Education through self-help is our motto- Karmaveer
Rayat Shikshan Sanstha's
Dr. Patangrao Kadam Mahavidyalaya Ramanandnagar (Burli)

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Department Of BCA
Report on
Value Added Course
Artificial Intelligence (AI)

Date: 08/01/2026

The Department of BCA, Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli), in collaboration with IQAC, successfully organized a Value Added Course on "Artificial Intelligence (AI)" from 01 December 2025 to 07 January 2026**.** The course received an excellent response from BCA students, with a total of 51 students registering for the program.

The primary aim of this course was to introduce students **to** AI tools, data analysis, visualization techniques, and practical project development**,** enabling them to understand and apply modern technology in real-world scenarios.

The introduction and welcome of the program were delivered by Miss Kadam A. P. The program was inaugurated by the Chief Guest, I/C Principal Dr. Patil U. V.**,** along with HOD Prof. Borade N. S. The Resource Person for the course was Prof.B.D. Patil**,** Program Manager for "Artificial Intelligence (AI)."In her presidential address**,** Hon. I/C Principal Dr. Patil U. V. motivated and encouraged the students to actively participate in the training and highlighted the importance of AI skills in the modern digital world.

The Vote of Thanks was proposed by Miss.Satape.A.A, expressing gratitude towards all dignitaries, coordinators, resource persons, and participants for contributing to the success of the program.

PROGRAM OUTCOMES
- Students understand the fundamentals of data analysis and visualization using Python.
- Students gain the ability to work with NumPy, Pandas, and Matplotlib for data handling and graph creation.
- Students learn to use platforms like Google Colab, Teachable Machine, Hugging Face, and AutoDraw to build simple AI models.

Beneficiaries:
51 Students

Prof. Kadam A.P **Prof. Satape A.A** **Prof.Borade N.S**   **Principal**

(Co-coordinator) **(Chairman)** **(HOD)**   **(Dr. Patangrao kadam Mahavidyalaya,**

                     Rnagar (Burli))

Rayat Shikshan Sanstha's

Dr. Patangrao kadam Mahavidyalaya Ramanandnagar (Burli)
Department of BCA
Value Added Course- 2025-2026
Artificial Intelligence (AI)

Notice

Date: 28/11/2025

      The faculty members of the department are kindly informed that the departmental meeting will be held on 29/11/2025 at 3:30 PM in the department staff room. All members are requested to attend.

Agenda for Departmental Meeting
Date: 29/11/2025
Time: 3:30 PM
Venue: Department Staff Room

1. Discussion on the Value-Added Course starting from December.
2. Discussion regarding the notice to be issued to students.
3. Discussion on the intake capacity of the course.
4. Preparation of a 30-day timetable.
5. Distribution of syllabus.

Member:-

Prof. Kadam A.P   *Kadam*.
Prof. Shinde M.V   *Shinde*

Chairman
(Ms.Satape A.A)

Head of Dept.
Department of BCA
Dr. Patangrao Kadam Mahavidhyalaya,
Ramanandnagar (Burli)

Rayat Shikshan Sanstha's

Dr. Patangrao Kadam Mahavidyalaya Ramanandnagar (Burli)

Value Added Course- 2025-2026

Artificial Intelligence (AI)

MEETING MINUTES

Date: 29/11/2025

A department meeting was conducted on **29/11/2025 at 3:30 PM** under the guidance of the **Head of Department**. All faculty members were present for the meeting. The main agenda of the meeting was to discuss the introduction of a **30-day Value Added Course on Artificial Intelligence (AI)** in the **Department of BCA**.

After detailed discussion, the department has decided to start a **Value Added Course – "30 Days -Artificial Intelligence (AI)"** from **01/12/2025**.Additionally, the syllabus for the course has been finalized, and the timetable for the course has been prepared.

Head of Department

Head of Dept.
Department of BCA
Dr. Patangrao Kadam Mahavidhyalaya,
Ramanandnagar (Burli)

Date: 29/11/2025

Notice

All the students are hereby informed that the **BCA Department** is organizing a **Value Added Course on "Artificial Intelligence (AI)"** from **01.12.2025** to **07.01.2026**. This course aims to enhance students' knowledge and practical skills in the emerging field of Artificial Intelligence.

All BCA students are advised to attend and make the most of this valuable opportunity.

Head of Department
Head of Dept.
Department of BCA
Dr. Patangrao Kadam Mahavidhyalaya,
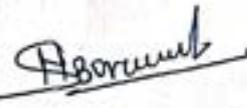Ramanandnagar (Burli)

PROGRAM OUTCOMES

- Students understand the fundamentals of **data analysis and visualization** using Python.
- Students gain the ability to work with **NumPy, Pandas, and Matplotlib** for data handling and graph creation.
- Students develop the skill to create **AI-based mini-projects** using beginner-friendly tools.
- Students learn to use platforms like **Google Colab, Teachable Machine, Hugging Face, and AutoDraw** to build simple AI models.
- Students become capable of analyzing data, drawing conclusions, and presenting insights visually.
- Students enhance creative thinking by developing hands-on **AI project work**.
- Students build confidence in applying AI tools and Python libraries in real-world situations.

COURSE OUTCOMES

- Ability to understand and explain basic concepts of **data, arrays, and numerical operations**.
- Ability to handle, organize, clean, and analyze data using **Pandas and NumPy**.
- Ability to create different types of **visualizations** and interpret graphical data.
- Ability to customize graphs for better clarity, presentation, and communication.
- Ability to use **Google Colab** for running AI/ML Python code online.
- Ability to train simple machine-learning models using **Teachable Machine** (image, audio, pose).
- Ability to explore pre-trained models using **Hugging Face** for NLP, image, or audio tasks.
- Ability to create AI-assisted drawings and illustrations using **AutoDraw**.
- Ability to apply all skills in developing a **final AI-based project**.

LEARNING OUTCOMES

- Understand the basics of data and how it is used for analysis.
- Work efficiently with **NumPy arrays** for numerical operations.
- Use **Pandas DataFrames** to organize, clean, and analyze data.
- Create meaningful charts and graphs using **Matplotlib**.
- Customize visualizations to improve clarity and presentation.
- Use **Google Colab** to run Python code and AI models online.
- Train simple machine-learning models using **Teachable Machine** without coding.
- Explore and run pre-trained AI models from **Hugging Face**.
- Use **AutoDraw** to create AI-assisted drawings from sketches.
- Apply all learned skills to create a complete **AI-based project**.

Head of Dept.
Department of BCA
Dr. Patangrao Kadam Mahavidhyalaya,
Ramanandnagar (Burli)

Duration-30 hrs.

Syllabus

Artificial Intelligence (AI)

1. Data Analysis and Visualization with Python

1.1 Introduction to Data and NumPy
1.2 NumPy – Working with Numbers Easily
1.3 Pandas – Organizing Data Like Tables
1.4 What is Data Visualization?
1.5 Matplotlib – Drawing Graphs with Python
1.6 Customizing Graphs for Better Understanding

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2. Project Development Using AI

2.1 Google Colab
2.2 Teachable Machine (Google)
2.3 Hugging Face
2.4 AutoDraw (by Google)

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3. Project Work: Project Development Using AI

Hands on Practical

Practical. No	Practical name
1.	NumPy Exmple:Analyzing Daily Sales
2.	Activity : Add Two Arrays of daily sales
3.	Case Study : Check village Temperature
4.	Analyze Sales Data with Pandas
5.	Activity: Explore Your Mini Shop Data With Pandas
6.	Visualize shop sales using a bar chart
7.	Visualize monthly income using a line chart
8.	Expense breakdown for a student
9.	Train a model to recognize two types of hand signs(e.g. thumbs up vs thumbs down)
10.	Example for Hugging Face (image-to-text prompt)
11.	Project
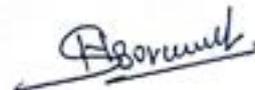
Head of Dept.
Department of BCA
Dr. Patangrao Kadam Mahavidhyalaya,
Ramanandnagar (Burli)

Rayat Shikshan Sanstha's
Dr. Patangrao kadam Mahavidyalaya Ramanandnagar (Burli)
Department of BCA
Value Added Course- 2025-2026
Artificial Intelligence (AI)

Value Added Course Registration Details

	A	B	C	D
1	Timestamp	Name of the Student	Class	Roll No
2	2025/11/29 1	Atharv	Bca	32
3	2025/11/29 1	Madhura Dinkar Jadhav	BCA III	17349
4	2025/11/29 1	Ramapati Umashankar Singh	BCA - III	2547
5	2025/11/29 1	Sujal Deepak Davang	BCA III	3
6	2025/11/29 3	Dhebe Mayuri janu	BCA 3	2505
7	2025/11/30 7	Dipali Balaso Sargar	BCA(III)	17337
8	2025/11/30 1	Ankita	BCA III	2534
9	2025/11/30 1	Prathamesh Ashok Jagadale.	Bca 3	2519
10	2025/12/01 1	Rohit shivaji jadhav	BCA 3 rd year	2515
11	2025/12/01 1	Kaushal	BCA 3	17368
12	2025/12/01 1	Vishal dhebe	BCA iii	2506
13	2025/12/01 1	Shivam sunil nalawade	Bca 3rd year	2532
14	2025/12/01 1	Purva Sandip Mane	BCA-III	2529
15	2025/12/01 3	Prathamesh Ashok jagadale	Bca3	2519
16	2025/12/01 4	Utkarsh	BCA3	182939
17	2025/12/01 6	Sanika shivade	Bca III	2546
18	2025/12/01 7	Harshad Gurav	Bca iii	2507
19	2025/12/03 1	Pranjali Maruti Ingale	BCA 3	2509
20	2025/12/03 1	Shreya Dilip Sadamate	Bca-III	2541
21	2025/12/03 1	Bhumika Vinod Jadhav	BCA-III	2510
22	2025/12/03 1	Kashish Abdulla Nadaf	BCA III	2531
23	2025/12/03 1	Nayan Nandkumar Maske	BCA 3	2530
24	2025/12/03 1	Dipali Balaso Sargar	BCA(III)	17337

Rayat Shikshan Sanstha's
Dr. Patangrao kadam Mahavidyalaya Ramanandnagar (Burli)
Department of BCA
Value Added Course- 2025-2026
Artificial Intelligence (AI)

Student List

Roll No.	Name of the Student
2501	BHOSALE SAKSHI DINKAR
2502	BHOSALE KOMAL VIKAS
2503	DAVANG SUJAL DEEPAK
2504	DESHMUKH VIDULA BHALACHANDRA
2505	DHEBE MAYURI JANU
2506	DHEBE VISHAL JANU
2507	GURAV HARSHAD NILESH
2508	HARUGADE SANIKA SACHIN
2509	INGALE PRANJALI MARUTI
2510	JADHAV BHUMIKA VINOD
2511	JADHAV MADHURA DINKAR
2512	JADHAV NIKHIL ANKUSH
2513	JADHAV PRATIK ANANDA
2514	JADHAV RAJVARDHAN DATTATRAY
2515	JADHAV ROHIT SHIVAJI
2516	JADHAV SAURABH VINAYAK
2517	JADHAV VAIBHAV SANJAY
2518	JAGADALE MAYUR SURESH
2519	JAGADALE PRATHAMESH AKSHOK
2520	KADAM SUDESH VISHWAS
2521	KHUBIKAR SHREEYASH SANDEEP

2522	KULKARNI ATHARV SANDIP
2523	KUMBHAR SANKET DIPAK
2524	LAD ADITYA BHAGWAN
2525	LONDHE MANJUSHA AMIT
2526	MAID KRUSHNA SURESH
2527	MAKANDAR INZMAM AKILAHMAD
2528	MANE ONKAR SANJAY
2529	MANE PURVA SANDIP
2530	MASKE NAYAN NANDKUMAR
2531	NADAF KASHISH ABDULLA
2532	NALAWADE SHIVAM SUNIL
2533	PATIL ANJALI ARJUN
2534	PATIL ANKITA HANMANT
2535	PATOLE NAYAN SUNIL
2536	PAWAR YASH KIRAN
2537	PAWAR AMAR PRAKASH
2538	PAWAR PRATIK RAMCHANDRA
2539	RAJMANE YASHRAJ SANJAYKUMAR
2540	RAKSHE PRATHAMESH SHANKAR
2541	SADAMATE SHREYA DILIP
2542	SARGAR DIPALI BALASO
2543	SAWANT SHRIRAM POPAT
2544	SHIKALGAR ANSAR ASLAM
2545	SHINGATE SANIKA DIPAK
2546	SHIVADE SANIKA MARUTI

2547	SINGH RAMAPATI UMASHANKAR
2548	SOLAPURE AASIF DASTAGIR
2549	TEKE KAUSHAL SACHIN
2550	YADAV AISHWARYA DATTATRAY
2551	YADAV SANKET SANJAY

Head of Department
Head of Dept.
Department of BCA
Dr. Patangrao Kadam Mahavidhyalaya,
Ramanandnagar (Burli)

Rayat Shikshan Sanstha's

Dr. Patangrao kadam Mahavidyalaya Ramanandnagar (Burli)

Department of BCA

Value Added Course- 2025-2026

Artificial Intelligence (AI) (30 Hours)

Attendance Sheet

Month: December

Time: 10.00 am to 11.00 am

Sr. NO	Name of Student	Date 1|12|25	Date 3|12|25	Date 4|12|25	Date 5|12|25	Date 6|12|25	Date 8|12|25	Date 9|12|25	Date 10|12|25	Date 11|12|25	Date 12|12|25	Date 13|12|25	Date 15|12|25
1	BHOSALE SAKSHI DINKAR	SB	SB	SB	SB	SB	AB	SB	SB	SB	SB	SB	SB
2	BHOSALE KOMAL VIKAS	Komal	Komal	Komal	Komal	Komal	Komal	Komal	Komal	Komal	Komal	Komal	Konal
3	DAVANG SUJAL DEEPAK												
4	DESHMUKH VIDULA BHALACHANDRA	AB	V.B.P	V.B.D	V.B.P	V.B.P	V.B.D	V.B.D	V.B.P	AB	V.B.D	V.B.P	V.B.P
5	DHEBE MAYURI JANU	MDJ	MDJ	MDJ	MDJ	MDJ	MDJ	MDJ	MDJ	MDJ	MDJ	MDJ	MDJ
6	DHEBE VISHAL JANU	VDJ	VDJ	VDJ	VDJ	VDJ	VDJ	VDJ	VDJ	VDJ	VDJ	VDJ	VDJ
7	GURAV HARSHAD NILESH												
8	HARUGADE SANIKA SACHIN	SSH	AB	S.S.H	S.S.H	S.S.H	S.S.H	S.S.H	S.S.H	S.S.H	S.S.H	S.S.H	S.S.H
9	INGALE PRANJALI MARUTI	Ingale	Ingale	Ingale	Ingale	Ingale	Ingale	Ingale	Ingale	Ingale	Ingale	Ingale	Ingale
10	JADHAV BHUMIKA VINOD	Bjadhav	Bjadhav	Bjadhav	Bjadhav	Bjadhav	Bjadhav	Bjadhav	Bjadhav	Bjadhav	Bjadhav	Bjadhav	Bjadhav
11	JADHAV MADHURA DINKAR	MJadhav	MJadhav	MJadhav	MJadhav	MJadhav	MJadhav	MJadhav	MJadhav	MJadhav	MJadhav	MJadhav	MJadhav
12	JADHAV NIKHIL ANKUSH							AB					
13	JADHAV PRATIK ANANDA	Pradhav	Pradhav	Pradhav	Pradhav	Pradhav	Pradhav	Pradhav	Pradhav	Pradhav	Pradhav	Pradhav	Pjadhav
14	JADHAV RAJVARDHAN DATTATRAY	RDJ	RDJ	RDJ	RDJ	RDJ	RDJ	RDJ	RDJ	RDJ	RDJ	RDJ	AB

No.	Name											
15	JADHAV ROHIT SHIVAJI	R.S.J.	R.S.J	R.S.J	R.S.J	R.S.J	AB		R.S.J	R.S.J	R.S.J	R.S.J	R.S.J
16	JADHAV SAURABH VINAYAK	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav
17	JADHAV VAIBHAV SANJAY	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav
18	JAGADALE MAYUR SURESH	Mayur	Mayur	Mayur	Mayur	Mayur	Mayur	Mayur	Mayur	Mayur	Mayur	AB
19	JAGADALE PRATHAMESH AKSHOK	(sign)	(sign)	(sign)	(sign)	(sign)	(sign)	(sign)	(sign)	(sign)	AB	(sign)	(sign)
20	KADAM SUDESH VISHWAS	AB	Sun.	Sun	Sun	Sun	Sun	Sun	Sun	Sun.	Sun.	Sun.	Sun
21	KHUBIKAR SHREEYASH SANDEEP	(sign)	(sign)	(sign)	(sign)	(sign)	(sign)	(sign)	(sign)	(sign)	(sign)	(sign)	(sign)
22	KULKARNI ATHARV SANDIP	Kulkarni	Kulkarni	Kulkarni	Kulkarni	Kulkarni	Kulkarni	Kulkarni	Kulkarni	Kulkarni	Kulkarni	Kulkarni	AB
23	KUMBHAR SANKET DIPAK	KSD	KSD	KS.D	AB	K.S.D	KS.D	KSD	KSD	KSD	KSD	K.S.D
24	LAD ADITYA BHAGWAN	A.B.L	A.B.L	A.B.L	A.B.L	A.B.L	A.B.L	A.B.L	A.B.L	A.B.L	A.B.L	A.B.L	A.B.L
25	LONDHE MANJUSHA AMIT	MLondhe	MLondhe	MLondhe	MLondhe	MLondhe	MLondhe	MLondhe	MLondhe	MLondhe	MLondhe	MLondhe	MLondhe
26	MAID KRUSHNA SURESH	Kishna	Kishna	Kishna	Kishna	Kishna	Kishna	Kishna	Kishna	Kishna	Kishna	Kishna
27	MAKANDAR INZMAM AKILAHMAD	AB	Inzu	Inz.	Inzu	Rm	Rm	AB	Rm	Rm	Rm	Rm	Rm
28	MANE ONKAR SANJAY	(sign)	(sign)	(sign)	(sign)	(sign)	(sign)	(sign)	(sign)	(sign)	(sign)	(sign)	(sign)
29	MANE PURVA SANDIP	(sign)	(sign)	(sign)	(sign)	(sign)	(sign)	(sign)	(sign)	(sign)	(sign)	(sign)	(sign)
30	MASKE NAYAN NANDKUMAR	Maske	Maske	Maske	Maske	Maske	Maske	Maske	Maske	Maske	Maske	Maske
31	NADAF KASHISH ABDULLA	Nadaf	Nadaf	Nadaf	Nadaf	Nadaf	Nadaf	Nadaf	Nadaf	Nadaf	Nadaf	Nadaf
32	NALAWADE SHIVAM SUNIL	(sign)	(sign)	(sign)	(sign)	(sign)	(sign)	(sign)	(sign)	(sign)	(sign)	(sign)	(sign)
33	PATIL ANJALI ARJUN	Anjali	Anjali	Anjali	Anjali	Anjali	Anjali	Anjali	Anjali	Anjali	Anjali	Anjali
34	PATIL ANKITA HANMANT	ABli	ABli	ABli	ABli	ABli	ABli	ABli	ABli	ABli	ABli	ABN	ABN
35	PATOLE NAYAN SUNIL	Nayan	Nayan	Nayan	Nayan	Nayan	Nayan	Nayan	Nayan	Nayan	Nayan	Nayan	Nayan

36	PAWAR YASH KIRAN	AB	*sign*	*sign*	*sign*	*sign*	*sign*	AB	*sign*	*sign*	*sign*	*sign*	*sign*
37	PAWAR AMAR PRAKASH	*sign*	*sign*	*sign*	*sign*	*sign*	AB	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*
38	PAWAR PRATIK RAMCHANDRA	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*
39	RAJMANE YASHRAJ SANJAYKUMAR	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	AB	*sign*	*sign*	*sign*
40	RAKSHE PRATHAMESH SHANKAR	*sign*	AB	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	AB
41	SADAMATE SHREYA DILIP	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*
42	SARGAR DIPALI BALASO	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*
43	SAWANT SHRIRAM POPAT	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*
44	SHIKALGAR ANSAR ASLAM	*sign*	*sign*	*sign*	*sign*	*sign*	AB	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*
45	SHINGATE SANIKA DIPAK	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*
46	SHIVADE SANIKA MARUTI	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*
47	SINGH RAMAPATI UMASHANKAR	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*
48	SOLAPURE AASIF DASTAGIR	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*
49	TEKE KAUSHAL SACHIN	*sign*	*sign*	*sign*	*sign*	AB	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*
50	YADAV AISHWARYA DATTATRAY	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*
51	YADAV SANKET SANJAY	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	*sign*	AB	*sign*	*sign*

Attendance Sheet

Month: Time: 10.00 am to 11.00 am

Sr. NO	Name of Student	Date 16/12/25	Date 17/12/25	Date 18/12/25	Date 19/12/25	Date 20/12/25	Date 22/12/25	Date 23/12/25	Date 26/12/25	Date 27/12/25	Date 29/12/25	Date 30/12/25	Date 31/12/25
1	BHOSALE SAKSHI DINKAR	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB	SB
2	BHOSALE KOMAL VIKAS	komal	komal	komal	komal	komal	komal	komal	komal	komal	komal	komal	komal
3	DAVANG SUJAL DEEPAK	Su	Su	Su	Su	Su	Su	Su	Su	Su	Su	Su	Su
4	DESHMUKH VIDULA BHALACHANDRA	V.B.P	V.B.P	V.B.D	V.B.P	AB	V.B.P	V.B.P	VB.P	V.B.P	V.B.P	V.B.P	V.B.D
5	DHEBE MAYURI JANU	MDJ	MDJ	MDJ	MDJ	MDJ	MDJ	MDJ	MDJ	MDJ	MDJ	MDJ	MDJ
6	DHEBE VISHAL JANU	VDJ	VDJ	VDJ	VDJ	VDJ	VDJ	VDJ	VDJ	AB	VDJ	VDJ	VDJ
7	GURAV HARSHAD NILESH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
8	HARUGADE SANIKA SACHIN	SSH	SSH	SSH	SSH	SSH	SSH	SSH	SSH	SSH	SSH	SSH	SSH
9	INGALE PRANJALI MARUTI	Pingale	Pingale	Pingale	Pingale	Pingale	Pingale	Pingale	Pingale	Pingale	Pingale	Pingale	Pingale
10	JADHAV BHUMIKA VINOD	Bhoshu	Bhoshu	Bhoshu	Bhoshu	Bhoshu	Bhoshu	Bhoshu	Bhoshu	Bhoshu	Bhoshu	Bhoshu	Bhoshu
11	JADHAV MADHURA DINKAR	MJadhu	MJadhu	MJadhu	MJadhu	MJadhu	MJadhu	MJadhu	MJadhu	MJadhu	MJadhu	MJadhu	MJadhu
12	JADHAV NIKHIL ANKUSH	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ	NJ
13	JADHAV PRATIK ANANDA	Padhav	Padhav	Padhav	Padhav	Padhav	Padhav	Padhav	Padhav	Padhav	Padhav	AB	Padhav
14	JADHAV RAJVARDHAN DATTATRAY	RDJ	RDJ	RDJ	RDJ	RDJ	RDJ	RDJ	RDJ	RDJ	RDJ	RDJ	RDJ
15	JADHAV ROHIT SHIVAJI	R.B.J	R.S.J	R.S.J	R.S.J	R.S.J	R.S.J	R.S.J	R.S.J	R.S.J	R.S.J	R.S.J	R.S.J
16	JADHAV SAURABH VINAYAK	Jadhav	AB	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav
17	JADHAV VAIBHAV SANJAY	Vjadhav	Vjadhav	Vjadhav	Vjadhav	Vjadhav	Vjadhav	AB	Vjadhav	Vjadhav	Vjadhav	Vjadhav	Vjadhav

No.	Name												
18	JAGADALE MAYUR SURESH			AB								
19	JAGADALE PRATHAMESH AKSHOK											
20	KADAM SUDESH VISHWAS						AB				AB	
21	KHUBIKAR SHREEYASH SANDEEP											
22	KULKARNI ATHARV SANDIP											
23	KUMBHAR SANKET DIPAK											
24	LAD ADITYA BHAGWAN		AB									AB
25	LONDHE MANJUSHA AMIT								AB			
26	MAID KRUSHNA SURESH											
27	MAKANDAR INZMAM AKILAHMAD				AB					AB		
28	MANE ONKAR SANJAY											
29	MANE PURVA SANDIP											
30	MASKE NAYAN NANDKUMAR											
31	NADAF KASHISH ABDULLA			AB								
32	NALAWADE SHIVAM SUNIL											
33	PATIL ANJALI ARJUN											
34	PATIL ANKITA HANMANT											
35	PATOLE NAYAN SUNIL											
36	PAWAR YASH KIRAN								AB			
37	PAWAR AMAR PRAKASH											
38	PAWAR PRATIK RAMCHANDRA										AB	

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No.	Name											
39	RAJMANE YASHRAJ SANJAYKUMAR	*signature*	AB	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*
40	RAKSHE PRATHAMESH SHANKAR	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*
41	SADAMATE SHREYA DILIP	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*
42	SARGAR DIPALI BALASO	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*
43	SAWANT SHRIRAM POPAT	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*
44	SHIKALGAR ANSAR ASLAM	*signature*	*signature*	*signature*	*signature*	*signature*	A.B	*signature*	*signature*	*signature*	*signature*	*signature*	A.B
45	SHINGATE SANIKA DIPAK	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*
46	SHIVADE SANIKA MARUTI	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*
47	SINGH RAMAPATI UMASHANKAR	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*
48	SOLAPURE AASIF DASTAGIR	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*
49	TEKE KAUSHAL SACHIN	*signature*	*signature*	AB	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*
50	YADAV AISHWARYA DATTATRAY	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*
51	YADAV SANKET SANJAY	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	*signature*	A.B	*signature*	*signature*	*signature*	*signature*

Attendance Sheet

Month: **Time:** 10.00 am to 11.00 am

Sr. NO	Name of Student	Date 01/01/2026	Date 2/01/2026	Date 03/01/2026	Date 05/01/2026	Date 06/01/2026	Date 07/01/2026
1	BHOSALE SAKSHI DINKAR	SB	SB	SB	SB	AB	SB
2	BHOSALE KOMAL VIKAS	Komal	Komal	Komal	Komal	komal	Komal
3	DAVANG SUJAL DEEPAK						
4	DESHMUKH VIDULA BHALACHANDRA	V.B.P.	AB	V.B.P	V.B.P	V.B.P	V.B.P.
5	DHEBE MAYURI JANU	MDJ	MDJ	MDJ	MDJ	MDJ	MDJ
6	DHEBE VISHAL JANU	VDJ	VDJ	VDJ	VDJ	VDJ	VDJ
7	GURAV HARSHAD NILESH				AB		
8	HARUGADE SANIKA SACHIN	SSH	SSH	SSH	SSH	SSH	SSH
9	INGALE PRANJALI MARUTI	Pingale	Pingale	Pingale	Pingale	Pingale	Pingale
10	JADHAV BHUMIKA VINOD	BJadhv	BJadhv	BJadhv	BJadhv	BJadhv	BJadhv
11	JADHAV MADHURA DINKAR	MJadhav	MJadhav	MJadhav	MJadhav	MJadhav	MJadhav
12	JADHAV NIKHIL ANKUSH						
13	JADHAV PRATIK ANANDA	PJadhav	PJadhav	PJadhav	PJadhav	PJadhav	PJadhav
14	JADHAV RAJVARDHAN DATTATRAY	RDJ	RDJ	RDJ	RDJ	RDJ	RDJ
15	JADHAV ROHIT SHIVAJI	R.S.J	R.S.J	R.S.J	R.S.J	R.S.J	R.S.J
16	JADHAV SAURABH VINAYAK	Jadhav	AB	Jadhav	Jadhav	Jadhav	Jadhav
17	JADHAV VAIBHAV SANJAY	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav
18	JAGADALE MAYUR SURESH	mayur	mayur	mayur	mayur	mayur	AB

19	JAGADALE PRATHAMESH AKSHOK						
20	KADAM SUDESH VISHWAS	A B	Suu.	Suu.	suu.	Suu.	Suu.
21	KHUBIKAR SHREEYASH SANDEEP						AB
22	KULKARNI ATHARV SANDIP			A.B			AB
23	KUMBHAR SANKET DIPAK						
24	LAD ADITYA BHAGWAN	A.B.L	A.B.L	A.B.L	A.B.L	A.B.L	
25	LONDHE MANJUSHA AMIT	Mlondhe	Mlondhe	Mlondhe	Mlondhe	Mlondhe	Mlondhe
26	MAID KRUSHNA SURESH						
27	MAKANDAR INZMAM AKILAHMAD			AB			
28	MANE ONKAR SANJAY	S.man8	S.man8	S.man8	S.man8	AB	S.man8
29	MANE PURVA SANDIP						
30	MASKE NAYAN NANDKUMAR	maske	Maske	Maske	Maske	Maske	Maske
31	NADAF KASHISH ABDULLA						
32	NALAWADE SHIVAM SUNIL	A B	SN	SN	SN	SN	SN
33	PATIL ANJALI ARJUN		Anjali	Anjali	Anjali		Anjali
34	PATIL ANKITA HANMANT		ABbil.				
35	PATOLE NAYAN SUNIL	Nauu	Nauu	Nauu	Nauu	Nauu	Nauu.
36	PAWAR YASH KIRAN	Yosh	Yosh	Yosh	Yosh	Yosh	Yosh .
37	PAWAR AMAR PRAKASH						
38	PAWAR PRATIK RAMCHANDRA				AB		
39	RAJMANE YASHRAJ SANJAYKUMAR						
40	RAKSHE PRATHAMESH SHANKAR		AB				

41	SADAMATE SHREYA DILIP	SDS	SDS	SDS	SDS	SDS	SDS
42	SARGAR DIPALI BALASO	Dargre	Dargre	Dargre	Dargre	Dargre	Dargre
43	SAWANT SHRIRAM POPAT	Shant	A.B	Shant	Shant	Shant	Shant
44	SHIKALGAR ANSAR ASLAM	S	S	S	S	S	S
45	SHINGATE SANIKA DIPAK	Sanib.	Sanib.	Sanib.	Sanib.	Sanib.	Sanib.
46	SHIVADE SANIKA MARUTI	Sanika	Sanika	Sanika	Sanika	Sanika	Sanika
47	SINGH RAMAPATI UMASHANKAR	Rusingh	Rusingh	Rusingh	Rusingh	Rusingh	Rusingh
48	SOLAPURE AASIF DASTAGIR	Ausif	Ausif	Ausif	Ausif	Ausif	A.B
49	TEKE KAUSHAL SACHIN	KSTake	KSTake	KSTake	KSTake	KSTake	KSTake
50	YADAV AISHWARYA DATTATRAY	AYad	AYad	AYad	AYad	AYad	AYad
51	YADAV SANKET SANJAY	Sanket	Skent	Skent	A.B	Skiret	Sanket

Value Added Course- Artificial Intelligence (AI) Test

All Questions are compulsory

Total Marks: 40

*indicates required questions

Email *:--

1. Which Python library is mainly used for numerical computations? *   **2 point**

A) Pandas
B) NumPy
C) Matplotlib
D) Seaborn

2. Pandas mainly works with which type of data structure? *   **2 point**

A) Arrays
B) DataFrames
C) Tuples
D) Graphs

3. What is the full form of NumPy? *   **2 point**

A) Numerical Python
B) Number Program
C) Numeric Program
D) Numeric Python

4. Which function is used to read a CSV file in Pandas? *   **2 point**

A) Read_txt ()
B) read_csv()
C) load_csv()
D) open_csv()

5. Matplotlib is mainly used for _____ *   2 point

A) Web development
B) Machine learning
C) Data visualization
D) Database management

6. Which module from Matplotlib is commonly used to plot graphs? *   2 point

A) pyplot
B) graphplot
C) visualize
D) plotter

7. What is the purpose of Google Colab? *   2 point

A) Creating animations
B) Running Python code online
C) Designing websites
D) Data entry

8. Pandas Series is similar to: *   2 point

A) Dictionary
B) List
C) One-dimensional array
D) All of the above

9. Which of the following creates a NumPy array? *   2 point

A) np.create()
B) np.array()
C) np.list()
D) np.make()

10. Data visualization helps in: *

A) Hiding data
B) Understanding patterns
C) Slowing analysis
D) Formatting text

11. Which of these can be plotted using Matplotlib? *

A) Line graphs
B) Bar charts
C) Pie charts
D) All of the above

12. Teachable Machine is used for: *

A) Coding
B) Training ML models without coding
C) Drawing
D) Data entry

13. Hugging Face is popular for: *

A) Games
B) Deep learning & AI models
C) Graph drawing
D) Website hosting

14. Pandas DataFrame is: *

A) 1-dimensional
B) 2-dimensional
C) 3-dimensional
D) None

15. Which command shows the first 5 rows of a DataFrame? *   2 point

A) df.top()
B) df.head()
C) df.first()
D) df.start()

16. AutoDraw is an AI tool used for: *   2 point

A) Drawing sketches automatically
B) Translating languages
C) Creating 3D models
D) Coding websites

17. What is NumPy array also called? *   2 point

A) nd-array
B) np-list
C) numeric table
D) graph array

18. Which graph is best to show trends over time? *   2 point

A) Bar chart
B) Line graph
C) Pie chart
D) Scatter plot

19. The main advantage of Google Colab is: *   2 point

A) Offline use
B) Free GPU/TPU support
C) Only for text files
D) Paid platform

20. What does data visualization convert data into? * 2 point

A) Code
B) Visual charts/graphs
C) Tables only
D) Audio

Google Forms

Dr. Patangrao kadam Mahavidyalaya Ramanandnagar (Burli)
Department of BCA
Value Added Course- 2025-2026
Artificial Intelligence (AI)

Result

Sr. No	Name of Student	Result
1.	Patil Anjali Arjun	40/40
2.	Jadhav Bhumika Vinod	40/40
3.	Mane Purva Sandip	36/40
4.	Sadamate Shreya Dilip	38/40
5.	Shivade Sanika Maruti	38/40
6.	Singh Ramapati Umashankar	38/40
7.	Nadaf Kashish Abdulla	38/40
8.	Patil Ankita Hanmant	36/40
9.	Bhosale Komal Vikas	34/40
10.	Ingale Pranjali Maruti	34/40
11.	Jadhav Madhura Dinkar	34/40
12.	Maske Nayan Nandkumar	34/40
13.	Harugade Sanika Sachin	30/40
14.	Deshmukh Vidula Bhalachandra	34/40
15.	Shingate Sanika Dipak	34/40
16.	Nalawade Shivam Sunil	36/40
17.	Sargar Dipali Balaso	34/40
18.	Yadav Aishwarya Dattatray	34/40
19.	Bhosale Sakshi Dinkar	34/40
20.	Dhebe Mayuri Janu	34/40

21.	Londhe Manjusha Amit	34/40
22.	Kulkarni Atharv Sandip	30/40
23.	Kumbhar Sanket Dipak	30/40
24.	Lad Aditya Bhagwan	28/40
25.	Jadhav Rajvardhan Dattatray	30/40
26.	Maid Krushna Suresh	34/40
27.	Makandar Inzmam Akilahmad	28/40
28.	Mane Onkar Sanjay	34/40
29.	Davang Sujal Deepak	34/40
30.	Jadhav Nikhil Ankush	32/40
31.	Dhebe Vishal Janu	34/40
32.	Jadhav Saurabh Vinayak	34/40
33.	Jadhav Pratik Ananda	34/40
34.	Gurav Harshad Nilesh	34/40
35.	Yadav Sanket Sanjay	32/40
36.	Jagadale Mayur Suresh	34/40
37.	Pawar Amar Prakash	32/40
38.	Pawar Pratik Ramchandra	28/40
39.	Rajmane Yashraj Sanjaykumar	30/40
40.	Rakshe Prathamesh Shankar	30/40
41.	Khubikar Shreeyash Sandeep	30/40
42.	Jadhav Rohit Shivaji	32/40
43.	Sawant Shriram Popat	30/40
44.	Shikalgar Ansar Aslam	30/40
45.	Jadhav Vaibhav Sanjay	34/40
46.	Jagadale Prathamesh Akshok	32/40
47.	Teke Kaushal Sachin	32/40
48.	Solapure Aasif Dastagir	26/40
49.	Kadam Sudesh Vishwas	26/40

50.	Pawar Yash Kiran	26/40
51.	Patole Nayan Sunil	26/40

Dr. Patangrao kadam Mahavidyalaya Ramanandnagar (Burli)
Department of BCA
Value Added Course- 2025-2026
Artificial Intelligence (AI)

Time Table

Date	Name of Faculty	Time
01/12/2025	Mrs. Borade N.S	10.00AM To 11.00AM
03/12/2025	Mrs. Borade N.S	10.00AM To 11.00AM
04/12/2025	Mrs. Borade N.S	10.00AM To 11.00AM
05/12/2025	Mrs. Borade N.S	10.00AM To 11.00AM
06/12/2025	Mrs. Borade N.S	10.00AM To 11.00AM
08/12/2025	Mrs. Borade N.S	10.00AM To 11.00AM
09/12/2025	Mrs. Borade N.S	10.00AM To 11.00AM
10/12/2025	Ms. Kadam A.P	10.00AM To 11.00AM
11/12/2025	Ms. Kadam A.P	10.00AM To 11.00AM
12/12/2025	Ms. Kadam A.P	10.00AM To 11.00AM
13/12/2025	Ms. Kadam A.P	10.00AM To 11.00AM
15/12/2025	Ms. Kadam A.P	10.00AM To 11.00AM
16/12/2025	Ms. Kadam A.P	10.00AM To 11.00AM
17/12/2025	Ms. Kadam A.P	10.00AM To 11.00AM
18/12/2025	Ms. Kadam A.P	10.00AM To 11.00AM
19/12/2025	Ms. Satape A.A	10.00AM To 11.00AM
20/12/2025	Ms. Satape A.A	10.00AM To 11.00AM
22/12/2025	Ms. Satape A.A	10.00AM To 11.00AM
23/12/2025	Ms. Satape A.A	10.00AM To 11.00AM

26/12/2025	Ms. Satape A.A	10.00AM To 11.00AM
27/12/2025	Ms. Satape A.A	10.00AM To 11.00AM
29/12/2025	Ms. Satape A.A	10.00AM To 11.00AM
30/12/2025	Ms. Satape A.A	10.00AM To 11.00AM
31/12/2025	Ms. Shinde M.V	10.00AM To 11.00AM
01/01/2026	Ms. Shinde M.V	10.00AM To 11.00AM
02/01/2026	Ms. Shinde M.V	10.00AM To 11.00AM
03/01/2026	Ms. Shinde M.V	10.00AM To 11.00AM
05/01/2026	Ms. Shinde M.V	10.00AM To 11.00AM
06/01/2026	Ms. Shinde M.V	10.00AM To 11.00AM
07/01/2026	Ms. Shinde M.V	10.00AM To 11.00AM

Prof. Kadam A.P
(Co-coordinator)

Prof. Satape A.A
(Chairman)

Prof.Borade N.S
(Head of Department)
Head of Dept.
Department of SCA
Dr. Patangrao Kadam Mahavidhyalaya,
Ramanandnagar (Burli)

Rayat Shikshan Sanstha's
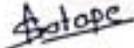
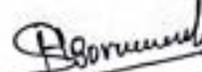# Dr. Patangrao Kadam Mahavidyalaya Ramanandnagar (Burli)

Department of BCA

Value Added Course 2025-2026

"Value Added Course- Artificial Intelligence (AI)"

CERTIFICATE

This is to certify that Shri. / Smt. ----- Patil Anjali Arjun ------------------------ of Dr. Patangrao Kadam

Mahavidyalaya Ramanandnagar (Burli) Participated Three Month's **Value-Added Course – "Artificial Intelligence

(AI)"** Organized by Department of BCA, from **01.12.2025 To 07.01.2026.**

(Ms. Satape A. A.)
Chairman

(Prof. Borade N.S.)
Head of Dept.

Principal
(Dr. Patangrao Kadam Mahavidyalaya Ramanandnagar (Burli))