

**BLDE ASSOCIATION'S
S.B. ARTS AND K.C.P. SCIENCE COLLEGE,
VIJAYAPUR**



**DEPARTMENT OF STATISTICS
SKILL DEVELOPMENT ACTIVITY
ON
“PROBLEM SOLVING”**

2023-24



B. L. D. E. ASSOCIATION'S
S. B. ARTS AND K. C. P. SCIENCE COLLEGE

BLDE New Campus, Shri B. M. Patil Road, Vijayapur-586103

Accredited with CGPA of 2.99 at 'B⁺⁺' Grade in 4th Cycle by NAAC

(Affiliated to Rani Channamma University, Belagavi)

Website: www.bldeasbkcp.ac.in E-mail: bldeasbkcp@gmail.com



Department of Statistics

CONTENT

1. NOTICE
2. PROGRAMME SCHEDULE
3. ATTENDANCE
4. REPORT

Dhorkar
26/07/24
H.O.D.

Department of Statistics
BLDEA's S. B. Arts & K.C.P.
Sci. College, Vijayapur.



B. L. D. E. ASSOCIATION'S
S. B. ARTS AND K. C. P. SCIENCE COLLEGE

BLDE New Campus, Shri B. M. Patil Road, Vijayapur-586103

Accredited with CGPA of 2.99 at 'B++' Grade in 4th Cycle by NAAC

(Affiliated to Rani Channamma University, Belagavi)

Website: www.bldeasbkcp.ac.in E-mail: bldeasbkcp@gmail.com



Date: 26/07/2024

Department of Statistics

NOTICE

This is informed to all the Statistics students of B Sc VI Semester that the Skill Development Activity on "Problem Solving" classes will commence from 29-07-2024 to 02-08-2024 for the academic year 2023-24. The classes will be conducted in Statistics Lab at 11.00 am to 12.00 pm.

Course Co-ordinator : Smt. Jayashree D Horakeri

Faculty Name : Ms. Shaila Naganoor

Contact No : 9900777949 / 8073814881

Email ID: j.horakeri@gmail.com / shaila.naganur078@gmail.com

Horakeri

H.O.D.

Department of Statistics
BLDEA's S. B. Arts & K.C.P.
Sci. College, Vijayapur



B. L. D. E. ASSOCIATION'S
S. B. ARTS AND K. C. P. SCIENCE COLLEGE

BLDE New Campus, Shri B. M. Patil Road, Vijayapur-586103

Accredited with CGPA of 2.99 at 'B⁺⁺' Grade in 4th Cycle by NAAC
(Affiliated to Rani Channamma University, Belagavi)

Website: www.bldeasbkcp.ac.in E-mail: bldeasbkcp@gmail.com



Department of Statistics

FIVE DAYS SCHEDULE FOR PROBLEM SOLVING SKILL

Sl. No	Date	Topic
1	29/07/2024	Creativity
2	30/07/2024	Research
3	31/07/2024	Communication
4	01/08/2024	Teamwork
5	02/08/2024	Decision Making

M. S. K.
H.O.D.

Department of Statistics
BLDEA's S. B. Arts & K.C.P.
Sci. College, Vijayapur.



B. L. D. E. ASSOCIATION'S
S. B. ARTS AND K. C. P. SCIENCE COLLEGE

BLDE New Campus, Shri B. M. Patil Road, Vijayapur-586103

Accredited with CGPA of 2.99 at 'B⁺⁺' Grade in 4th Cycle by NAAC

(Affiliated to Rani Channamma University, Belagavi)

Website: www.bldeasbkcp.ac.in E-mail: bldeasbkcp@gmail.com



Date : 01/08/2024

Department of Statistics

NOTICE

This is informed to all the Statistics students of B.Sc VI Semester that the Skill Development Activity on "Problem Solving". The Exam will be conducted on 03-08-2024. So the students have to attend the Exam at 11.00 am to 12.00 pm in Statistics Lab.

D. S. K.
H.O.D.

Department of Statistics
BLDEA's S. B. Arts & K.C.P.
Sci. College, Vijayapur.



B. L. D. E. ASSOCIATION'S
S. B. ARTS AND K. C. P. SCIENCE COLLEGE

BLDE New Campus, Shri B. M. Patil Road, Vijayapur-586103

Accredited with CGPA of 2.99 at 'B⁺⁺' Grade in 4th Cycle by NAAC

(Affiliated to Rani Channamma University, Belagavi)

Website: www.bldeasbkcp.ac.in E-mail: bldeasbkcp@gmail.com



Date: 03/08/2024

Report on Skill Development Activity

"Problem Solving"

The Department of Statistics organized Skill Development Activity for B.Sc VI semester students. Classes were conducted from 29/07/2024 to 02/08/2024. Through this course the students learnt various creative problems solving skills like-Creativity, Research, Communication, Teamwork and Decision Making.

The main objective of this activity was to promote and encourage the skills among the student's how to solve problems with critical thinking. This is highly required critical component of a student's journey toward personal and professional development. This contributes to holistic growth, employability, adaptability, problem solving abilities, self confidence and academic success in student's life.

Dhruv
31/08/24

H.O.D.

Department of Statistics
BLDEA's S. B. Arts & K.C.P.
Sci. College, Vijayapur.

IQAC, Co-ordinator
S.B.Arts & K.C.P Science College,
Vijayapur.

Principal,
S.B.Arts & KCP. Sc. College,
Vijayapur.



B. L. D. E. ASSOCIATION'S
S. B. ARTS AND K. C. P. SCIENCE COLLEGE

BLDE New Campus, Shri B. M. Patil Road, Vijayapur-586103

Accredited with CGPA of 2.99 at 'B++' Grade in 4th Cycle by NAAC

(Affiliated to Rani Channamma University, Belagavi)

Website: www.bldeasbkcp.ac.in E-mail: bldeasbkcp@gmail.com



ATTENDANCE

Sl. No	Register No	Name	29/7	30/7	31/7	1/8	2/8
1	U15KM21S0052	PRAMOD GURADDI	1	2	2	3	4
2	U15KM21S0069	RAVI K. MANAGULI	1	2	3	4	5
3	U15KM21S0071	MANOJ C. DINNI	1	2	3	3	4
4	U15KM21S0111	PREMA MAGADHARI	1	2	3	4	5
5	U15KM21S0138	NIRMALA YAMBATNAL	1	2	3	4	4
6	U15KM21S0153	CHANNAREDDI MALI PATIL	1	2	2	2	3
7	U15KM21S0170	VINOD C. NARASAREDDY	1	2	2	3	4
8	U15KM21S0183	MAAZ M. PENDARI	1	2	3	4	5
9	U15KM21S0214	SHASHIKANT K. HANCHINAL	1	1	2	2	3
10	U15KM21S0221	HARIPRASAD KULKARNI	1	2	3	4	5
11	U15KM21S0312	LAXMESH R. KHYADI	1	2	3	4	4
12	U15KM21S0325	RAJESHWARI PUJARI	1	2	2	3	4
13	U15KM21S0344	MOUNESHWAR B. BADIGER	1	2	3	4	5
14	U15KM21S0358	SANGEETA S. KOLAKAR	1	2	3	4	5
15	U15KM21S0365	POOJA V. KOLAKAR	1	2	3	4	5
16	U15KM21S0419	SAHANA M. DHANASHETTI	1	2	3	4	5
17	U15KM21S0420	SAKSHI	1	2	3	4	5

H.O.D.

Department of Statistics
BLDEA's S. B. Arts & K.C.P.
Sci. College, Vijayapur.

IQAC, Co-ordinator

S.B.Arts & K.C.P.Science College,
Vijayapur.

Principal,

S.B.Arts & K.C.P.Science College
VIJAYAPUR



**B. L. D. E. ASSOCIATION'S
S. B. ARTS AND K. C. P. SCIENCE COLLEGE**

BLDE New Campus, Shri B. M. Patil Road, Vijayapur-586103

Accredited with CGPA of 2.99 at 'B⁺⁺' Grade in 4th Cycle by NAAC

(Affiliated to Rani Channamma University, Belagavi)

Website: www.bldeasbkcp.ac.in E-mail: bldeasbkcp@gmail.com



EXAM ATTENDANCE

Sl. No	Register No	Name	Signature
1	U15KM21S0052	PRAMOD GURADDI	
2	U15KM21S0069	RAVI K. MANAGULI	
3	U15KM21S0071	MANOJ C. DINNI	
4	U15KM21S0111	PREMA MAGADHARI	
5	U15KM21S0138	NIRMALA YAMBATNAL	
6	U15KM21S0153	CHANNAREDDI MALI PATIL	
7	U15KM21S0170	VINOD C. NARASAREDDY	
8	U15KM21S0183	MAAZ M. PENDARI	
9	U15KM21S0214	SHASHIKANT K. HANCHINAL	
10	U15KM21S0221	HARIPRASAD KULKARNI	
11	U15KM21S0312	LAXMESH R. KHYADI	
12	U15KM21S0325	RAJESHWARI PUJARI	
13	U15KM21S0344	MOUNESHWAR B. BADIGER	
14	U15KM21S0358	SANGEETA S. KOLAKAR	
15	U15KM21S0365	POOJA V. KOLAKAR	
16	U15KM21S0419	SAHANA M. DHANASHETTI	
17	U15KM21S0420	SAKSHI	

H.O.D.

Depart.ment of Statistics
BLDEA's S. B. Arts & K.C.P.
Sci. College, Vijayapur.

IQAC, Co-ordinator
S.B.Arts & K.C.P.Science College,
Vijayapur.

Principal,
S.B.Arts and KCP Science Colleg
VIJAYAPUR



B. L. D. E. ASSOCIATION'S
S. B. ARTS AND K. C. P. SCIENCE COLLEGE

BLDE New Campus, Shri B. M. Patil Road, Vijayapur-586103

Accredited with CGPA of 2.99 at 'B++' Grade in 4th Cycle by NAAC

(Affiliated to Rani Channamma University, Belagavi)

Website: www.bldeasbkcp.ac.in E-mail: bldeasbkcp@gmail.com



MARKS LIST

Sl. No	Register No	Name	Marks
1	U15KM21S0052	PRAMOD GURADDI	13
2	U15KM21S0069	RAVI K. MANAGULI	15
3	U15KM21S0071	MANOJ C. DINNI	14
4	U15KM21S0111	PREMA MAGADHARI	15
5	U15KM21S0138	NIRMALA YAMBATNAL	13
6	U15KM21S0153	CHANNAREDDI MALI PATIL	13
7	U15KM21S0170	VINOD C. NARASAREDDY	13
8	U15KM21S0183	MAAZ M. PENDARI	13
9	U15KM21S0214	SHASHIKANT K. HANCHINAL	13
10	U15KM21S0221	HARIPRASAD KULKARNI	15
11	U15KM21S0312	LAXMESH R. KHYADI	13
12	U15KM21S0325	RAJESHWARI PUJARI	14
13	U15KM21S0344	MOUNESHWAR B. BADIGER	15
14	U15KM21S0358	SANGEETA S. KOLAKAR	15
15	U15KM21S0365	POOJA V. KOLAKAR	15
16	U15KM21S0419	SAHANA M. DHANASHETTI	15
17	U15KM21S0420	SAKSHI	15

H.O.D.

Department of Statistics
BLDEA's S. B. Arts & K.C.P.
Sci. College, Vijayapur.

IQAC, Co-ordinator
S.B.Arts & K.C.P.Science College,
Vijayapur.

Principal,
S.B.Arts and KCP Science College,
VIJAYAPUR

Skill Development Programme on Problem Solving

Introduction:

Problem solving is a fundamental skill in both personal and professional life. It involves finding solutions to challenges and overcoming obstacles. Developing problem solving skill enhances critical thinking and creativity.

1. Creativity

- Create processes to improve workflow and reduce costs.
- Brainstorm ideas to develop new products or service for a company.
- Develop strategies to increase customer loyalty and satisfaction.
- Leverage technology to create more efficient processes and systems.
- Analyze data to identify trends and opportunities for improvement.

2. Research

- Identify new markets or customer segments to target.
- Gather information about competitors and their products/services.
- Stay up to date on industry news and developments.
- Evaluate potential partners, vendors, or products before purchasing.
- Analyze past performance in order to make projections for the future.

3. Communication

- Clarify goals and make sure that everyone is on the same page.
- Resolve conflicts quickly and efficiently.
- Promote collaboration among team members by fostering trust and respect.
- Allow employees to exchange feedback regularly.
- Provide recognition and appreciation to team members.

4. Teamwork

- Foster an environment of open communication, feedback, and growth.
- Utilize the strengths of individual team members to achieve a common goal.
- Develop trust, respect, and camaraderie among team members.
- Promote a culture of accountability and ownership for projects.
- Encourage creativity, risk-taking, and an atmosphere of experimentation.

5. Decision Making

- Use feedback constructively to make better decisions in the future.
- Take risks when necessary while being aware of the potential consequences.
- Learn from mistakes and use data to develop better solutions.
- Demonstrate confidence and decisiveness when making difficult choices.
- Analyze situations based on facts and data, not assumptions or emotions.



B. L. D. E. ASSOCIATION'S
S. B. ARTS AND K. C. P. SCIENCE COLLEGE

BLDE New Campus, Shri B. M. Patil Road, Vijayapur-586103

Accredited with CGPA of 2.99 at 'B++' Grade in 4th Cycle by NAAC

(Affiliated to Rani Channamma University, Belagavi)

Website: www.bldeasbkcp.ac.in E-mail: bldeasbkcp@gmail.com



Department of Statistics

Test on Skill Development Activity on "Problem Solving"

Date : 03-08-2024

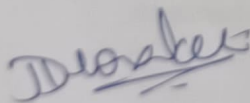
Max.Marks :15

Q-I Multiple Choice Questions

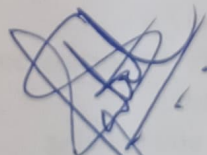
15 X 1=15

1. _____ is a process in which the individual generate an original unusual and productive solution to a problem.
a) Critical Thinking b) Divergent thinking
c) Creative thinking d) Abstract thinking
 2. Determining alternative solutions to the problem is related to _____ skill.
a) Refused Skill b) Critical Thinking
c) Problem Solving skill d) Communication Skill
 3. _____ Skill includes the verbal and nonverbal aspect.
a) Decision Making b) Creativity
c) Communication d) Problem Solving
 4. Verbal communication is further divided into written communication and _____ communication.
a) Space b) Oral c) Non-verbal d) Gesture
 5. Facial expression is an example for _____ communication
a) Formal b) Verbal c) Non-verbal d) Information
 6. Arrange the stages of the problem solving process is the correct order
A) Identifying the problem B) Generating potential solutions
C) Implementing the chosen solutions D) Evaluating the Outcomes
E) Analyzing the available information
- Choose the correct answer from the option given below.
- a) ABCDE b) EABCD c) AEBCD d) EABDC
7. Which two signs need to be interchanged to make the following equation correct?
 $5 \times 4 + 12 - 3 / 6 = 18$
a) + & - b) - & - c) / & x d) x & +
 8. It is possible to promote creativity in the classroom by giving students the chance to
a) Join special achievement sections
b) Encouraging original discovery and thinking

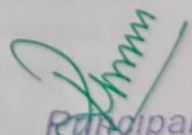
- c) Developing good test taking skills
 d) More than one of the above
 e) None of these.
9. NSQF organizes qualification according to series of levels of
 a) Knowledge skills and aptitude
 b) Knowledge skills and experience
 c) Skills, achievement and aptitude
 d) Skills, experience and aptitude
10. How many life skills are there?
 a) 9 b) 10 c) 8 d) 6
11. The problem solving method in which all members of a group fully accept and support a decision.
 a) Norm b) Compromise c) Goal d) Consensus
12. A Pattern that is a typical in the development of a social group is called
 a) Consensus b) Criteria c) Conflict d) Norm
13. The process of making an expectation a reality is called
 a) Brainstorming b) Problem Solving c) Criteria d) Goal
14. Which is the first step in problem solving?
 a) Identifying and analyze the problem
 b) Observe, evaluate and adjust
 c) Collect and analyze data
 d) Consider possible solution
15. How can effective problem solving contribute to teamwork?
 a) It discourages collaboration and encourages individual solutions
 b) It fosters creativity and promotes collective decision making
 c) It creates unnecessary obstacles and delays
 d) None of these



H.O.D.
 Department of Statistics
 BLDEA's S. B. Arts & K.C.P.
 Sci. College, Vijayapur.



IQAC, Co-ordinator
 S.B.Arts & K.C.P.Science College,
 Vijayapur.



Principal,
 S.B.Arts & KCP. Sc. College,
 Vijayapur.



B. L. D. E. ASSOCIATION'S
S. B. ARTS AND K. C. P. SCIENCE COLLEGE

BLDE New Campus, Shri B. M. Patil Road, Vijayapur-586103

Accredited with CGPA of 2.99 at 'B++' Grade in 4th Cycle by NAAC

(Affiliated to Rani Channamma University, Belagavi)

Website: www.bldeasbkcp.ac.in E-mail: bldeasbkcp@gmail.com



Department of Statistics

Test on Skill Development Activity on "Problem Solving"

2023-24

Name: Sakshi

UUCMS No: U15KM2150429

Time: 1 Hour

15
15

Class : BSc VI Sem.

Date: 03/08/2024

Max. Marks: 15

Choose the correct answer and darken the bobble corresponding to the question number using **Blue** or **Black Ball-Point Pen** in the **OMR answer sheet**.

SLNO	A	B	C	D
1	☐	☐	☒	☐
2	☐	☒	☐	☐
3	☐	☐	☒	☐
4	☐	☒	☐	☐
5	☐	☐	☒	☐
6	☐	☐	☒	☐
7	☐	☒	☐	☐
8	☐	☒	☐	☐
9	☒	☐	☐	☐
10	☐	☒	☐	☐
11	☐	☐	☐	☒
12	☐	☐	☐	☒
13	☐	☒	☐	☐
14	☒	☐	☐	☐
15	☐	☒	☐	☐

[Signature]

H.O.D.

Department of Statistics
BLDEA's S. B. Arts & K.C.P.
Sci. College, Vijayapur

[Signature]

IQAC, Co-ordinator
S.B.Arts & K.C.P. Science College,
Vijayapur.

[Signature]

Principal,
S.B.Arts & KCP. Sc. College,
Vijayapur.



B. L. D. E. ASSOCIATION'S
S. B. ARTS AND K. C. P. SCIENCE COLLEGE

BLDE New Campus, Shri B. M. Patil Road, Vijayapur-586103

Accredited with CGPA of 2.99 at 'B++' Grade in 4th Cycle by NAAC

(Affiliated to Rani Channamma University, Belagavi)

Website: www.bldeasbkcp.ac.in E-mail: bldeasbkcp@gmail.com



Department of Statistics

Test on Skill Development Activity on "Problem Solving"

2023-24

Name: Rajeshwari Rajari

UUCMS No. U15KM21507325

Time: 1 Hour

14/15

Class : BSc VI Sem.

Date: 03/08/2024

Max. Marks: 15

Choose the correct answer and darken the bobble corresponding to the question number using Blue or Black Ball-Point Pen in the OMR answer sheet.

SLNO	A	B	C	D
1	☐	☐	☒	☐
2	☐	☒	☐	☐
3	☐	☐	☒	☐
4	☐	☒	☐	☐
5	☐	☐	☒	☐
6	☐	☐	☒	☐
7	☐	☐	☐	☒
8	☐	☒	☐	☐
9	☒	☐	☐	☐
10	☐	☒	☐	☐
11	☐	☐	☐	☒
12	☐	☐	☐	☒
13	☐	☒	☐	☐
14	☒	☐	☐	☐
15	☐	☒	☐	☐

H.O.D.

Department of Statistics
BLDEA's S. B. Arts & K.C.P.
Sci. College, Vijayapur

IQAC, Co-ordinator
S.B.Arts & K.C.P.Science College,
Vijayapur.

Principal,
S.B.Arts & KCP. Sc. College
Vijayapur.



B. L. D. E. ASSOCIATION'S
S. B. ARTS AND K. C. P. SCIENCE COLLEGE

BLDE New Campus, Shri B. M. Patil Road, Vijayapur-586103

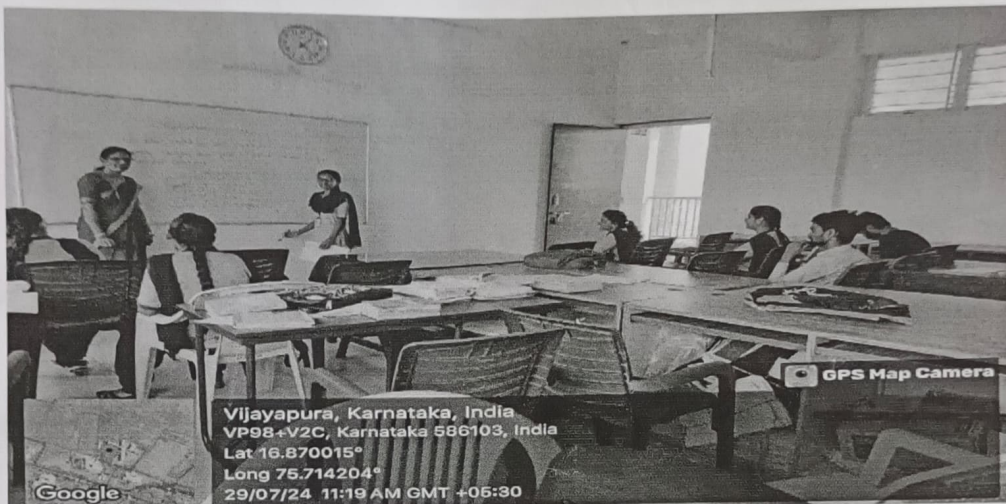
Accredited with CGPA of 2.99 at 'B⁺⁺' Grade in 4th Cycle by NAAC

(Affiliated to Rani Channamma University, Belagavi)

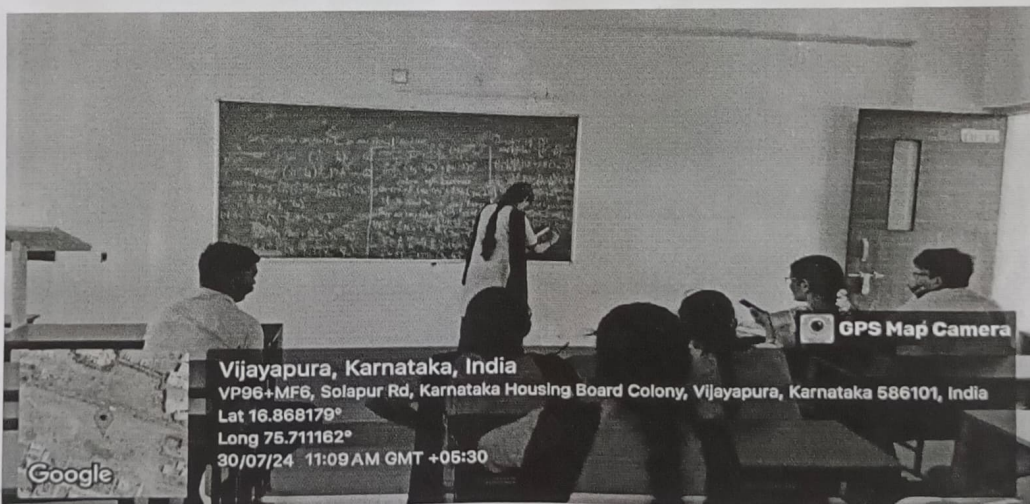
Website: www.bldeasbkcp.ac.in E-mail: bldeasbkcp@gmail.com



Gallery :



Vijayapura, Karnataka, India
VP98+V2C, Karnataka 586103, India
Lat 16.870015°
Long 75.714204°
29/07/24 11:19 AM GMT +05:30



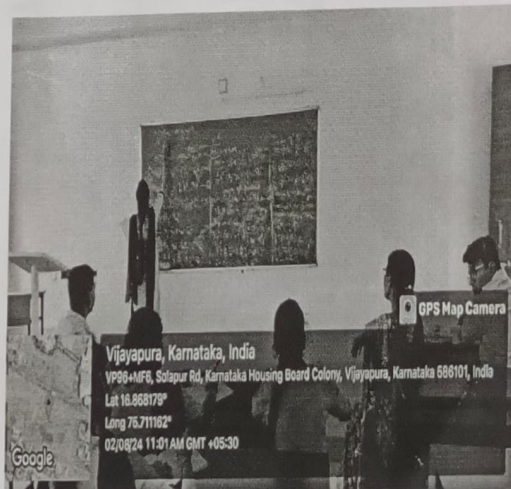
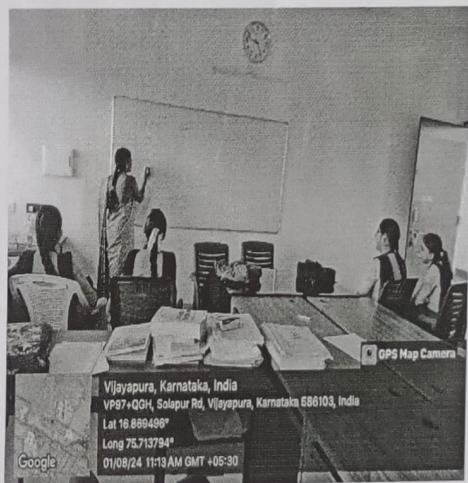
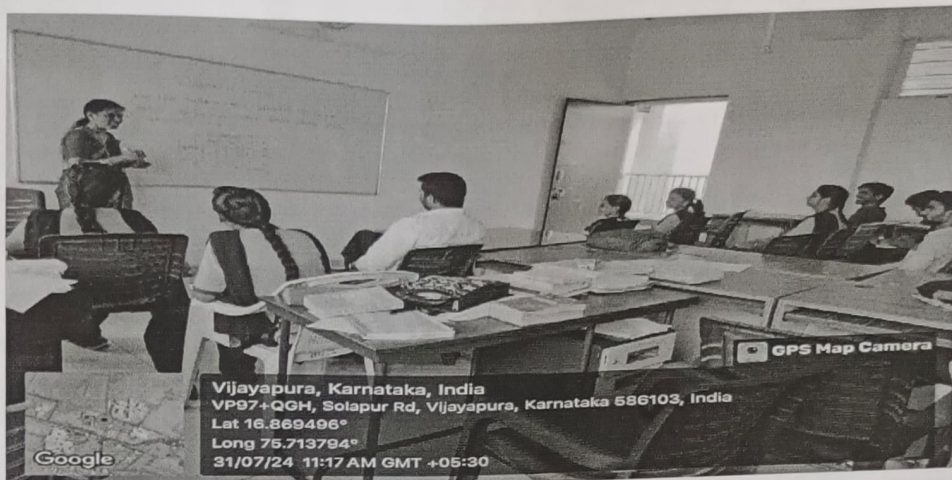
Vijayapura, Karnataka, India
VP96+MF6, Solapur Rd, Karnataka Housing Board Colony, Vijayapura, Karnataka 586101, India
Lat 16.868179°
Long 75.711162°
30/07/24 11:09 AM GMT +05:30

J. D. Saker
H.O.D.

Department of Statistics
BLDEA's S. B. Arts & K.C.P.
Sci. College, Vijayapur.

[Signature]
IQAC, Co-ordinator
S.B.Arts & K.C.P.Science College,
Vijayapur.

[Signature]
Principal,
S.B. Arts and KCP Science College
VIJAYAPUR



Dr. A. K. S. S.
H.O.D.

Department of Statistics
BLDEA's S. B. Arts & K.C.P.
Sci. College, Vijayapur.

[Signature]
IQAC, Co-ordinator
S.B.Arts & K.C.P.Science College,
Vijayapur.

[Signature]
Principal,
S.B. Arts and KCP Science College,
VIJAYAPUR



B. L. D. E. ASSOCIATION'S

S. B. ARTS AND K. C. P. SCIENCE COLLEGE

(Re-Accredited by NAAC at 'B++' level in 4th Cycle)



Internal Quality Assurance Cell Initiative,

Department of Statistics Organized

SKILL DEVELOPMENT ACTIVITY ON "PROBLEM SOLVING"

Certificate

This is to certify that Mr./Ms. Rajeshwari . Rajani of B.Sc
Programme Studying in VIth Semester has completed the Skill Development Activity on
"Problem Solving" organized by the Department of Statistics during the Academic Year 2023-24.

Dusakee

Activity CO-ordinator

Department of Statistics
BLDEA's S. B. Arts & K.C.P.
Sci. College, Vijayapur.

[Signature]

IQAC Co-ordinator

IQAC, Co-ordinator
S.B.Arts & K.C.P.Science College
Vijayapur.

[Signature]

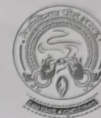
Principal
S.B. Arts and KCP Science College
VIJAYAPUR



B. L. D. E. ASSOCIATION'S

S. B. ARTS AND K. C. P. SCIENCE COLLEGE

(Re-Accredited by NAAC at 'B++' level in 4th Cycle)



Internal Quality Assurance Cell Initiative,

Department of Statistics Organized

SKILL DEVELOPMENT ACTIVITY ON "PROBLEM SOLVING"

Certificate

This is to certify that Mr./Ms. Sakshi of B.Sc
Programme Studying in Vth Semester has completed the Skill Development Activity on
"Problem Solving" organized by the Department of Statistics during the Academic Year 2023-24.

Activity CO-ordinator

H.O.D.

Department of Statistics
BLDEA's S. B. Arts & K. C. P.
Sci. College, Vijayapur.

IQAC Co-ordinator

IQAC, Co-ordinator
S.B.Arts & K.C.P.Science College,
Vijayapur.

Principal

S.B. Arts and K.C.P. Science College
VIJAYAPUR