



Rajarajeswari College of Engineering

(An Autonomous Institute, Under Visvesvaraya Technological University, Belagavi)
Approved by AICTE, UGC & GoK, Accredited by ISO 9001-2015 Certified Institution)
Sponsored by: MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST

Department of Artificial Intelligence & Machine Learning



Date:12 /11/2025

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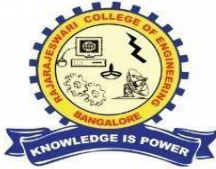
It is hereby informed to all the students that the department is organizing Technical Seminar on the topic “**Technical Workshop on Data Analytics and Image Processing using python**” held on 18th to 22nd November 2025. All are requested to attend the seminar and make better utilization of the recourse person and opportunity.

HOD



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DEPARTMENT OF ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

Organizing 5 Days - Workshop on

'Data Analytics and Image Processing Using Python'

RESOURCE PERSONS

Mr. Vijay

Co-Founder

M/s. Mevi Technologies

Bengaluru



Mr. Mahadeva Prasad L

Trainer & Developer

M/s. Mevi Technologies

Bengaluru



PROGRAM SCHEDULE



18th to 22nd Nov 2025



9:00 AM TO 3:30 PM



1st Floor Seminar Hall

Program Co-Ordinator

Mr. Rajakanth C B
Asst. Professor

Dr. Rajesh K.S
HoD - AIML

Dr. R. Balakrishna
Principal

Contact Us



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Technical workshop on Data Analytics and Image processing using python

Resource person : Mr Vijay & Mr Mahadeva prasad L

Date of the Event : 18-11-2025 to 22-11-2025

Venue : 1st floor seminar hall

Target participants : 3rd year students

Faculty coordinator : Rajakanth C B

Overview of the Event:

The 5-day workshop on Data Analytics and Image Processing using Python provided participants with a strong practical foundation in programming, data handling, and beginner-level machine learning. The workshop started with **Python basics**, where students learned core concepts such as variables, loops, conditional statements, functions, and simple programs to build confidence in coding. This was followed by hands-on learning of essential libraries like **NumPy and Pandas**, enabling participants to work with arrays, perform calculations, clean datasets, and analyze tabular data efficiently.

As the workshop progressed, learners were introduced to three important machine learning algorithms: **Linear Regression, Logistic Regression**, and one more commonly used classification model. These algorithms were applied to real datasets, allowing students to build practical mini-projects such as **house price prediction** using Linear Regression and **heart disease prediction** using Logistic Regression, helping them understand how ML models solve real-world problems.

In the final phase, participants explored **image processing** in Python, where they performed basic but impactful tasks such as converting images to black and white, adjusting color channels, resizing, and simple filtering. By the end of the workshop, learners gained clear exposure to Python programming, data analytics, machine learning fundamentals, and basic image processing techniques, preparing them for further advanced learning.



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Outcome of the program :

The 5-day workshop successfully equipped participants with practical skills in **Python programming, data analytics, and basic image processing**. By the end of the event, learners were able to write Python programs confidently and work with NumPy and Pandas for data handling. They understood and applied key machine learning algorithms such as Linear Regression and Logistic Regression to real projects like house price and heart disease prediction. Participants also gained hands-on experience in simple image processing tasks, including converting images to black and white and basic color adjustments. Overall, the workshop strengthened their analytical thinking and prepared them for advanced data science learning.

HOD



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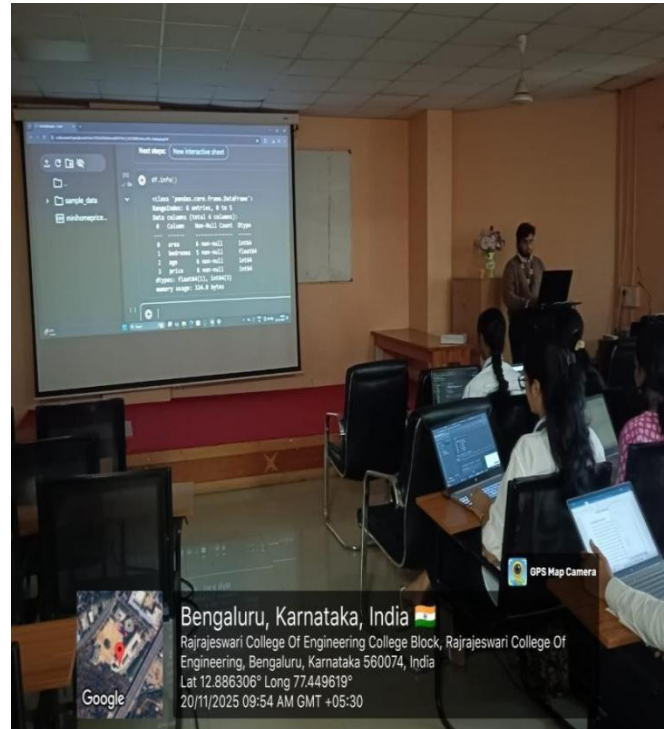
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Pic: Workshop Inaugurated by Respected Dean, HOD and Resource person.



Pic: Resource person and Students engage with



edge-cutting technique in a collaboration learning environment



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Department of Artificial Intelligence & Machine Learning												
Workshop on Data Analytics & Image Processing using Python												
Sl No.	USN	Name	18-11-2025		19-11-2025		20-11-2025		21-11-2025		22-11-2025	
			Morning Session	Noon Session	Morning Session	Noon Session	Morning Session	Noon Session	Morning Session	Noon Session	Morning Session	Noon Session
1	IRR23AI043	RATIK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
2	IRR23AI001	AASHIKA D	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
3	IRR23AI002	ABHINAV G BHAT	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
4	IRR23AI003	ABINAYA V	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
5	IRR23AI004	ADONI SAHANA	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
6	IRR23AI005	AKSHATHA B T	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
7	IRR23AI006	ALWYN ROY Y	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
8	IRR23AI007	AMBAR ZUNAINA	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
9	IRR23AI008	ANANYA P	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
10	IRR23AI009	ARAVINDA K V	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
11	IRR23AI010	ARPITHA T	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
12	IRR23AI011	B HEMALATHA	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
13	IRR23AI012	B RITHIKASHREE	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
14	IRR23AI013	BHOOMIKA M	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
15	IRR23AI014	BINDUSHREE S Y	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
16	IRR23AI015	CHEETHAN K C	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
17	IRR23AI016	DEEKSHITHA P	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
18	IRR23AI017	DEEPAK RAJ K	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
19	IRR23AI018	DEEPTHI S	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
20	IRR23AI019	GAGAN GHOSH G T	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
21	IRR23AI020	GANESH THEJASWI	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
22	IRR23AI021	HARSHITHA VR	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
23	IRR23AI022	JALAJ KRISHNA B S	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
24	IRR23AI023	JEEVAN S	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
25	IRR23AI025	JEEVITHA S	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
26	IRR23AI026	KARTHIK BRAMHA	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
27	IRR23AI027	KUNHAAL B	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

28	IRR23AI028	KURUBA CHETANA	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
29	IRR23AI029	MAHENDRATHA	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
30	IRR23AI030	SHIVAYYA HIREMATHI	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
31	IRR23AI031	MANOJ KUMAR R	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
32	IRR23AI032	MINCHU GANIGA BC	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
33	IRR23AI033	NAIKODISHRIDHAR	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
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37	IRR23AI037	NEHA B N	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
38	IRR23AI038	NEHA H	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
39	IRR23AI039	NEHA M	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
40	IRR23AI040	NISHKA G	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
41	IRR23AI041	PRAMOD	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
42	IRR23AI042	PRAJWAL PRASAD M	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
43	IRR23AI043	PRERANA	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
44	IRR23AI044	PRIYANKA S GANIG	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
45	IRR23AI045	PRUTHVI K L	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
46	IRR23AI046	PUNYA B S	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
47	IRR23AI047	PURUSHOTHAM S	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
48	IRR23AI048	RAIVATH D R	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
49	IRR23AI049	RANJAN N K	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
50	IRR23AI050	ROHITH B CHAVAN	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
51	IRR23AI051	S VARSHA	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
52	IRR23AI052	SAIPRAKASH	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
53	IRR23AI053	SANJAY RAM M	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
54	IRR23AI054	SAN7HOSH M	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
55	IRR23AI055	SHESHANK KULKARNI	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
56	IRR23AI056	SHRAVAN M	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
57	IRR23AI057	SHREYA B PUJAR	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
58	IRR23AI058	SIDIGONDE PRAVEEN KUMAR	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
59	IRR23AI059	SREEYA	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
60	IRR23AI060	SYED AMEEN	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
61	IRR23AI061	TEJU S O	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
62	IRR23AI062	V S VIGNESH	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
63	IRR23AI063	VISHAL SV	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
64	IRR23AI064	YUVARAJA M	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK



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63	IRR24AI400	ABHISHEK M											
64	IRR24AI401	AMITH KUMAR YADAV											
65	IRR24AI402	DARSHAN N											
66	IRR24AI403	HYDERALI											
67	IRR24AI404	LEKHAN H R											
68	IRR24AI405	RAM CHARAN S											
69	IRR24AI406	RISHI S S											
70	IRR24AI407	THAMIZH SELVAN R											

Co-ordinator

HOD