



**ಶರಣಬಸವ**  
**Sharnbasva**



**ವಿಶ್ವವಿದ್ಯಾಲಯ**  
**University**



Prof. Dr. Sharnbasava Appa  
M.Sc., M.A., M.L.L.B.  
B.A., B.L., B.Com., B.Ed., B.Tech., B.E.,  
M.Tech., M.Ph.D., Ph.D.  
Prof. Basavraj S. Mathapati  
B.Sc., M.A., M.L.L.B.  
B.A., B.L., B.Com., B.Ed., B.Tech., B.E.,  
M.Tech., M.Ph.D., Ph.D.  
Prof. Chandra Duttappa Appa  
M.Sc., M.A., M.L.L.B.  
B.A., B.L., B.Com., B.Ed., B.Tech., B.E.,  
M.Tech., M.Ph.D., Ph.D.

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UGC Status: Letter No. F.8-29/2017(CPP-I/PU), Dated 20 Dec. 2017. Enlisted by the University Grants Commission, New Delhi, in the list of Private Universities in India.  
A Private University enacted by Govt. of Karnataka as "Sharnbasva University Act, 2012" Karnataka Act No. 17 of 2013. Notification No. ED 144 URG 2016 dated 29/07/2017

Ref: 606/PhD/2022-23/10/34/BoT Date: 1/16/2023

Dr. Niranjan V. Nisty M.D., Ph.D.  
Vice-Chancellor  
Sri N.S. Devarkal B.Sc., M.A., LL.B.  
Pro Vice-Chancellor  
Dr. V. D. Mytri M.Tech., Ph.D.  
Pro Vice-Chancellor  
Dr. Anilkumar Bidve M.Sc., Ph.D.  
Registrar : Cell: 6362910165  
Dr. Basavaraj S. Mathapati M.Tech., Ph.D.  
Registrar (Eval): Cell: 9448650187  
Dr. Lakshmi Patil M.Tech., Ph.D.  
Dean: Cell: 6362910168  
Prof. Kiran Maka M.Tech., (Ph.D.)

Finance Officer: Cell: 9632294958  
Faculty of Engg. & Tech.  
B.Tech  
1. Electronics & Comm. Engineering  
2. Electrical & Electronics Engineering  
3. Computer Science & Engineering  
4. Civil Engineering  
5. Mechanical Engineering  
6. Energy Engineering  
M.Tech.  
1. Computer Science & Engineering  
2. Computer Network & Engineering  
3. Digital Electronics  
4. VLSI & Embedded Systems  
5. Machine Design Engineering  
6. Structural Engineering

\* Bonus  
Faculty of Engg & Tech (Exclusively for Women)  
B.Tech  
1. Electronics & Comm. Engineering  
2. Electrical & Electronics Engineering  
3. Computer Science & Engineering  
4. Artificial Intelligence & Machine Learning  
5. Civil Engineering  
M.Tech.  
1. Computer Science & Engineering  
2. Digital Comm. & Network  
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Faculty of Architecture  
1. B. Arch. Bachelor of Architecture

Faculty of Business Studies  
1. BBA- HR, Marketing, Finance  
2. BBA- Tourism & Travel Mgmt.  
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3. BBA- Aviation Services & Air Cargo

Faculty of Social Science  
1. M.A. Journalism & Mass Comm.

Faculty of Science & Tech.  
1. M.Sc. Physics 2. M.Sc. Maths  
3. M.Sc. Zoology 4. M.Sc. Botany

Faculty of Computer Application  
1. MCA 2. BCA  
(Exclusively for Women)

1. BCA  
Faculty of Fine Art  
1. M.A. Visual Arts

Faculty of Music  
1. M.A. Music

Faculty of Languages  
1. M.A. Kannada 2. M.A. English  
Proposed Programmes  
1. B.Tech.: Artificial Intelligence (AI)  
& Data Science  
2. M.Sc.: Data Science

**Faculty of Science and Technology**

**Key Answers (Part 1: Research Methodology)**

Q. No	Answer	Q. No	Answer	Q. No	Answer	Q. No	Answer	Q. No	Answer
1.	C	11.	A	21.	*	31.	B	41.	A
2.	A	12.	B	22.	D	32.	D	42.	C
3.	A	13.	C	23.	D	33.	A	43.	A
4.	C	14.	B	24.	C	34.	C	44.	B
5.	A	15.	B	25.	C	35.	C	45.	D
6.	A	16.	B	26.	B	36.	B	46.	A
7.	B	17.	B	27.	B	37.	B	47.	B
8.	A	18.	A	28.	B	38.	C	48.	B
9.	C	19.	D	29.	C	39.	C	49.	A
10.	B	20.	C	30.	B	40.	A	50.	A

**Key Answers (Part 2: Botany)**

Q. No	Answer	Q. No	Answer	Q. No	Answer	Q. No	Answer	Q. No	Answer
1.	C	11.	D	21.	D	31.	C	41.	A
2.	B	12.	C	22.	B	32.	A	42.	D
3.	D	13.	B	23.	A	33.	B	43.	C
4.	C	14.	B	24.	A	34.	B	44.	B
5.	D	15.	A	25.	B	35.	A	45.	C
6.	A	16.	B	26.	D	36.	C	46.	B
7.	B	17.	C	27.	C	37.	D	47.	D
8.	C	18.	A	28.	D	38.	C	48.	C
9.	B	19.	C	29.	D	39.	C	49.	D
10.	A	20.	A	30.	A	40.	C	50.	D

*Vijay Kumar*

DEAN OF RESEARCH



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2. BBA- Tourism & Travel Mgmt.

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5. MBA- Hospital Administration  
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**Faculty of Fine Art**

1. M.A. Visual Arts  
**Faculty of Music**

1. M.A. Music  
**Faculty of Languages**

1. M.A.Kannada 2. M.A.English

**Proposed Programmes**

1. B.Tech.: Artificial Intelligence (AI)  
& Data Science

2. M.Sc. : Data Science

Ret: suk (PhD) 2022-23 / 10/134 / CHE Date: 11/10/2023

**Faculty of Science and Technology**

**Key Answers (Part 1: Research Methodology)**

Q. No	Answer	Q. No	Answer	Q. No	Answer	Q. No	Answer	Q. No	Answer
1.	C	11.	A	21.	*	31.	B	41.	A
2.	A	12.	B	22.	D	32.	D	42.	C
3.	A	13.	C	23.	D	33.	A	43.	A
4.	C	14.	B	24.	C	34.	C	44.	B
5.	A	15.	B	25.	C	35.	C	45.	D
6.	A	16.	B	26.	B	36.	B	46.	A
7.	B	17.	B	27.	B	37.	B	47.	B
8.	A	18.	A	28.	B	38.	C	48.	B
9.	C	19.	D	29.	C	39.	C	49.	A
10.	B	20.	C	30.	B	40.	A	50.	A

\* Bonus

**Key Answers (Part 2: Chemistry)**

Q. No	Answer	Q. No	Answer	Q. No	Answer	Q. No	Answer	Q. No	Answer
1.	C	11.	B	21.	*	31.	A	41.	C
2.	D	12.	B	22.	A	32.	B	42.	D
3.	D	13.	B	23.	C	33.	B	43.	A
4.	B	14.	C	24.	B	34.	D	44.	C
5.	C	15.	C	25.	A	35.	A	45.	D
6.	C	16.	D	26.	A	36.	A	46.	C
7.	C	17.	A	27.	B	37.	A	47.	B
8.	B	18.	A	28.	D	38.	B	48.	C
9.	B	19.	A	29.	B	39.	D	49.	B
10.	C	20.	B	30.	D	40.	C	50.	D

\* Bonus

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*(Handwritten Signature)*

DEAN OF RESEARCH







Prof. Dr. Shantappa Apte  
P. Research Methodology  
Sharnbasveshwar University  
Chandik, Sharnbasveshwar



Prof. Basu B. Subramani & Apte  
Chandik  
Sharnbasveshwar University  
Chandik, Sharnbasveshwar



Prof. Chinnappa Duttappa Apte  
P. Research Methodology  
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Chandik, Sharnbasveshwar

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Prof. Duttappa Apte  
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Ref. SUK/PHD/2022-23/11034/MAT Date: 11/01/2023

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## Faculty of Science and Technology

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7.	B	17.	B	27.	B	37.	B	47.	B
8.	A	18.	A	28.	B	38.	C	48.	B
9.	C	19.	D	29.	C	39.	C	49.	A
10.	B	20.	C	30.	B	40.	A	50.	A

\* Bonus

### Key Answers (Part 2: Mathematics)

Q. No	Answer	Q. No	Answer	Q. No	Answer	Q. No	Answer	Q. No	Answer
1.	D	11.	A	21.	A	31.	A	41.	A
2.	D	12.	C	22.	C	32.	B	42.	C
3.	C	13.	C	23.	B	33.	B	43.	A
4.	C	14.	C	24.	C	34.	C	44.	D
5.	B	15.	B	25.	D	35.	A	45.	D
6.	C	16.	B	26.	B	36.	C	46.	A
7.	B	17.	A	27.	D	37.	C	47.	B
8.	C	18.	B	28.	B	38.	A	48.	A
9.	C	19.	A	29.	D	39.	C	49.	B
10.	D	20.	B	30.	A	40.	B	50.	B

*(Signature)*

DEAN OF RESEARCH





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ಶರಣಬಸವವಿಶ್ವವಿದ್ಯಾಲಯದ ಸಂಶೋಧನಾ ವಿಭಾಗದ ಅಧ್ಯಯನದ ದಿನಾಂಕ: 11/02/2023

**Dr. Niranjan V. Nisty** M.D.,Ph.D.

**Vice-Chancellor**

**Sri N.S. Devarkal** B.Sc.,M.A.,LL.B.

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4.	C	14.	B	24.	C	34.	C	44.	B
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8.	A	18.	A	28.	B	38.	C	48.	B
9.	C	19.	D	29.	C	39.	C	49.	A
10.	B	20.	C	30.	B	40.	A	50.	A

\* Bonus

### Key Answers (Part 2: Zoology)

Q. No	Answer	Q. No	Answer	Q. No	Answer	Q. No	Answer	Q. No	Answer
1.	A	11.	B	21.	D	31.	A	41.	D
2.	A	12.	B	22.	B	32.	D	42.	A
3.	A	13.	A	23.	D	33.	A	43.	B
4.	B	14.	A	24.	B	34.	B	44.	D
5.	D	15.	D	25.	B	35.	D	45.	C
6.	A	16.	C	26.	C	36.	A	46.	B
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8.	D	18.	C	28.	B	38.	B	48.	C
9.	C	19.	D	29.	C	39.	B	49.	D
10.	A	20.	B	30.	D	40.	D	50.	D

*(Signature)*  
DEAN OF RESEARCH