		1
20)	Identify stomata type - <u>Hibiscus</u> - (Anisocytic type)	✓		1
21)	Identify stomata type - <u>Spring onion</u> - (Pseudocytic type)	✓		1
22)	Identify stomata type - <u>Methi</u> <u>Alovera</u> - (Anisocytic)	✓		1
23)	Identify stomata type - <u>Methi</u> - (Anisocytic type)	✓		1
24)	Identify trichome type - <u>Eclipta alba</u> <del>leaf</del> (glandular)	✓		1
25)	Identify trichome type - <u>Hibiscus rosa-sinensis</u> (stellate)	✓		1
26)	Identify trichome type - <u>Indigofera tinctoria</u> - leaf.	✓		1
27)	Identify trichome type - <u>Aesva lanata</u> - stem	✓		1
28)	Identify trichome type - <u>Ocimum sanctum</u> (Tulsi)	✓		1
29)	<u>Rubia cordifolia</u> - Identify Stem or Root - <u>Rubia cordifolia</u> (stem)	✓		1
30)	<u>Rubia cordifolia</u> - Identify Stem or Root - <u>Rubia cordifolia</u> (Root)	✓		1
Note: Tick the Appropriate, Score for Correct = 1 & Wrong = 0 (Use Blue/Black Ink Pen)				Total Scored <u>29 1/2</u>

Evaluated By (Name):

5<sup>th</sup> Integrative workshop on "The Recent Advances in Phytopharmaceuticals & Drug Discovery an Industrial Application" Saturdays from 5<sup>th</sup> November to 3<sup>rd</sup> December 2022.

Student assessment list:

Sl. No.	Name	College	Total (100)	Grade points (G)	Grade
1	AASHITHA C SHEKAR	MVIT	93.08	9	A
2	ACHYUTH S V	MVIT	95.25	10	A+
3	ADVAITH K G	MVIT	52.33	6	C
4	APARNA B S	MVIT	56.75	6	C
5	CHATURHTY	MVIT	57.50	6	C
6	DEEPIKA BHAT	MVIT	39.33	4	D
7	EMILEE GRACIA DOMNIC	MVIT	92.50	9	A
8	GOWDA SNEHA DEVE	MVIT	58.33	6	C
9	GURURAJA	MVIT	17.25	2	E
10	K HRUTHIK KUMAR RAJU	MVIT	58.67	6	C
11	KAVYA BAI O P	MVIT	92.50	9	A
12	MADHUMITHA K	MVIT	59.67	6	C
13	MAHALAKSHMI N	MVIT	57.83	6	C
14	MAITHRI B M	MVIT	92.17	9	A
15	NAGASHREE S	MVIT	92.25	9	A
16	NIHARIKA K S	MVIT	26.67	4	D
17	PRANESH KULASEKHAR	MVIT	89.17	9	A
18	RICHARD STEPHEN S	MVIT	92.67	9	A
19	ROHAN THOMAS CHERIAN	MVIT	17.50	2	E
20	SAMARTH RAJE URS P A	MVIT	74.83	7	B
21	SHREYA P	MVIT	45.83	4	D
22	SHRUTHI P	MVIT	88.08	9	A
23	SMRITI HUNSIGI	MVIT	58.50	6	C
24	SRINJANA RAHA	MVIT	17.25	2	E
25	SYEDA DANIYA IMAN	MVIT	92.42	9	A
26	THEJASHREE M	MVIT	50.25	6	C





**SRI KRISHNADEVARAYA EDUCATIONAL TRUST'S**  
**SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY**

Krishnadevarayanagar, Hunasamaranahalli, Off. International Airport Road, Bengaluru - 562157

(Affiliated to Visvesvaraya Technological University, Recognised by AICTE & Accredited by  
National Board of Accreditation, New Delhi. An ISO 9001 : 2008 Certified Institution.)

Ph.: 080-2846 7248, 2847 7024, /25/26/ Fax : 080-2846 7081

E-mail : sirmvitbgl@gmail.com Web : www.sirmvit.edu

**DEPARTMENT OF BIOTECHNOLOGY**

(Recognised as R & D Centre by V.T.U.)

Ref.No. SMVIT/BT/ 531 /2022-23

Date : 19/1/2023



To

The National Coordinator

PMRF

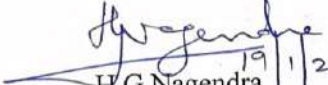
Dear Sir/Madam

Further to the detailed discussions with Ms. Senji Laxme R R (who is a PhD Scholar and a PMRF Fellow at CES, IISc), as per PMRF requirements, we are pleased to utilize her expertise in a 25 hour teaching module to our Final Year BE Biotechnology Engineering students, between March and June 2023, at our campus.

This is for your kind information and needful.

Thanking You,

Yours Faithfully

  
H G Nagendra 19/1/2023

Dr. H.G. Nagendra

Professor & Head

Department of Biotechnology

Sir M. Visvesvaraya Institute of Technology

BANGALORE - 562157

## SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY

List of students participating in the lecture series of Venomology-2023

Sl. No	BE students
1	K S LASYA
2	JHANVI RONI
3	URVIJA DUBEY
4	AASHITHA C SHEKAR
5	ACHYUTH S V
6	ADVAITH K G
7	APARNA B S
8	CHATURTHY
9	DEEPIKA
10	EMILEE GRACIA DOMNIC
11	DEVE SNEHA GOWDA
12	GURURAJ
13	HRUTHIK KUMAR RAJU
14	KAVYA BAI O P
15	MADHUMITHA K
16	MAHALAKSHMI
17	MAITHRI B M
18	NAGASHREE S
19	NIHARIKA K S
20	PRANESH KULASEKHAR
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30	TRISHA C
31	UPPU AISHWARYA
32	UMA MAHESHWARI



33	VIDYASHREE
34	VRITHI RAJU

Sl. No	<b>MTech students</b>
1	YAMUNA
2	JANE
3	YADUKIRAN
4	AKSHATHA
5	MANUDYUTH
6	AYAN

### Venom pharmacology (18 classes)

S. No	Date	Topic	No. of hours
1	02-03-2023 09-03-2023	<b>Introduction to Venomics:</b> Basic definitions, importance, applications and prospects	2
2	16-03-2023	<b>Venom diversity:</b> Venom variation levels and consequences, application of proteomics, transcriptomics and other techniques in venom characterisation	2
3	23-03-2023	<b>Venom pharmacology:</b> Toxin types, targets and physiological effects, clinical toxicology	2
4	30-03-2023	<b>Venom evolution:</b> Brief overview of coevolution, arms race and other fascinating aspects of venom evolution	2
5	06-04-2023 13-04-2023	<b>Clinical aspects of venom research:</b> Snakebite problem, focus on snakebite therapies, antibody discovery	4
6	20-04-2023	<b>Venom as therapeutics:</b> Drugs from venom toxins and bioprospecting	2
7	27-04-2023	<b>Student seminars</b>	2
8	30-04-2023	<b>Student seminars</b>	2



## ARTICLE

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# NETosis and lack of DNase activity are key factors in *Echis carinatus* venom-induced tissue destruction

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Indian *Echis carinatus* bite causes sustained tissue destruction at the bite site. Neutrophils, the major leukocytes in the early defence process, accumulate at the bite site. Here we show that *E. carinatus* venom induces neutrophil extracellular trap (NET) formation. The NETs block the blood vessels and entrap the venom toxins at the injection site, promoting tissue destruction. The stability of NETs is attributed to the lack of NETs-degrading DNase activity in *E. carinatus* venom. In a mouse tail model, mice co-injected with venom and DNase 1, and neutropenic mice injected with the venom, do not develop NETs, venom accumulation and tissue destruction at the injected site. Strikingly, venom-induced mice tail tissue destruction is also prevented by the subsequent injection of DNase 1. Thus, our study suggests that DNase 1 treatment may have a therapeutic potential for preventing the tissue destruction caused by snake venom.

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**S**nakebites affect millions of people worldwide and cause injury, disability and death. Annual epidemiology data have recorded ~5.5 million bites, including 0.4 million amputations and 0.125 million deaths<sup>1–3</sup>. However, the public health importance of snakebites has been neglected<sup>3</sup>. Thus, in 2009, the World Health Organization categorized snakebite as a ‘Neglected tropical disease’<sup>3</sup>. Snakebite causes both fatal systemic and local toxicities. The local toxicity is characterized by the continued tissue destruction, which predominantly results from viper bites. Although antivenom therapy has saved many lives, it has failed to inhibit viper bite-induced tissue destruction<sup>4</sup>. In addition, studies have demonstrated that Metzincin family matrix-degrading snake venom metalloproteases (SVMPs)<sup>5</sup> and hyaluronidases (SVHYs) induce local tissue destruction<sup>6–8</sup>; unfortunately, their neutralization by natural and synthetic compounds has failed to reach the clinic<sup>9–11</sup>. This is not due to lack of neutralizing potency of the antivenoms or ineptness of the inhibitors, but rather to the rapid development of local pathology with an unknown cause, which prevents the therapeutic antibodies/inhibitors from accessing the damaged site<sup>1</sup>.

*Echis* species (saw-scaled/carpet vipers) envenomation is well known for producing tissue destruction at the bite site and accounts for the largest number of cases of mortality and morbidity resulting from snakebite in northern Africa and Asia<sup>10,12</sup>. *Echis* species venom is rich in SVMPs, which are multidomain haemorrhagic proteases that contain additional cysteine-rich and C-type lectin-like domains<sup>13,14</sup>. These additional domains are largely responsible for the recruitment of inflammatory cells that trigger inflammation<sup>14</sup>. Neutrophils are the first-line defence cells in innate immunity, and they infiltrate and accumulate at the bite site<sup>15</sup>; however, their role in tissue destruction remains unknown<sup>16</sup>. These cells quickly respond to foreign agents through phagocytosis and respiratory burst, but when required, they readily die by discharging their decondensed chromatin covered with cytotoxic and antimicrobial agents, known as neutrophil extracellular traps or NETs, in a process dubbed NETosis<sup>17,18</sup>. The defensive role of NETs/extracellular DNA in immobilizing and killing pathogens has been well documented<sup>17</sup> and is termed as an ancient defence weapon<sup>19</sup>. Paradoxically, NETs also elicit collateral damage because of their associated cytotoxic components<sup>20–22</sup>. Thus, NETs work like a double-edged sword<sup>23</sup>. This led us to focus on and explore the role played by neutrophils in the tissue destruction induced by *E. carinatus* venom. As neutrophils accumulate at the site of venom injection, we hypothesized that the venom triggers NETosis. NETs may play a critical role in the entrapment and accumulation of venom toxins at the bite/injection site, which could be a trigger that accelerates tissue destruction.

Here we demonstrate that *E. carinatus* venom causes formation of NETs, resulting in the accumulation of venom toxins at the injection site and leading to continued tissue degradation. We also show that NETs could be degraded by externally added DNase 1, which could be a possible treatment for this type of snakebite.

## Results

### *E. carinatus* venom stimulates neutrophils to promote NETosis.

We tested whether *E. carinatus* venom could induce NETosis in human neutrophils. The venom induced NET formation in both dose- and time-dependent manner, and the NETs were quantified using myeloperoxidase-DNA (MPO-DNA) capture ELISA (Fig. 1a, left and right) and Hoechst staining (Fig. 1b, left and right) assays. The venom-treated neutrophils showed a dose-dependent increase in the expression of the peptidylarginine deiminase 4 (PAD4) enzyme (Fig. 1c, left), and this paralleled

with the formation of citrullinated histone H3 (H3Cit; Fig. 1c, right) in western blot studies. Furthermore, the immunocytochemistry study revealed that H3Cit and the extracellular DNA co-localize (Fig. 1d). The quantification of the H3Cit-positive neutrophils and their extruded DNA indicated that they were significantly increased compared with unstimulated neutrophils (Supplementary Fig. 1a,b). Phorbol 12-myristate 13-acetate (PMA)-treated neutrophils served as positive control. Scanning electron microscope analysis confirmed the NETosis, where thick bundles of chromatin fibres, NETs, emerging from and connecting different neutrophils were conspicuously visible compared with the intact, unstimulated neutrophils (Fig. 1e). We next examined the *E. carinatus* venom-induced dose-dependent reactive oxygen species (ROS) production in neutrophils (Supplementary Fig. 2). The venom-induced ROS production was decreased when neutrophils were pre-incubated with diphenyleneiodonium chloride (DPI) or dinitrophenol (DNP) or together (Fig. 2a). However, DNP decreased the ROS production more significantly than DPI, whereas in combination the effect was found to be additive (Fig. 2a). Similarly, the trend was paralleled with the quantity of NETs formation (Fig. 2b).

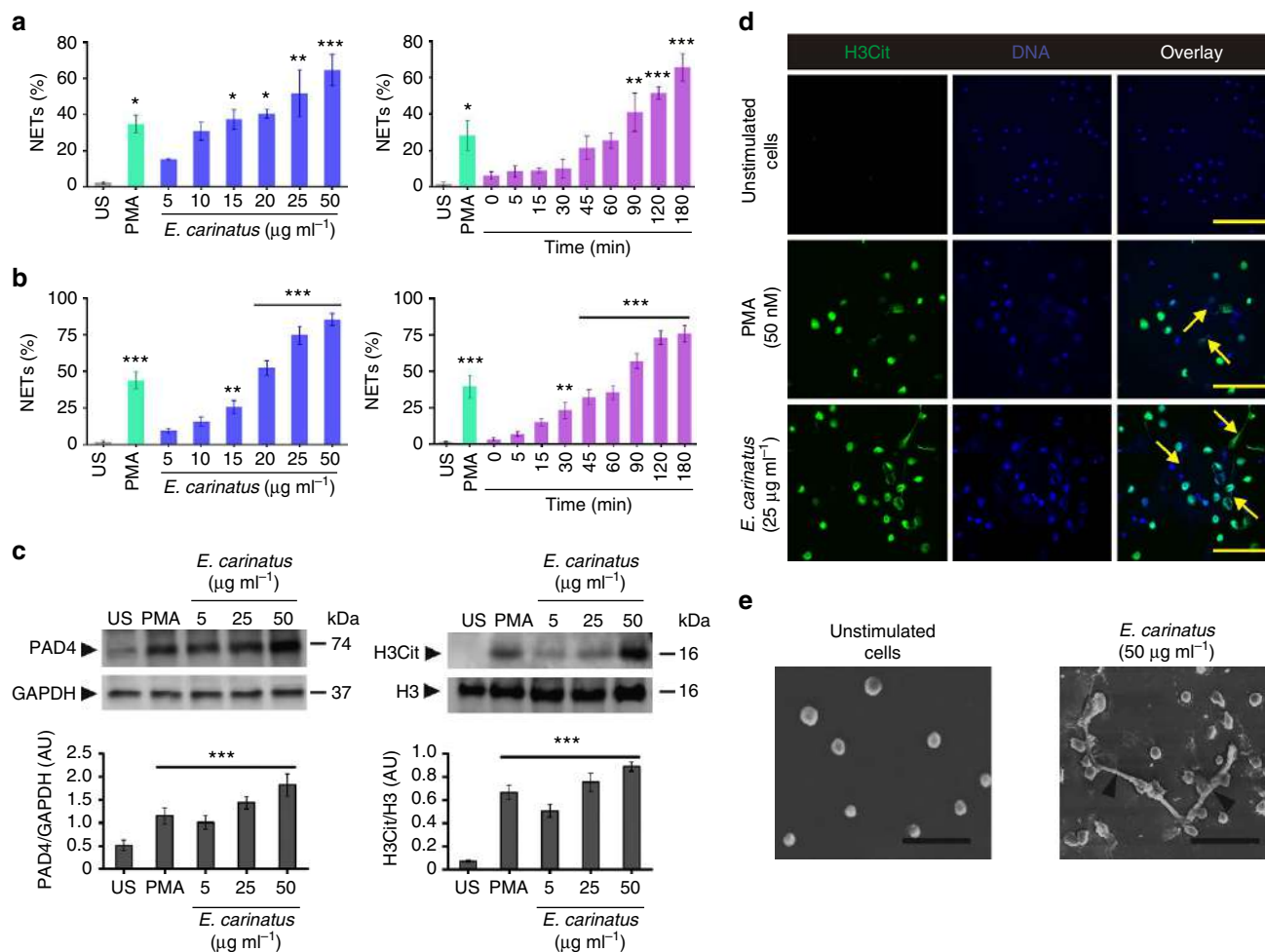
In the *in vivo* experiment, mice that were given injections of *E. carinatus* venom (lethal dose<sub>50</sub> (LD<sub>50</sub>) is the amount of venom that causes 50% mortality) into the tail were observed for 15 days. The appearance of haemorrhage and tissue destruction at the site of injection was noticed ~1 h after venom injection. The tail exhibited severe haemorrhage and tissue destruction 8 h after venom injection compared with the control, which received phosphate-buffered saline (PBS; Supplementary Fig. 3a). The venom-injected tails were monitored and visually scored for injury for 15 days. The injured tails detached between days 10 and 15 (Supplementary Fig. 3b). Western blotting of the venom-injected tail tissue homogenates revealed increased levels of H3Cit and MPO that reached a maximum at 8 h and persisted even after the tail became necrotic (day 3 and onwards) and detached (day 10 and onwards; Fig. 3a). Tail tissue sections taken 8 h after venom injection showed the destruction and loss of integrity of the dermis and hypodermis, along with extruded DNA in the haematoxylin and eosin (H&E) staining compared with the PBS-injected control tail tissue sections (Supplementary Fig. 3c). Furthermore, immunofluorescence images of the tail tissue sections were positive for Ly6G, H3Cit and extracellular DNA, indicating that NETosis occurred in the venom-injected tail tissue (Fig. 3b and Supplementary Fig. 3d). A confocal microscopy study confirmed the existence of NETs in the venom-injected tail tissues, as evidenced by the co-localization of lactoferrin, H3Cit and extracellular DNA (Fig. 3c and Supplementary Fig. 4). However, H3Cit antibody also showed some nonspecific binding in mice tail tissues (Supplementary Fig. 4).

### NETs block blood vessels and capture *E. carinatus* venom.

H&E-stained tail tissue sections obtained 8 h after venom injection showed that the veins and capillaries (Fig. 4a) were blocked owing to the accumulation of NETs. Immunohistochemistry of the tail tissue sections further confirmed the accumulation and blockage of artery (Fig. 4b) and vein (Fig. 4c) by the NETs, as evidenced by the co-localization of Ly6G, H3Cit and extracellular DNA. Furthermore, *E. carinatus* venom accumulated in these tissue sections, even at 8 h after the venom injection, as demonstrated using a rabbit polyclonal antivenom raised against *E. carinatus* venom (Fig. 4d).

Immunocytochemistry revealed that the NETs captured the venom, as evidenced by the co-localization of the venom toxins and NETs (Fig. 5a). The DNA-venom capture ELISA technique was employed to demonstrate the interaction between the NETs and the *E. carinatus* venom. The formation of the NET-venom



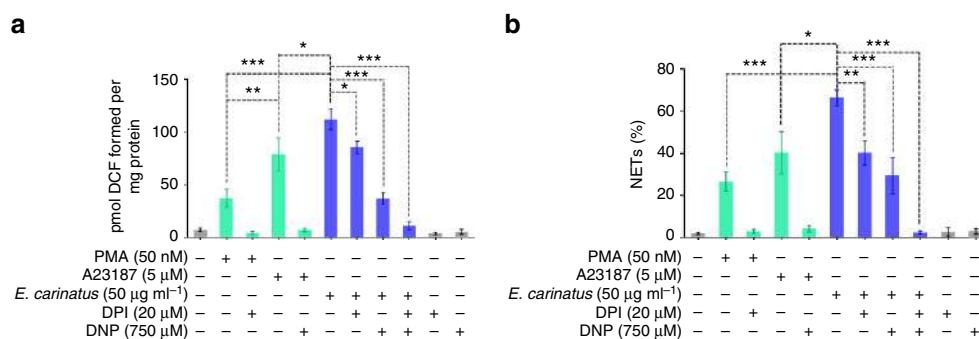


**Figure 1 | *E. carinatus* venom stimulates ex vivo NETosis.** *E. carinatus* venom-stimulated NET formation was quantified using (a) MPO-DNA capture ELISA and (b) Hoechst staining in dose- (left) and time-dependent (right) assays. The results are expressed as the percent increase relative to unstimulated cells (US); mean  $\pm$  s.e.m. ( $n = 6$ ). \* $P < 0.05$ , \*\* $P < 0.01$ , \*\*\* $P < 0.001$  versus US; one-way analysis of variance (ANOVA), followed by Dunnett's *post-hoc* test. PMA (50 nM) served as a positive control. (c) Western blot analysis of PAD4 expression (top, left) and the presence of H3Cit (top, right) in *E. carinatus* venom-treated neutrophils. PAD4 expression was normalized to GAPDH expression (bottom, left), and H3Cit levels were normalized to H3 levels (bottom, right). AU, arbitrary units; H3Cit, citrullinated histone 3; H3, histone 3; US, unstimulated cells. The data are presented as mean  $\pm$  s.e.m. ( $n = 4$ ). \*\*\* $P < 0.001$  versus US; one-way ANOVA, followed by Dunnett's *post-hoc* test. PMA (50 nM) served as a positive control. The PVDF membranes were cut based on molecular weight of respective protein using protein molecular weight marker and then probed with respective antibodies. (d) Representative immunofluorescence images of neutrophils/NETs. The neutrophils were exposed to *E. carinatus* venom (25  $\mu\text{g ml}^{-1}$ ) for 2.5 h at 37 °C. Yellow arrows indicate NETs. ( $n = 4$ ) Scale bars, 100  $\mu\text{m}$ . PMA (50 nM) served as a positive control. (e) Scanning electron microscopy images showing unstimulated neutrophils (left) and *E. carinatus* venom-stimulated neutrophils, which displayed NETs with thick bundles of fibres (black arrowheads; right). ( $n = 4$ ) Scale bars, 30  $\mu\text{m}$ .

complex increased with the increasing amounts of venom (Fig. 5b). The interaction between the DNA and the venom was further analysed using native polyacrylamide gel electrophoresis (PAGE), where the addition of venom to DNA retarded DNA mobility in a dose-dependent manner (Fig. 5c). The DNA-venom complex was dissociated using a DNA isolation protocol and analysed by native PAGE (Fig. 5c). Then, the DNA-venom complex was studied for its lethal potency using independent groups of mice that received the DNA-venom complex prepared using an LD<sub>50</sub> or LD dose of the venom (venom/DNA: 1:1, w/w; Fig. 5d). Neither group exhibited mortality, while the groups that received LD<sub>50</sub> and LD of venom alone exhibited 50% and 100% mortality, respectively. In contrast, *E. carinatus* venom failed to induce tail tissue damage in neutropenic mice (Fig. 6a). The tail injury score was decreased by approximately eightfold in neutropenic mice compared with the venom-injected control mice (Fig. 6b). Western blot analysis of tail tissue homogenates

from the venom-injected neutropenic mice showed no sign of H3Cit signals (Fig. 6c). H&E staining of tail tissue sections from the venom-injected neutropenic mice showed an absence of neutrophils and, hence, extracellular DNA compared with the venom-injected normal mice (Fig. 6d). Immunohistochemistry further confirmed the lack of neutrophils and NETs, as the sections were negative for Ly6G and H3Cit (Fig. 6e). Whereas the group of neutropenic mice that received the LD<sub>50</sub> dose of venom exhibited 100% mortality (Supplementary Fig. 5). As DNA is the backbone of NETs, the *E. carinatus* venom-induced stable NETosis was our impetus to test the DNase activity of the venom. We found that the venom failed to degrade herring sperm DNA, even after exhaustive incubation for 24 h (Supplementary Fig. 6).

**DNase 1 prevents *E. carinatus* venom-induced NETosis.** In *in vivo* studies, co-injection of DNase 1 prevented the *E. carinatus*



**Figure 2 | *E. carinatus* venom-mediated NETosis is both NOX-dependent and NOX-independent.** (a) Represents the level of ROS in neutrophils incubated with PMA, A23187 or *E. carinatus* venom in the presence or absence of DPI (20 μM) or DNP (750 μM) or both DPI (20 μM), DNP (750 μM). The data are presented as mean ± s.e.m. (n = 4). \**P* < 0.05, \*\**P* < 0.01, \*\*\**P* < 0.001; one-way analysis of variance followed by Bonferroni *post-hoc* test. (b) Represents NET release measured using MPO-DNA capture ELISA in neutrophils incubated with PMA, A23187 or *E. carinatus* venom in the presence or absence of DPI (20 μM) or DNP (750 μM) or both DPI (20 μM) DNP (750 μM). The data are presented as mean ± s.e.m. (n = 4). \**P* < 0.05, \*\**P* < 0.01, \*\*\**P* < 0.001; one-way ANOVA, followed by Bonferroni *post-hoc* test.

venom-induced tail tissue damage in a dose-dependent manner (Supplementary Fig. 7a). However, the tissue-damaging property of the venom was not altered by co-injection with actin pre-treated DNase 1 (Supplementary Fig. 7a). The western blot study revealed that H3Cit (Fig. 7a) and venom (Fig. 7b) were not present in tail tissue homogenates from mice injected with both venom and DNase 1, whereas the homogenates from mice injected with venom alone contained both H3Cit (Fig. 7a) and venom (Fig. 7b). Venom accumulation was further demonstrated using immunofluorescence of the tail tissue sections (Fig. 7c). Although the mice injected with both venom and DNase 1 did not show any signs of local tissue damage, interestingly, the mice died much faster than if they were injected with venom alone (Fig. 7d and Supplementary Fig. 7b).

In the challenge study, the tail injury score (Fig. 8a) and photographs of representative mice (Fig. 8b) revealed that when DNase 1 was injected at different time intervals after the venom (LD<sub>50</sub>) injection (30–180 min), the mice tails showed initial signs of haemorrhage on days 1 and 2, and recovered on days 5–7, exhibiting normal tail morphology without an increase in lethality. Conversely, in the absence of the DNase 1 treatment, intense haemorrhage and wound formation led to the detachment of the affected tail portion between days 10 and 15 (Fig. 8a,b). Moreover, when serum was incubated with *E. carinatus* venom, the serum DNase activity was not inhibited, as evidenced by the nearly equal zone of clearance in serum alone and in serum incubated with the increasing doses of *E. carinatus* venom (Supplementary Fig. 8).

To determine whether venom from another snake species, *N. naja*, induces NETosis, we used MPO-DNA capture ELISA assay. We did observe NETosis at lower doses of the venom, but it was not observed at higher doses or with prolonged incubation periods (Fig. 9a). Western blot study using a rabbit polyclonal antivenom for *N. naja* venom showed that the venom did not accumulate at the injection site (Fig. 9b). This was further confirmed by the immunohistochemistry study, in which tail tissue sections from venom-injected mice did not show an accumulation of venom at the injection site. However, in mice injected with actin pre-treated *N. naja* venom, the tail tissue sections exhibited an accumulation of the venom (Fig. 9b,c). Furthermore, the actin pre-treated *N. naja* venom failed to induce lethal toxicity, as all of the experimental mice survived (Fig. 9d). Finally, when tested for DNase activity, the *N. naja* venom dose-dependently hydrolysed calf thymus DNA, whereas actin pre-treated venom failed to hydrolyse DNA (Supplementary Fig. 9).

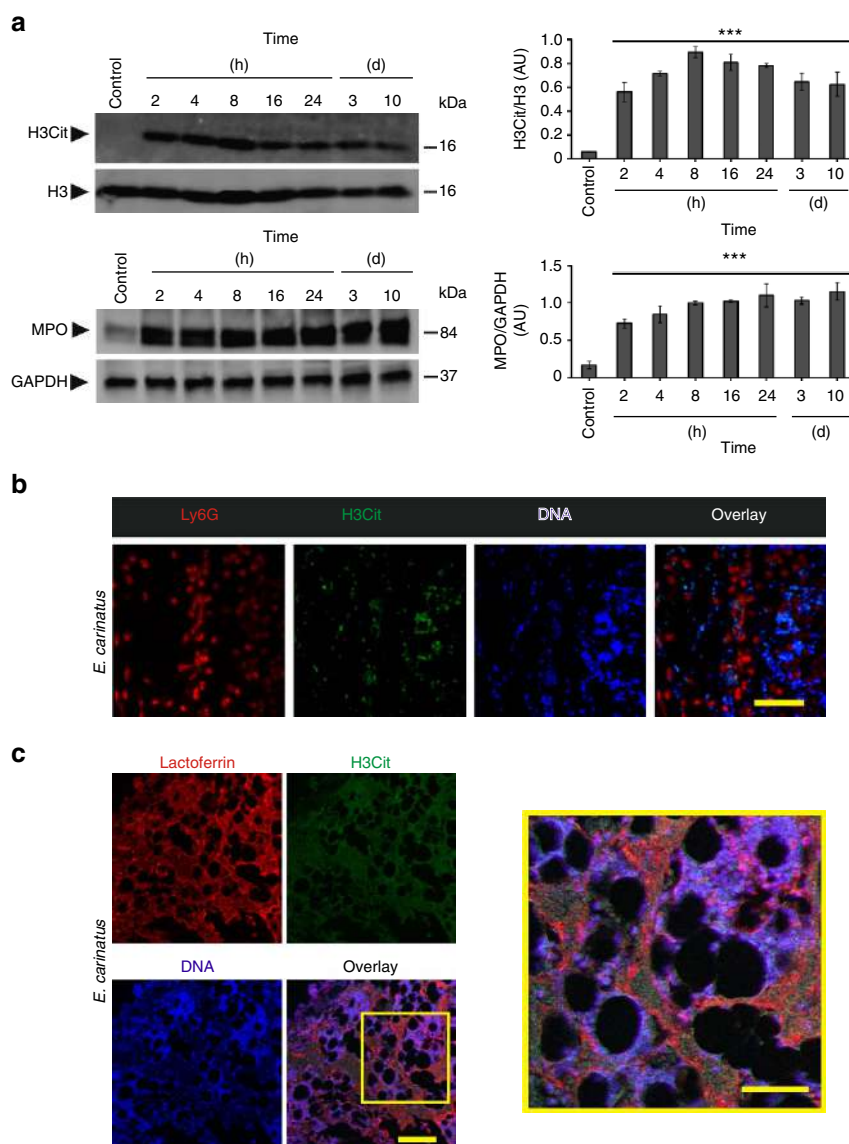
## Discussion

*E. carinatus* induces intense tissue destruction at the bite site, with symptoms such as oedema, haemorrhage and tissue destruction<sup>10,24</sup>. Although neutrophil infiltration has been demonstrated at the site of a viper bite/venom injection<sup>15</sup>, it has not been thoroughly investigated<sup>8</sup>. This study deciphers the cellular mechanism of tissue destruction by the *E. carinatus* venom and suggested a possible therapeutic approach for snakebite management. We show that the venom-stimulated neutrophils undergo NETosis and that the resulting NETs block the blood vessels to prevent the venom from entering the circulation, resulting in venom accumulation and tissue destruction at the injection site. This effect was reversed by the administration of DNase 1.

Neutrophils are the first-line defence cells and effectively capture pathogens by NETosis<sup>17</sup>. NETosis occurs via both the NOX-dependent and NOX-independent pathways<sup>25</sup>. Our study suggests that *E. carinatus* venom stimulated the neutrophils to undergo NETosis both *in vitro* and *in vivo*. *E. carinatus* venom-stimulated ROS production and NETosis were significantly decreased in the presence of DPI (NOX inhibitor) and DNP (uncoupler of oxidative phosphorylation and electron transport) indicating the induction of both the NOX-dependent and NOX-independent pathways. Induction of both pathways is likely due to the presence of various toxins in *E. carinatus* venom that affects several cellular pathways. Some strains of *Staphylococcus aureus* and lipid mediator heptoxilin A3 induce NETosis through both the NOX-dependent and NOX-independent pathways<sup>26–28</sup>. Several recent studies have demonstrated that *E. carinatus* venom induced oxidative stress in both *ex vivo* and *in vivo* experiments<sup>10,29</sup>. NETosis is marked by increased PAD4 expression, which triggers chromatin de-condensation through deimination of arginine in H3 to form citrulline (H3Cit)<sup>30,31</sup>. Thus, the results of the western blot shows increased expression of PAD4 and the appearance of H3Cit in human neutrophils support the hypothesis that the *E. carinatus* venom induces NETosis. The rapid increase in PAD4 levels in neutrophils could be due to *E. carinatus* venom-stimulated NOX-independent pathway<sup>25,32</sup>. We show that *E. carinatus* venom does not contain bacteria, which rules out the role of bacterial contamination in driving neutrophils into NETosis (Supplementary Fig. 10). The detection of NETosis markers, such as Ly6G, lactoferrin and H3Cit, in venom-injected tail tissue sections confirmed NETosis *in vivo*.

Furthermore, the sections exhibited blood vessel obstruction due to the accumulation of blood clots, including NETs.

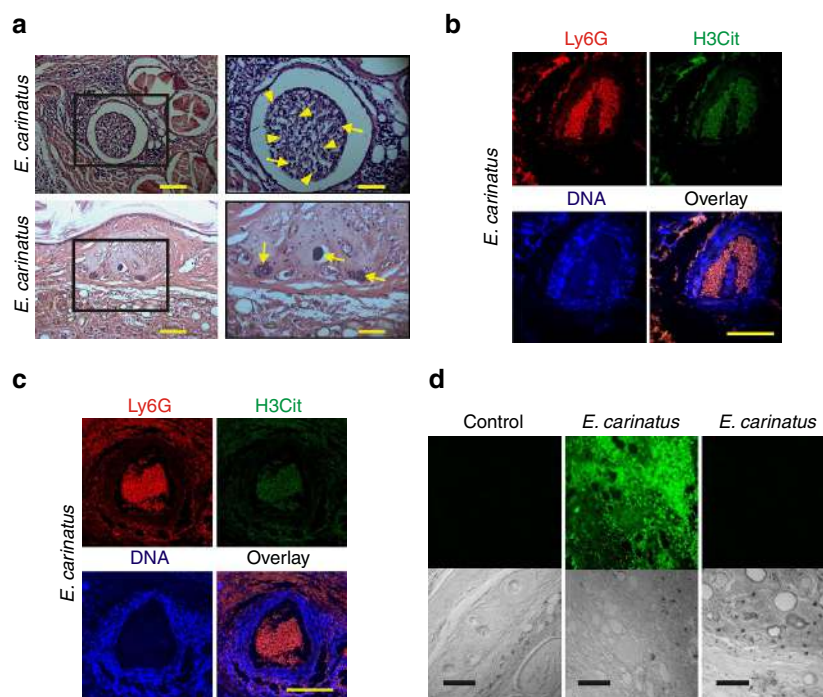




**Figure 3 | *E. carinatus* venom stimulates *in vivo* NETosis.** (a) Representative western blot of the time course of H3Cit and MPO appearance in *E. carinatus* venom (LD<sub>50</sub>)-injected mouse tail tissue (left) and quantification of the H3Cit levels compared with the H3 levels (top, right) and MPO level compared to GAPDH (bottom, right). AU, arbitrary units; H3Cit, citrullinated histone 3; H3, histone 3; MPO, myeloperoxidase. The data are presented as mean  $\pm$  s.e.m; Student's *t*-test, \*\*\**P* < 0.001 versus control; *n* = 4 for the control, 2, 4, 8 and 16 h samples; *n* = 5 for 24 h, day 3 and day 10 samples. The PVDF membranes were cut based on molecular weight of respective protein using protein molecular weight marker and then probed with respective antibodies. (b) Representative immunofluorescence images of mouse tail tissue 8 h after *E. carinatus* venom (LD<sub>50</sub>) injection, focused beneath the epithelial layer. Scale bar, 100  $\mu$ m (*n* = 4). (c) Representative confocal image of *E. carinatus* venom (LD<sub>50</sub>)-injected mouse tail tissues focused beneath the epithelial layer. The area enclosed by the yellow box is magnified and shown on the right. Scale bars, 100  $\mu$ m (left), 50  $\mu$ m (right); *n* = 3.

*E. carinatus* venom is a pro-coagulant<sup>33</sup> and promotes fibrin clot formation<sup>10,34</sup>. Moreover, NETs also promote fibrin clot formation<sup>35,36</sup>. NET-associated clots are more resistant to mechanical forces and enzymatic digestion<sup>35,37</sup>; thus, the blood vessels remained blocked, even after 8 h of venom injection, despite the fibri(noge)nolytic activity of *E. carinatus* venom<sup>10,24</sup>. However, further detailed investigation is warranted to understand the interactions between NETs and fibrin clots. The blockage of blood vessels prevents the easy entry of the venom into the circulation and causes its accumulation at the injection site. The accumulated venom is a cocktail of several enzymatic and non-enzymatic toxins, predominantly the extracellular matrix (ECM)-degrading haemorrhagic SVMPs and SVHYs. SVMPs degrade structural proteins, including collagens, laminin and fibronectin molecules<sup>5,38,39</sup>, whereas SVHYs degrade the

structural glycosaminoglycan hyaluronic acid<sup>6,8,40</sup>. Thus, the loss of ECM integrity destabilizes the tissues and the basement membrane of blood vessels. In addition, NET-associated histones can damage endothelial cells<sup>20,21,23</sup>. Furthermore, NET-associated neutrophil elastase is a highly stable broad-spectrum protease that can cause further ECM damage<sup>20,22,23,30</sup>. In a recent study, NETosis was shown to cause delayed wound healing in diabetic patients<sup>32</sup>. Therefore, *E. carinatus* venom-induced NETosis not only restricts the venom to the bite site and promotes tissue destruction but also blocks the blood flow to the tissues and cells that are distal to the bite site. Increased NET formation or impaired NET clearance is detrimental, as demonstrated in chronic inflammatory disorders, including vasculitis, psoriasis, preeclampsia, atherosclerosis, systemic lupus erythematosus and gout<sup>23,41–43</sup>.



**Figure 4 | NETs block blood vessels, leading to accumulation of *E. carinatus* venom.** (a) Images of H&E-stained mouse tail tissue 8 h after *E. carinatus* venom (LD<sub>50</sub>) injection show clot formation in the mouse tail vein (top, left) and blocked blood capillaries (bottom, left). The respective enlarged images are shown on the right. Scale bars, 50 μm (left), 100 μm (right). Yellow arrowheads indicate NETs and yellow arrows indicate neutrophils. Immunofluorescence image of the mouse ( $n = 4$ ). (b) tail artery and (c) vein 8 h after *E. carinatus* venom (LD<sub>50</sub>) injection. Scale bars, 100 μm ( $n = 4$ ). (d) Immunofluorescence images show the accumulation of venom in *E. carinatus* venom (LD<sub>50</sub>)-injected mouse tail tissue section (top row, middle), section with a secondary antibody control (top row, right) and section of PBS-injected tail tissue, which served as a control (top, left). The corresponding differential interference contrast (DIC) images of the respective tissues are also shown (bottom row). Scale bars, 100 μm ( $n = 4$ ).

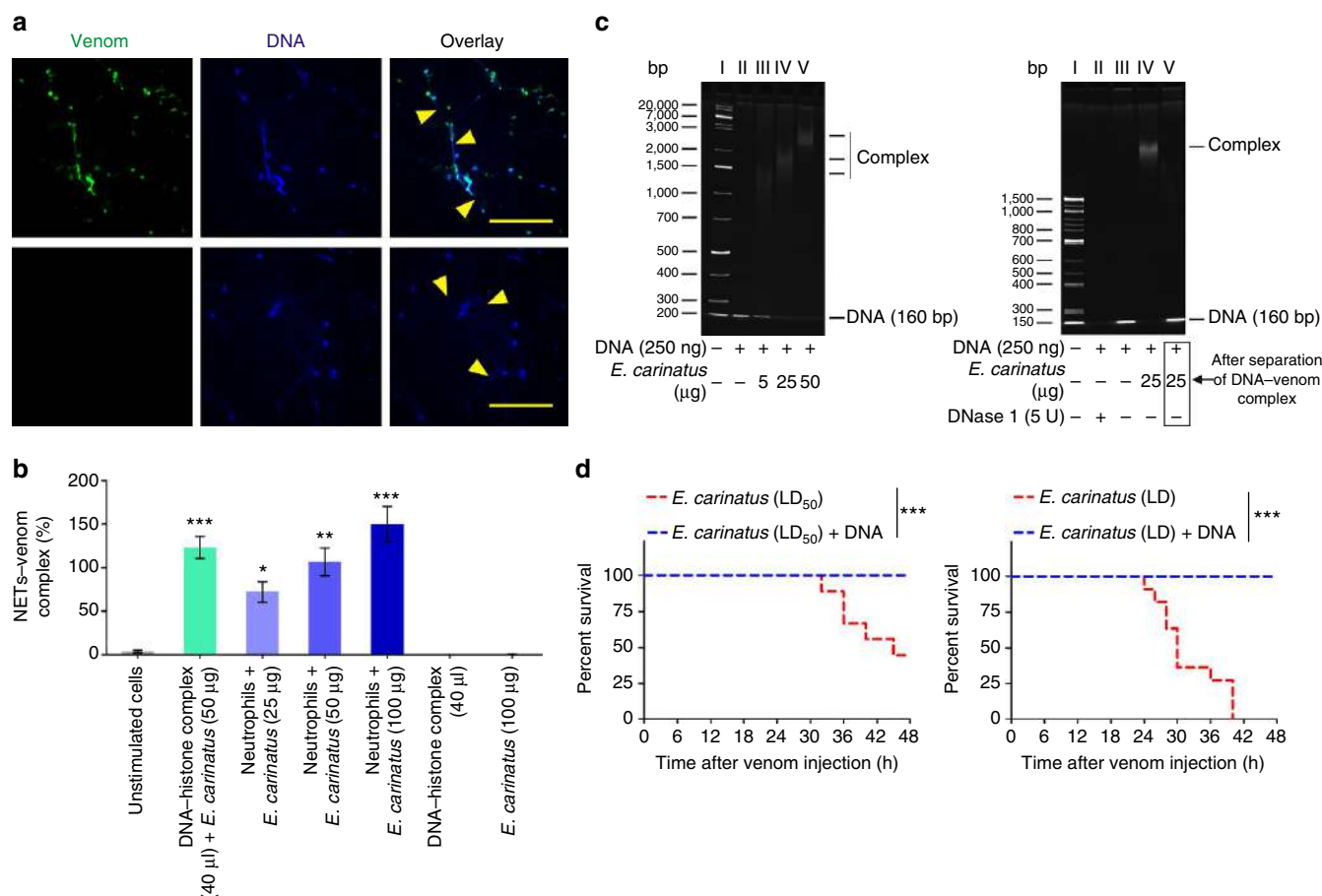
Chromatin is an ancient defence weapon of the innate immune system<sup>19</sup>; it is known to form a complex net that enmeshes and kills bacteria, fungi, viruses and other parasites<sup>17</sup>. We demonstrate that the venom-induced NETs capture venom toxins. The negative charge in the NETs<sup>44</sup> could sequester the positively charged venom toxins such as basic PLA<sub>2</sub>s, 3FTx and SVMPs<sup>45–48</sup>. The successful recovery of DNA from the DNA–venom complex suggests that the interaction between the DNA and venom toxins was non-covalent. Surprisingly, the lethality studies showed that the lethal potency of the venom was reduced when it formed complex with the DNA. This was attributed to the sequestration and inhibition of the positively charged venom toxins by the NETs/DNA. We reasoned that the depletion of the neutrophils and, hence, the NETs would result in decreased venom-induced tissue destruction and increased lethal potency. Indeed, in neutropenic mice, the venom did not induce haemorrhage and tissue destruction at the injection site, but caused 100% mortality even at the LD<sub>50</sub> dose of venom. Of note, and as discussed above, although *E. carinatus* venom-induced NETosis is detrimental, it is an adaptive immune response that restricts the entry of *E. carinatus* venom into the circulation and protect from its lethal systemic toxicity.

The stability of the NETs is due to the lack of DNase activity in the *E. carinatus* venom and the inability of serum DNase to clear the large accumulated NETs at the injection site. We ruled out the possible inhibition of serum DNase by the *E. carinatus* venom. Thus, we tested whether DNase 1 could clear the NETs. As anticipated, co-injection of venom and DNase 1 prevented haemorrhage and local tissue damage, but also increased the lethal potency of the venom by improving penetration of the venom into the circulation. This effect was neutralized by antivenom administration. Surprisingly, in the challenge study,

all the mice survived when DNase 1 was administered 30–180 min after venom injection. This mitigation of the lethal potency of the venom could be due to the formation of the NETs/DNA–venom complex. We postulate that venom initially stimulates NETosis of the accumulated neutrophils. Eventually, the negatively charged NETs/DNA fibres form complexes with the positively charged venom toxins such as basic PLA<sub>2</sub>s, 3FTxs and SVMPs and entrap them. Further, it is likely that the negatively charged NETs/DNA would chelate metal ions<sup>49</sup> such as Zn<sup>2+</sup> and Ca<sup>2+</sup> thereby inhibiting SVMPs and venom PLA<sub>2</sub>s, respectively<sup>46,48,50</sup>. Although the NETs/DNA fibres are degraded by the administered DNase 1, it is possible that the small DNA fragments remained in complex with the venom toxins keep them inactive. However, further studies are required to delineate the precise molecular mechanism(s) at play. NET clearance is essential for the wound-healing process<sup>32</sup>. Our present findings are complemented by recent studies showing that DNase 1 treatment accelerated wound resolution in diabetic and wild-type mice<sup>32</sup> and increased NET clearance by macrophages *in vitro*<sup>51</sup>. In contrast to the *E. carinatus* venom, which is known for its ability to induce haemorrhage and local tissue destruction, the *N. naja* venom lacks these effects<sup>52</sup>. This is most likely due to the fact that the *N. naja* venom contains high levels of DNase activity and this degrades NETs and prevents the venom from accumulating at the injection site, as the inhibition of DNase activity not only resulted in venom accumulation at the injection site but also abolished the venom's lethality. In addition, despite the venom accumulation at the injection site, there was no local tissue destruction. This is likely due to the fact that *N. naja* venom lacks ECM-degrading haemorrhagic SVMPs<sup>52</sup>.

In summary, the results indicate that *E. carinatus* venom induces the formation of stable NETs owing to its lack of DNase





**Figure 5 | NETs capture *E. carinatus* venom toxins.** (a) Representative immunofluorescence image of neutrophils exposed to *E. carinatus* venom ( $50 \mu\text{g ml}^{-1}$ ) for 2.5 h; the venom was detected using rabbit polyclonal antibody against *E. carinatus* venom followed by an AlexaFluor 488-conjugated goat anti-rabbit antibody along with DNA stained by Hoechst stain (top row). The AlexaFluor 488-conjugated goat anti-rabbit secondary antibody control (bottom row). Yellow arrow heads indicate NETs. Scale bars, 100  $\mu\text{m}$  ( $n = 4$ ). (b) The NET-venom complex was quantified using the DNA-venom capture ELISA assay. The results are expressed as a percent increase with respect to the unstimulated cells. The data are presented as mean  $\pm$  s.e.m. ( $n = 4$ ). \* $P < 0.05$ , \*\* $P < 0.01$ , \*\*\* $P < 0.001$  versus the unstimulated cells; one-way analysis of variance, followed by Dunnett's *post-hoc* test. (c) Native PAGE (7.5%) showing the interaction between DNA and *E. carinatus* venom (left), as demonstrated by the dose-dependent retardation of the bands. Marker (lane I), 250 ng DNA (lane II), 250 ng DNA + 5  $\mu\text{g}$  *E. carinatus* venom (lane III), 250 ng DNA + 25  $\mu\text{g}$  *E. carinatus* venom (lane IV) and 250 ng DNA + 50  $\mu\text{g}$  *E. carinatus* venom (lane V). Recovery of DNA from the DNA-venom complex (right). Marker (lane I), 250 ng DNA + 5 U DNase I (lane II), 250 ng DNA (lane III), 250 ng DNA + 25  $\mu\text{g}$  *E. carinatus* venom (lane IV) and recovered DNA from DNA + *E. carinatus* venom complex (lane V);  $n = 3$ . (d) Kaplan-Meier survival curves show that the lethal potency of the *E. carinatus* venom is inhibited when it is incubated with DNA: *E. carinatus* venom, LD<sub>50</sub> (red line, left) and LD (red line, right), and *E. carinatus* venom incubated with DNA for 10 min at 37  $^{\circ}\text{C}$  (blue line, both left and right);  $n = 10$ . \*\*\* $P < 0.001$ . Log-rank test.

activity. These NETs trap the venom toxins and thereby promote tissue destruction at the injection/bite site. The dense NETs and the blood clots formed in the damaged tissues and capillaries hinder the free flow of blood and prevent the antivenom from reaching the damaged site. This study presents (i) the role of NETosis in *E. carinatus* venom-induced tissue destruction, (ii) a convenient mouse tail model to study viper venom-induced tissue destruction, (iii) the role of DNase activity in venom toxicity and (iv) provides a lead for designing new strategies for the possible use of DNase 1 in the management of *E. carinatus* venom-induced tissue destruction. This study could also drive future studies to understand and uncover the molecular mechanisms associated with other venomous bites that cause similar pathological conditions. However, further detailed and systematic investigations in human subjects are needed to validate these findings before they are implemented in the clinic.

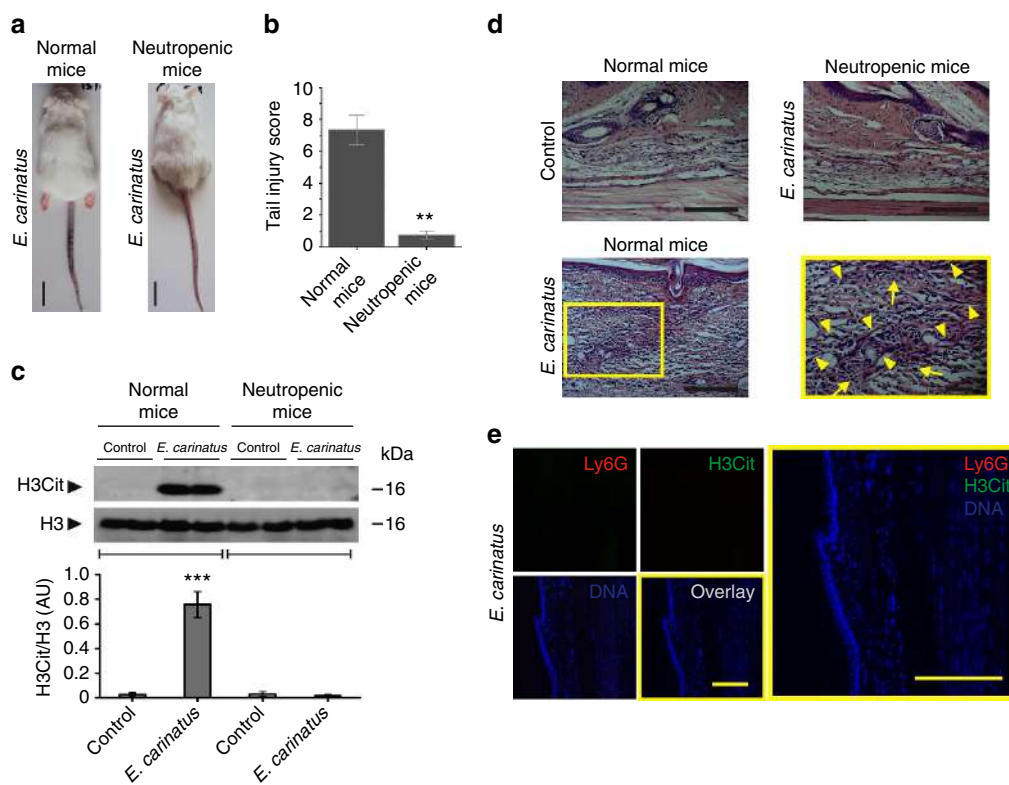
## Methods

**Animals.** Adult Swiss albino mice (8- to 10-week-old male or female) weighing 20–25 g were obtained from the Central Animal House Facility, Department of

Zoology, University of Mysore, Mysuru, India. New Zealand albino female rabbits (6-month-old) weighing 1.5–2 kg were obtained from the Department of Livestock Production and Management, Veterinary College, Bengaluru, India. The animal experiments were approved by the Institutional Animal Ethical Committee, University of Mysore, Mysuru (Approval numbers: UOM/IAEC/20/2012 and UOM/IAEC/09/2013). During all experiments, animal care and handling were in accordance with the guidelines of the Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA).

**Humans.** Human blood was drawn from the antecubital veins of healthy adult volunteers who provided written informed consent, as per the guidelines of the Institutional Human Ethical Committee, University of Mysore, Mysuru. All the experiments were approved by the Institutional Human Ethical Committee, University of Mysore, Mysuru (Approval number: IHEC-UOM No. 47Res/2014–15) and conducted in accordance with the ethical guidelines.

**Reagents.** The *E. carinatus* and *N. naja* venoms were purchased from Irula Co-operative Society Ltd., Chennai, India. The calf thymus DNA, DMEM, Histopaque-1077, Ponceau stain, actin from bovine muscle, protease inhibitor cocktail, protein A agarose, dextran (molecular weight  $\sim 100 \text{ kDa}$ ), PMA, bovine serum albumin, human serum albumin (HSA), calcium ionophore (A23187), 2',7'-dichlorofluorescein diacetate (DCFDA), DPI, DNP, Cell Death Detection ELISA<sup>PLUS</sup> (Version 14, Roche Diagnostics), and Freund's complete and



**Figure 6 | *E. carinatus* venom does not induce local tissue damage or NETosis in neutropenic mice.** (a) Representative photographs of mice 8 h after *E. carinatus* venom ( $LD_{50}$ ) injection in the tail show intense venom-induced wound in the tail of a normal mouse (left), but no haemorrhage in a neutropenic mouse (right). Scale bars, 2 cm. ( $n = 10$ ). (b) The corresponding tail injury score 8 h after the *E. carinatus* venom ( $LD_{50}$ ) injection is shown in a bar graph. The data are presented as mean  $\pm$  s.e.m.  $n = 6$  venom-injected normal mice;  $n = 10$  venom-injected neutropenic mice.  $^{**}P < 0.01$ ; Student's *t*-test. (c) Western blot analysis of the appearance of H3Cit (top) in tail tissue homogenates taken from normal and neutropenic mice 8 h after *E. carinatus* venom ( $LD_{50}$ ) injection. The quantification of H3Cit levels compared with H3 levels is shown (bottom). AU, arbitrary units; H3Cit, citrullinated histone 3; H3, histone 3. The data are presented as mean  $\pm$  s.e.m. ( $n = 4$ ).  $^{***}P < 0.001$  versus the normal control mice; one-way analysis of variance, followed by Dunnett's *post-hoc* test. The PVDF membranes were cut based on molecular weight of respective protein using protein molecular weight marker and then probed with respective antibodies. (d) H&E-stained tail tissue sections from neutropenic (top right) and normal mice (bottom left) injected with *E. carinatus* venom ( $LD_{50}$ ); the yellow portion is enlarged and shown on the right. Tissue from PBS-injected normal mice is also shown (top, left). Scale bars, 100  $\mu$ m. ( $n = 4$ ). (e) Representative immunofluorescence images of neutropenic mouse tail tissue 8 h after *E. carinatus* venom ( $LD_{50}$ ) injection, focused beneath the epithelial layer. Scale bars, 100  $\mu$ m ( $n = 4$ ).

incomplete adjuvants were procured from Sigma Chemicals. DNase 1 was purchased from Boehringer Ingelheim. The anti-histone H3 antibody (Cat. no. SC-10809) was obtained from Santa Cruz Biotechnology, Inc. Hoechst 33342 (Cat. no. H3570) was obtained from Life Technologies. AlexaFluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H + L) (Cat. no. 111-545-003), AlexaFluor 647-conjugated AffiniPure Goat Anti-mouse IgG (H + L) (Cat. no. 115-605-003) were purchased from Jackson Immuno Research Laboratories, Inc. The AlexaFluor 647-conjugated anti-mouse Ly 6G antibody (clone 1A8; Cat. no. 127609) was obtained from BioLegend. The rabbit polyclonal anti-histone H3 (citrulline R2 + R8 + R17; H3Cit; Cat. no. ab5103), mouse monoclonal anti-myeloperoxidase (anti-MPO; 2C7; Cat. no. ab25989), anti-lactoferrin antibody (2B8; Cat. no. ab101110) and anti-PAD4 (4H5; Cat. no. ab128086) antibodies were obtained from Abcam. The DreamTaq Green DNA Polymerase kit (Cat. no. EP0711) was obtained from Thermo Scientific. Endoxan-*N*-(cyclophosphamide injection) was obtained from Baxter Oncology Products. The mouse anti-GAPDH mAb (6C5; Cat. no. CB1001) was purchased from Calbiochem. The microwell plates were obtained from Thermo Fisher Scientific.

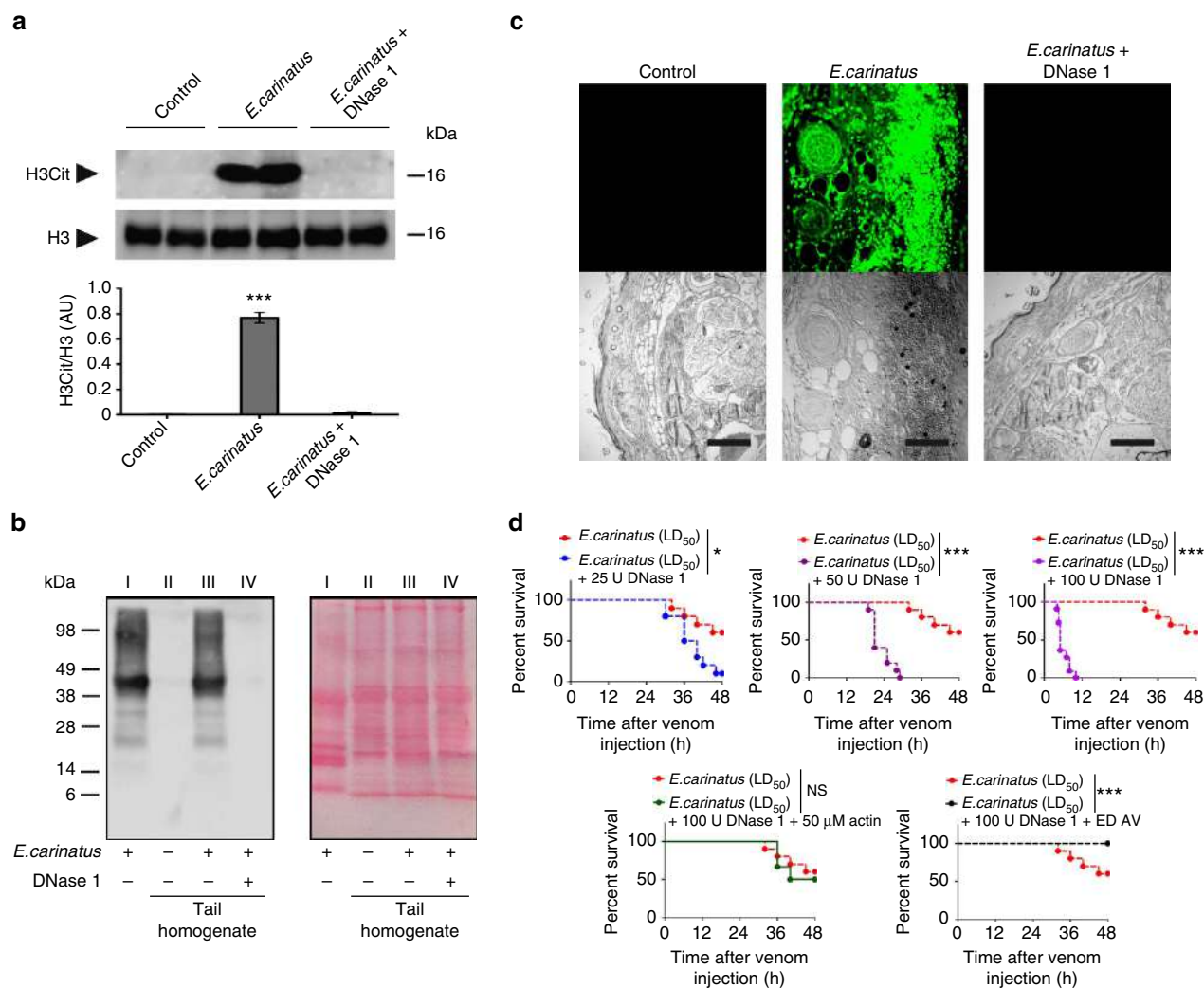
**Human neutrophil isolation.** The human neutrophils were isolated from the blood of healthy volunteers<sup>44</sup>. The blood was collected and mixed with acid citrate dextrose (citric acid/sodium citrate/dextrose, 3:6:4; w/w/w) in 5:1 volumetric ratio (blood/anticoagulant), followed by dextran sedimentation and hypotonic lysis to remove red blood cells. Then, the cell pellet was suspended in 2 ml of PBS and subjected to density gradient centrifugation using Histopaque-1077 for 30 min, 210g at 4 °C, after which the neutrophils settled at the bottom as a cell pellet. This pellet was washed twice with PBS for 6 min, centrifuged at 210g, and re-suspended in HBSS buffer without cations containing 2% HSA or DMEM. The cells were counted using a Neubauer chamber and the required cell density was adjusted

using HBSS/DMEM. Wright and Giemsa staining was used to determine the purity of the cells, which was  $>95\%$ .

**Quantification of NETosis by Hoechst stain and MPO-DNA ELISA.** NETosis was quantified by Hoechst stain<sup>32</sup>. The neutrophils ( $2 \times 10^5$  cells per ml) were seeded on 13 mm round coverslips placed in 24-well culture plates in 500  $\mu$ l of DMEM with 2% HSA and allowed to adhere to the coverslips for 30 min at 37 °C and 5%  $CO_2$ . Then, the cells were independently stimulated with *E. carinatus* venom ( $5\text{--}50 \mu\text{g ml}^{-1}$ ) for 180 min to assess the dose-dependent response. To assess the time-dependent response, the *E. carinatus* venom ( $25 \mu\text{g ml}^{-1}$ ) was incubated for different time intervals from 0 to 180 min. PMA ( $50 \text{ nM}$ ) served as a positive control. The cells were then fixed with 4% paraformaldehyde, followed by Hoechst 33342 staining (1:10,000). For NET quantification, images were acquired on a BA410 fluorescence microscope (Motic) attached to a DS-Qi2 monochrome CMOS sensor camera (Nikon) using a CCIS EC-H Plan achromatic  $\times 40/0.65$  objective lens and NIS-Elements D software (Version 4.3.00). The NET percentage was determined in 12 non-overlapping fields per coverslip. The images were analysed using ImageJ software. The average NET percentage was calculated from triplicate experiments. The experimenter was blinded to the treatment conditions during the analysis.

To quantify the NETs in the cell supernatant, we used a capture ELISA (Cell Death ELISA<sup>PLUS</sup>, Roche) method based on capture of the MPO-associated DNA<sup>53</sup>. NETosis was induced using either *E. carinatus* or *N. naja* venom ( $5\text{--}50 \mu\text{g ml}^{-1}$ ), as described above. PMA ( $50 \text{ nM}$ ) served as a positive control. Then, the reaction mixture was centrifuged at 20g for 5 min at room temperature and the supernatant was separated. The anti-MPO mAb (1:200, 50  $\mu$ l) was coated onto 96-well plates overnight at 4 °C. After three washes (300  $\mu$ l each), 20  $\mu$ l of the reaction supernatant and 80  $\mu$ l of incubation buffer containing peroxidase-labelled





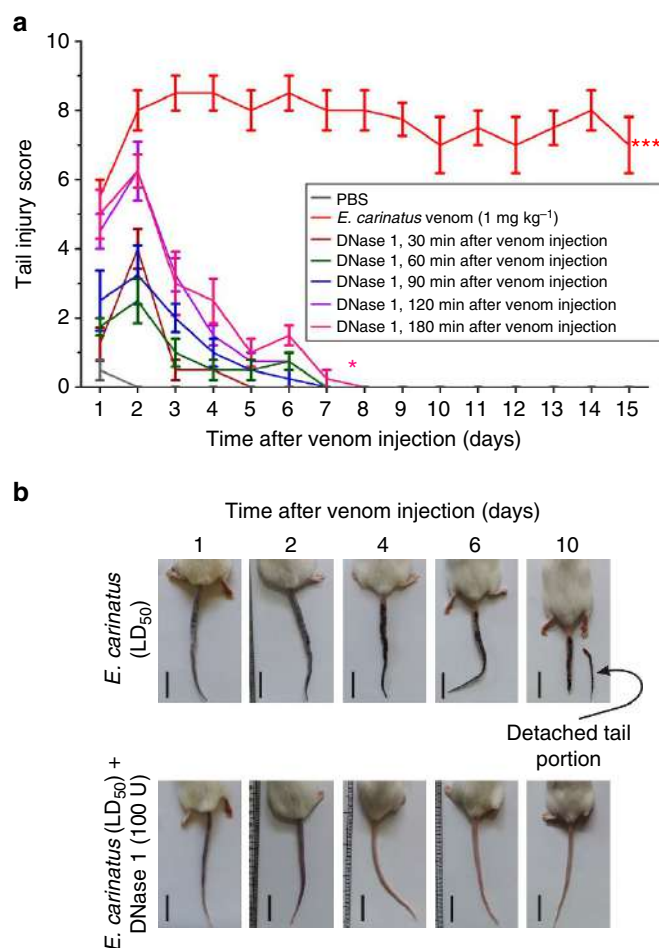
**Figure 7 | Co-injection with DNase 1 prevents *E. carinatus* venom-induced tissue destruction.** (a) Western blot analysis of the appearance of H3Cit (top) in tail tissue homogenates taken 8 h after *E. carinatus* venom (LD<sub>50</sub>) injection in the presence or absence of DNase 1. Quantification of H3Cit levels compared with H3 levels is shown (bottom). AU, arbitrary units; H3Cit, citrullinated histone 3; H3, histone 3. The data are presented as mean  $\pm$  s.e.m. ( $n = 4$ ). \*\*\* $P < 0.001$  versus control mice; one-way analysis of variance, followed by Dunnett's *post-hoc* test. The PVDF membranes were cut based on molecular weight of respective protein using protein molecular weight marker and then probed with respective antibodies. (b) Western blot analysis (left) of the appearance of *E. carinatus* venom in tail tissue homogenates taken 8 h after venom (LD<sub>50</sub>) injection in the presence or absence of DNase 1. *E. carinatus* venom (20  $\mu$ g) served as a positive control. The image of the corresponding Ponceau-stained PVDF membrane (right) shows *E. carinatus* venom, 20  $\mu$ g (lane I), and equal protein loading of the tail tissue homogenates (lane II–IV);  $n = 3$ . (c) Immunofluorescence images showing the accumulation of venom toxins from *E. carinatus* venom (LD<sub>50</sub>)-injected mouse tail tissues sections in the absence (top row, middle) or presence of DNase 1 (100 U; top row, right). PBS-injected tail tissue served as a control (top row, left). The corresponding DIC images of the respective tissues are also shown (bottom row). Scale bars, 100  $\mu$ m ( $n = 3$ ). (d) All the experiments in this group were performed simultaneously but the data are divided into five graphs (top three and bottom two) for clarity. Kaplan-Meier survival curves: *E. carinatus* venom, LD<sub>50</sub> (red line) in all the graphs; co-injection of *E. carinatus* venom (LD<sub>50</sub>) with 25 U DNase 1 (blue line), 50 U DNase 1 (green line), 100 U DNase 1 (violet line), 100 U DNase 1 pre-incubated with 50  $\mu$ M actin (grey line) and 100 U DNase 1 followed by ED AV (black line). ED AV, effective dose of antivenom. ( $n = 10$ ). \* $P < 0.05$ , \*\*\* $P < 0.001$  and NS, non-significant between groups using the Log-rank test. See Supplementary Fig. 5 for the effect of DNase 1 on the lethal potency of *E. carinatus* venom (LD).

anti-DNA mAb (1:25) were added to the wells and incubated by shaking at 300 r.p.m. for 2 h at room temperature. Then, the wells were washed three times (with PBS, 300  $\mu$ l each) and 100  $\mu$ l of ABTS was added. After 20 min of incubation at room temperature in the dark, the absorbance was measured at 405 nm. To calculate NET percentage, fluorescence obtained from cells lysed with 0.5% Triton X-100 was considered as 100% NET formation. To demonstrate venom-induced NOX-dependent and/or NOX-independent NETosis, neutrophils were independently pre-incubated with DPI (20  $\mu$ M) and/or DNP (750  $\mu$ M) for 60 min at 37  $^{\circ}$ C and then incubated with *E. carinatus* venom (50  $\mu$ g) for 180 min at 37  $^{\circ}$ C. PMA (50 nM) and A23187 (5  $\mu$ M) were used as a positive control for inhibition of the NOX-dependent and NOX-independent pathways, respectively.

**Detection of ROS.** *E. carinatus* venom-stimulated ROS in neutrophils was quantified using DCFDA<sup>29</sup>. The neutrophils ( $2 \times 10^5$  cells per ml) were incubated

with increasing doses of *E. carinatus* venom ( $5$ – $50 \mu\text{g ml}^{-1}$ ) for 30 min at 37  $^{\circ}$ C. After incubation, DCFDA (10  $\mu$ M) was added to determine ROS. The fluorescence was measured at 530 nm after exciting at 480 nm by using Varioskan multimode plate reader (Thermo Scientific) and expressed as pmol DCF formed per mg protein. Further to demonstrate venom-induced NOX-dependent and/or NOX-independent ROS production, neutrophils were independently pre-incubated with DPI (20  $\mu$ M) and/or DNP (750  $\mu$ M) for 60 min at 37  $^{\circ}$ C and then stimulated with *E. carinatus* venom (50  $\mu$ g) for 30 min at 37  $^{\circ}$ C. PMA (50 nM) and A23187 (5  $\mu$ M) were used as a positive control.

**Immunocytochemistry.** Neutrophils ( $2 \times 10^5$  cells per ml) were seeded on 13 mm round coverslips placed in 24-well culture plates in 500  $\mu$ l of DMEM with 2% HSA and allowed to adhere to the coverslips for 30 min at 37  $^{\circ}$ C and 5% CO<sub>2</sub>. Then, the cells were independently stimulated with PMA (50 nM) and the *E. carinatus* venom



**Figure 8 | DNase 1 treatment prevents *E. carinatus* venom-induced tissue destruction in the challenge study.** (a) The graph represents the continued high injury score in *E. carinatus* venom (LD<sub>50</sub>)-injected mouse tails (red line), whereas the administration of 100 U DNase 1 at various times (30–180 min post-venom injection) decreased the tail injury score. The data are presented as mean  $\pm$  s.e.m. ( $n = 10$ ). \* $P < 0.05$ , \*\*\* $P < 0.001$  versus PBS injected control mice; one-way analysis of variance, followed by Dunnett's post-hoc test. (b) Representative photographs of mice taken on different days after injection. The mice were injected with *E. carinatus* venom (LD<sub>50</sub>; top row) or co-injected with *E. carinatus* venom (LD<sub>50</sub>) and DNase 1 (100 U; bottom row); the mice in the latter group recovered and normal tail morphology was restored on day 4 onwards (bottom, third). Scale bars, 2 cm ( $n = 10$ ).

(25 and 50  $\mu\text{g ml}^{-1}$ ) for 2.5 h, fixed using 4% paraformaldehyde, permeabilized using 1% Triton X-100 and blocked with 1% bovine serum albumin for 1 h at room temperature. The cells were incubated with a primary antibody against H3Cit (1:1,000) overnight at 4 °C and then with AlexaFluor 488-conjugated goat anti-rabbit IgG (1:1,500) for 2 h at room temperature. Hoechst 33342 (1:10,000) was used to stain for DNA. The images were acquired on a BA410 fluorescence microscope (Motic) attached to a DS-Qi2 monochrome CMOS sensor camera (Nikon) using a CCIS EC-H Plan Achromatic  $\times 20$  or  $\times 40/0.65$  objective lens and NIS-Elements D software (Version 4.3.00 64-bit). Images were analysed using the ImageJ software.

**Scanning electron microscopy.** Neutrophils ( $2 \times 10^5$  cells per ml in 500  $\mu\text{l}$  DMEM with 2% HSA) were seeded on 13 mm round coverslips, placed in 24-well culture plates and allowed to attach to the coverslips for 30 min at 37 °C. The neutrophils were then stimulated with *E. carinatus* venom (50  $\mu\text{g ml}^{-1}$ ) for 2.5 h at 37 °C, fixed in 2.5% glutaraldehyde and post-fixed in 0.5% osmium tetroxide for 30 min. Then, the coverslips were incubated in 1% tannic acid for 30 min, with 0.5% osmium tetroxide for 30 min and dehydrated with a graded series of alcohol (30–100%) for 5 min each. The coverslips were dried in a desiccator for 24 h and the coverslips containing specimens were coated with a carbon layer using a thin

layer evaporator. The samples were visualized using a Zeiss EVO LS15 scanning electron microscope.

**Venom-induced mouse tail tissue destruction and lethality.** *E. carinatus* or *N. naja* venom (LD<sub>50</sub>/LD dissolved in 50  $\mu\text{l}$  PBS) was subcutaneously administered to the groups of mice ( $n = 10$ ) 3 cm distal to the base of the tail. The lethal dose of venom was determined in a pilot study (*E. carinatus* venom LD<sub>50</sub> = 1 mg per kg body weight and LD = 1.5 mg per kg body weight and *N. naja* venom LD = 0.75 mg per kg body weight). The time of death and tail injuries were recorded for each mouse. The severity of the tail injury was judged visually and scored according to a 10 point scale; 0 = no injury, 1 = oedema, 2 = oedema with minor haemorrhage, 4 = oedema with haemorrhage causing less than 25% tail discoloration, 6 = oedema and major haemorrhage or wound causing 25–50% tail discoloration, 8 = oedema and major haemorrhage or wound causing 50–75% tail discoloration, 10 = oedema and major haemorrhage or wound causing more than 75% tail discoloration. The tail injury observations were recorded every day for 15 days after venom injection. To assess the effects of DNase 1 on tail haemorrhage, *E. carinatus* venom (LD<sub>50</sub>/LD) was co-injected independently with 25, 50 or 100 U DNase 1. In the challenge study, 100 U DNase 1 was administered  $\sim 5$  mm distal to the venom injection site 30, 60, 90, 120 or 180 min after the *E. carinatus* venom (LD<sub>50</sub>) injection. To assess the effect of DNA on venom lethality, *E. carinatus* venom (LD<sub>50</sub>/LD) was incubated with calf thymus DNA in a 1:1 (w/w) ratio for 10 min at 37 °C and injected subcutaneously into the tail. Appropriate controls were maintained according to the assay requirements.

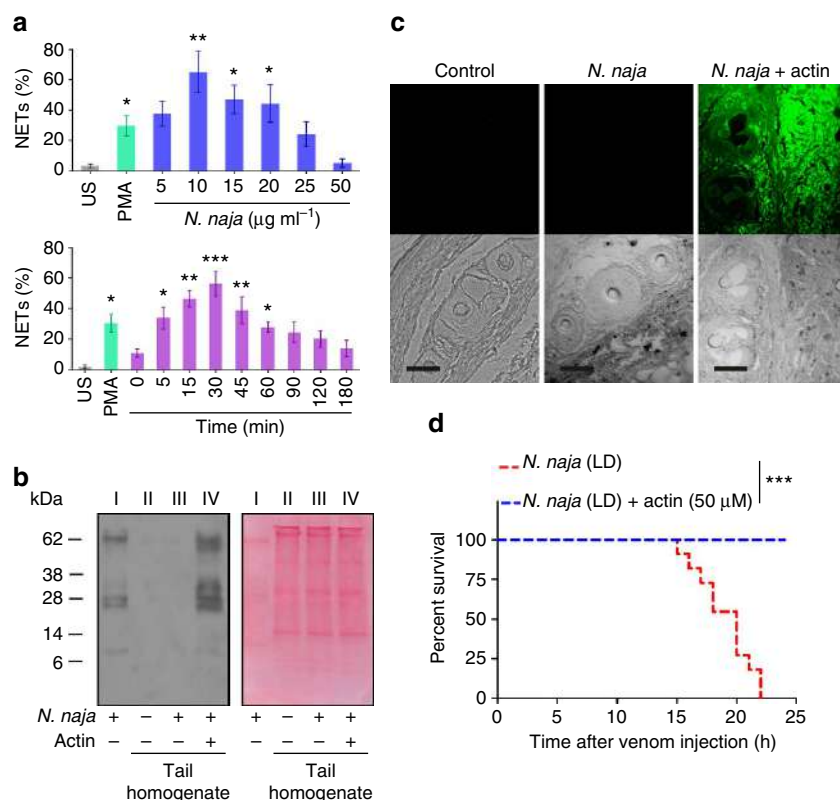
**Histopathological studies.** The venom-induced tail tissue destruction and the presence of NETs in the venom-injected tail tissues were examined in H&E-stained tissue sections. The respective tissues were dissected from the venom injection site, fixed overnight in buffered formalin and subjected to dehydration with different grades of alcohol and chloroform mixture. The processed tissues were embedded in molten paraffin wax, and 10- $\mu\text{m}$ -thick sections were prepared using a microtome. The sections were stained with H&E, observed under an Axio Imager.A2 microscope (Zeiss) and photographed.

**Immunohistochemistry.** The localization of H3Cit, Ly6G/lactoferrin and DNA in mouse tail tissue was examined by immunofluorescence microscopy. The mouse tail tissue was dissected from the *E. carinatus* venom-injected normal and neutropenic mice, processed, embedded in solidifying paraffin wax and cut into 10- $\mu\text{m}$ -thick cross/longitudinal sections. The sections were deparaffinized by incubating the slides overnight at 55 °C and subjected to xylene clearance for 5 min. Furthermore, the sections were rehydrated with different grades of alcohol (100–50%). The antigens were retrieved by incubating the slides with Tris-EDTA buffer (pH 9.0) in a steamer for 45 min. The tissues were permeabilized using 1% Triton X-100 and incubated with primary antibodies against H3Cit (1:1,000) overnight at 4 °C, followed by incubation with an AlexaFluor 488-conjugated goat anti-rabbit IgG antibody (1:500) for 2 h in the dark at room temperature. The sections were then incubated with an AlexaFluor 647-conjugated anti-mouse Ly6G antibody (1:200) for 3 h at room temperature or anti-mouse lactoferrin antibody (1:500) for overnight at 4 °C, followed by incubation with an AlexaFluor 647-conjugated goat anti-mouse IgG antibody (1:500) for 2 h in the dark at room temperature. Hoechst 33342 (1:10,000, 1  $\mu\text{g ml}^{-1}$ ) was used to stain DNA. Images were acquired with a BA410 fluorescence microscope (Motic) attached to a DS-Qi2 monochrome CMOS sensor camera (Nikon) using a CCIS EC-H plan achromatic  $\times 10/0.25$  and  $\times 40/0.65$  objective lens and NIS-Elements D software (Version 4.3.00), or using a confocal microscope (Zeiss LSM 510 Meta). The appropriate controls were maintained.

The accumulation of venom toxins in *E. carinatus*/*N. naja* venom-injected tail tissues after 8 h of venom injection in the presence and absence of DNase 1/actin were detected using the appropriate rabbit polyclonal antibodies (2  $\mu\text{g ml}^{-1}$ ), followed by an AlexaFluor 488-conjugated goat anti-rabbit IgG secondary antibody (1:500). The appropriate controls were maintained.

**Rabbit immunization and IgG purification.** Rabbits were independently immunized against *E. carinatus* and *N. naja* venoms, and IgGs were purified<sup>54</sup>. *E. carinatus* (200  $\mu\text{g}$ ) or *N. naja* (100  $\mu\text{g}$ ) venoms were diluted in 100  $\mu\text{l}$  PBS, thoroughly mixed with an equal volume of Freund's complete adjuvant and intradermally injected into female rabbits at several sites. Three booster doses of venom were administered at the same concentration and an equal volume of Freund's incomplete adjuvant at weekly intervals. Blood was drawn from the marginal ear vein on the ninth day after the third booster dose and allowed to coagulate for 24 h at 8–10 °C to obtain the antiserum. The antiserum was subjected to ammonium sulfate precipitation to obtain the crude IgG fraction, which was then subjected to Protein A-agarose column chromatography. The column was equilibrated with PBS and 5 mg of the crude IgG fraction in 2 ml of PBS was loaded and eluted using 0.2 M glycine-HCl buffer, pH 2.9. After reading the optical density at 280 nm, 1 ml aliquots were collected, pooled and then neutralized using 1 M Tris-HCl buffer, pH 8.0. The samples were subjected to dialysis against PBS. Aliquots of antibodies with 2  $\text{mg ml}^{-1}$  concentration were prepared and stored at  $-20$  °C and used for the study.





**Figure 9 | DNase activity of *N. naja* venom is essential for degrading NETs and increasing its lethal potency.** (a) *N. naja* venom-stimulated NET formation was quantified using MPO-DNA capture ELISA in both dose- (top) and time-dependent (bottom) assays. US, unstimulated cells. The results are expressed as the percent increase relative to the US; mean  $\pm$  s.e.m. ( $n = 6$ ). \* $P < 0.05$ , \*\* $P < 0.01$ , \*\*\* $P < 0.001$  versus the US; one-way analysis of variance, followed by Dunnett's *post-hoc* test. PMA (50 nM) served as a positive control. (b) Western blot analysis (left) of the appearance of *N. naja* venom in tail tissue homogenates taken 8 h after venom (LD) injection in the presence or absence of actin (50  $\mu\text{M}$ ). *N. naja* venom (20  $\mu\text{g}$ ) served as a positive control. The image of the corresponding Ponceau-stained PVDF membrane (right) shows *N. naja* venom, 20  $\mu\text{g}$  (lane I) and equal protein loading of tail tissue homogenates (lane II–IV);  $n = 3$ . (c) Representative immunofluorescence images were captured 8 h after *N. naja* venom (LD) injection in mouse tails and did not show an accumulation of venom (top row, middle), similar to the PBS-injected control tissue (left). However, *N. naja* venom accumulated when the venom (LD) was pre-treated with 50  $\mu\text{M}$  actin before injection. The corresponding DIC images of respective tissues are shown (bottom). Scale bars, 100  $\mu\text{m}$  ( $n = 3$ ). (d) Kaplan-Meier survival curves after injections of *N. naja* venom (LD, red line) or *N. naja* venom (LD) pre-incubated with 50  $\mu\text{M}$  actin (blue line);  $n = 10$ . \*\*\* $P < 0.001$ ; Log-rank test.

**Neutropenic mouse model.** Neutropenia was induced in mice using cyclophosphamide<sup>55</sup>. Briefly, female Swiss albino mice were intraperitoneally injected with cyclophosphamide in two doses totaling 250  $\text{mg kg}^{-1}$ . Initially, 150  $\text{mg kg}^{-1}$  was administered in 500  $\mu\text{l}$  saline as the first dose on day 1, and the second dose of 100  $\text{mg kg}^{-1}$  was administered on day 4. Blood samples were drawn from the retro-orbital plexus on days 4 and 5, and subjected to total and differential cell counts using a Neubauer chamber and microscopic examination of Wright-stained smears. Then, the neutropenic mice were used on day 4, where complete neutrophil depletion was found (Supplementary Table 1), to determine the tail tissue destruction activity and lethality ( $n = 10$ ) of the *E. carinatus* venom (LD<sub>50</sub>) in the presence and absence of DNase 1 (100 U) as described above.

**Western blot analysis.** In the *ex vivo* experiment, the levels of H3Cit, histone H3 and PAD4 in human neutrophils incubated with 5, 25 and 50  $\mu\text{g ml}^{-1}$  of *E. carinatus* venom for 2.5 h at 37 °C were observed by western blotting. In the *in vivo* studies, the levels of H3Cit/histone H3/MPO were determined in mice tail homogenates. The mice were divided into three different treatment groups: (i) *E. carinatus* venom (LD<sub>50</sub>) was injected into the mice at different time intervals (2, 4, 8, 16 and 12 h; 3 and 10 days); (ii) *E. carinatus* venom (LD<sub>50</sub>) was injected into normal and neutropenic mice for 8 h and (iii) *E. carinatus* venom (LD<sub>50</sub>) was injected into mice in the presence or absence of DNase 1 (100 U) for 8 h. The accumulation of venom in tail tissue was observed using western blots of tail tissue homogenates from mice injected with *E. carinatus* venom (LD<sub>50</sub>) in the presence or absence of DNase 1 (100 U) and mice injected with *N. naja* venom in the presence or absence of actin (50  $\mu\text{M}$ ) 8 h after injection using rabbit raised polyclonal antibodies raised against respective snake. Briefly, the treated human neutrophils and mouse tail portions (3 cm length of tail, with the injection site at the centre, were collected after the mice were anaesthetized and killed at the indicated time intervals in the respective experiments) were snap frozen and homogenized in RIPA buffer with protease inhibitor cocktails on ice. The homogenates were

centrifuged at 15,000g for 15 min at 4 °C and equal amounts of protein were fractionated on SDS-PAGE and electroblotted onto polyvinylidene difluoride (PVDF) membranes. The blots were then incubated with primary antibodies (anti-H3Cit (1:750), anti-H3 (1:750), anti-PAD4 (1:2,000), anti-MPO (1:750), anti-*E. carinatus* (2  $\mu\text{g ml}^{-1}$ ) and anti-*N. naja* (2  $\mu\text{g ml}^{-1}$ )) overnight at 4 °C and subsequently with the appropriate horseradish peroxidase-conjugated secondary antibody (1:5,000) for 2 h at room temperature. The blots were developed with an enhanced chemiluminescence substrate and visualized (Alliance 2.7, Uvitec). To confirm equal loading, the glyceraldehyde 3-phosphate dehydrogenase (GAPDH) levels were observed by incubating the membrane with an anti-GAPDH antibody (1:1,000). For the venom accumulation study, the electroblotted membranes were stained with Ponceau to confirm equal protein loading. ImageJ software was used to quantify the blots. Images have been cropped for presentation. Uncropped images are presented in Supplementary Fig. 11.

**Detection of DNase activity of the venom.** The DNase activity of the venom was determined by agarose gel electrophoresis/DNase radial diffusion assay. Briefly, 750 ng of calf thymus DNA was independently incubated with the *N. naja* (5–50  $\mu\text{g ml}^{-1}$ ) venom for 60 min, at 37 °C in a final volume of 50  $\mu\text{l}$  PBS. The reaction mixture was subjected to electrophoresis on 0.8% agarose gels at 50 V in TAE buffer (40 mM Tris-base and 1 mM EDTA, pH 8.0) for 1 h. Calf thymus DNA that had been treated with DNase 1 (5 U) served as a positive control. After electrophoresis, the gel was visualized and photographed on a ultraviolet transilluminator (Alliance 2.7, Uvitec). The *N. naja* venom DNase activity was inhibited by incubating the sample with actin (5–25  $\mu\text{M}$ ) for 10 min at 37 °C. Image has been cropped for presentation. Uncropped image is presented in Supplementary Fig. 11.

For radial diffusion assay, molten agarose (5 ml, 2.1%) containing herring sperm DNA (1  $\text{mg ml}^{-1}$ ) and ethidium bromide (1  $\mu\text{g ml}^{-1}$ ) was poured into wells of six-well culture plates and allowed to solidify. Seven-millimetre diameter

wells were created at the centre of the dishes and loaded with *E. carinatus* venom (50–500 µg per well) for 24 h at 37 °C. DNase 1 (10 U) served as the positive control. After incubation, the plates were visualized and photographed on a ultraviolet transilluminator (Alliance 2.7, Uvitec).

**Effect of *E. carinatus* venom on serum DNase activity.** Serum DNase activity was determined using the radial diffusion method. Molten agarose (5 ml, 2.1%) containing herring sperm DNA (1 mg ml<sup>-1</sup>) and ethidium bromide (1 µg ml<sup>-1</sup>) was poured into 35 mm diameter Petri dishes and allowed to solidify. Seven-millimetre diameter wells were created at the centre of the dishes and loaded with human serum (200 µl), which was independently pre-incubated with 250, 500 and 1,000 µg of *E. carinatus* venom for 1 h at 37 °C. DNase 1 (10 U) served as the positive control. After 24 h of incubation at 37 °C, the plates were visualized and photographed on a ultraviolet transilluminator (Alliance 2.7, Uvitec).

**DNA-venom capture ELISA.** The interaction between DNA and *E. carinatus* venom was studied using DNA–venom capture ELISA with Cell Death ELISA<sup>PLUS</sup>, Roche. Neutrophils (1 × 10<sup>5</sup> cells per 500 µl) were incubated with *E. carinatus* venom (25, 50 and 100 µg) for 2.5 h to ensure NET formation and binding of the *E. carinatus* venom to NET DNA. Next, the DNA–histone complex provided in the assay kit (40 µl) was incubated with *E. carinatus* venom (50 µg) in a final volume of 500 µl made up with incubation buffer for 2.5 h to serve as a positive control. The concentrations of the DNA–histone complex and *E. carinatus* were determined in our pilot study, where 40 µl of the DNA–histone complex bound to a maximum of 50 µg of *E. carinatus* venom. After incubation, the samples were centrifuged at 20g for 5 min at room temperature, and 20 µl of the supernatant was added to streptavidin-coated 96-well plates, along with 80 µl of an anti-histone-biotin antibody (1:20) for 2 h, followed by shaking at 300 r.p.m. at room temperature. The plate was washed (three times with incubation buffer, 300 µl each) and incubated with a rabbit polyclonal antibody against *E. carinatus* venom (1:1,000) for 2 h, followed by shaking at 300 r.p.m. at room temperature. Then, the plate was washed (three times with incubation buffer, 300 µl each) and incubated with an horseradish peroxidase-conjugated anti-rabbit secondary antibody (1:5,000) for 2 h by shaking at 300 r.p.m. at room temperature in the dark. The wells were again washed (three times with incubation buffer, 300 µl each) and 100 µl of the ABTS peroxidase substrate was added. After 20 min of incubation at room temperature in the dark, the absorbance was measured at 405 nm using Varioskan multimode plate reader (Thermo Scientific). The percent increase in the absorbance with respect to the control indicated the binding of *E. carinatus* venom toxins to the DNA–histone complex or NETs.

**Detection of DNA–venom interaction by non-denaturing PAGE.** The interaction between DNA and *E. carinatus* venom was also studied by electrophoresis. We used the amplified PCR product (160 bp) that was produced by multiplex PCR using the mecA P4 (5'-TCCAGATTACAACCTTACCAGG-3') and mecA P7 (5'-CCACTTCATATCTTGTAAACG-3') primers as previously described<sup>56</sup>. The reaction was carried out with a DreamTaq Green DNA Polymerase kit consisting of 200 µM dNTPs, 1.25 U DreamTaq DNA polymerase and 100 ng template DNA (Genomic source *S. aureus*). PCR amplification was performed in a Surecycler 8800 (Agilent Technologies) using the following conditions: initial denaturation for 15 min at 95 °C; 35 cycles consisting of denaturation for 30 s at 95 °C, annealing for 30 s at 53 °C, elongation for 1 min at 72 °C and post-extension for 5 min at 72 °C. The amplified fragment/amplicon (250 ng) was incubated with increasing concentrations of *E. carinatus* venom (5–50 µg) for 1 h at 37 °C in a final reaction volume of 20 µl. Then, the reaction mixture was separated on non-denaturing PAGE (7.5%) using 0.5 × Tris-borate-EDTA buffer, pH 8.5, with a constant voltage of 50 V for 4 h. The gel was visualized on a ultraviolet transilluminator (Alliance 2.7 Uvitec) after staining with ethidium bromide (1 µg ml<sup>-1</sup>) for 30 min at room temperature.

The interaction between the DNA and the *E. carinatus* venom was disrupted by the addition of an equal amount of chloroform and isoamyl alcohol (24:1, v/v) followed by two volumes of pre-chilled isopropanol and incubation overnight at -20 °C. The samples were then centrifuged at 18,000g for 10 min and the pellets were dissolved in sterile distilled water and resolved on a non-denaturing PAGE gel as described above. Images have been cropped for presentation. Uncropped images are presented in Supplementary Fig. 11.

**Protein concentration measurement.** The protein concentrations were determined using the method described by Lowry *et al.*<sup>57</sup>.

**Statistics.** The data are presented as the mean ± s.e.m. of at least three independent experiments and were analysed using a two-tailed Student's *t*-test (unpaired), one-way analysis of variance, followed by Dunnett's *post-hoc* test or Bonferroni *post hoc* test for multiple comparisons as applicable. Lethality was analysed using the log-rank test after constructing Kaplan–Meier curves. All analyses were done using GraphPad Prism software (Version 5.0). The results were considered significant when *P* < 0.05.

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## Author contributions

K.K., K.S.G. and G.D.K. conceived the idea, designed the research, discussed the data and wrote the paper; G.D.K. and M.S.S. performed the experiments, collected the data and analysed the data. M.S.S. and S.D. analysed and discussed some data. S.K.N., R.D.S., M.P., G.J.V. and B.S. performed some experiments.

## Additional information

**Supplementary Information** accompanies this paper at <http://www.nature.com/naturecommunications>

**Competing financial interests:** The authors declare no competing financial interests.

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Date : 21-04-2023

To  
The National Coordinator  
PMRF

Dear Sir/Madam,

This is to certify that Ms Senji Laxme R R (who is a PhD scholar and a PMRF fellow at CES, IISc) has completed a 25-hour teaching module for our Final Year BE Biotechnology Engineering students at our campus as per PMRF fellowship requirements during March-April 2023.

Thanking You,

Yours Sincerely

  
21/4/2023

H.G. Nagendra

Dr H.G. Nagendra

Professor & Head

Department of Biotechnology

Sir M. Visvesvaraya Institute of Technology  
BANGALORE - 562157











<b>S.No</b>	<b>Topics</b>
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2	Snakes of Karnataka
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	Content	Coherence	Understanding	Interaction
PRANESH KULASEKHAR	6	7	7	7
SHRUTHI P	6	7	6	6
VRITHI RAJU	6	7	6	7
AASHITHA C SHEKAR	7	7	8	9
KAVYA BAI O P	7	7	8	9
MADHUMITHA K	0	0	0	0
NAGASHREE S	7	6	6	5
APARNA B S	7	6	6	5
DEEPIKA	7	7	6	5
SHREYA RAO	7	7	6	6
VIDYASHREE	7	6	6	5
ADVAITH K G	0	0	0	0
CHATURTHY	0	0	0	0
MAITHRI B M	0	0	0	0
MAHALAKSHMI	0	0	0	0
NIHARIKA K S	0	0	0	0
SMRITHI HUNSIGI	0	0	0	0
UMA MAHESHWARI	0	0	0	0
JHANVI RONI	0	0	0	0
URVIJA DUBEY	0	0	0	0
EMILEE GRACIA DOMNIC	8	8	8	8
DEVE SNEHA GOWDA	8	8	8	8
SYEDA DANIYA IMAN	8	8	8	8
UPPU AISHWARYA	8	8	8	8
SRINJANA RAHA	9	9	9	10
THEJASHREE M	9	9	9	10
TRISHA C	5	6	7	6
SAMARTH RAJE URS	8	7	7	8
ACHYUTH S V	8	7	7	8
GURURAJ	5	8	8	6
HRUTHIK KUMAR RAJU	5	0	0	0
RICHARD STEPHEN	8	6	6	

ach)	Group efforts (30)			Total	Ranking
Team work	Presentation	Attendance			
10	7	10	30	84	3
10	7	0	30	72	
10	7	0	30	73	
7	8	10	25	81	4
7	8	10	25	81	4
0	0	0	0	0	
6	7	10	25	72	
6	6	0	25	61	
7	6	0	25	63	
7	6	0	25	64	
7	6	0	25	62	
0	0	0	0	0	
0	0	0	0	0	
0	0	0	0	0	
0	0	0	0	0	
0	0	0	0	0	
0	0	0	0	0	
0	0	0	0	0	
0	0	0	0	0	
0	0	0	0	0	
0	0	0	0	0	
7	8	10	30	87	1
7	8	10	30	87	1
7	8	10	30	87	1
7	8	10	30	87	1
10	9	0	30	86	2
10	9	0	30	86	2
5	7	0	28	64	
8	8	10	28	84	3
8	8	10	28	84	3
6	7	0	28	68	
5	5	0	0	15	
8	8	0	28	64	



## Comments

Great individual effort, attended both sessions, interacted with other teams. Better presentation expected.

Great content and understanding. Better team effort expected.

Best team. Great content, teamwork. Team attended both sessions. Could have been more interactive.

Content, good understanding of content, very interactive and informative. Could have taken attendance more seriously.

Attended both the sessions. Great content, understanding. Special mention for the efforts.

	<b>SIR M VISVESVRAYA INSTITUTE OF TECHNOLOGY</b>									
	<b>Venom toxinology course attendance</b>									
<b>S. No</b>	<b>Names</b>	<b>Course</b>	<b>02 March</b>	<b>09 March</b>	<b>16 March</b>	<b>23 March</b>	<b>30 March</b>	<b>13 April</b>	<b>20 April</b>	<b>20 April</b>
1	K S LASYA	BE	Yes	Yes	Yes	No	No	No	No	No
2	JHANVI RONI	BE	Yes	Yes	No	No	No	No	No	No
3	URVIJA DUBEY	BE	Yes	Yes	No	No	No	No	No	No
4	AASHITHA C SHEKAR	BE	Yes	No	No	Yes	Yes	Yes	Yes	Yes
5	ACHYUTH S V	BE	Yes	No	Yes	Yes	No	Yes	Yes	Yes
6	ADVAITH K G	BE	Yes	No	No	No	Yes	No	No	No
7	APARNA B S	BE	Yes	No	Yes	No	Yes	No	Yes	No
8	CHATURTHY	BE	Yes	No	No	No	No	No	No	No
9	DEEPIKA	BE	Yes	Yes	Yes	Yes	No	No	Yes	No
10	EMILEE GRACIA DOMNIC	BE	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
11	DEVE SNEHA GOWDA	BE	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
12	GURURAJ	BE	Yes	No	No	Yes	No	No	No	Yes
13	HRUTHIK KUMAR RAJU	BE	Yes	Yes	No	No	No	No	No	No
14	KAVYA BAI O P	BE	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
15	MADHUMITHA K	BE	Yes	Yes	No	No	Yes	No	No	No
16	MAHALAKSHMI	BE	Yes	Yes	Yes	Yes	No	No	No	No
17	MAITHRI B M	BE	Yes	Yes	Yes	No	No	No	No	No
18	NAGASHREE S	BE	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
19	NIHARIKA K S	BE	Yes	Yes	Yes	Yes	No	No	No	No
20	PRANESH KULASEKHAR	BE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
21	RICHARD STEPHEN	BE	Yes	Yes	No	No	Yes	No	No	Yes
22	ROHAN THOMAS CHERIAN	BE	Yes	No	No	No	No	No	No	No
23	SAMARTH RAJE URS	BE	Yes	No	No	Yes	No	No	Yes	Yes
24	SHREYA RAO	BE	Yes	Yes	No	No	No	No	Yes	No
25	SHRUTHI P	BE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
26	SMRITHI HUNSIGI	BE	Yes	Yes	Yes	No	No	No	No	No
27	SRINJANA RAHA	BE	Yes	No	Yes	No	No	Yes	Yes	No
28	SYEDA DANIYA IMAN	BE	Yes	Yes	Yes	No	Yes	Yes	No	Yes
29	THEJASHREE M	BE	Yes	No	Yes	Yes	Yes	Yes	Yes	No
30	TRISHA C	BE	Yes	No	Yes	No	No	No	No	Yes
31	UPPU AISHWARYA	BE	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
32	UMA MAHESHWARI	BE	Yes	No	Yes	No	No	No	No	No
33	VIDYASHREE	BE	Yes	No	Yes	No	No	No	Yes	No
34	VRITHI RAJU	BE	Yes	Yes	Yes	No	Yes	Yes	Yes	No
35	YAMUNA	BE	Yes	Yes	No	No	No	No	No	No
36	JANE	MTECH	Yes	Yes	No	No	No	No	No	No
37	YADUKIRAN	MTECH	Yes	Yes	No	No	No	No	No	No
38	AKSHATHA	MTECH	Yes	Yes	No	No	No	No	No	No
39	MANUDYUTH	MTECH	Yes	Yes	No	No	No	No	No	No
40	AYAN	MTECH	Yes	Yes	No	No	No	No	No	No