



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

Circular

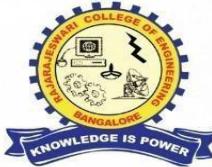
It is hereby informed to all the students that the department is organizing Technical Seminar on the topic **“Technical Workshop on Data Analytics and Image Processing using python”** held on 18th to 22nd November 2025. All are requested to attend the seminar and make better utilization of the recourse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



www.rrce.org



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9900058214

No. 14, Ramohalli Cross,
 Kumbalagodu, Mysore Road,
 Bengaluru - 560074



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.

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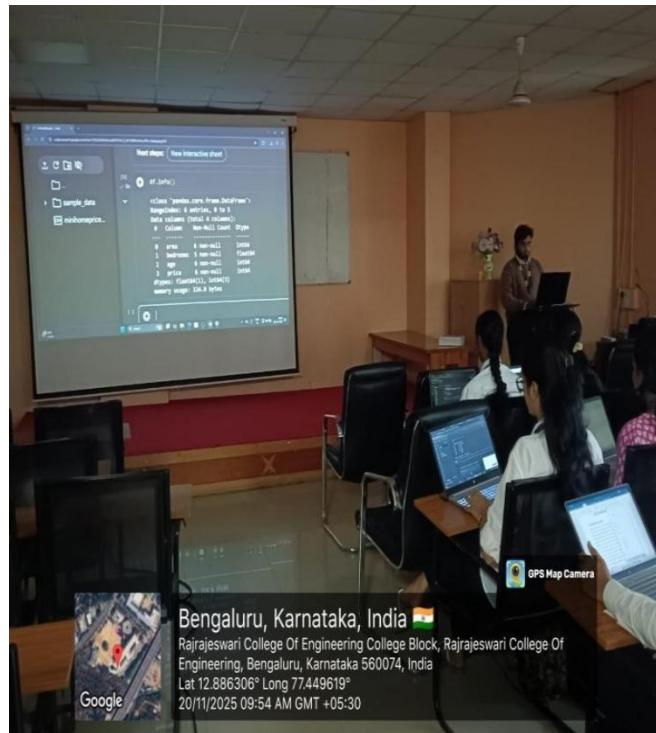
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Pic: Workshop Inaugurated by Respected Dean, HOD and Resource person.



Pic: Resource person and Students engage with edge-cutting technique in a collaboration learning environment





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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								
1	IRR23A1043	RATIK	-AB	-AB								
2	IRR23A1001	AASHIKA D	-AB	-AB								
3	IRR23A1002	ABHINAV G BHAT	-AB	-AB								
4	IRR23A1003	ABINAYA V	-AB	-AB								
5	IRR23A1004	ADONI SAHANA	-AB	-AB								
6	IRR23A1005	AKSHATHA B T	-AB	-AB								
7	IRR23A1006	ALWYN ROY Y	-AB	-AB								
8	IRR23A1007	AMBAR ZUNAINA	-AB	-AB								
9	IRR23A1008	ANANYA P	-AB	-AB								
10	IRR23A1009	ARAVINDA K V	-AB	-AB								
11	IRR23A1010	ARPITHA T	-AB	-AB								
12	IRR23A1011	B HEMALATHA	-AB	-AB								
13	IRR23A1012	B RITHIKASHREE	-AB	-AB								
14	IRR23A1013	BHOMIKA M	-AB	-AB								
15	IRR23A1014	BINDUSHREE S Y	-AB	-AB								
16	IRR23A1015	CHEETHAN K C	-AB	-AB								
17	IRR23A1016	DEEKSHITHA P	-AB	-AB								
18	IRR23A1017	DEEPAK RAJ K	-AB	-AB								
19	IRR23A1018	DEEPITHI S	-AB	-AB								
20	IRR23A1019	GAGAN GHOSH G T	-AB	-AB								
21	IRR23A1020	GANESH THEJASWI	-AB	-AB								
22	IRR23A1021	HARSHITHA VR	-AB	-AB								
23	IRR23A1023	JALAJ KRISHNA B S	-AB	-AB								
24	IRR23A1024	JEEVAN S	-AB	-AB								
25	IRR23A1025	JEEVITHA S	-AB	-AB								
26	IRR23A1026	KARTHIK BRAMHA	-AB	-AB								
27	IRR23A1027	KUNHAAL B	-AB	-AB								

28	IRR23A1028	KURUBA CHETANA	Chetana	Chetana	-AB	-AB	C6	C6	CD	CD	CE	CE
29	IRR23A1029	MANJUNATHA SHIVAYYA HIREMATHI	(W)	(W)	-AB	-AB	-AB	-AB	-AB	-AB	-AB	-AB
30	IRR23A1030	MANOJ KUMAR R	Mano	Mano	-AB	-AB	-AB	-AB	Mano	Mano	-AB	-AB
31	IRR23A1031	MINCHU GANIGA BC	Minchu	Minchu	-AB	-AB	-AB	-AB	Minchu	Minchu	-AB	-AB
32	IRR23A1032	NAIKODISHRIDHAR NAGESH	Nagesh	Nagesh	-AB	-AB	-AB	-AB	Nagesh	Nagesh	-AB	-AB
33	IRR23A1033	NAMRATA	Namrata	Namrata	-AB	-AB	-AB	-AB	Namrata	Namrata	-AB	-AB
34	IRR23A1034	NAVIN A	Navin	Navin	-AB	-AB	-AB	-AB	Navin	Navin	-AB	-AB
35	IRR23A1035	NEHA B N	Neha	Neha	-AB	-AB	-AB	-AB	Neha	Neha	-AB	-AB
36	IRR23A1036	NEHA H	Neha	Neha	-AB	-AB	-AB	-AB	Neha	Neha	-AB	-AB
37	IRR23A1037	NEHA M	Neha M	Neha M	-AB	-AB	-AB	-AB	Neha M	Neha M	-AB	-AB
38	IRR23A1038	NISHIKA G	Nishiha	Nishiha	-AB	-AB	-AB	-AB	Nishiha	Nishiha	-AB	-AB
39	IRR23A1039	PRAJWAL PRASAD M	Prajwal	Prajwal	-AB	-AB	-AB	-AB	Prajwal	Prajwal	-AB	-AB
40	IRR23A1040	PRAJWAL RAO B P	Prajwal	Prajwal	-AB	-AB	-AB	-AB	Prajwal	Prajwal	-AB	-AB
41	IRR23A1041	PRERANA	Prerana	Prerana	-AB	-AB	-AB	-AB	Prerana	Prerana	-AB	-AB
42	IRR23A1042	PRINYANKA S GANIG	Prinyanka	Prinyanka	-AB	-AB	-AB	-AB	Prinyanka	Prinyanka	-AB	-AB
43	IRR23A1043	PRUTHVI K L	Pruthvi	Pruthvi	-AB	-AB	-AB	-AB	Pruthvi	Pruthvi	-AB	-AB
44	IRR23A1044	PUNYA B S	Punya	Punya	-AB	-AB	-AB	-AB	Punya	Punya	-AB	-AB
45	IRR23A1045	PURUSHOTHAM S	-AB	-AB	-AB	-AB	-AB	-AB	Purushotham	Purushotham	-AB	-AB
46	IRR23A1046	RAJATHV D R	-AB	-AB	-AB	-AB	-AB	-AB	Rajathv	Rajathv	-AB	-AB
47	IRR23A1047	RANJAN N K	-AB	-AB	-AB	-AB	-AB	-AB	-AB	-AB	-AB	-AB
48	IRR23A1048	ROHITH B CHAVAN	Rohith	Rohith	-AB	-AB	-AB	-AB	Rohith	Rohith	-AB	-AB
49	IRR23A1049	S VARSHA	Varsha	Varsha	-AB	-AB	-AB	-AB	Varsha	Varsha	-AB	-AB
50	IRR23A1050	SAIFRAKASH	Sai	Sai	-AB	-AB	-AB	-AB	Sai	Sai	-AB	-AB
51	IRR23A1051	SANJAY RAM M	-AB	-AB	-AB	-AB	-AB	-AB	Sanjay	Sanjay	-AB	-AB
52	IRR23A1052	SANTHOSH M	Santhosh	Santhosh	-AB	-AB	-AB	-AB	Santhosh	Santhosh	-AB	-AB
53	IRR23A1053	SHESHANK KULKARNI	-AB	-AB	-AB	-AB	-AB	-AB	Sheshank	Sheshank	-AB	-AB
54	IRR23A1054	SHRAVAN M	Shravan	Shravan	-AB	-AB	-AB	-AB	Shravan	Shravan	-AB	-AB
55	IRR23A1055	SHREYA B PUJAR	Shreya	Shreya	-AB	-AB	-AB	-AB	Shreya	Shreya	-AB	-AB
56	IRR23A1056	SIDIGONDE PRAVEEN KUMAR	Sidigonde	Sidigonde	-AB	-AB	-AB	-AB	Sidigonde	Sidigonde	-AB	-AB
57	IRR23A1057	SREEYA	Sreeya	Sreeya	-AB	-AB	-AB	-AB	Sreeya	Sreeya	-AB	-AB
58	IRR23A1058	SVED AMEEN	-AB	-AB	-AB	-AB	-AB	-AB	Sved	Sved	-AB	-AB
59	IRR23A1059	TEJU S O	-AB	-AB	-AB	-AB	-AB	-AB	Teju	Teju	-AB	-AB
60	IRR23A1060	V S VIGHNESH	-AB	-AB	-AB	-AB	-AB	-AB	V S	V S	-AB	-AB
61	IRR23A1061	VISHAL SV	-AB	-AB	-AB	-AB	-AB	-AB	Vishal	Vishal	-AB	-AB
62	IRR23A1062	YUVARAJA M	Yuvraj	Yuvraj	-AB	-AB	-AB	-AB	Yuvraj	Yuvraj	-AB	-AB



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


Co-ordinator

HOD