



॥ ಶ್ರದ್ಧಾ ಹಿ ಪರಮಾ ಗತಿಃ ॥

THE NATIONAL COLLEGE

AUTONOMOUS

NAAC ACCREDITED – 'A' GRADE

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UNDER GRADUATE DEPARTMENT – KANNADA

2018-2021

Programme Name	Programme Outcomes	Programme Specific Outcomes
I Sem B. A	1.ಪಠ್ಯಕ್ರಮದ ಬಗ್ಗೆ ವಿದ್ಯಾರ್ಥಿಗಳಿಂದ ಮೆಚ್ಚಿಗೆ ಮತ್ತು ಪ್ರಶಂಸೆ ವ್ಯಕ್ತವಾಯಿತು. ಕನ್ನಡ ಭಾಷೆಯು ಕಠಿಣವಾಗಿದೆ ಎಂದು ಭಾವಿಸಿದ್ದೇವು. ಆದರೆ ಕಾದಂಬರಿ ಮತ್ತು ಹೊಸಗನ್ನಡ ಕವಿತೆಗಳನ್ನು ವ್ಯಾಸಂಗ ಮಾಡಿದ ಬಳಿಕ ನಮ್ಮ ಅಭಿಪ್ರಾಯ ಬದಲಾಯಿತು ಎಂದರು. 2. ಖ್ಯಾತ ಕವಿಗಳ ಕವಿತೆಗಳಿಂದ ಇತ್ತೀಚಿನವರ ಕವಿತೆಗಳನ್ನು ಪಠ್ಯಕ್ಕೆ ಆಯ್ಕೆ ಮಾಡಿದ್ದರಿಂದ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಸಮಾಜದ ವಿವಿಧ ಮಜಲುಗಳನ್ನು ಅರಿತುಕೊಳ್ಳಲು ನೆರವಾಯಿತು. 3. ವಿದ್ಯಾರ್ಥಿಗಳ ಬರವಣಿಗೆಯ ಸಾರ್ವತ್ಯವು ಇದರಿಂದ ಉತ್ತಮಗೊಂಡಿರುವುದು. ಮೊದಲು ಐದಾರು ವಾಕ್ಯಗಳಿಗೆ ಸೀಮಿತಗೊಳ್ಳುತ್ತಿದ್ದ ಅವರ ಬರಹವು ಎರಡು ಮೂರು ಪುಟಗಳಷ್ಟು ಬರೆಯುವ ಸಾಮರ್ಥ್ಯವನ್ನು ಪಡೆದುಕೊಂಡರು.	HES, PES HEK, HJK JKP JEP 1.ಪಠ್ಯಕ್ರಮದ ಬಗ್ಗೆ ವಿದ್ಯಾರ್ಥಿಗಳಿಂದ ಮೆಚ್ಚಿಗೆ ಮತ್ತು ಪ್ರಶಂಸೆ ವ್ಯಕ್ತವಾಯಿತು. ಕನ್ನಡ ಭಾಷೆಯು ಕಠಿಣವಾಗಿದೆ ಎಂದು ಭಾವಿಸಿದ್ದೇವು. ಆದರೆ ಕಾದಂಬರಿ ಮತ್ತು ಹೊಸಗನ್ನಡ ಕವಿತೆಗಳನ್ನು ವ್ಯಾಸಂಗ ಮಾಡಿದ ಬಳಿಕ ನಮ್ಮ ಅಭಿಪ್ರಾಯ ಬದಲಾಯಿತು ಎಂದರು. 2. ಖ್ಯಾತ ಕವಿಗಳ ಕವಿತೆಗಳಿಂದ ಇತ್ತೀಚಿನವರ ಕವಿತೆಗಳನ್ನು ಪಠ್ಯಕ್ಕೆ ಆಯ್ಕೆ ಮಾಡಿದ್ದರಿಂದ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಸಮಾಜದ ವಿವಿಧ ಮಜಲುಗಳನ್ನು ಅರಿತುಕೊಳ್ಳಲು ನೆರವಾಯಿತು. 3.ವಿದ್ಯಾರ್ಥಿಗಳ ಬರವಣಿಗೆಯ ಸಾರ್ವತ್ಯವು ಇದರಿಂದ ಉತ್ತಮಗೊಂಡಿರುವುದು. ಮೊದಲು ಐದಾರು ವಾಕ್ಯಗಳಿಗೆ ಸೀಮಿತಗೊಳ್ಳುತ್ತಿದ್ದ ಅವರ ಬರಹವು ಎರಡು ಮೂರು ಪುಟಗಳಷ್ಟು ಬರೆಯುವ ಸಾಮರ್ಥ್ಯವನ್ನು ಪಡೆದುಕೊಂಡರು.
I Sem B.Sc.	1.ಪಠ್ಯಕ್ರಮದ ಬಗ್ಗೆ ವಿದ್ಯಾರ್ಥಿಗಳಿಂದ ಮೆಚ್ಚಿಗೆ ಮತ್ತು ಪ್ರಶಂಸೆ ವ್ಯಕ್ತವಾಯಿತು. ಕನ್ನಡ ಭಾಷೆಯು ಕಠಿಣವಾಗಿದೆ ಎಂದು ಭಾವಿಸಿದ್ದೇವು. ಆದರೆ ಕಾದಂಬರಿ ಮತ್ತು ಹೊಸಗನ್ನಡ ಕವಿತೆಗಳನ್ನು ವ್ಯಾಸಂಗ ಮಾಡಿದ ಬಳಿಕ ನಮ್ಮ ಅಭಿಪ್ರಾಯ ಬದಲಾಯಿತು ಎಂದರು. 2. ಖ್ಯಾತ ಕವಿಗಳ ಕವಿತೆಗಳಿಂದ ಇತ್ತೀಚಿನವರ ಕವಿತೆಗಳನ್ನು ಪಠ್ಯಕ್ಕೆ ಆಯ್ಕೆ ಮಾಡಿದ್ದರಿಂದ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಸಮಾಜದ ವಿವಿಧ ಮಜಲುಗಳನ್ನು ಅರಿತುಕೊಳ್ಳಲು ನೆರವಾಯಿತು. 3. ವಿದ್ಯಾರ್ಥಿಗಳ ಬರವಣಿಗೆಯ ಸಾರ್ವತ್ಯವು ಇದರಿಂದ ಉತ್ತಮಗೊಂಡಿರುವುದು. ಮೊದಲು ಐದಾರು ವಾಕ್ಯಗಳಿಗೆ ಸೀಮಿತಗೊಳ್ಳುತ್ತಿದ್ದ ಅವರ ಬರಹವು ಎರಡು ಮೂರು ಪುಟಗಳಷ್ಟು ಬರೆಯುವ ಸಾಮರ್ಥ್ಯವನ್ನು ಪಡೆದುಕೊಂಡರು.	PCM PMCs EMCs PME 1.ಪಠ್ಯಕ್ರಮದ ಬಗ್ಗೆ ವಿದ್ಯಾರ್ಥಿಗಳಿಂದ ಮೆಚ್ಚಿಗೆ ಮತ್ತು ಪ್ರಶಂಸೆ ವ್ಯಕ್ತವಾಯಿತು. ಕನ್ನಡ ಭಾಷೆಯು ಕಠಿಣವಾಗಿದೆ ಎಂದು ಭಾವಿಸಿದ್ದೇವು. ಆದರೆ ಕಾದಂಬರಿ ಮತ್ತು ಹೊಸಗನ್ನಡ ಕವಿತೆಗಳನ್ನು ವ್ಯಾಸಂಗ ಮಾಡಿದ ಬಳಿಕ ನಮ್ಮ ಅಭಿಪ್ರಾಯ ಬದಲಾಯಿತು ಎಂದರು. 2. ಖ್ಯಾತ ಕವಿಗಳ ಕವಿತೆಗಳಿಂದ ಇತ್ತೀಚಿನವರ ಕವಿತೆಗಳನ್ನು ಪಠ್ಯಕ್ಕೆ ಆಯ್ಕೆ ಮಾಡಿದ್ದರಿಂದ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಸಮಾಜದ ವಿವಿಧ ಮಜಲುಗಳನ್ನು ಅರಿತುಕೊಳ್ಳಲು ನೆರವಾಯಿತು. 3.ವಿದ್ಯಾರ್ಥಿಗಳ ಬರವಣಿಗೆಯ ಸಾರ್ವತ್ಯವು ಇದರಿಂದ ಉತ್ತಮಗೊಂಡಿರುವುದು. ಮೊದಲು ಐದಾರು ವಾಕ್ಯಗಳಿಗೆ ಸೀಮಿತಗೊಳ್ಳುತ್ತಿದ್ದ ಅವರ ಬರಹವು ಎರಡು ಮೂರು ಪುಟಗಳಷ್ಟು ಬರೆಯುವ ಸಾಮರ್ಥ್ಯವನ್ನು ಪಡೆದುಕೊಂಡರು.




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Programme Name	Programme Outcomes	Programme Specific Outcomes
I Sem BCA	1. ಪಠ್ಯಕ್ರಮದ ಬಗ್ಗೆ ವಿದ್ಯಾರ್ಥಿಗಳಿಂದ ಮೆಚ್ಚಿಗೆ ಮತ್ತು ಪ್ರಶಂಸೆ ವ್ಯಕ್ತವಾಯಿತು. ಕನ್ನಡ ಭಾಷೆಯು ಕಠಿಣವಾಗಿದೆ ಎಂದು ಭಾವಿಸಿದ್ದೇವು. ಆದರೆ ಕಾದಂಬರಿ ಮತ್ತು ಹೊಸಗನ್ನಡ ಕವಿತೆಗಳನ್ನು ವ್ಯಾಸಂಗ ಮಾಡಿದ ಬಳಿಕ ನಮ್ಮ ಅಭಿಪ್ರಾಯ ಬದಲಾಯಿತು ಎಂದರು. 2. ಖ್ಯಾತ ಕವಿಗಳ ಕವಿತೆಗಳಿಂದ ಇತ್ತೀಚಿನವರ ಕವಿತೆಗಳನ್ನು ಪಠ್ಯಕ್ಕೆ ಆಯ್ಕೆ ಮಾಡಿದ್ದರಿಂದ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಸಮಾಜದ ವಿವಿಧ ಮಜಲುಗಳನ್ನು ಅರಿತುಕೊಳ್ಳಲು ನೆರವಾಯಿತು. 3. ವಿದ್ಯಾರ್ಥಿಗಳ ಬರವಣಿಗೆಯ ಸಾರ್ವತ್ಯವು ಇದರಿಂದ ಉತ್ತಮಗೊಂಡಿರುವುದು. ಮೊದಲು ಐದಾರು ವಾಕ್ಯಗಳಿಗೆ ಸೀಮಿತಗೊಳ್ಳುತ್ತಿದ್ದ ಅವರ ಬರಹವು ಎರಡು ಮೂರು ಪುಟಗಳಷ್ಟು ಬರೆಯುವ ಸಾಮರ್ಥ್ಯವನ್ನು ಪಡೆದುಕೊಂಡರು.	1. ಪಠ್ಯಕ್ರಮದ ಬಗ್ಗೆ ವಿದ್ಯಾರ್ಥಿಗಳಿಂದ ಮೆಚ್ಚಿಗೆ ಮತ್ತು ಪ್ರಶಂಸೆ ವ್ಯಕ್ತವಾಯಿತು. ಕನ್ನಡ ಭಾಷೆಯು ಕಠಿಣವಾಗಿದೆ ಎಂದು ಭಾವಿಸಿದ್ದೇವು. ಆದರೆ ಕಾದಂಬರಿ ಮತ್ತು ಹೊಸಗನ್ನಡ ಕವಿತೆಗಳನ್ನು ವ್ಯಾಸಂಗ ಮಾಡಿದ ಬಳಿಕ ನಮ್ಮ ಅಭಿಪ್ರಾಯ ಬದಲಾಯಿತು ಎಂದರು. 2. ಖ್ಯಾತ ಕವಿಗಳ ಕವಿತೆಗಳಿಂದ ಇತ್ತೀಚಿನವರ ಕವಿತೆಗಳನ್ನು ಪಠ್ಯಕ್ಕೆ ಆಯ್ಕೆ ಮಾಡಿದ್ದರಿಂದ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಸಮಾಜದ ವಿವಿಧ ಮಜಲುಗಳನ್ನು ಅರಿತುಕೊಳ್ಳಲು ನೆರವಾಯಿತು. 3. ವಿದ್ಯಾರ್ಥಿಗಳ ಬರವಣಿಗೆಯ ಸಾರ್ವತ್ಯವು ಇದರಿಂದ ಉತ್ತಮ ಗೊಂಡಿರುವುದು. ಮೊದಲು ಐದಾರು ವಾಕ್ಯಗಳಿಗೆ ಸೀಮಿತಗೊಳ್ಳುತ್ತಿದ್ದ ಅವರ ಬರಹವು ಎರಡು ಮೂರು ಪುಟಗಳಷ್ಟು ಬರೆಯುವ ಸಾಮರ್ಥ್ಯವನ್ನು ಪಡೆದುಕೊಂಡರು.
I Sem B. Com	1. ಪಠ್ಯಕ್ರಮದ ಬಗ್ಗೆ ವಿದ್ಯಾರ್ಥಿಗಳಿಂದ ಮೆಚ್ಚಿಗೆ ಮತ್ತು ಪ್ರಶಂಸೆ ವ್ಯಕ್ತವಾಯಿತು. ಕನ್ನಡ ಭಾಷೆಯು ಕಠಿಣವಾಗಿದೆ ಎಂದು ಭಾವಿಸಿದ್ದೇವು. ಆದರೆ ಕಾದಂಬರಿ ಮತ್ತು ಹೊಸಗನ್ನಡ ಕವಿತೆಗಳನ್ನು ವ್ಯಾಸಂಗ ಮಾಡಿದ ಬಳಿಕ ನಮ್ಮ ಅಭಿಪ್ರಾಯ ಬದಲಾಯಿತು ಎಂದರು. 2. ಖ್ಯಾತ ಕವಿಗಳ ಕವಿತೆಗಳಿಂದ ಇತ್ತೀಚಿನವರ ಕವಿತೆಗಳನ್ನು ಪಠ್ಯಕ್ಕೆ ಆಯ್ಕೆ ಮಾಡಿದ್ದರಿಂದ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಸಮಾಜದ ವಿವಿಧ ಮಜಲುಗಳನ್ನು ಅರಿತುಕೊಳ್ಳಲು ನೆರವಾಯಿತು. 3. ವಿದ್ಯಾರ್ಥಿಗಳ ಬರವಣಿಗೆಯ ಸಾರ್ವತ್ಯವು ಇದರಿಂದ ಉತ್ತಮಗೊಂಡಿರುವುದು. ಮೊದಲು ಐದಾರು ವಾಕ್ಯಗಳಿಗೆ ಸೀಮಿತಗೊಳ್ಳುತ್ತಿದ್ದ ಅವರ ಬರಹವು ಎರಡು ಮೂರು ಪುಟಗಳಷ್ಟು ಬರೆಯುವ ಸಾಮರ್ಥ್ಯವನ್ನು ಪಡೆದುಕೊಂಡರು.	1. ಪಠ್ಯಕ್ರಮದ ಬಗ್ಗೆ ವಿದ್ಯಾರ್ಥಿಗಳಿಂದ ಮೆಚ್ಚಿಗೆ ಮತ್ತು ಪ್ರಶಂಸೆ ವ್ಯಕ್ತವಾಯಿತು. ಕನ್ನಡ ಭಾಷೆಯು ಕಠಿಣವಾಗಿದೆ ಎಂದು ಭಾವಿಸಿದ್ದೇವು. ಆದರೆ ಕಾದಂಬರಿ ಮತ್ತು ಹೊಸಗನ್ನಡ ಕವಿತೆಗಳನ್ನು ವ್ಯಾಸಂಗ ಮಾಡಿದ ಬಳಿಕ ನಮ್ಮ ಅಭಿಪ್ರಾಯ ಬದಲಾಯಿತು ಎಂದರು. 2. ಖ್ಯಾತ ಕವಿಗಳ ಕವಿತೆಗಳಿಂದ ಇತ್ತೀಚಿನವರ ಕವಿತೆಗಳನ್ನು ಪಠ್ಯಕ್ಕೆ ಆಯ್ಕೆ ಮಾಡಿದ್ದರಿಂದ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಸಮಾಜದ ವಿವಿಧ ಮಜಲುಗಳನ್ನು ಅರಿತುಕೊಳ್ಳಲು ನೆರವಾಯಿತು. 3. ವಿದ್ಯಾರ್ಥಿಗಳ ಬರವಣಿಗೆಯ ಸಾರ್ವತ್ಯವು ಇದರಿಂದ ಉತ್ತಮ ಗೊಂಡಿರುವುದು. ಮೊದಲು ಐದಾರು ವಾಕ್ಯಗಳಿಗೆ ಸೀಮಿತ ಗೊಳ್ಳುತ್ತಿದ್ದ ಅವರ ಬರಹವು ಎರಡು ಮೂರು ಪುಟಗಳಷ್ಟು ಬರೆಯುವ ಸಾಮರ್ಥ್ಯವನ್ನು ಪಡೆದುಕೊಂಡರು.
I Sem B.A Optional Kannada	1. ಕನ್ನಡ ಸಾಹಿತ್ಯಿಕ ಶಾಸ್ತ್ರೀಯ ವಿಷಯಗಳಲ್ಲಿ ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಆಸಕ್ತಿ ಮೂಡಿತು. 2. ಸಣ್ಣಕತೆಯ ಪ್ರಕಾರದಲ್ಲಿ ಆಸಕ್ತಿ ಬೆಳೆಸಿಕೊಂಡ ವಿದ್ಯಾರ್ಥಿಗಳು ವಿವಿಧ ಲೇಖಕರ ಕೃತಿಗಳ ಅಧ್ಯಯನಕ್ಕೆ ಮುಂದಾದರು. 3. ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಸಾಹಿತ್ಯಿಕ ಅಭಿರುಚಿ ಕಂಡು ಬಂದಿತು. 4. ಕೆಲವು ವಿದ್ಯಾರ್ಥಿಗಳು ಸಣ್ಣ ಕತೆಗಳ ರಚನೆಗೆ ಮುಂದಾದರು.	1. ಕನ್ನಡ ಸಾಹಿತ್ಯಿಕ ಶಾಸ್ತ್ರೀಯ ವಿಷಯಗಳಲ್ಲಿ ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಆಸಕ್ತಿ ಮೂಡಿತು. 2. ಸಣ್ಣಕತೆಯ ಪ್ರಕಾರದಲ್ಲಿ ಆಸಕ್ತಿ ಬೆಳೆಸಿಕೊಂಡ ವಿದ್ಯಾರ್ಥಿಗಳು ವಿವಿಧ ಲೇಖಕರ ಕೃತಿಗಳ ಅಧ್ಯಯನಕ್ಕೆ ಮುಂದಾದರು. 3. ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಸಾಹಿತ್ಯಿಕ ಅಭಿರುಚಿ ಕಂಡು ಬಂದಿತು. 4. ಕೆಲವು ವಿದ್ಯಾರ್ಥಿಗಳು ಸಣ್ಣ ಕತೆಗಳ ರಚನೆಗೆ ಮುಂದಾದರು.



[Signature]
PRINCIPAL
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Programme Name	Programme Outcomes	Programme Specific Outcomes
II Sem B.A Optional Kannada	1.ಕನ್ನಡ ಸಾಹಿತ್ಯಿಕ ಶಾಸ್ತ್ರೀಯ ವಿಷಯಗಳಲ್ಲಿ ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಆಸಕ್ತಿ ಮೂಡಿತು. 2.ಕಾದಂಬರಿ ಪ್ರಕಾರದಲ್ಲಿ ಆಸಕ್ತಿ ಬೆಳೆಸಿಕೊಂಡ ವಿದ್ಯಾರ್ಥಿಗಳು ವಿವಿಧ ಲೇಖಕರ ಕೃತಿಗಳ ಅಧ್ಯಯನಕ್ಕೆ ಮುಂದಾದರು. 3.ವಿಶೇಷ ಕವಿಯಾಗಿ ಕೆಎಸ್‌ನರನ್ನು ಅಧ್ಯಯನ ಮಾಡಿದ್ದರಿಂದ ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಕೆ.ಎಸ್.ನರಸಿಂಹಸ್ವಾಮಿಯವರ ಸಾಹಿತ್ಯ ಅಧ್ಯಯನದಲ್ಲಿ ಅಭಿರುಚಿ ಮೂಡಿದ್ದು ಕಂಡು ಬಂದಿತು. 4.ಕೆಲವು ವಿದ್ಯಾರ್ಥಿಗಳು ಚುಟುಕು ಸಾಹಿತ್ಯಕ್ಕೆ ಮುಂದಾದರು.	1. ಕನ್ನಡ ಸಾಹಿತ್ಯಿಕ ಶಾಸ್ತ್ರೀಯ ವಿಷಯಗಳಲ್ಲಿ ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಆಸಕ್ತಿ ಮೂಡಿತು. 2.ಕಾದಂಬರಿ ಪ್ರಕಾರದಲ್ಲಿ ಆಸಕ್ತಿ ಬೆಳೆಸಿಕೊಂಡ ವಿದ್ಯಾರ್ಥಿಗಳು ವಿವಿಧ ಲೇಖಕರ ಕೃತಿಗಳ ಅಧ್ಯಯನಕ್ಕೆ ಮುಂದಾದರು. 3.ವಿಶೇಷ ಕವಿಯಾಗಿ ಕೆಎಸ್‌ನರನ್ನು ಅಧ್ಯಯನ ಮಾಡಿದ್ದರಿಂದ ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಕೆ.ಎಸ್.ನರಸಿಂಹಸ್ವಾಮಿಯವರ ಸಾಹಿತ್ಯ ಅಧ್ಯಯನದಲ್ಲಿ ಅಭಿರುಚಿ ಮೂಡಿದ್ದು ಕಂಡು ಬಂದಿತು. 4.ಕೆಲವು ವಿದ್ಯಾರ್ಥಿಗಳು ಚುಟುಕು ಸಾಹಿತ್ಯಕ್ಕೆ ಮುಂದಾದರು.
III Sem B.A	1.ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ನಡುಗನ್ನಡ ಸಾಹಿತ್ಯದ ಬಗ್ಗೆ ಆಸಕ್ತಿ ಮೂಡಿತು. 2.ಅನಕ್ಷರಸ್ಥ ಸಮುದಾಯ ರಚಿಸಿದ ಜನಪದ ಸಾಹಿತ್ಯದ ಅಧ್ಯಯನದಿಂದ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಹೊಸ ಜಗತ್ತಿನ ಪರಿಚಯವಾದಂತಾಯಿತು.. 3.ಆಧುನಿಕತೆಯ ವ್ಯವಹಾರಿಕ ಜಗತ್ತಿನಲ್ಲಿ ಬದುಕುತ್ತಿರುವ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಜನಪದರು ತಮ್ಮ ಸಾಹಿತ್ಯದಲ್ಲಿ ಪ್ರತಿಪಾದಿಸಿದ ಮಾನವೀಯ ಸಂಬಂಧಗಳ ಪರಿಚಯವಾಯಿತು. 4.ಭಕ್ತಿ ಸಾಹಿತ್ಯದಲ್ಲಿ ಅಡಗಿದ್ದ ನೈಜ ಭಕ್ತಿ ಮತ್ತು ಡಾಂಚಿಕ ಆಚರಣೆಗಳ ಅಧ್ಯಯನದಿಂದ ನೈಜ ಮತ್ತು ಪೊಳ್ಳು ಸಂಗತಿಗಳ ನಡುವಿನ ಅಂತರವನ್ನು ಅರಿತುಕೊಂಡರು.	1.ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ನಡುಗನ್ನಡ ಸಾಹಿತ್ಯದ ಬಗ್ಗೆ ಆಸಕ್ತಿ ಮೂಡಿತು. 2.ಅನಕ್ಷರಸ್ಥ ಸಮುದಾಯ ರಚಿಸಿದ ಜನಪದ ಸಾಹಿತ್ಯದ ಅಧ್ಯಯನ ದಿಂದ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಹೊಸ ಜಗತ್ತಿನ ಪರಿಚಯವಾ ದಂತಾಯಿತು.. 3.ಆಧುನಿಕತೆಯ ವ್ಯವಹಾರಿಕ ಜಗತ್ತಿನಲ್ಲಿ ಬದುಕುತ್ತಿರುವ ವಿದ್ಯಾರ್ಥಿ ಗಳಿಗೆ ಜನಪದರು ತಮ್ಮ ಸಾಹಿತ್ಯದಲ್ಲಿ ಪ್ರತಿಪಾದಿಸಿದ ಮಾನವೀಯ ಸಂಬಂಧಗಳ ಪರಿಚಯವಾಯಿತು. 3.ಭಕ್ತಿ ಸಾಹಿತ್ಯದಲ್ಲಿ ಅಡಗಿದ್ದ ನೈಜ ಭಕ್ತಿ ಮತ್ತು ಡಾಂಚಿಕ ಆಚರಣೆಗಳ ಅಧ್ಯಯನದಿಂದ ನೈಜ ಮತ್ತು ಪೊಳ್ಳು ಸಂಗತಿಗಳ ನಡುವಿನ ಅಂತರವನ್ನು ಅರಿತುಕೊಂಡರು.
III Sem B.Sc	1.ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ನಡುಗನ್ನಡ ಸಾಹಿತ್ಯದ ಬಗ್ಗೆ ಆಸಕ್ತಿ ಮೂಡಿತು. 2.ಅನಕ್ಷರಸ್ಥ ಸಮುದಾಯ ರಚಿಸಿದ ಜನಪದ ಸಾಹಿತ್ಯದ ಅಧ್ಯಯನದಿಂದ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಹೊಸ ಜಗತ್ತಿನ ಪರಿಚಯವಾದಂತಾಯಿತು.. 3.ಆಧುನಿಕತೆಯ ವ್ಯವಹಾರಿಕ ಜಗತ್ತಿನಲ್ಲಿ ಬದುಕುತ್ತಿರುವ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಜನಪದರು ತಮ್ಮ ಸಾಹಿತ್ಯದಲ್ಲಿ ಪ್ರತಿಪಾದಿಸಿದ ಮಾನವೀಯ ಸಂಬಂಧಗಳ ಪರಿಚಯವಾಯಿತು. 4.ಭಕ್ತಿ ಸಾಹಿತ್ಯದಲ್ಲಿ ಅಡಗಿದ್ದ ನೈಜ ಭಕ್ತಿ ಮತ್ತು ಡಾಂಚಿಕ ಆಚರಣೆಗಳ ಅಧ್ಯಯನದಿಂದ ನೈಜ ಮತ್ತು ಪೊಳ್ಳು ಸಂಗತಿಗಳ ನಡುವಿನ ಅಂತರವನ್ನು ಅರಿತುಕೊಂಡರು.	1.ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ನಡುಗನ್ನಡ ಸಾಹಿತ್ಯದ ಬಗ್ಗೆ ಆಸಕ್ತಿ ಮೂಡಿತು. 2.ಅನಕ್ಷರಸ್ಥ ಸಮುದಾಯ ರಚಿಸಿದ ಜನಪದ ಸಾಹಿತ್ಯದ ಅಧ್ಯಯನದಿಂದ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಹೊಸ ಜಗತ್ತಿನ ಪರಿಚಯವಾದಂತಾಯಿತು.. 3.ಆಧುನಿಕತೆಯ ವ್ಯವಹಾರಿಕ ಜಗತ್ತಿನಲ್ಲಿ ಬದುಕುತ್ತಿರುವ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಜನಪದರು ತಮ್ಮ ಸಾಹಿತ್ಯದಲ್ಲಿ ಪ್ರತಿಪಾದಿಸಿದ ಮಾನವೀಯ ಸಂಬಂಧಗಳ ಪರಿಚಯವಾಯಿತು. 4.ಭಕ್ತಿ ಸಾಹಿತ್ಯದಲ್ಲಿ ಅಡಗಿದ್ದ ನೈಜ ಭಕ್ತಿ ಮತ್ತು ಡಾಂಚಿಕ ಆಚರಣೆಗಳ ಅಧ್ಯಯನದಿಂದ ನೈಜ ಮತ್ತು ಪೊಳ್ಳು ಸಂಗತಿಗಳ ನಡುವಿನ ಅಂತರವನ್ನು ಅರಿತುಕೊಂಡರು.



[Signature]
PRINCIPAL
The National College
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Programme Name	Programme Outcomes	Programme Specific Outcomes
III Sem BCA	1.ವಿದ್ಯಾರ್ಥಿಗಳು ನಡುಗನ್ನಡ ಪೌರಾಣಿಕ ಸಾಹಿತ್ಯದಲ್ಲಿ ಬಿಂಬಿತವಾಗಿದ್ದ ಮೌಲ್ಯಗಳ ಅರಿತುಕೊಂಡರು. 2. ಪ್ರಬಂಧ ಸಾಹಿತ್ಯವು ಪರಿಸರ ಮತ್ತು ಸಮಾಜದಲ್ಲಿನ ಮೌಲ್ಯಗಳ ಬಗ್ಗೆ ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಅರಿವು ಮೂಡಿಸಿತು. 3.ಸಮಾಜದಲ್ಲಿನ ಮೌಲ್ಯಗಳ ಬಗ್ಗೆ ಪ್ರಬಂಧಕಾರರು ಸಾಹಿತ್ಯಕವಾಗಿ ಪ್ರತಿಪಾದಿಸಿದ್ದ ಮೌಲ್ಯಗಳನ್ನು ವಿದ್ಯಾರ್ಥಿಗಳು ಅರಿಯುವಂತಾಯಿತು. 4.ಭಕ್ತಿ ಸಾಹಿತ್ಯದಲ್ಲಿ ಅಡಗಿದ್ದ ನೈಜ ಭಕ್ತಿ ಮತ್ತು ಡಾಂಚಿಕ ಆಚರಣೆಗಳ ಅಧ್ಯಯನದಿಂದ ನೈಜ ಮತ್ತು ಪೊಳ್ಳು ಸಂಗತಿಗಳ ನಡುವಿನ ಅಂತರವನ್ನು ಅರಿತುಕೊಂಡರು.	1.ವಿದ್ಯಾರ್ಥಿಗಳು ನಡುಗನ್ನಡ ಪೌರಾಣಿಕ ಸಾಹಿತ್ಯದಲ್ಲಿ ಬಿಂಬಿತವಾಗಿದ್ದ ಮೌಲ್ಯಗಳ ಅರಿತುಕೊಂಡರು. 2. ಪ್ರಬಂಧ ಸಾಹಿತ್ಯವು ಪರಿಸರ ಮತ್ತು ಸಮಾಜದಲ್ಲಿನ ಮೌಲ್ಯಗಳ ಬಗ್ಗೆ ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಅರಿವು ಮೂಡಿಸಿತು. 3.ಸಮಾಜದಲ್ಲಿನ ಮೌಲ್ಯಗಳ ಬಗ್ಗೆ ಪ್ರಬಂಧಕಾರರು ಸಾಹಿತ್ಯಕವಾಗಿ ಪ್ರತಿಪಾದಿಸಿದ್ದ ಮೌಲ್ಯಗಳನ್ನು ವಿದ್ಯಾರ್ಥಿಗಳು ಅರಿಯುವಂತಾಯಿತು. 4.ಭಕ್ತಿ ಸಾಹಿತ್ಯದಲ್ಲಿ ಅಡಗಿದ್ದ ನೈಜ ಭಕ್ತಿ ಮತ್ತು ಡಾಂಚಿಕ ಆಚರಣೆಗಳ ಅಧ್ಯಯನದಿಂದ ನೈಜ ಮತ್ತು ಪೊಳ್ಳು ಸಂಗತಿಗಳ ನಡುವಿನ ಅಂತರವನ್ನು ಅರಿತುಕೊಂಡರು.
III Sem B. Com	1.ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ನಡುಗನ್ನಡ ಸಾಹಿತ್ಯದ ಬಗ್ಗೆ ಆಸಕ್ತಿ ಮೂಡಿತು. 2.ಅನಕರ್ಪಸ್ಥ ಸಮುದಾಯ ರಚಿಸಿದ ಜನಪದ ಸಾಹಿತ್ಯದ ಅಧ್ಯಯನದಿಂದ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಹೊಸ ಜಗತ್ತಿನ ಪರಿಚಯವಾದಂತಾಯಿತು.. 3.ಆಧುನಿಕತೆಯ ವ್ಯವಹಾರಿಕ ಜಗತ್ತಿನಲ್ಲಿ ಬದುಕುತ್ತಿರುವ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಜನಪದರು ತಮ್ಮ ಸಾಹಿತ್ಯದಲ್ಲಿ ಪ್ರತಿಪಾದಿಸಿದ ಮಾನವೀಯ ಸಂಬಂಧಗಳ ಪರಿಚಯವಾಯಿತು. 4.ವಿದ್ಯಾರ್ಥಿಗಳು ಕನ್ನಡದಲ್ಲಿ ವ್ಯಾವಹರಿಸುವುದನ್ನು ಕಲಿತು. ಪತ್ರ ವ್ಯಾವಹಾರ. ಸಭೆಗಳ ಕಾರ್ಯಸೂಚಿ, ತೀರ್ಮಾನಗಳು ಇತ್ಯಾದಿಗಳನ್ನು ತಯಾರಿಸುವ ಸಾಮರ್ಥ್ಯವನ್ನು ಪಡೆದುಕೊಂಡರು.	1.ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ನಡುಗನ್ನಡ ಸಾಹಿತ್ಯದ ಬಗ್ಗೆ ಆಸಕ್ತಿ ಮೂಡಿತು. 2.ಅನಕರ್ಪಸ್ಥ ಸಮುದಾಯ ರಚಿಸಿದ ಜನಪದ ಸಾಹಿತ್ಯದ ಅಧ್ಯಯನದಿಂದ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಹೊಸ ಜಗತ್ತಿನ ಪರಿಚಯವಾದಂತಾಯಿತು.. 3.ಆಧುನಿಕತೆಯ ವ್ಯವಹಾರಿಕ ಜಗತ್ತಿನಲ್ಲಿ ಬದುಕುತ್ತಿರುವ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಜನಪದರು ತಮ್ಮ ಸಾಹಿತ್ಯದಲ್ಲಿ ಪ್ರತಿಪಾದಿಸಿದ ಮಾನವೀಯ ಸಂಬಂಧಗಳ ಪರಿಚಯವಾಯಿತು. 4.ವಿದ್ಯಾರ್ಥಿಗಳು ಕನ್ನಡದಲ್ಲಿ ವ್ಯಾವಹರಿಸುವುದನ್ನು ಕಲಿತು. ಪತ್ರ ವ್ಯಾವಹಾರ. ಸಭೆಗಳ ಕಾರ್ಯಸೂಚಿ, ತೀರ್ಮಾನಗಳು ಇತ್ಯಾದಿಗಳನ್ನು ತಯಾರಿಸುವ ಸಾಮರ್ಥ್ಯವನ್ನು ಪಡೆದುಕೊಂಡರು.
III Sem B.A Optional Kannada	1.ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ನಡುಗನ್ನಡ ಸಾಹಿತ್ಯದ ಬಗ್ಗೆ ಆಸಕ್ತಿ ಮೂಡಿತು. 2.ಜನಪದ ಸಾಹಿತ್ಯದಲ್ಲಿನ ಮೌಲ್ಯಗಳ ಅರಿವಾಯಿತು. 3.ಸಾಹಿತ್ಯದ ಶಿಸ್ತುಗಳ ಅರಿವಾಯಿತು. 4.ಸಾಹಿತ್ಯ ಚರಿತ್ರೆಯನ್ನು ಮಾಡಿಕೊಳ್ಳುವ ಮೂಲಕ ಪರಂಪರೆಯ ಅರಿವನ್ನು ಪಡೆದುಕೊಂಡರು.	1.ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ನಡುಗನ್ನಡ ಸಾಹಿತ್ಯದ ಬಗ್ಗೆ ಆಸಕ್ತಿ ಮೂಡಿತು. 2.ಜನಪದ ಸಾಹಿತ್ಯದಲ್ಲಿನ ಮೌಲ್ಯಗಳ ಅರಿವಾಯಿತು. 3.ಸಾಹಿತ್ಯದ ಶಿಸ್ತುಗಳ ಅರಿವಾಯಿತು. 4.ಸಾಹಿತ್ಯ ಚರಿತ್ರೆಯನ್ನು ಮಾಡಿಕೊಳ್ಳುವ ಮೂಲಕ ಪರಂಪರೆಯ ಅರಿವನ್ನು ಪಡೆದುಕೊಂಡರು.
IV Sem B.A.	1.ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಹಳೆಗನ್ನಡ ಸಾಹಿತ್ಯದ ಬಗ್ಗೆ ಆಸಕ್ತಿ ಮೂಡಿತು. 2. ಪ್ರಾಚೀನತೆಯನ್ನು ಸಾರುವ ಶಾಸನ ಸಾಹಿತ್ಯವು ಸಾರಿದ ಕೋಮು ಸಾಮರಸ್ಯವನ್ನು ಪರಿಚಯಿಸಿದ್ದರಿಂದ ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ವಿಶಾಲ ಮನೋಭಾ ವ ಮೂಡಿತು. 3.ಅಭಿಜಾತ ಸಾಹಿತ್ಯದ ಮೌಲ್ಯಗಳ ಅರಿವಾಯಿತು. 4.ಸಂವಹನ ಮಾಧ್ಯಮಗಳ ಮಹತ್ವ ಮತ್ತು ಕಾರ್ಯವಿಧಾನವನ್ನು ಅರಿತುಕೊಂಡರು.	1.ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಹಳೆಗನ್ನಡ ಸಾಹಿತ್ಯದ ಬಗ್ಗೆ ಆಸಕ್ತಿ ಮೂಡಿತು. 2.ಪ್ರಾಚೀನತೆಯನ್ನು ಸಾರುವ ಶಾಸನ ಸಾಹಿತ್ಯವು ಸಾರಿದ ಕೋಮು ಸಾಮರಸ್ಯವನ್ನು ಪರಿಚಯಿಸಿದ್ದರಿಂದ ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ವಿಶಾಲ ಮನೋಭಾ ವ ಮೂಡಿತು. 3.ಅಭಿಜಾತ ಸಾಹಿತ್ಯದ ಮೌಲ್ಯಗಳ ಅರಿವಾಯಿತು. 4.ಸಂವಹನ ಮಾಧ್ಯಮಗಳ ಮಹತ್ವ ಮತ್ತು ಕಾರ್ಯವಿಧಾನವನ್ನು ಅರಿತುಕೊಂಡರು.



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Programme Name	Programme Outcomes	Programme Specific Outcomes	
IV Sem B.Sc.	1.ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಹಳೆಗನ್ನಡ ಸಾಹಿತ್ಯದ ಬಗ್ಗೆ ಆಸಕ್ತಿ ಮೂಡಿತು. 2.ಪ್ರಾಚೀನತೆಯನ್ನು ಸಾರುವ ಶಾಸನ ಸಾಹಿತ್ಯವು ಸಾರಿದ ಕೋಮು ಸಾಮರಸ್ಯವನ್ನು ಪರಿಚಯಿಸಿದ್ದರಿಂದ ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ವಿಶಾಲ ಮನೋಭಾವ ಮೂಡಿತು. 3. ಅಭಿಜಾತ ಸಾಹಿತ್ಯದ ಮೌಲ್ಯಗಳ ಅರಿವಾಯಿತು. 4.ಸಂವಹನ ಮಾಧ್ಯಮಗಳ ಮಹತ್ವ ಮತ್ತು ಕಾರ್ಯವಿಧಾನವನ್ನು ಅರಿತುಕೊಂಡರು.	PCM PMCS PME EMCs	1.ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಹಳೆಗನ್ನಡ ಸಾಹಿತ್ಯದ ಬಗ್ಗೆ ಆಸಕ್ತಿ ಮೂಡಿತು. 2. ಪ್ರಾಚೀನತೆಯನ್ನು ಸಾರುವ ಶಾಸನ ಸಾಹಿತ್ಯವು ಸಾರಿದ ಕೋಮು ಸಾಮರಸ್ಯವನ್ನು ಪರಿಚಯಿಸಿದ್ದರಿಂದ ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ವಿಶಾಲ ಮನೋಭಾವ ಮೂಡಿತು. 3.ಅಭಿಜಾತ ಸಾಹಿತ್ಯದ ಮೌಲ್ಯಗಳ ಅರಿವಾಯಿತು. 4.ಸಂವಹನ ಮಾಧ್ಯಮಗಳ ಮಹತ್ವ ಮತ್ತು ಕಾರ್ಯವಿಧಾನವನ್ನು ಅರಿತುಕೊಂಡರು.
IV Sem BCA	1.ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಹಳೆಗನ್ನಡ ಸಾಹಿತ್ಯದ ಬಗ್ಗೆ ಆಸಕ್ತಿ ಮೂಡಿತು. 2. ಪ್ರಾವಾಸ ಸಾಹಿತ್ಯದ ಅಧ್ಯಯನ ಮೂಲಕ ವಿವಿಧ ದೇಶಗಳ ಬೌ ಗೋಳಿಕ ಮತ್ತು ಜನರ ಸಂಸ್ಕೃತಿಯನ್ನು ಅರಿತುಕೊಂಡರು. 3.ಅಭಿಜಾತ ಸಾಹಿತ್ಯದ ಮೌಲ್ಯಗಳ ಅರಿವಾಯಿತು. 4.ಕಂಪ್ಯೂಟರ್‌ನಲ್ಲಿ ಕನ್ನಡವನ್ನು ಬಳಸುವುದು. ಕಂಪ್ಯೂಟರ್‌ನ ಬಿಡಿ ಭಾಗಗಳಿಗೆ ಬಳಸಲಾಗುವ ಕನ್ನಡದ ಪದಗಳನ್ನು ಕಲಿತರು.	BCA	1.ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಹಳೆಗನ್ನಡ ಸಾಹಿತ್ಯದ ಬಗ್ಗೆ ಆಸಕ್ತಿ ಮೂಡಿತು. 2.ಪ್ರಾವಾಸ ಸಾಹಿತ್ಯದ ಅಧ್ಯಯನ ಮೂಲಕ ವಿವಿಧ ದೇಶಗಳ ಬೌ ಗೋಳಿಕ ಮತ್ತು ಜನರ ಸಂಸ್ಕೃತಿಯನ್ನು ಅರಿತುಕೊಂಡರು. 3.ಅಭಿಜಾತ ಸಾಹಿತ್ಯದ ಮೌಲ್ಯಗಳ ಅರಿವಾಯಿತು. 4.ಕಂಪ್ಯೂಟರ್‌ನಲ್ಲಿ ಕನ್ನಡವನ್ನು ಬಳಸುವುದು. ಕಂಪ್ಯೂಟರ್‌ನ ಬಿಡಿ ಭಾಗಗಳಿಗೆ ಬಳಸಲಾಗುವ ಕನ್ನಡದ ಪದಗಳನ್ನು ಕಲಿತರು.
IV Sem B. Com	1.ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಕಥಾ ಸಾಹಿತ್ಯದ ಬಗ್ಗೆ ಆಸಕ್ತಿ ಮೂಡಿತು. 2. ಕನ್ನಡವನ್ನು ಮಾತ್ರ ಬಲ್ಲ ವಿದ್ಯಾರ್ಥಿಗಳು ಕನ್ನಡದಲ್ಲೇ ವ್ಯಾವಹರಿಸಿ ಆತ್ಮ ವಿಶ್ವಾಸವನ್ನು ಬೆಳೆಸಿಕೊಂಡರು. 3. ಕಂಪ್ಯೂಟರ್‌ನ ಬಿಡಿಭಾಗಗಳಿಗೆ ಸಂಬಂಧಿಸಿ ದಂತೆ ಕನ್ನಡದ ಪದಗಳನ್ನು ತಿಳಿದುಕೊಂಡು ಕನ್ನಡ ಬಾ ಷೆಯ ಸಾಧ್ಯತೆಗಳ ಅರಿವಾಯಿತು. 4.ಸಂವಹನ ಮಾಧ್ಯಮಗಳ ಮಹತ್ವ ಮತ್ತು ಕಾರ್ಯವಿಧಾನವನ್ನು ಅರಿತುಕೊಂಡರು.	B. Com	1.ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಕಥಾ ಸಾಹಿತ್ಯದ ಬಗ್ಗೆ ಆಸಕ್ತಿ ಮೂಡಿತು. 2.ಕನ್ನಡವನ್ನು ಮಾತ್ರ ಬಲ್ಲ ವಿದ್ಯಾರ್ಥಿಗಳು ಕನ್ನಡದಲ್ಲೇ ವ್ಯಾವಹರಿಸಿ ಆತ್ಮ ವಿಶ್ವಾಸವನ್ನು ಬೆಳೆಸಿಕೊಂಡರು. 3.ಕಂಪ್ಯೂಟರ್‌ನ ಬಿಡಿಭಾಗಗಳಿಗೆ ಸಂಬಂಧಿಸಿ ದಂತೆ ಕನ್ನಡದ ಪದಗಳನ್ನು ತಿಳಿದುಕೊಂಡು ಕನ್ನಡ ಬಾ ಷೆಯ ಸಾಧ್ಯತೆಗಳ ಅರಿವಾಯಿತು. 4.ಸಂವಹನ ಮಾಧ್ಯಮಗಳ ಮಹತ್ವ ಮತ್ತು ಕಾರ್ಯವಿಧಾನವನ್ನು ಅರಿತುಕೊಂಡರು.
IV Sem B.A Optional Kannada	1. ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಆತ್ಮಕಥಗಳಲ್ಲಿ ಆಸಕ್ತಿ ಮೂಡಿತು. 2.ಸಾಹಿತ್ಯ ಅಧ್ಯಯನ ವಿಧಾನವನ್ನು ಅರಿತುಕೊಂಡರು. 3.ಸಾಹಿತ್ಯವನ್ನು ಅರ್ಥೈಸುವ ಬಗೆಯ ಪರಿಚಯ ಮಾಡಿಕೊಂಡರು. 4.ಸಾಹಿತ್ಯ ಚರಿತ್ರೆಯನ್ನು ಪರಿಚಯ ಮಾಡಿಕೊಳ್ಳುವ ಮೂಲಕ ಪರಂಪರೆಯ ಅರಿವನ್ನು ಪಡೆದುಕೊಂಡರು	HEK HJK JKP	1.ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಆತ್ಮಕಥಗಳಲ್ಲಿ ಆಸಕ್ತಿ ಮೂಡಿತು. 2.ಸಾಹಿತ್ಯ ಅಧ್ಯಯನ ವಿಧಾನವನ್ನು ಅರಿತುಕೊಂಡರು. 3.ಸಾಹಿತ್ಯವನ್ನು ಅರ್ಥೈಸುವ ಬಗೆಯ ಪರಿಚಯ ಮಾಡಿಕೊಂಡರು. 4.ಸಾಹಿತ್ಯ ಚರಿತ್ರೆಯನ್ನು ಪರಿಚಯ ಮಾಡಿಕೊಳ್ಳುವ ಮೂಲಕ ಪರಂಪರೆಯ ಅರಿವನ್ನು ಪಡೆದುಕೊಂಡರು



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Programme Name	Programme Outcomes	Programme Specific Outcomes
V Sem B.A Optional Kannada Paper-V	1. ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಕನ್ನಡ ಬಾ ಷೆಯ ಚರಿತ್ರೆ ಬಗ್ಗೆ ಆಸಕ್ತಿ ಮೂಡಿತು. 2. ಬಾ ಷೆಯ ಹಲವು ಅವಸ್ಥೆಗಳ ಅರಿವಾಯಿತು. 3. ಬಾ ಷೆಗೆ ಸಂಬಂಧಿಸಿದ ಹಲವು ಶಾಸ್ತ್ರೀಯ ಅಂಶಗಳನ್ನು ಅಧ್ಯಯನ ಮಾಡಿದರು. 4. ಕನ್ನಡ ಬಾ ಷೆಯ ಚರಿತ್ರೆ ಮತ್ತು ಇತರ ಬಾ ಷೆಗಳೊಂದಿಗೆ ಹೊಂದಿರುವ ಸಂಬಂಧಗಳನ್ನು ಅರಿತುಕೊಳ್ಳುವ ಮೂಲಕ ಪರಂಪರೆಯ ಅರಿವನ್ನು ಪಡೆದುಕೊಂಡರು.	1. ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಕನ್ನಡ ಬಾ ಷೆಯ ಚರಿತ್ರೆ ಬಗ್ಗೆ ಆಸಕ್ತಿ ಮೂಡಿತು. 2. ಬಾ ಷೆಯ ಹಲವು ಅವಸ್ಥೆಗಳ ಅರಿವಾಯಿತು. 3. ಬಾ ಷೆಗೆ ಸಂಬಂಧಿಸಿದ ಹಲವು ಶಾಸ್ತ್ರೀಯ ಅಂಶಗಳನ್ನು ಅಧ್ಯಯನ ಮಾಡಿದರು. 4. ಕನ್ನಡ ಬಾ ಷೆಯ ಚರಿತ್ರೆ ಮತ್ತು ಇತರ ಬಾ ಷೆಗಳೊಂದಿಗೆ ಹೊಂದಿರುವ ಸಂಬಂಧಗಳನ್ನು ಅರಿತುಕೊಳ್ಳುವ ಮೂಲಕ ಪರಂಪರೆಯ ಅರಿವನ್ನು ಪಡೆದುಕೊಂಡರು.
V Sem B.A Optional Kannada Paper-VI	1. ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಹಳೆಗನ್ನಡ ಸಾಹಿತ್ಯದಲ್ಲಿನ ಗದ್ಯ ಸಾಹಿತ್ಯದ ಪರಿಚಯವಾಯಿತು. 2. ಜನಪದ ಸಾಹಿತ್ಯದಲ್ಲಿನ ಮೌಲ್ಯಗಳ ಅರಿವಾಯಿತು. 3. ದೃಶ್ಯ ಕಾವ್ಯವಾಗಿರುವ ನಾಟಕವನ್ನು ಓದುವ ಪರಿಯನ್ನು ಅರಿತುಕೊಂಡರು. 4. ಸಾಹಿತ್ಯದಲ್ಲಿ ಬಿಂಬಿತವಾಗಿದ್ದ ಸಂವೇದನಾಶೀಲ ಮನೋಭಾವದ ಅರಿವಾಯಿತು.	1. ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಹಳೆಗನ್ನಡ ಸಾಹಿತ್ಯದಲ್ಲಿನ ಗದ್ಯ ಸಾಹಿತ್ಯದ ಪರಿಚಯವಾಯಿತು. 2. ಜನಪದ ಸಾಹಿತ್ಯದಲ್ಲಿನ ಮೌಲ್ಯಗಳ ಅರಿವಾಯಿತು. 3. ದೃಶ್ಯ ಕಾವ್ಯವಾಗಿರುವ ನಾಟಕವನ್ನು ಓದುವ ಪರಿಯನ್ನು ಅರಿತುಕೊಂಡರು. 4. ಸಾಹಿತ್ಯದಲ್ಲಿ ಬಿಂಬಿತವಾಗಿದ್ದ ಸಂವೇದನಾಶೀಲ ಮನೋಭಾವದ ಅರಿವಾಯಿತು.
VI Sem B.A Optional Kannada Paper-VII	1. ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಬಾ ಷೆ ಬಳಕೆ ಮತ್ತು ಬರವಣಿಗೆಯ ಕೌಶಲ್ಯ ಸುಧಾ ರಿಸಿತು. 2. ಕನ್ನಡ ಬಾ ಷೆಯ ಜೊತೆಯಲ್ಲಿ ಇತರ ಬಾ ಷೆಗಳು ಹೊಂದಿರುವ ಕೊಡುಕೊಳ್ಳುವಿಕೆಗಳನ್ನು ಅರಿತುಕೊಂಡರು. 3. ಕನ್ನಡ ಬಾ ಷೆಯ ಬಿನ್ನ ಸ್ತೆಗಳನ್ನು ಅರಿತುಕೊಂಡರು. 4. ಸಂವಹನ ಮಾಧ್ಯಮಗಳಲ್ಲಿ ಭಾಷೆ ಪಡೆದುಕೊಂಡಿರುವ ಕೌಶಲ್ಯವನ್ನು ಅರಿತುಕೊಂಡರು.	1. ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಬಾ ಷೆ ಬಳಕೆ ಮತ್ತು ಬರವಣಿಗೆಯ ಕೌಶಲ್ಯ ಸುಧಾ ರಿಸಿತು. 2. ಕನ್ನಡ ಬಾ ಷೆಯ ಜೊತೆಯಲ್ಲಿ ಇತರ ಬಾ ಷೆಗಳು ಹೊಂದಿರುವ ಕೊಡುಕೊಳ್ಳುವಿಕೆಗಳನ್ನು ಅರಿತುಕೊಂಡರು. 3. ಕನ್ನಡ ಬಾ ಷೆಯ ಬಿನ್ನ ಸ್ತೆಗಳನ್ನು ಅರಿತುಕೊಂಡರು. 4. ಸಂವಹನ ಮಾಧ್ಯಮಗಳಲ್ಲಿ ಭಾಷೆ ಪಡೆದುಕೊಂಡಿರುವ ಕೌಶಲ್ಯವನ್ನು ಅರಿತುಕೊಂಡರು.
VI Sem B.A Optional Kannada Paper-VIII	1. ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ವಿಮರ್ಶಾ ದೃಷ್ಟಿಕೋನ ಮೂಡಿತು. 2. ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ವಿಶ್ಲೇಷಣಾ ಮನೋಭಾವ ಬೆಳೆಯಿತು. 3. ವಿದ್ಯಾರ್ಥಿಗಳು ಪ್ರಾಯೋಗಿಕ ವಿಮರ್ಶೆಗೆ ಮುಂದಾದರು. 4. ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಅಂತರ್ವಿಮರ್ಶಾ ದೃಷ್ಟಿಕೋನ ಬೆಳೆಯಿತು.	1. ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ವಿಮರ್ಶಾ ದೃಷ್ಟಿಕೋನ ಮೂಡಿತು. 2. ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ವಿಶ್ಲೇಷಣಾ ಮನೋಭಾವ ಬೆಳೆಯಿತು. 3. ವಿದ್ಯಾರ್ಥಿಗಳು ಪ್ರಾಯೋಗಿಕ ವಿಮರ್ಶೆಗೆ ಮುಂದಾದರು. 4. ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಅಂತರ್ವಿಮರ್ಶಾ ದೃಷ್ಟಿಕೋನ ಬೆಳೆಯಿತು.




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COURSE OUTCOME

Semester	Subject Code	Title of the paper	Outcomes
1ನೇ ಸೆಮಿಸ್ಟರ್ ಬಿ.ಎ	1ALKANT	ಹೊಸಗನ್ನಡ ಸಾಹಿತ್ಯ ಮತ್ತು ಕಾದಂಬರಿ	1.ಪಠ್ಯಕ್ರಮದ ಬಗ್ಗೆ ವಿದ್ಯಾರ್ಥಿಗಳಿಂದ ಮೆಚಿಗ್ಗೆ ಮತ್ತು ಪ್ರಶಂಸೆ ವ್ಯಕ್ತವಾಯಿತು. ಕನ್ನಡ ಬಾ ಷೆಯು ಕಠಿಣವಾಗಿದೆ ಎಂದು ಭಾವಿಸಿದ್ದೆವು. ಆದರೆ ಕಾದಂಬರಿ ಮತ್ತು ಹೊಸಗನ್ನಡ ಕವಿತೆಗಳನ್ನು ವ್ಯಾಸಂಗ ಮಾಡಿದ ಬಳಿಕ ನಮ್ಮ ಅಭಿಪ್ರಾಯ ಬದಲಾಯಿತು ಎಂದರು. 2.ಖ್ಯಾತ ಕವಿಗಳ ಕವಿತೆಗಳಿಂದ ಇತ್ತೀಚಿನವರ ಕವಿತೆಗಳನ್ನು ಪಠ್ಯಕ್ಕೆ ಆಯ್ಕೆ ಮಾಡಿದ್ದರಿಂದ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಸಮಾಜದ ವಿವಿಧ ಮಜಲುಗಳನ್ನು ಅರಿತುಕೊಳ್ಳಲು ನೆರವಾಯಿತು. 3.ವಿದ್ಯಾರ್ಥಿಗಳ ಬರವಣಿಗೆಯ ಸಾರ್ವತ್ಯವು ಇದರಿಂದ ಉತ್ತಮಗೊಂಡಿದೆ. ಮೊದಲು ಐದಾರು ವಾಕ್ಯಗಳಿಗೆ ಸೀಮಿತಗೊಳ್ಳುತ್ತಿದ್ದ ಅವರ ಬರಹವು ಎರಡು ಮೂರು ಪುಟಗಳಷ್ಟು ಬರೆಯುವ ಸಾಮರ್ಥ್ಯವನ್ನು ಪಡೆದುಕೊಂಡರು.
1ನೇ ಸೆಮಿಸ್ಟರ್ ಬಿ.ಎಸ್ಸಿ	1SLKANT	ಹೊಸಗನ್ನಡ ಸಾಹಿತ್ಯ ಮತ್ತು ಕಾದಂಬರಿ	1.ಪಠ್ಯಕ್ರಮದ ಬಗ್ಗೆ ವಿದ್ಯಾರ್ಥಿಗಳಿಂದ ಮೆಚಿಗ್ಗೆ ಮತ್ತು ಪ್ರಶಂಸೆ ವ್ಯಕ್ತವಾಯಿತು. ಕನ್ನಡ ಬಾ ಷೆಯು ಕಠಿಣವಾಗಿದೆ ಎಂದು ಭಾವಿಸಿದ್ದೆವು. ಆದರೆ ಕಾದಂಬರಿ ಮತ್ತು ಹೊಸಗನ್ನಡ ಕವಿತೆಗಳನ್ನು ವ್ಯಾಸಂಗ ಮಾಡಿದ ಬಳಿಕ ನಮ್ಮ ಅಭಿಪ್ರಾಯ ಬದಲಾಯಿತು ಎಂದರು. 2.ಖ್ಯಾತ ಕವಿಗಳ ಕವಿತೆಗಳಿಂದ ಇತ್ತೀಚಿನವರ ಕವಿತೆಗಳನ್ನು ಪಠ್ಯಕ್ಕೆ ಆಯ್ಕೆ ಮಾಡಿದ್ದರಿಂದ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಸಮಾಜದ ವಿವಿಧ ಮಜಲುಗಳನ್ನು ಅರಿತುಕೊಳ್ಳಲು ನೆರವಾಯಿತು. 3.ವಿದ್ಯಾರ್ಥಿಗಳ ಬರವಣಿಗೆಯ ಸಾರ್ವತ್ಯವು ಇದರಿಂದ ಉತ್ತಮಗೊಂಡಿದೆ. ಮೊದಲು ಐದಾರು ವಾಕ್ಯಗಳಿಗೆ ಸೀಮಿತಗೊಳ್ಳುತ್ತಿದ್ದ ಅವರ ಬರಹವು ಎರಡು ಮೂರು ಪುಟಗಳಷ್ಟು ಬರೆಯುವ ಸಾಮರ್ಥ್ಯವನ್ನು ಪಡೆದುಕೊಂಡರು.
1ನೇ ಸೆಮಿಸ್ಟರ್ ಬಿ.ಸಿ.ಎ	1BLKANT	ಹೊಸಗನ್ನಡ ಸಾಹಿತ್ಯ ಮತ್ತು ಕಾದಂಬರಿ	1.ಪಠ್ಯಕ್ರಮದ ಬಗ್ಗೆ ವಿದ್ಯಾರ್ಥಿಗಳಿಂದ ಮೆಚಿಗ್ಗೆ ಮತ್ತು ಪ್ರಶಂಸೆ ವ್ಯಕ್ತವಾಯಿತು. ಕನ್ನಡ ಬಾ ಷೆಯು ಕಠಿಣವಾಗಿದೆ ಎಂದು ಭಾವಿಸಿದ್ದೆವು. ಆದರೆ ಕಾದಂಬರಿ ಮತ್ತು ಹೊಸಗನ್ನಡ ಕವಿತೆಗಳನ್ನು ವ್ಯಾಸಂಗ ಮಾಡಿದ ಬಳಿಕ ನಮ್ಮ ಅಭಿಪ್ರಾಯ ಬದಲಾಯಿತು ಎಂದರು. 2.ಖ್ಯಾತ ಕವಿಗಳ ಕವಿತೆಗಳಿಂದ ಇತ್ತೀಚಿನವರ ಕವಿತೆಗಳನ್ನು ಪಠ್ಯಕ್ಕೆ ಆಯ್ಕೆ ಮಾಡಿದ್ದರಿಂದ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಸಮಾಜದ ವಿವಿಧ ಮಜಲುಗಳನ್ನು ಅರಿತುಕೊಳ್ಳಲು ನೆರವಾಯಿತು. 3.ವಿದ್ಯಾರ್ಥಿಗಳ ಬರವಣಿಗೆಯ ಸಾರ್ವತ್ಯವು ಇದರಿಂದ ಉತ್ತಮಗೊಂಡಿದೆ. ಮೊದಲು ಐದಾರು ವಾಕ್ಯಗಳಿಗೆ ಸೀಮಿತಗೊಳ್ಳುತ್ತಿದ್ದ ಅವರ ಬರಹವು ಎರಡು ಮೂರು ಪುಟಗಳಷ್ಟು ಬರೆಯುವ ಸಾಮರ್ಥ್ಯವನ್ನು ಪಡೆದುಕೊಂಡರು.



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Semester	Subject Code	Title of the paper	Outcomes
1ನೇ ಸೆಮಿಸ್ಟರ್ ಬಿ.ಕಾಂ	1CLKANT	ಹೊಸಗನ್ನಡ ಸಾಹಿತ್ಯ ಮತ್ತು ಕಾದಂಬರಿ	1.ಪಠ್ಯಕ್ರಮದ ಬಗ್ಗೆ ವಿದ್ಯಾರ್ಥಿಗಳಿಂದ ಮೆಚಿಗ್ಗೆ ಮತ್ತು ಪ್ರಶಂಸೆ ವ್ಯಕ್ತವಾಯಿತು. ಕನ್ನಡ ಬಾ ಷೆಯು ಕಠಿಣವಾಗಿದೆ ಎಂದು ಭಾವಿಸಿದ್ದೆವು. ಆದರೆ ಕಾದಂಬರಿ ಮತ್ತು ಹೊಸಗನ್ನಡ ಕವಿತೆಗಳನ್ನು ವ್ಯಾಸಂಗ ಮಾಡಿದ ಬಳಿಕ ನಮ್ಮ ಅಭಿಪ್ರಾಯ ಬದಲಾಯಿತು ಎಂದರು. 2.ಖ್ಯಾತ ಕವಿಗಳ ಕವಿತೆಗಳಿಂದ ಇತ್ತೀಚಿನವರ ಕವಿತೆಗಳನ್ನು ಪಠ್ಯಕ್ಕೆ ಆಯ್ಕೆ ಮಾಡಿದ್ದರಿಂದ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಸಮಾಜದ ವಿವಿಧ ಮಜಲುಗಳನ್ನು ಅರಿತುಕೊಳ್ಳಲು ನೆರವಾಯಿತು. 3.ವಿದ್ಯಾರ್ಥಿಗಳ ಬರವಣಿಗೆಯ ಸಾರ್ವತ್ಯವು ಇದರಿಂದ ಉತ್ತಮಗೊಂಡಿದೆ. ಮೊದಲು ಐದಾರು ವಾಕ್ಯಗಳಿಗೆ ಸೀಮಿತಗೊಳ್ಳುತ್ತಿದ್ದ ಅವರ ಬರಹವು ಎರಡು ಮೂರು ಪುಟಗಳಷ್ಟು ಬರೆಯುವ ಸಾಮರ್ಥ್ಯವನ್ನು ಪಡೆದುಕೊಂಡರು.
1ನೇ ಸೆಮಿಸ್ಟರ್ ಬಿ.ಎ. ಐಚ್ಛಿಕ ಕನ್ನಡ	1AOKANT	ಸಣ್ಣ ಕಥೆಗಳು, ಭಂದಸ್ಸು ಮತ್ತು ಸಾಹಿತ್ಯ ಪ್ರಕಾರಗಳು	1.ಕನ್ನಡ ಸಾಹಿತ್ಯಿಕ ಶಾಸ್ತ್ರೀಯ ವಿಷಯಗಳಲ್ಲಿ ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಆಸಕ್ತಿ ಮೂಡಿತು. 2.ಸಣ್ಣಕತೆಯ ಪ್ರಕಾರದಲ್ಲಿ ಆಸಕ್ತಿ ಬೆಳೆಸಿಕೊಂಡ ವಿದ್ಯಾರ್ಥಿಗಳು ವಿವಿಧ ಲೇಖಕರ ಕೃತಿಗಳ ಅಧ್ಯಯನಕ್ಕೆ ಮುಂದಾದರು. 3.ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಸಾಹಿತ್ಯಿಕ ಅಭಿರುಚಿ ಕಂಡು ಬಂದಿತು. 4.ಕೆಲವು ವಿದ್ಯಾರ್ಥಿಗಳು ಸಣ್ಣ ಕತೆಗಳ ರಚನೆಗೆ ಮುಂದಾದರು.
2ನೇ ಸೆಮಿಸ್ಟರ್ ಬಿ.ಎ	2ALKANT	ವಿಚಾರ ಸಾಹಿತ್ಯ ಮತ್ತು ನಾಟಕ	1.ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ವೈಚಾರಿಕ ಮನೋಬಾ ವ ಬೆಳೆದು ತಾರ್ಕಿಕವಾಗಿ ಆಲೋಚನೆ ಮಾಡುವ ವಿಧಾನವು ಬೆಳೆಯಿತು. 2.ನಾಟಕ ಕಲೆಯಲ್ಲಿ ಅಭಿರುಚಿ ಬೆಳೆದು ಕಾಲೇಜಿನಲ್ಲಿ ನಡೆಯುವ ಅಂತರ್ವರ್ಗೀಯ ನಾಟಕ ಸ್ಪರ್ಧೆಗಳಲ್ಲಿ ಆಸಕ್ತಿಯಿಂದ ಬಾ ಗವಹಿಸಿದರು. 3.ವೈಚಾರಿಕ ಮತ್ತು ನಾಟಕ ಕೃತಿಗಳ ಅಧ್ಯಯನದಲ್ಲಿ ಆಸಕ್ತಿ ಮೂಡಿದ್ದು ಕಂಡು ಬಂದಿತು. 4.ಕೆಲವು ವಿದ್ಯಾರ್ಥಿಗಳು ಸ್ವರಚಿತ ನಾಟಕಗಳನ್ನು ಕಾಲೇಜಿನ ನಾಟಕ ಸ್ಪರ್ಧೆಗಳಲ್ಲಿ ಪ್ರದರ್ಶನ ಮಾಡಿದರು.



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2ನೇ ಸೆಮಿಸ್ಟರ್ ಬಿ.ಎಸ್ಸಿ.	2SLKANT	ವಿಚಾರ ಸಾಹಿತ್ಯ ಮತ್ತು ನಾಟಕ	1.ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ವೈಚಾರಿಕ ಮನೋಬಾ ವ ಬೆಳೆದು ತಾರ್ಕಿಕವಾಗಿ ಆಲೋಚನೆ ಮಾಡುವ ವಿಧಾನವು ಬೆಳೆಯಿತು. 2.ನಾಟಕ ಕಲೆಯಲ್ಲಿ ಅಭಿರುಚಿ ಬೆಳೆದು ಕಾಲೇಜಿನಲ್ಲಿ ನಡೆಯುವ ಅಂತರ್ವರ್ಗೀಯ ನಾಟಕ ಸ್ಪರ್ಧೆಗಳಲ್ಲಿ ಆಸಕ್ತಿಯಿಂದ ಬಾ ಗವಹಿಸಿದರು. 3.ವೈಚಾರಿಕ ಮತ್ತು ನಾಟಕ ಕೃತಿಗಳ ಅಧ್ಯಯನದಲ್ಲಿ ಆಸಕ್ತಿ ಮೂಡಿದ್ದು ಕಂಡು ಬಂದಿತು. 4.ಕೆಲವು ವಿದ್ಯಾರ್ಥಿಗಳು ಸ್ವರಚಿತ ನಾಟಕಗಳನ್ನು ಕಾಲೇಜಿನ ನಾಟಕ ಸ್ಪರ್ಧೆಗಳಲ್ಲಿ ಪ್ರದರ್ಶನ ಮಾಡಿದರು.
2ನೇ ಸೆಮಿಸ್ಟರ್ ಬಿ.ಸಿ.ಎ.	2BLKANT	ವಿಚಾರ ಸಾಹಿತ್ಯ ಮತ್ತು ನಾಟಕ	1.ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ವೈಚಾರಿಕ ಮನೋಬಾ ವ ಬೆಳೆದು ತಾರ್ಕಿಕವಾಗಿ ಆಲೋಚನೆ ಮಾಡುವ ವಿಧಾನವು ಬೆಳೆಯಿತು. 2.ನಾಟಕ ಕಲೆಯಲ್ಲಿ ಅಭಿರುಚಿ ಬೆಳೆದು ಕಾಲೇಜಿನಲ್ಲಿ ನಡೆಯುವ ಅಂತರ್ವರ್ಗೀಯ ನಾಟಕ ಸ್ಪರ್ಧೆಗಳಲ್ಲಿ ಆಸಕ್ತಿಯಿಂದ ಬಾ ಗವಹಿಸಿದರು. 3.ವೈಚಾರಿಕ ಮತ್ತು ನಾಟಕ ಕೃತಿಗಳ ಅಧ್ಯಯನದಲ್ಲಿ ಆಸಕ್ತಿ ಮೂಡಿದ್ದು ಕಂಡು ಬಂದಿತು. 4.ಕೆಲವು ವಿದ್ಯಾರ್ಥಿಗಳು ಸ್ವರಚಿತ ನಾಟಕಗಳನ್ನು ಕಾಲೇಜಿನ ನಾಟಕ ಸ್ಪರ್ಧೆಗಳಲ್ಲಿ ಪ್ರದರ್ಶನ ಮಾಡಿದರು.
2ನೇ ಸೆಮಿಸ್ಟರ್ ಬಿ.ಕಾಂ.	2CLKANT	ವಿಚಾರ ಸಾಹಿತ್ಯ ಮತ್ತು ನಾಟಕ	1.ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ವೈಚಾರಿಕ ಮನೋಬಾ ವ ಬೆಳೆದು ತಾರ್ಕಿಕವಾಗಿ ಆಲೋಚನೆ ಮಾಡುವ ವಿಧಾನವು ಬೆಳೆಯಿತು. 2.ನಾಟಕ ಕಲೆಯಲ್ಲಿ ಅಭಿರುಚಿ ಬೆಳೆದು ಕಾಲೇಜಿನಲ್ಲಿ ನಡೆಯುವ ಅಂತರ್ವರ್ಗೀಯ ನಾಟಕ ಸ್ಪರ್ಧೆಗಳಲ್ಲಿ ಆಸಕ್ತಿಯಿಂದ ಬಾ ಗವಹಿಸಿದರು. 3.ವೈಚಾರಿಕ ಮತ್ತು ನಾಟಕ ಕೃತಿಗಳ ಅಧ್ಯಯನದಲ್ಲಿ ಆಸಕ್ತಿ ಮೂಡಿದ್ದು ಕಂಡು ಬಂದಿತು. 4.ಕೆಲವು ವಿದ್ಯಾರ್ಥಿಗಳು ಸ್ವರಚಿತ ನಾಟಕಗಳನ್ನು ಕಾಲೇಜಿನ ನಾಟಕ ಸ್ಪರ್ಧೆಗಳಲ್ಲಿ ಪ್ರದರ್ಶನ ಮಾಡಿದರು.



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2ನೇ ಸೆಮಿಸ್ಟರ್ ಬಿ.ಎ. ಐಚ್ಛಿಕ ಕನ್ನಡ	2AOKANT	ಕಾದಂಬರಿ, ವಿಶೇಷ ಕವಿ ಅಧ್ಯಯನ, ಛಂದಸ್ಸು ಮತ್ತು ಸಾಹಿತ್ಯ ಪ್ರಕಾರಗಳು	1.ಕನ್ನಡ ಸಾಹಿತ್ಯಿಕ ಶಾಸ್ತ್ರೀಯ ವಿಷಯಗಳಲ್ಲಿ ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಆಸಕ್ತಿ ಮೂಡಿತು. 2.ಕಾದಂಬರಿ ಪ್ರಕಾರದಲ್ಲಿ ಆಸಕ್ತಿ ಬೆಳೆಸಿಕೊಂಡ ವಿದ್ಯಾರ್ಥಿಗಳು ವಿವಿಧ ಲೇಖಕರ ಕೃತಿಗಳ ಅಧ್ಯಯನಕ್ಕೆ ಮುಂದಾದರು. 3.ವಿಶೇಷ ಕವಿಯಾಗಿ ಕೆ.ಎಸ್.ನರಸಿಂಹಸ್ವಾಮಿಯವರ ಸಾಹಿತ್ಯ ಅಧ್ಯಯನದಲ್ಲಿ ಅಭಿರುಚಿ ಮೂಡಿದ್ದು ಕಂಡು ಬಂದಿತು. 4.ಕೆಲವು ವಿದ್ಯಾರ್ಥಿಗಳು ಚುಟುಕು ಸಾಹಿತ್ಯ ರಚನೆಗೆ ಮುಂದಾದರು.
3ನೇ ಸೆಮಿಸ್ಟರ್ ಬಿ.ಎ.	3ALKANT	ನಡುಗನ್ನಡ ಕಾವ್ಯ ಮತ್ತು ಜನಪದ ಸಾಹಿತ್ಯ	1.ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ನಡುಗನ್ನಡ ಸಾಹಿತ್ಯದ ಬಗ್ಗೆ ಆಸಕ್ತಿ ಮೂಡಿತು. 2.ಅನಕರ್ಪಸ್ಥ ಸಮುದಾಯ ರಚಿಸಿದ ಜನಪದ ಸಾಹಿತ್ಯದ ಅಧ್ಯಯನದಿಂದ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಹೊಸ ಜಗತ್ತಿನ ಪರಿಚಯವಾದಂತಾಯಿತು.. 3.ಆಧುನಿಕತೆಯ ವ್ಯಾವಹಾರಿಕ ಜಗತ್ತಿನಲ್ಲಿ ಬದುಕುತ್ತಿರುವ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಜನಪದರು ತಮ್ಮ ಸಾಹಿತ್ಯದಲ್ಲಿ ಪ್ರತಿಪಾದಿಸಿದ ಮಾನವೀಯ ಸಂಬಂಧಗಳ ಪರಿಚಯವಾಯಿತು. 3.ಭಕ್ತಿ ಸಾಹಿತ್ಯದಲ್ಲಿ ಅಡಗಿದ್ದ ನೈಜ ಭಕ್ತಿ ಮತ್ತು ಡಾಂಚಿಕ ಆಚರಣೆಗಳ ಅಧ್ಯಯನದಿಂದ ನೈಜ ಮತ್ತು ಪೊಳ್ಳು ಸಂಗತಿಗಳ ನಡುವಿನ ಅಂತರವನ್ನು ಅರಿತುಕೊಂಡರು.
3ನೇ ಸೆಮಿಸ್ಟರ್ ಬಿ.ಎಸ್ಸಿ.	3SLKANT	ನಡುಗನ್ನಡ ಕಾವ್ಯ ಮತ್ತು ಜನಪದ ಸಾಹಿತ್ಯ	1.ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ನಡುಗನ್ನಡ ಸಾಹಿತ್ಯದ ಬಗ್ಗೆ ಆಸಕ್ತಿ ಮೂಡಿತು. 2. ಅನಕರ್ಪಸ್ಥ ಸಮುದಾಯ ರಚಿಸಿದ ಜನಪದ ಸಾಹಿತ್ಯದ ಅಧ್ಯಯನದಿಂದ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಹೊಸ ಜಗತ್ತಿನ ಪರಿಚಯವಾದಂತಾಯಿತು.. 3.ಆಧುನಿಕತೆಯ ವ್ಯಾವಹಾರಿಕ ಜಗತ್ತಿನಲ್ಲಿ ಬದುಕುತ್ತಿರುವ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಜನಪದರು ತಮ್ಮ ಸಾಹಿತ್ಯದಲ್ಲಿ ಪ್ರತಿಪಾದಿಸಿದ ಮಾನವೀಯ ಸಂಬಂಧಗಳ ಪರಿಚಯವಾಯಿತು. 4. ಭಕ್ತಿ ಸಾಹಿತ್ಯದಲ್ಲಿ ಅಡಗಿದ್ದ ನೈಜ ಭಕ್ತಿ ಮತ್ತು ಡಾಂಚಿಕ ಆಚರಣೆಗಳ ಅಧ್ಯಯನದಿಂದ ನೈಜ ಮತ್ತು ಪೊಳ್ಳು ಸಂಗತಿಗಳ ನಡುವಿನ ಅಂತರವನ್ನು ಅರಿತುಕೊಂಡರು.



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Semester	Subject Code	Title of the paper	Outcomes
3ನೇ ಸೆಮಿಸ್ಟರ್ ಬಿ.ಸಿ.ಎ.	3BLKANT	ನಡುಗನ್ನಡ ಕಾವ್ಯ ಮತ್ತು ಪ್ರಬಂಧ ಸಾಹಿತ್ಯ	1.ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ನಡುಗನ್ನಡದ ಪೌರಾಣಿಕ ಸಾಹಿತ್ಯದಲ್ಲಿ ಬಿಂಬಿತವಾಗಿದ್ದ ಮೌಲ್ಯಗಳನ್ನು ಅರಿತುಕೊಂಡರು. ಪೌರಾಣಿಕ ಕಾವ್ಯಗಳ ಬಗ್ಗೆ ಆಸಕ್ತಿ ಮೂಡಿತು. 2.ಪ್ರಬಂಧ ಸಾಹಿತ್ಯವು ಪರಿಸರ ಮತ್ತು ಸಮಾಜದಲ್ಲಿನ ಮೌಲ್ಯಗಳ ಬಗ್ಗೆ ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಅರಿವು ಮೂಡಿಸಿತು. 3.ಸಮಾಜದಲ್ಲಿನ ಮೌಲ್ಯಗಳ ಬಗ್ಗೆ ಪ್ರಬಂಧಕಾರರು ಸಾಹಿತ್ಯಕವಾಗಿ ಪ್ರತಿಪಾದಿಸಿದ್ದ ಮೌಲ್ಯಗಳನ್ನು ವಿದ್ಯಾರ್ಥಿಗಳು ಅರಿಯುವಂತಾಯಿತು. 4.ಭಕ್ತಿ ಸಾಹಿತ್ಯದಲ್ಲಿ ಅಡಗಿದ್ದ ನೈಜ ಭಕ್ತಿ ಮತ್ತು ಡಾಂಚಿಕ ಆಚರಣೆಗಳ ಅಧ್ಯಯನದಿಂದ ನೈಜ ಮತ್ತು ಪೊಳ್ಳು ಸಂಗತಿಗಳ ನಡುವಿನ ಅಂತರವನ್ನು ಅರಿತುಕೊಂಡರು.
3ನೇ ಸೆಮಿಸ್ಟರ್ ಬಿ.ಕಾಂ	3CLKANT	ನಡುಗನ್ನಡ ಕಾವ್ಯ, ಜನಪದ ಸಾಹಿತ್ಯ ಮತ್ತು ವ್ಯಾವಹಾರಿಕ ಕನ್ನಡ	1. ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ನಡುಗನ್ನಡ ಸಾಹಿತ್ಯದ ಬಗ್ಗೆ ಆಸಕ್ತಿ ಮೂಡಿತು. 2.ಅನಕ್ಷರಸ್ಥ ಸಮುದಾಯ ರಚಿಸಿದ ಜನಪದ ಸಾಹಿತ್ಯದ ಅಧ್ಯಯನದಿಂದ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಹೊಸ ಜಗತ್ತಿನ ಪರಿಚಯವಾದಂತಾಯಿತು.. 3.ಆಧುನಿಕತೆಯ ವ್ಯಾವಹಾರಿಕ ಜಗತ್ತಿನಲ್ಲಿ ಬದುಕುತ್ತಿರುವ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಜನಪದರು ತಮ್ಮ ಸಾಹಿತ್ಯದಲ್ಲಿ ಪ್ರತಿಪಾದಿಸಿದ ಮಾನವೀಯ ಸಂಬಂಧಗಳ ಪರಿಚಯವಾಯಿತು. 4. ವಿದ್ಯಾರ್ಥಿಗಳು ಕನ್ನಡದಲ್ಲಿ ವ್ಯಾವಹರಿಸುವುದನ್ನು ಕಲಿತು. ಪತ್ರ ವ್ಯಾವಹಾರ. ಸಭೆಗಳ ಕಾರ್ಯಸೂಚಿ, ತೀರ್ಮಾನಗಳು ಇತ್ಯಾದಿಗಳನ್ನು ತಯಾರಿಸುವ ಸಾಮರ್ಥ್ಯವನ್ನು ಪಡೆದುಕೊಂಡರು.
3ನೇ ಸೆಮಿಸ್ಟರ್ ಬಿ.ಎ. ಐಚ್ಛಿಕ ಕನ್ನಡ	3AOKANT	ನಡುಗನ್ನಡ ಕಾವ್ಯ, ಕಾವ್ಯ ಮೀಮಾಂಸೆ, ಛಂದಸ್ಸು ಮತ್ತು ಸಾಹಿತ್ಯ ಚರಿತ್ರೆ	1.ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ನಡುಗನ್ನಡ ಸಾಹಿತ್ಯದ ಬಗ್ಗೆ ಆಸಕ್ತಿ ಮೂಡಿತು. 2.ಜನಪದ ಸಾಹಿತ್ಯದಲ್ಲಿನ ಮೌಲ್ಯಗಳ ಅರಿವಾಯಿತು. 3.ಸಾಹಿತ್ಯದ ಶಿಸ್ತುಗಳ ಅರಿವಾಯಿತು. 4. ಸಾಹಿತ್ಯ ಚರಿತ್ರೆಯನ್ನು ಪರಿಚಯ ಮಾಡಿಕೊಳ್ಳುವ ಮೂಲಕ ಪರಂಪರೆಯ ಅರಿವನ್ನು ಪಡೆದುಕೊಂಡರು.
4ನೇ ಸೆಮಿಸ್ಟರ್ ಬಿ.ಎ.	4ALKANT	ಪ್ರಾಚೀನ ಕಾವ್ಯ, ಶಾಸನ ಸಾಹಿತ್ಯ ಮತ್ತು ಸಂವಹನ ಕನ್ನಡ	1.ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಹಳೆಗನ್ನಡ ಸಾಹಿತ್ಯದ ಬಗ್ಗೆ ಆಸಕ್ತಿ ಮೂಡಿತು. 2. ಪ್ರಾಚೀನತೆಯನ್ನು ಸಾರುವ ಶಾಸನ ಸಾಹಿತ್ಯವು ಸಾರಿದ ಕೋಮು ಸಾಮರಸ್ಯವನ್ನು ಪರಿಚಯಿಸಿದ್ದರಿಂದ ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ವಿಶಾಲ ಮನೋಭಾವ ಮೂಡಿತು. 3.ಅಭಿಜಾತ ಸಾಹಿತ್ಯದ ಮೌಲ್ಯಗಳ ಅರಿವಾಯಿತು. 4. ಸಂವಹನ ಮಾಧ್ಯಮಗಳ ಮಹತ್ವ ಮತ್ತು ಕಾರ್ಯವಿಧಾನವನ್ನು ಅರಿತುಕೊಂಡರು.



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Semester	Subject Code	Title of the paper	Outcomes
4ನೇ ಸೆಮಿಸ್ಟರ್ ಬಿ.ಎಸ್ಸಿ.	4SLKANT	ಪ್ರಾಚೀನ ಕಾವ್ಯ, ಶಾಸನ ಸಾಹಿತ್ಯ ಮತ್ತು ಸಂವಹನ ಕನ್ನಡ	1.ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಹಳೆಗನ್ನಡ ಸಾಹಿತ್ಯದ ಬಗ್ಗೆ ಆಸಕ್ತಿ ಮೂಡಿತು. 2.ಪ್ರಾಚೀನತೆಯನ್ನು ಸಾರುವ ಶಾಸನ ಸಾಹಿತ್ಯವು ಸಾರಿದ ಕೋಮು ಸಾಮರಸ್ಯವನ್ನು ಪರಿಚಯಿಸಿದ್ದರಿಂದ ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ವಿಶಾಲ ಮನೋಭಾವ ಮೂಡಿತು. 3.ಅಭಿಜಾತ ಸಾಹಿತ್ಯದ ಮೌಲ್ಯಗಳ ಅರಿವಾಯಿತು. 4.ಸಂವಹನ ಮಾಧ್ಯಮಗಳ ಮಹತ್ವ ಮತ್ತು ಕಾರ್ಯವಿಧಾನವನ್ನು ಅರಿತುಕೊಂಡರು.
4ನೇ ಸೆಮಿಸ್ಟರ್ ಬಿ.ಸಿ.ಎ.	4BLKANT	ಪ್ರಾಚೀನ ಕಾವ್ಯ, ಪ್ರವಾಸ ಸಾಹಿತ್ಯ ಮತ್ತು ಕಂಪ್ಯೂಟರ್ ಕನ್ನಡ	1.ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಹಳೆಗನ್ನಡ ಸಾಹಿತ್ಯದ ಬಗ್ಗೆ ಆಸಕ್ತಿ ಮೂಡಿತು. 2.ಪ್ರವಾಸ ಸಾಹಿತ್ಯದ ಅಧ್ಯಯನ ಮೂಲಕ ವಿವಿಧ ದೇಶಗಳ ಬೌ ಗೋಳಿಕ ಮತ್ತು ಜನರ ಸಂಸ್ಕೃತಿಯನ್ನು ಅರಿತುಕೊಂಡರು. 3.ಅಭಿಜಾತ ಸಾಹಿತ್ಯದ ಮೌಲ್ಯಗಳ ಅರಿವಾಯಿತು. 4.ಕಂಪ್ಯೂಟರ್‌ನಲ್ಲಿ ಕನ್ನಡವನ್ನು ಬಳಸುವುದು. ಕಂಪ್ಯೂಟರ್‌ನ ಬಿಡಿ ಬ್ಯಾಗಳಿಗೆ ಬಳಸಲಾಗುವ ಕನ್ನಡದ ಪದಗಳನ್ನು ಕಲಿತರು.
4ನೇ ಸೆಮಿಸ್ಟರ್ ಬಿ.ಕಾಂ	4CLKANT	ವಾಣಿಜ್ಯ ಕನ್ನಡ ಮತ್ತು ಕಥಾ ಸಾಹಿತ್ಯ	1.ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಕಥಾ ಸಾಹಿತ್ಯದ ಬಗ್ಗೆ ಆಸಕ್ತಿ ಮೂಡಿತು. 2. ಕನ್ನಡವನ್ನು ಮಾತ್ರ ಬಲ್ಲ ವಿದ್ಯಾರ್ಥಿಗಳು ಕನ್ನಡದಲ್ಲೇ ವ್ಯಾವಹರಿಸಿ ಆತ್ಮ ವಿಶ್ವಾಸವನ್ನು ಬೆಳೆಸಿಕೊಂಡರು. 3.ಸಂವಹನ ಮಾಧ್ಯಮಗಳ ಮಹತ್ವ ಮತ್ತು ಕಾರ್ಯವಿಧಾನವನ್ನು ಅರಿತುಕೊಂಡರು. 4. ಸಣ್ಣ ಮಾದರಿಯ ಕಥೆಗಳನ್ನು ರಚಿಸಲು ಮುಂದಾದರು.
4ನೇ ಸೆಮಿಸ್ಟರ್ ಬಿ.ಎ. ಐಚ್ಛಿಕ ಕನ್ನಡ	4AOKANT	ಆತ್ಮಕಥನ, ವಿಮರ್ಶೆ, ಛಂದಸ್ಸು ಮತ್ತು ಸಾಹಿತ್ಯ ಚರಿತ್ರೆ	1.ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಆತ್ಮಕಥನಗಳಲ್ಲಿ ಆಸಕ್ತಿ ಮೂಡಿತು. 2.ಸಾಹಿತ್ಯ ಅಧ್ಯಯನ ವಿಧಾನವನ್ನು ಅರಿತುಕೊಂಡರು. 3.ಸಾಹಿತ್ಯವನ್ನು ಅರ್ಥೈಸುವ ಬಗೆಯ ಪರಿಚಯ ಮಾಡಿಕೊಂಡರು. 4. ಸಾಹಿತ್ಯ ಚರಿತ್ರೆಯನ್ನು ಪರಿಚಯ ಮಾಡಿಕೊಳ್ಳುವ ಮೂಲಕ ಪರಂಪರೆಯ ಅರಿವನ್ನು ಪಡೆದುಕೊಂಡರು. 5. ಅಂಶಗಣಾನ್ವಿತ ಛಂದಸ್ಸಿನ ಪರಿಚಯ ಮಾಡಿಕೊಂಡರು



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Semester	Subject Code	Title of the paper	Outcomes
5ನೇ ಸೆಮಿಸ್ಟರ್ ಬಿ.ಎ. ಐಚ್ಛಿಕ ಕನ್ನಡ - ಪತ್ರಿಕೆ 5	5AOKN5T	ಕನ್ನಡ ಭಾಷಾ ರಚನೆ ಮತ್ತು ಚರಿತ್ರೆ	1.ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಕನ್ನಡ ಬಾ ಷೆಯ ಚರಿತ್ರೆ ಬಗ್ಗೆ ಆಸಕ್ತಿ ಮೂಡಿತು. 2/ಬಾ ಷೆಯ ಹಲವು ಅವಸ್ಥೆಗಳ ಅರಿವಾಯಿತು. 3.ಬಾ ಷೆಗೆ ಸಂಬಂಧಿಸಿದ ಹಲವು ಶಾಸ್ತ್ರೀಯ ಅಂಶಗಳನ್ನು ಅಧ್ಯಯನ ಮಾಡಿದರು. 4.ಕನ್ನಡ ಬಾ ಷೆಯ ಚರಿತ್ರೆ ಮತ್ತು ಇತರ ಬಾ ಷೆಗಳೊಂದಿಗೆ ಹೊಂದಿರುವ ಸಂಬಂಧಗಳನ್ನು ಅರಿತುಕೊಳ್ಳುವ ಮೂಲಕ ಪರಂಪರೆಯ ಅರಿವನ್ನು ಪಡೆದುಕೊಂಡರು.
5ನೇ ಸೆಮಿಸ್ಟರ್ ಬಿ.ಎ. ಐಚ್ಛಿಕ ಕನ್ನಡ - ಪತ್ರಿಕೆ 6	5AOKN6T	ಹಳೆಗನ್ನಡ ಕಾವ್ಯ, ಜನಪದ ಕಾವ್ಯ ಮತ್ತು ನಾಟಕ	1.ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಹಳೆಗನ್ನಡ ಸಾಹಿತ್ಯದಲ್ಲಿನ ಗದ್ಯ ಸಾಹಿತ್ಯದ ಪರಿಚಯವಾಯಿತು. 2.ಜನಪದ ಸಾಹಿತ್ಯದಲ್ಲಿನ ಮೌಲ್ಯಗಳ ಅರಿವಾಯಿತು. 3.ದೃಶ್ಯ ಕಾವ್ಯವಾಗಿರುವ ನಾಟಕವನ್ನು ಓದುವ ಪರಿಯನ್ನು ಅರಿತುಕೊಂಡರು. 4.ಸಾಹಿತ್ಯದಲ್ಲಿ ಬಿಂಬಿತವಾಗಿದ್ದ ಸಂವೇದನಾಶೀಲ ಮನೋಭಾವದ ಅರಿವಾಯಿತು.
6ನೇ ಸೆಮಿಸ್ಟರ್ ಬಿ.ಎ. ಐಚ್ಛಿಕ ಕನ್ನಡ - ಪತ್ರಿಕೆ 7	6AOKN7T	ಕನ್ನಡ ಭಾಷೆಯ ವಿವಿಧ ನೆಲೆಗಳು ಮತ್ತು ಸಂವಹನದ ಸ್ವರೂಪ	1.ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಬಾ ಷೆ ಬಳಕೆ ಮತ್ತು ಬರವಣಿಗೆಯ ಕೌಶಲ್ಯ ಸುದೃಢ ರಿಸಿತು. 2.ಕನ್ನಡ ಬಾ ಷೆಯ ಜೊತೆಯಲ್ಲಿ ಇತರ ಬಾ ಷೆಗಳು ಹೊಂದಿರುವ ಕೊಡುಕೊಳ್ಳುಗಳನ್ನು ಅರಿತುಕೊಂಡರು. 3.ಕನ್ನಡ ಬಾ ಷೆಯ ಬಿನ್ನಿತ್ಯಗಳನ್ನು ಅರಿತುಕೊಂಡರು. 4.ಸಂವಹನ ಮಾಧ್ಯಮಗಳಲ್ಲಿ ಭಾಷೆ ಪಡೆದುಕೊಂಡಿರುವ ಕೌಶಲ್ಯವನ್ನು ಅರಿತುಕೊಂಡರು.
6ನೇ ಸೆಮಿಸ್ಟರ್ ಬಿ.ಎ. ಐಚ್ಛಿಕ ಕನ್ನಡ - ಪತ್ರಿಕೆ 8	6AOKN8T	ವಿಮರ್ಶೆ ಪರಿಕಲ್ಪನೆಗಳು ಪಠ್ಯ ಕೇಂದ್ರಿತ	1.ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ವಿಮರ್ಶಾ ದೃಷ್ಟಿಕೋನ ಮೂಡಿತು. 2. ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ವಿಶ್ಲೇಷಣಾ ಮನೋಭಾವ ಬೆಳೆಯಿತು. 3. ವಿದ್ಯಾರ್ಥಿಗಳು ಪ್ರಾಯೋಗಿಕ ವಿಮರ್ಶೆಗೆ ಮುಂದಾದರು. 4. ವಿದ್ಯಾರ್ಥಿಗಳಲ್ಲಿ ಅಂತಃವಿಮರ್ಶಾ ದೃಷ್ಟಿಕೋನ ಬೆಳೆಯಿತು.



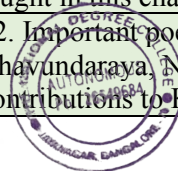
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CO – COURSE OUTCOME

2021-2022

UNDER GRADUATE DEPARTMENT – KANNADA

Semester	Subject Code	Paper Title	Course Outcome
1	BA1LK1	KANNADA LANGUAGE PAPER - 1(BA)	01. The studying First Unit the students will aquire knowledge about Kannada state , Kannada Language and Kannada thought.
			02. By studying second unit students will aquire indepth Knowledge of Nature and flora and fauna of Kannada Naadu.
			03. By studying Third unit the student will learn about the childhood, human relations, family attachments a through poems, article and autobiographis
			04. The Fourth Unit gives details about Constitution, Methods of Historical learning, and Political Philosophies.
2	BS1-LK1	KANNADA LANGUAGE PAPER - 1(B.Sc)	01. The studying First Unit the students will aquire knowledge about Kannada state , Kannada Language and Kannada thought.
			02. Folk litrature, the ancient Kannada Litrature and Modern Kannada Litrature gives details about earth and its importance
			03. The Vachanas, the articals give details about the scientific thinking through Third Unit.
			04. The Fourth Unit gives allround details about Science and Litrature, Organic diversions and flora and founa.
3	BB1-LK1	KANNADA LANGUAGE PAPER - 1(B.C.A)	01. The First Unit describes about Kannada State , Nature , Culture through Poems, Prose and Articales.
			02. Different types of stories, Poems related to atmosphere is been describe in the Second Unit.
			03. The Third Unit gives information about Womens adult life through the incidence, religion , etc...
			04. The Fourth Unit gives details about the importance of Kannada in the techonological world.
4	BC1-LK1	KANNADA LANGUAGE PAPER - 1(B.Com)	01. The First Unit gives details about the challenges which is faced by Kannada in the Present world.
			02. Through Culture, Love and affection, Nationalism and Spirituality is been taught.
			03. The impact of Globalizationon the ancient education system is been taught in this Unit.
			04. The Fourth Unit gives details about different types of business , CoOperative groups and Market development and Democracy.
5	BA1-OPKCT1	OPTIONAL KANNADA PAPER - 1(B.A)	01. Kannaada Language, Ancient Kannada Litrature, steps of ancient Litratureand Kavirajamaarga is been taught in this chapter
		(Ancient Kannada Litrature)	02. Important poets like Srivijaya, Pampa, Ponna, Chayundaraya, Nagavarma, Ranna, Durgashima contributions to Kannada Litrature is been taught



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			03. It gives information about History of Kannada Literature with different concepts.
			04. Different Poems and Prose are included to give complete information about Kannada Literature. Like Srivijayas text and Badami Inscription, Durgasimha, Pampa and Rannas text.
6	BA1-OPKCT2	OPTIONAL KANNADA PAPER - 2(B.A)	01. It gives details about Medieval literature and Poets and Vachanakaaras like Basavanna, Allamaprabhu, Akkamahadevi, Harihara, Raghavaanka, Chamarasa and many more.
		(Medival Kannada Literature)	02. It gives details about types of Medieval Kannada literature. Like Vachanas, swara vachanas, Ragale, Tripadis, Keerathanasa and many more.
			03. Medieval Kannada literatures features, characters, and Socio and cultural aspects relations with society is been discussed.
			04. Different Poems and Prose are included to give complete information about Kannada Literature. Like Vachana, Swaravachanas, Keerthanas, and Poems etc...
7	BA1-LFK1	FUNCTIONAL KANNADA PAPER - 1	Chapter 1 and 2. Introducing each other, personal Pronouns, Possessive forms, yes/no type interrogative
			Chapter 3. and 4. about Mahatma Gandhi, Possessive forms of Noun, dubitive questions, relative nouns, enquiring about college, quantitative and qualitative adjectives.
			Chapter 5. and 6. enquiring about room, Predicative forms, locative cases, dative cases, basic numerals
			In a close shop, colour adjective, defective verbs, plan to go for picnic, imperative, premissive and hortative, enquiring about family.
8	OE1	OPEN ELECTIVE KANNADA PAPER - 1	Alphabets, sentence formation, Grammar, Nouns, Pronouns, past/present/future, proverbs



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2022-2023

CO – COURSE OUTCOME

DEPARTMENT OF KANNADA

Sem	Subject Code	Paper Title	Course Outcome
III SEMESTER			
	BA3-LK1	KANNADA LANGUAGE PAPER - III BA	CO1 It gives knowledge about translation , features, article writing, different types of letter writing . CO2 sentence formation , Essay writing , article symbols, errors correction in sentence formation. CO3 It gives details about computer related articles, policy related articles etc.
	BS3-LK1	KANNADA LANGUAGE PAPER III BSC	
	BB3-LK1	KANNADA LANGUAGE PAPER III BCA	
	BC3-LK1	KANNADA LANGUAGE PAPER III BCOM	
	BA3- OPKCT5	III BA (OPT KAN) Bharatheeya Mathu Pashchathya Kaavyameemaamse	
	BA3- OPKCT6	III BA (OPT KAN) Kannada Kavya Meemaamseye Roopagalu	
	OE3-KAN3	III (OE) Bhashanthara Kowshala	
IV SEMESTER	BA4-LK1	KANNADA LANGUAGE PAPER IV BA	CO1 it gives details about research CO2 It gives details about Folklore and women literature CO3 It gives details about process and maintenance of Kannada press CO4 It gives details about new digital media01. it gives details about research
	BS4-LK1	KANNADA LANGUAGE PAPER IV BSC	
	BB4-LK1	KANNADA LANGUAGE PAPER IV BCA	
	BC4-LK1	KANNADA LANGUAGE PAPER IV BCOM	
	BA4- OPKCT7	IV BA (OPT KAN) Samshodhane Mathu Vimarshe	
	BA4- OPKCT8	IV BA (OPT KAN) Jaanapada Hagu Mahila Sahithya	

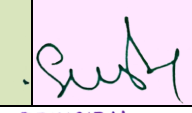


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PO, PSO- PROGRAM OUTCOMES AND PROGRAM SPECIFIC OUTCOMES
2021-2022

DEPARTMENT OF KANNADA					
Sl.No.	Programme Name	Program Code	Sub Code	Programme outcomes	Programme Specific outcomes
1	B.A./B.Sc./BCA/B.Com	UNAKH	BA1-LK1	PO1: The programme helps the students to express their ideas and opinions with a good command over language. PO2: Promotes leadership qualities through oration. PO3: Mould the students into an accommodative, broad minded citizens with good behavior and character PO4: Aims at exploring Indian culture and heritage through Kannada literature. PO5: It helps in cognitive as well as intellectual development.	PSO1: To explore various avenues in the field of media, research, reporting. PSO2: Encouraging the students to take up competitive exams such has KAS and IAS PSO3: Promotes students to take up post graduation studies and help in clearing NET, KSET and JRF.
			BS1-LK1		
			BB1-LK1		
			BC2-LK1		
			BA2-OPKCT1		
			BA2-OPKCT2		
			BA-1LKF1,BS1LKF1,BB2LK1		
			OE1		
			BA2-LK2	PO1. It helps the students to share their ideas, opinions, feelings and emotions freely and happily with good command on they own it. PO2. Opting Kannada language at their under graduate level provides generation. PO3. Promote leadership qualities through oration PO4. Make the students free from visuals as to develop love to Indian culture and heritage through Kannada literature. PO5. It helps in cognitive as well as intellectual development. PO6. Mould the students into an accommodative, broad minded and duty minded citizens with good behaviour and character PO7. It helps you connect with your culture and people. Our languages keep our cultural heritage alive.	PSO:1The student will be well versed with the major literary trends and movements and schools of criticism. PSO:2The student will be acquainted with various schools of linguistics and applied linguistics. PSO3 The student will be familiar with research practices in language and literature. PSO4: The student will compose a dissertation based on approved research topic.
			BS2-LK2		
			BB2-LK2		
			BC2-LK1		
			BA2-OPKCT3		
			BA2-OPKCT4		
			OE2		




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**PO, PSO- PROGRAM OUTCOMES AND PROGRAM SPECIFIC OUTCOMES
2022-2023**

Programme Name	Program Code	Programme outcomes	Programme Specific outcomes
DEPARTMENT OF KANNADA			
KANNADA LANGUAGE PAPER - 3(BA)	BA3-LK3	PO1: The programme helps the students to express their ideas and opinions with a good command over language.	PSO1: To explore various avenues in the field of media, research, reporting.
KANNADA LANGUAGE PAPER - 3(B.Sc)	BS3-LK3	PO2: Promotes leadership qualities through oration.	PSO2: Encouraging the students to take up competitive exams such as KAS and IAS
KANNADA LANGUAGE PAPER - 3(B.C.A)	BB3-LK3	PO3: Mould the students into an accommodative, broad minded citizens with good behavior and character	PSO3: Promotes students to take up post graduation studies and help in clearing NET, KSET and JRF.
KANNADA LANGUAGE PAPER - 3(B.Com)	BC3-LK3	PO4: Aims at exploring Indian culture and heritage through Kannada literature.	
OPTIONAL KANNADA PAPER - 3(B.A)	BA3-OK3	PO5: It helps in cognitive as well as intellectual development.	




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UNDER GRADUATE DEPARTMENT - ENGLISH

2018-2021

Programme Name	Programme Outcomes / Programme Specific Outcomes
GENERAL ENGLISH-CBCS PAPER-I	1.Develops Literary sensibilities among the students. 2.Facilitates a learner-centred approach and offers a scope for interaction in the classroom. 3.Provides an insight into the issues of contemporary relevance 4.Enriches the learners with an analytical bent of mind. 5.Grammar Section enables the learners to have a better knowledge of the four skills of language.
GENERAL ENGLISH-CBCS PAPER-II	1.Text Books prescribed cater to the need of awareness about the issues of Contemporary importance such as war, terrorism, peace, travel, sports art, culture and there by provide a useful insights into the multi-dimensional facets of society and human behaviour. 2.Communication Skills Component provides an opportunity for the development of language skills.
GENERAL ENGLISH-CBCS- PAPER- III	1.The non - canonical nature of the selections such as discrimination, war, culture and folklore develops literary Sensibilities and Communication Skills among the students.
GENERAL ENGLISH-CBCS- PAPER-IV	1.The selections enable the students to empathize with the issues of humanity and to question the choices that threaten a peaceful living. 2.The selections help the students to re-read our mythologies and understand them from the contemporary perspective. 3.It also broadens the outlook of the students as the selections pan across the cultural and linguistic heritages world over.




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COURSE OUTCOME

Semester	Subject code	Title of the Paper	Outcomes
I Sem B.A.	1AOENGT	Introduction to Literature CBCS -Paper I	1.Sensitizes the students to the relevant issues related to the realities of life. 2.Helps Develop better skills perspective among students 3. Students learn to imbibe and appreciate the values of life through Literature.
II Sem B.A.	2AOENGT	American Literature CBCS-Paper-II	1.Enables the students to appreciate American 2.Literature as expressions of values within the social, political, cultural, and religious contexts of different literary periods.
III Sem B.A.	3AOENGT	The History of English Language and History of English Literature An Introduction - Part-I [With the prescribed texts]	1.Familiarizes the students with the characteristic and the history of English Language. 2.Provides better exposure to various forms of literature such as poetry, dramas, short stories and essays. 3.Guides the students to acquire a proper and methodical approach towards the study and understanding of Language and Literature.
IV Sem B.A.	4AOENGT	The History of English Language and History of English Literature An Introduction - Part-II [With the prescribed texts]	1.Provides information about the influences on the English Vocabulary and the contributions made by Shakespeare and Milton as Word Makers. 2.Equips the learners with the skills to comprehend and appreciate the evaluation of the postmodern writing and the emergence of English Language qualifying to get the status of World Language.




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Semester	Subject code	Title of the Paper	Outcomes
V Sem B.A. Paper-V	5AOEN5T	Literature of India - An Introduction -Part-I	1.Learners get acquainted with the various forms and Indian English Literature. 2.Learners get sensitized and enlighten to appreciate a wide and varied range of Indian Literatures in transitions.
V Sem B.A. Paper-VI	5AOEN6T	European and Non-European Writing Part-I	1.Students gets exposure to several issues, styles, concerns and the techniques specific to region, nation and culture. 2.Provides an exposure to the practical application of various literary theories.
VI Sem B.A. Paper-VII	6AOENG7	Literatures of India: An Introduction Part-II	1.Students get more exposure to different genres of writing traditions comprising multiple voices and social themes. 2.Get acquainted with serious issues prevalent in the society like Gender Discrimination. 3. Acquire the knowledge of various cultures. 4. Get acquainted with Dalit literature. 5.Provides an insight in to some of the serious issues like war. 6. Application of critical theories like Feminism
VI Sem B.A. Paper-VIII	6AOENG8	European and non-European Writing: Part-II	1.Students get acquainted with post-colonial Literature, Theories and Criticism. 2.Prescribed texts provide a scope for critical analysis of commonalities and differences. 3.Enlightens the students about the importance of literary theories in practice. 4.Get acquainted with the issues of Discrimination. 5.Acquire the knowledge of various cultures. 6.Get acquainted with serious issues prevalent in the society like Gender Discrimination.



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OPTIONAL ENGLISH

Sl. No.	Semester	Subject Code	Title of the paper	Outcomes
1	I Sem B.A.	1AOENGT	Introduction to Literature CBCS -Paper I	1.Sensitizes the students to the relevant issues related to the realities of life 2.Helps Develop better skills perspective among students. 3.Students learn to imbibe and appreciate the values of life through Literature.
2	II Sem B.A.	2AOENGT	American Literature CBCS-Paper-II	1. Enables the students to appreciate American Literature as expressions of values within the social, political, cultural, and religious contexts of different literary periods.
3	III Sem B.A.	3AOENGT	The History of English Language and History of English Literature An Introduction - Part-I [With the prescribed texts]	1.Familiarizes the students with the characteristic and the history of English Language. 2.Provides better exposure to various forms of literature such as poetry, dramas, short stories and essays. Guides the students to acquire a proper and methodical approach towards the study and understanding of Language and Literature.



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Sl. No.	Semester	Subject Code	Title of the paper	Outcomes
4	IV Sem B.A.	AOENGT	The History of English Language and History of English Literature An Introduction - Part-II [With the prescribed texts]	1. Provides information about the influences on the English Vocabulary and the contributions made by Shakespeare and Milton as Word Makers. 2.Equips the learners with the skills to comprehend and appreciate the evolution of the postmodern writing and the emergence of English Language qualifying to get the status of World Language.
5	V Sem B.A. Paper-V	5AOEN5T	Literature of India An Introduction Part-I	1.Learners get acquainted with the various forms and Indian English Literature. 2.Learners get sensitized and enlightened appreciate a wide and varied range of Indian Literatures in translations.
	V Sem B.A. Paper-VI	5AOEN6T	European and Non-European Writing Part-I	1.Students gets exposure to several issues, styles, concerns and the techniques specific to region, nation and culture. 2.Provides an exposure to the practical application of various literary theories.
6	VI Sem B.A. PaperVII	6AOENG7	Literatures of India: An Introduction Part-II	1.Students get more exposure to different genres of writing traditions comprising multiple voices and social themes. 2.Provides an opportunity to study modern Indian Poetry. 3.Provides an insight in to some of the serious issues relevant to our times.



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	VI Sem B.A. Paper VIII	6AOENG8	European and non-European Writing: Part-II	1.Students get acquainted with post-colonial Literature, •Theories and Criticism. 1.Prescribed texts provide a scope for critical analysis of commonalities and differences. 2.Enlightens the students about the importance of literary theories in practice.
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GENERAL ENGLISH-CBCS PAPER-I

Sl.No.	Programme Name	Subject Code	Programme /Specific Programme Outcomes
1	GENERAL ENGLISH CBCS PAPER-I		1.Develops Literary sensibilities among the students. 2.Facilitates a learner-centred approach and offers a scope for interaction in the classroom.
	I Sem B.A.	1ALENGT	3.Provides an insight into the issues of contemporary relevance
	I Sem B.Sc.	1SLENGT	4.Enriches the learners with an analytical bent of mind.
	I Sem BCA	1BLENGT	5.Grammar Section enables the learners to have a better knowledge of the four skills of language.
	I Sem B.Com.	1CLENGT	
2	GENERAL ENGLISH-CBCS PAPER-II		1.Communication Skills Component provides an opportunity for the development of language skills.
	II Sem B.A.	2ALENGT	
	II Sem B.Sc.	2SLENGT	
	II Sem BCA	2BLENGT	
	II Sem B.Com.	2CLENGT	
3	GENERAL ENGLISH-CBCS-PAPER- III		1.The non -canonical nature of the selections such as discrimination, war, culture and folklore develops literary Sensibilities and Communication Skills among the students.
	III Sem B.A.	3ALENGT	
	III Sem B.Sc.	3SLENGT	
	III Sem BCA	3BLENGT	
	III Sem B.Com.	3CLENGT	




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COMMUNICATIVE ENGLISH-CBCS MANDATORY PAPER

Sl No.	Semester	Subject Code	Programme Outcomes
1	V Semester B.Com.	5CENGMT / 5CENGMP	1.Trains and guides the students to acquire better Communication Skills and to use the Skills of Language Effectively in order to meet the challenges of life and the requirements of the Industry/ the Job market.
2	VI Semester B.A.	6AMENGT / 6AMENGP	
3	VI Semester B.Sc.	6SMENGT / 6SMENGP	
4	VI Semester BCA	6BMENGT / 6BMENGP	



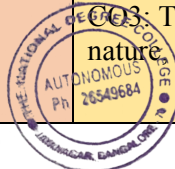

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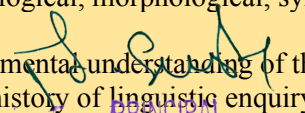
CO – COURSE OUTCOME

2021-2022

UNDER GRADUATE DEPARTMENT – ENGLISH

DEPARTMENT OF ENGLISH			
Semester	Subject Code	Paper Title	Course Outcome
I BA/ B.Sc./BCA(Regular/To T/DS)/B.Com	BA1-LE2/BS1- LE2/BB1-LE2/BI1- LE2/BD1-LE2	Generic English	CO1:Acquire the LSRW skills. CO2: Learn to appreciate literary art. CO3:Develop their ability as critical readers and writers. CO4:Be aware of their social responsibilities. CO5:Acquire the skills of creativity to express one's experiences.
II BA/ B.Sc./BCA(Regular/To T/DS)/B.Com	BA2-LE2/BS2- LE2/BB2-LE2/BI2- LE2/BD2-LE2	Generic English	CO1:Acquire the LSRW skills. CO2: Learn to appreciate literary art. CO3:Develop their ability as critical readers and writers. CO4:Be aware of their social responsibilities. CO5:Acquire the skills of creativity to express one's experiences.
I B.A. DSC Paper A1	BA1-OPECT1	Introduction to Literature	CO1: Be enriched by familiarity with other literatures and more importantly with Indian writers, their ethos and tradition of writing and discourse. CO2: Develop and demonstrate an awareness of the significance of literary forms and the debates of culture they generate as values. CO3: Have a spirit of critical enquiry and analysis.
I B.A. DSC Paper A2	BA1-OPECT2	Indian Writing in English Part I	CO1: Be enriched by familiarity with other literatures and more importantly with Indian writers, their ethos and tradition of writing and discourse. CO2: Develop and demonstrate an awareness of the significance of literary forms and the debates of culture they generate as values. CO3: Have a spirit of critical enquiry and analysis.
II B.A. DSC Paper A3	BA2-OPECT3	Introduction to Phonetics and Linguistics	CO1: To understand the basic functions of language. CO2: Students will acquire substantial understanding of how languages are constructed including the organization of phonological, morphological, syntactic and semantic system. CO3: To have a fundamental understanding of the basic nature, branches and history of linguistic enquiry.




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			CO4: Students will be able to transcribe words/ speech into IPA(International Phonetic Alphabet).
II B.A. DSC Paper A4	BA2-OPECT4	Indian Writing in English - Part II	CO1: Be exposed to and would demonstrate a broad knowledge of major and minor writers, texts and contexts defining issues of canonical and non-canonical literature. CO2: Be enriched by familiarity with other literatures and more importantly with Indian writers, their ethos and tradition of writing and discourse. CO3: Have honed their skills of remembering, applying, analyzing, evaluating and creating literature.



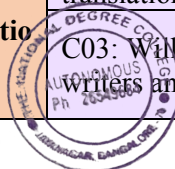

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CO – COURSE OUTCOME

2022-2023

UNDER GRADUATE DEPARTMENT – ENGLISH

DEPARTMENT OF ENGLISH			
Sem	Subject Code	Paper Title	Course Outcome
IIIBA/ B.Sc./BCA(Regular/IoT/DS) /B.Com	22UA3L2GE T	Generic English	CO1:Acquired the LSRW skills.
			CO2: Equipped themselves with inter- personal communication skills
			CO3:Augmented presentation and analytical skills.
			CO4: Ability to critically analyse, interpret and appreciate literary texts.
			CO5:An awareness of social, cultural, religious and ethnic diversities.
			CO6: Facilitated employability in emerging sectors such as Content Writers, Interpreters, Translators and Transcribers
			CO7: Acquired language skills for competitive examinations - UPSC/KPSC/IBPS/SSC/RAILWAYS/TOEFL/ IELTS/PDE
III B.A. DSC Paper A5	22UA3C5OE N05	British Literature upto 1800 Part 1	CO1: Learn the important trends and movements in the British Literature of the prescribed period
			CO2: Identify and understand the canonical literature of England
			CO3: Distinguish the Poets, Playwrights and Novelists of different periods
			CO4: Appreciate some representative texts of the prescribed period
			CO5: Deciphering inter-humanitarian aspects in the learning of literature texts.
III B.A. DSC Paper A6	21UA3C6OE N06	Indian Literature in Translatio n	CO1: Will be able to understand the meaning and methods of translation.
			CO2: Would be able to understand the scope of translation in the modern age.
			CO3: Will have the knowledge of Indian writers and literature in general.



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			C04: Will be able to appreciate the translated texts.
IV BA/ B.Sc./BCA(Regular/IoT/DS) /B.Com	22UA4L2GE T	Generic English	C01: Acquired creative, interpretative and critical thinking
			C02: Skills to communicate confidently and effectively. C03: Obtained persuasive and creative social medial writing skills
			C04 Developed analytical and evaluative skills
			C05 Learnt to identify and understand social contexts and ethical frameworks in the text.
			C06: Ability to articulate their views with clarity and confidence.
			C07: Eligibility to take up jobs such as Content Writers, Journalists, Academicians, Technical Writers and freelance artists wherever English language proficiency is a requirement.
IV B.A. DSC Paper A7	21UA4C7OE N07	British Literature (19th and 20th Century) (Part 2)	CO1: Learn the important trends and movements in the British Literature of the prescribed period.
			CO2: Identify and understand the canonical literature of England.
			CO3: Distinguish the Poets, Playwrights and Novelists of different periods.
			C04: Appreciate some representative texts of the prescribed period.
IV B.A. DSC Paper A8	21UA4C8OE N08	Gender Studies - Part 1	CO1: Will be able to understand the concepts of Gender studies.
			C02: Will be able to learn the basics of patriarchy, sex and gender and gynocentricism.
			C03: Will be able to understand the significance of Gender as a discourse
			C04: Will be able to appreciate literature by Women Writers pertaining to a particular Era.



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PO, PSO – PROGRAM OUTCOME, PROGRAM SPECIFIC OUTCOME

2021-2022

UNDER GRADUATE DEPARTMENT – ENGLISH

DEPARTMENT OF ENGLISH				
Programme Name	Program Code	Sub Code	Programme outcomes	Programme Specific outcomes
B.A. B.Sc. BCA B.Com	UNAEH/UNAKH/ UNAES/UNAJE /UNAJP/UNAPS/ UNAPE/UNSPC/ UNSPM/UNSPE/ UNSCE/UNSBM /UNCRE/UNBRE/ UNBDS/UNBIT	BA1-LE2/BS1- LE2/ BB1-LE2/BI1- LE2/ BD1-LE2/BA1- OPECT1/ BA1-OPECT2/ BA2-OPECT3/ BA2-OPECT4	PO1:Critical Thinking: Be exposed to and would demonstrate a broad knowledge of major and minor writers, texts and contexts defining issues of canonical and non-canonical literature. PO2:Effective Communication: Have competency in the use of English from/for a variety of domains and become adept at the use of English in the current technological climate. PO3: Problem Solving: Have a spirit of inquiry and critical thinking. PO4:Analytical Reasoning: Have honed their skills of remembering, understanding, applying, analyzing, evaluating and creating literature PO5:Moral and Ethical Awareness/ Reasoning: Develop and demonstrate an awareness of the significance of literature and literary forms and the debates of culture they generate as values. PO6:Lifelong Learning: Possess reading and writing skills catering to academic and other professional disciplines PO7:Modern Tool Usage: Know how to use digital learning tools	PSO1:Text Books prescribed cater to the need of awareness about the issues of contemporary importance such as war, terrorism, peace, travel,sports art, culture and there by provide useful insights into the multi-dimensional facets of society and human behaviour. PSO2:The non - canonical nature of the selections such as discrimination, war, culture and folklore develops literary sensibilities and Communication Skills among the students. PSO3: It enables the students to empathize with the issues of humanity and to question the choices that threaten a peaceful living. PSO4:The selections help the students to re-read our mythologies and understand them from the contemporary perspective. PSO5: It also broadens the outlook of the students as these selections span across the cultural and linguistic heritages world over. PSO6: Communication Skills component provides an opportunity for the development of language skills



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PO, PSO – PROGRAM OUTCOME, PROGRAM SPECIFIC OUTCOME

2022-2023

UNDER GRADUATE DEPARTMENT – ENGLISH

DEPARTMENT OF ENGLISH			
Programme Name	Program Code	Programme outcomes	Programme Specific outcomes
B.A. B.Sc. BCA B.Com	22UA1L2GET	PO1:Critical Thinking: Be exposed to and would demonstrate a broad knowledge of major and minor writers, texts and contexts defining issues of canonical and non-canonical literature. PO2:Effective Communication: Have competency in the use of English from/for a variety of domains and become adept at the use of English in the current technological climate. PO3: Problem Solving: Have a spirit of inquiry and critical thinking. PO4:Analytical Reasoning: Have honed their skills of remembering, understanding, applying, analyzing, evaluating and creating literature PO5:Moral and Ethical Awareness/ Reasoning: Develop and demonstrate an awareness of the significance of literature and literary forms and the debates of culture they generate as values. PO6:Lifelong Learning: Possess reading and writing skills catering to academic and other professional disciplines PO7:Modern Tool Usage: Know how to use digital learning tools	PSO1:Text Books prescribed cater to the need ofawareness about the issues of contemporaryimportance such as war, terrorism, peace, travel,sports art, culture and there by provide usefulinsights into the multi-dimensional facets of societyand human behaviour. PSO2:The non - canonical nature of the selections suchas discrimination, war, culture and folkloredevelops literary sensibilities and CommunicationSkills among the students. PSO3: It enables the students to empathize withthe issues of humanity and to question the choices thatthreaten a peacefulliving. PSO4:The selections help the students to re-read ourmythologies and understand them from thecontemporary perspective. PSO5: It also broadens the outlook of the students as theselections span across the cultural and linguisticheritages world over. PSO6: Communication Skills component provides an opportunity for the development of language skills



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UNDER GRADUATE DEPARTMENT – SANSKRIT

2018-2021

PROGRAMME NAME	PROGRAMME OUTCOMES
BA/BSC/BCA/BCOM	1. The study of Sanskrit literature/poetry helps student in sharpening creative abilities. Sanskrit language combined with the subject as second language has been a popular option among students. 2. The objective of combining the study of Sanskrit as a second language is to enhance the students to study in the formal education



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SEMESTER	SUBJECT CODE	TITLE OF THE PAPER	COURSE OUTCOMES
1 BA	1ALSANT	Mahakavya in Sanskrit	The study trains learners in appreciating aesthetics in classical language. The students have found the paper highly useful and interesting. It touches the present societal issues.
1 BSc	1SLSANT	Mahakavya in Sanskrit	The study trains learners in appreciating aesthetics in classical language. The students have found the paper highly useful and interesting. It touches the present societal issues.
1 BCA	1BLSANT	Mahakavya in Sanskrit	The study trains learners in appreciating aesthetics in classical language. The students have found the paper highly useful and interesting. It touches the present societal issues.
1 BCOM	1CLSANT	Mahakavya in Sanskrit	The study trains learners in appreciating aesthetics in classical language. The students have found the paper highly useful and interesting. It touches the present societal issues.
2 BA	2ALSANT	Prose in Sanskrit	Prose work has been well appreciated and it will improve learner's proficiency. The course is designed to enhance the teachers understanding of the learners, the learning process and the nature, the structure of the Sanskrit language.
2 BCA	2BLSANT	Prose in Sanskrit	Prose work has been well appreciated and it will improve learner's proficiency. The course is designed to enhance the teachers understanding of the learners, the learning process and the nature, the structure of the Sanskrit language.
2 BCOM	2CLSANT	Prose in Sanskrit	Prose work has been well appreciated and it will improve learner's proficiency. The course is designed to enhance the teachers understanding of the learners, the learning process and the nature, the structure of the Sanskrit language.
3 BA	3ALSANT	Drama	Prose work has been well appreciated and it will improve learner's proficiency. The course is designed to enhance the teachers understanding of the learners, the learning process and the nature, the structure of the Sanskrit language.



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SEMESTER	SUBJECT CODE	PAPER TITLE	COURSE OUTCOME
3 BSC	3SLSANT	Drama	The paper or course has been successful in driving home the ethical values in present days. The course is of use to general public at every age and at all levels of formal and non-formal education.
3 BCA	3BLSANT	Drama	The paper or course has been successful in driving home the ethical values in present days. The course is of use to general public at every age and at all levels of formal and non-formal education.
3 BCOM	3CLSANT	Drama	The paper or course has been successful in driving home the ethical values in present days. The course is of use to general public at every age and at all levels of formal and non-formal education.
4 BA	4ALSANT	Drama	The paper or course has been successful in driving home the ethical values in present days. The course is of use to general public at every age and at all levels of formal and non-formal education.
4 BSC	4SLSANT	Drama	The paper or course has been successful in driving home the ethical values in present days. The course is of use to general public at every age and at all levels of formal and non-formal education.
4 BCA	4BLSANT	Drama	The paper or course has been successful in driving home the ethical values in present days. The course is of use to general public at every age and at all levels of formal and non-formal education.
4 BCOM	4CLSANT	Drama	The paper or course has been successful in driving home the ethical values in present days. The course is of use to general public at every age and at all levels of formal and non-formal education.



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CO – COURSE OUTCOME**2021-2022****UNDER GRADUATE DEPARTMENT – SANSKRIT****DEPARTMENT OF SANSKRIT**

Sem	Subject Code	Paper Title	Course Outcome
I	BA 1-LSAN1	Poetry (Detailed text) Translation or composition and Mahakavya. 14th canto of Raghuvamsha of kalidasa or 3rd canto of Kumarasambhavam of Kalidasa.	1. Helps the student to impart in the classical language through poetry which gives values of life, human relationship. 2. Sanskrit literature helps the student in expanding imaginative and sharpening creative abilities. 3. Knowledge in understanding the concept of Indian culture. 4. Knowledge in understanding ethical value and human nature, speaking truth, tolerance, honouring the deserved person. 5. This paper provide right base for the students to understand various qualities of the human being.
I	BB 1-LSAN1	Poetry (Detailed text) Translation or composition and Mahakavya. 14th canto of Raghuvamsha of kalidasa or 3rd canto of Kumarasambhavam of Kalidasa.	1. Helps the student to impart in the classical language through poetry which gives values of life, human relationship. 2. Sanskrit literature helps the student in expanding imaginative and sharpening creative abilities. 3. Knowledge in understanding the concept of Indian culture. 4. Knowledge in understanding ethical value and human nature, speaking truth, tolerance, honouring the deserved person. 5. This paper provide right base for the students to understand various qualities of the human being
I	BS 1-LSAN1	Poetry (Detailed text) Translation or composition and Mahakavya. 14th canto of Raghuvamsha of kalidasa or 3rd canto of Kumarasambhavam of Kalidasa.	1. Helps the student to impart in the classical language through poetry which gives values of life, human relationship. 2. Sanskrit literature helps the student in expanding imaginative and sharpening creative abilities. 3. Knowledge in understanding the concept of Indian culture. 4. Knowledge in understanding ethical value and human nature, speaking truth, tolerance, honouring the deserved person.
I	BC 1-LSAN1	Poetry (Detailed text) Translation or composition and Mahakavya. 14th canto of Raghuvamsha of kalidasa or 3rd canto of Kumarasambhavam of Kalidasa.	1. Helps the student to impart in the classical language through poetry which gives values of life, human relationship. 2. Sanskrit literature helps the student in expanding imaginative and sharpening creative abilities. 3. Knowledge in understanding the concept of Indian culture. 4. Knowledge in understanding ethical value and human nature, speaking truth, tolerance, honouring the deserved person.
II	BA 2-LSAN 2	Prose (Detailed Text) Translation or composition prose. Kadambari of Bana	1.This paper Helps the student to impart in the classical language through poetry which gives values of life, human relationship. 2. Sanskrit literature helps the student in expanding imaginative and sharpening creative abilities. 3. This paper gives knowledge in understanding creative abilities & introduces development of prose work in ancient language. 4. Knowledge in understanding the science of polity & worldly knowledge to the series of stories. 5. This paper is offered for the students & found essential so that students are exposed to study & understand the ancient language.



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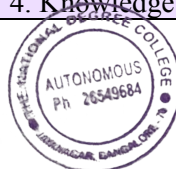
II	BB 2-LSAN 2	Prose (Detailed Text) Translation or composition prose. Kadambari of Bana	1.This paper Helps the student to impart in the classical language through poetry which gives values of life, human relationship. 2. Sanskrit literature helps the student in expanding imaginative and sharpening creative abilities. 3. This paper gives knowledge in understanding creative abilities & introduces development of prose work in ancient language. 4. Knowledge in understanding the science of polity & worldly knowledge to the series of stories. 5. This paper is offered for the students & found essential so that students are exposed to study & understand the ancient language.
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II	BC 2 LSAN 2	Prose (Detailed Text) Translation or composition prose. Kadambari of Bana	1.This paper Helps the student to impart in the classical language through poetry which gives values of life, human relationship. 2. Sanskrit literature helps the student in expanding imaginative and sharpening creative abilities. 3. This paper gives knowledge in understanding creative abilities & introduces development of prose work in ancient language. 4. Knowledge in understanding the science of polity & worldly knowledge to the series of stories. 5. This paper is offered for the students & found essential so that students are exposed to study & understand the ancient language.



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CO – COURSE OUTCOME**2022-2023****UNDER GRADUATE DEPARTMENT – SANSKRIT**

DEPARTMENT OF SANSKRIT			
Sem	Subject Code	Paper Title	Course Outcome
I	BA 1-LSAN1	Poetry (Detailed text) Translation or composition and Mahakavya. 14th canto of Raghuvamsha of kalidasa or 3rd canto of Kumarasambhavam of Kalidasa.	1. Helps the student to impart in the classical language through poetry which gives values of life, human relationship. 2. Sanskrit literature helps the student in expanding imaginative and sharpening creative abilities. 3. Knowledge in understanding the concept of Indian culture. 4. Knowledge in understanding ethical value and human nature, speaking truth, tolerance, honouring the deserved person. 5. This paper provide right base for the students to understand various qualities of the human being.
I	BB 1-LSAN1	Poetry (Detailed text) Translation or composition and Mahakavya. 14th canto of Raghuvamsha of kalidasa or 3rd canto of Kumarasambhavam of Kalidasa.	1. Helps the student to impart in the classical language through poetry which gives values of life, human relationship. 2. Sanskrit literature helps the student in expanding imaginative and sharpening creative abilities. 3. Knowledge in understanding the concept of Indian culture. 4. Knowledge in understanding ethical value and human nature, speaking truth, tolerance, honouring the deserved person. 5. This paper provide right base for the students to understand various qualities of the human being
I	BS 1-LSAN1	Poetry (Detailed text) Translation or composition and Mahakavya. 14th canto of Raghuvamsha of kalidasa or 3rd canto of Kumarasambhavam of Kalidasa.	1. Helps the student to impart in the classical language through poetry which gives values of life, human relationship. 2. Sanskrit literature helps the student in expanding imaginative and sharpening creative abilities. 3. Knowledge in understanding the concept of Indian culture. 4. Knowledge in understanding ethical value and human nature, speaking truth, tolerance, honouring the deserved person.
I	BC 1-LSAN1	Poetry (Detailed text) Translation or composition and Mahakavya. 14th canto of Raghuvamsha of kalidasa or 3rd canto of Kumarasambhavam of Kalidasa.	1. Helps the student to impart in the classical language through poetry which gives values of life, human relationship. 2. Sanskrit literature helps the student in expanding imaginative and sharpening creative abilities. 3. Knowledge in understanding the concept of Indian culture. 4. Knowledge in understanding ethical value and human nature, speaking truth, tolerance, honouring the deserved person.
II	BA 2-LSAN 2	Prose (Detailed Text) Translation or composition prose. Kadambari of Bana	1.This paper Helps the student to impart in the classical language through poetry which gives values of life, human relationship. 2. Sanskrit literature helps the student in expanding imaginative and sharpening creative abilities. 3. This paper gives knowledge in understanding creative abilities & introduces development of prose work in ancient language. 4. Knowledge in understanding the science of polity & worldly



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			knowledge to the series of stories. 5. This paper is offered for the students & found essential so that students are exposed to study & understand the ancient language.
II	BB 2-LSAN 2	Prose (Detailed Text) Translation or composition prose. Kadambari of Bana	1.This paper Helps the student to impart in the classical language through poetry which gives values of life, human relationship. 2. Sanskrit literature helps the student in expanding imaginative and sharpening creative abilities. 3. This paper gives knowledge in understanding creative abilities & introduces development of prose work in ancient language. 4. Knowledge in understanding the science of polity & worldly knowledge to the series of stories. 5. This paper is offered for the students & found essential so that students are exposed to study & understand the ancient language.
II	BS 2-LSAN 2	Prose (Detailed Text) Translation or composition prose. Kadambari of Bana	1.This paper Helps the student to impart in the classical language through poetry which gives values of life, human relationship. 2. Sanskrit literature helps the student in expanding imaginative and sharpening creative abilities. 3. This paper gives knowledge in understanding creative abilities & introduces development of prose work in ancient language. 4. Knowledge in understanding the science of polity & worldly knowledge to the series of stories. 5. This paper is offered for the students & found essential so that students are exposed to study & understand the ancient language.
II	BC 2 LSAN 2	Prose (Detailed Text) Translation or composition prose. Kadambari of Bana	1.This paper Helps the student to impart in the classical language through poetry which gives values of life, human relationship. 2. Sanskrit literature helps the student in expanding imaginative and sharpening creative abilities. 3. This paper gives knowledge in understanding creative abilities & introduces development of prose work in ancient language. 4. Knowledge in understanding the science of polity & worldly knowledge to the series of stories. 5. This paper is offered for the students & found essential so that students are exposed to study & understand the ancient language.



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PO, PSO – PROGRAM OUTCOME, PROGRAM SPECIFIC OUTCOME
2021-2022
UNDER GRADUATE DEPARTMENT – SANSKRIT

Department of Sanskrit			
Programme Name	Program Code	Sub Code	Programme outcomes
BA BSC BCA BCom	BA/BSC/BCA BCOM-SAN		PO1: Develop a strong concept of ancient Indian history, philosophy and literature.
		BA 1-LSAN1	PO2. Enhance communication skills-Listening, Speaking, Reading, Writing.
		BB 1-LSAN1	PO3.Students will be able to write Devnagari scripts which provide them the paleographical knowledge
		BS 1-LSAN1	to read out the script of modern languages like Hindi and Marathi.
		BC 1-LSAN1	PO4.The morality of students will be very strong. PO5. Students will gain knowledge of the major traditions of literatures written in Sanskrit.
		BA 2-LSAN 2	PO6. To make them eligible for higher education.
		BB 2-LSAN 2	PO7. Prepare students for the profession of teacher,UPSC etc.
		BS 2-LSAN2	
		BC 2 LSAN 2	




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PO, PSO – PROGRAM OUTCOME, PROGRAM SPECIFIC OUTCOME
2022-2023
UNDER GRADUATE DEPARTMENT – SANSKRIT

Department of Sanskrit			
Programme Name	Program Code	Sub Code	Programme outcomes
BA BSC BCA BCom	BA/BSC/BCA BCOM-SAN		PO1: Develop a strong concept of ancient Indian history, philosophy and literature. PO2. Enhance communication skills-Listening, Speaking, Reading, Writing. PO3.Students will be able to write Devnagari scripts which provide them the paleographical knowledge to read out the script of modern languages like Hindi and Marathi. PO4.The morality of students will be very strong. PO5. Students will gain knowledge of the major traditions of literatures written in Sanskrit. PO6. To make them eligible for higher education. PO7. Prepare students for the profession of teacher,UPSC etc.
		BA 1-LSAN1	
		BB 1-LSAN1	
		BS 1-LSAN1	
		BC 1-LSAN1	
		BA 2-LSAN 2	
		BB 2-LSAN 2	
		BS 2-LSAN2	
		BC 2 LSAN 2	




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36th B Cross, 2nd Main, 7th Block Jayanagar, Bangalore – 560 070

Phone: 080-26549684, 26656644. Website: www.ncjayanagar.com

Email: ncjblore@yahoo.com

UNDER GRADUATE DEPARTMENT – HINDI

2018-2021

Programme Name	Programme Outcome / Programme Specific outcome
B.A/B.Sc./BCA/B.Com	1: Students can work anywhere in India, as they know Hindi-our National Language. 2: As they are practising Translation from Hindi to English and English to Hindi and some other Languages as well, they can become translators in many Central Government Offices. 3: By reading and observing drama's and one act plays they can become good actors. By having good communication skills and command over Hindi Language one can become a good speaker.




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COURSE OUTCOME

Semester	Subject code	Title of the Paper	Outcomes
I SEM BA	1ALHINT	PROSE, GRAMMAR, COMMERCIAL LETTERS AND TRANSLATION	1.Acquire the LSRW (Learning, Speaking, Reading) skills 2.Learn values of life 3.Acquire translation skill and enriches vocabulary
I SEM BSc	1SLHINT	PROSE, GRAMMAR, COMMERCIAL LETTERS AND TRANSLATION	1.Acquire the LSRW (Learning, Speaking, Reading) skills 2.Learn values of life Acquire translation skill and enriches vocabulary
I SEM BCA (DATA SCIENCE)	1BDLHIT	PROSE, GRAMMAR, COMMERCIAL LETTERS AND TRANSLATION	1.Acquire the LSRW (Learning, Speaking, Reading) skills 2.Learn values of life Acquire translation skill and enriches vocabulary
I SEM BCA (IoT)	1BILHIT	PROSE, GRAMMAR, COMMERCIAL LETTERS AND TRANSLATION	1.Acquire the LSRW (Learning, Speaking, Reading) skills 2.Learn values of life Acquire translation skill and enriches vocabulary
I SEM BCOM	1CLHINT	PROSE, GRAMMAR, COMMERCIAL LETTERS AND TRANSLATION	1.Acquire the LSRW (Learning, Speaking, Reading) skills 2.Learn values of life Acquire translation skill and enriches vocabulary
II SEM BA	2ALHINT	POETRY, GRAMMAR, COMMERCIAL LETTERS AND TRANSLATION	1.Acquire the knowledge of devotional forms of languages 2.Poetry thoughts the lessons of life, peace and human kind, patriotism 3.Acquire about the issues prevalent in the society like discrimination



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II SEM BSC	2SLHINT	POETRY, GRAMMAR AND TRANSLATION	1.Acquire the knowledge of devotional forms of languages 2.Poetry thoughts the lessons of life, peace and human kind, patriotism 3.Acquire about the issues prevalent in the society like discrimination
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Semester	Subject code	Title of the Paper	Outcomes
II SEM BCA	2BLHINT	POETRY, GRAMMAR AND TRANSLATION	1.Acquire the knowledge of devotional forms of languages 2.Poetry thoughts the lessons of life, peace and human kind, patriotism 3.Acquire about the issues prevalent in the society like discrimination
II SEM BCA (DATA SCIENCE)	2BDLHIT	POETRY, GRAMMAR AND TRANSLATION	1.Acquire the knowledge of devotional forms of languages 2.Poetry thoughts the lessons of life, peace and human kind, patriotism 3.Acquire about the issues prevalent in the society like discrimination
II SEM BCA (IoT)	2BILHIT	POETRY, GRAMMAR AND TRANSLATION	1.Acquire the knowledge of devotional forms of languages 2.Poetry thoughts the lessons of life, peace and human kind, patriotism 3.Acquire about the issues prevalent in the society like discrimination
II SEM BCOM	2CLHINT	POETRY, GRAMMAR AND TRANSLATION	1.Acquire the knowledge of devotional forms of languages 2.Poetry thoughts the lessons of life, peace and human kind, patriotism 3.Acquire about the issues prevalent in the society like discrimination
III SEM BA	3ALHINT	KHANDA KAVYA, ESSAY LETTER WRITING AND TRANSLATION	1.Learn to appreciate literary art 2.Obtain the knowledge of literary devices and genres 3.Use of Alankar and rhythmic, mellifluous lyric.



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III SEM BCA	3BLHINT	KHANDA KAVYA, ESSAY AND TRANSLATION	1.Learn to appreciate literary art 2.Obtain the knowledge of literary devices and genres 3.Use of Alankar and rhythmic, mellifluous lyric
Semester	Subject code	Title of the Paper	Outcomes
III SEM BCOM	3CLHINT	KHANDA KAVYA, ESSAY LETTER WRITING AND TRANSLATION	1.Learn to appreciate literary art 2.Obtain the knowledge of literary devices and genres 3.Use of Alankar and rhythmic, mellifluous lyric
IV SEM BA	4ALHINT	NOVEL, FILM REVIEW AND PRECISE WRITING	1.Develop their ability as critical readers and writers, thinking 2.Increases their reading speed
IV SEM BSC	4SLHINT	NOVEL, FILM REVIEW AND PRECISE WRITING	1.Develop their ability as critical readers and writers, thinking 2.Increases their reading speed
IV SEM BCA	4BLHINT	NOVEL, FILM REVIEW AND PRECISE WRITING	1.Develop their ability as critical readers and writers, thinking 2.Increases their reading speed
IV SEM BCOM	4CLHINT	NOVEL, FILM REVIEW AND PRECISE WRITING	1.Develop their ability as critical readers and writers, thinking 2.Increases their reading speed




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CO – COURSE OUTCOME

2021-2022

UNDER GRADUATE DEPARTMENT – HINDI

DEPARTMENT OF HINDI			
Sem	Subject Code	Paper Title	Course Outcome
1 SEM	BA 1-LHIN1	Gadya Shikaran	CO1.-To strengthen the language competence among the students and to understand the Hindi literature in association with the contemporary requirements inculcate linguistic sensitivity & acceptance through the study of different literary CO2.To enhance the communication and manner and famous Indian writers. reading, writing, ,listening, speaking abilities and to cultivate the value education.
	BB 1-LHIN1	paper--2 :GRAMMAR	
	BS 1-LHIN1	Paper--1: Khatha Kusum	
	BC 1-LHIN1	paper--2 :GRAMMAR	
2 SEM	BA 2-LHIN 2	Paper--1 Kavyaabhishek	CO1-In this paper many poems are there. Saint's Doha's Awakening the human beings from laziness, Social-, Remove blind believes, To Strengthen the self- confidence. Modern poems--Nature, destroy the self- welfare Ness, To remove blind believes, To strengthen-self-confidence,. In modern poems-nature-to protect the nature-personification, To overcome from the obstacles to reach the goal, etc.. CO2- From this --To see the perfect translation from hindi to any other language and vice-versa. Limit of translation. where's explanation in larger part- using phrases, idioms etc.. CO3- Covered with Kashmir's nature, it explains India's incredible beauty.
	BB 2-LHIN 2	Paper--2 Grammar-Anuvaad	
	BS 2-LHIN 2	Paper--1 Upanyas--Dok Bangla	
	BC 2 LHIN 2	Paper-2 Prayojan moolak hindi	



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CO – COURSE OUTCOME

2022-2023

UNDER GRADUATE DEPARTMENT – HINDI

DEPARTMENT OF HINDI			
Sem	Subject Code	Paper Title	Course Outcome
III SEMESTER	3LHINT,	MADHAVI" BY MAMTA KALIA	CO1. To preserve and promote India's linguistic interests related to Hindi language globally and instill human values inherent in it s literature.
			CO2 To acquire excellent in the art of communication.
IV SEMESTER	4LHINT	HINDI LUGHU UPNYAS, " "DUAD" BHISHMA SAHNI	CO1. To impart moral and ethical values in students life.
			CO2 To foster friendship and understanding between and across Hindi and Non Hindi speaking people thought the learning and teaching of Hindi.




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**PO, PSO – PROGRAM OUTCOME, PROGRAM
SPECIFIC OUTCOME
2021-2022**

UNDERGRADUATE PROGRAM – HINDI

			DEPARTM ENT OF HINDI
Programme Name	Program Code	Sub Code	Programme outcomes
B.A. B.Sc. BCA B.Com	BA BSC BCA BCOM- HIN	BA1 LHIN-1	PO1-To strengthen the language competence among the students and to undestand the Hindi literature in association with the contemporary requirements. PO2-To inculcate linguistic sensitivity & acceptance through the study of different literary PO3-To enhance the communication and manner and famous Indian writers. reading, writing, ,listening, speaking abilities and to cultivate the value education.
		BB1 LHIN-1	
		BS1 LHIN-1	
		BC1 LHIN-1	
		BA 2-LHIN 2	
		BB 2-LHIN 2	
		BS1 LHIN-2	
		BC 2 LHIN 2	




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**PO, PSO – PROGRAM OUTCOME, PROGRAM
SPECIFIC OUTCOME
2022-2023**

UNDERGRADUATE PROGRAM – HINDI

DEPARTMENT OF HINDI			
Programme Name	Program Code	Programme outcomes	Programme Specific outcomes
III & IV BA BSc B.Com BCA – DS IoT	BA1 LHIN-3 BB1 LHIN-3 BS1 LHIN-3 BC1 LHIN-3 BA 2-LHIN 4 BB 2-LHIN 4 BS1 LHIN-4 BC1 LHIN-3	PO1. It equips the students for translation from Hindi to English and English to Hindi and some other languages as well they can become translators in many central government offices. PO2 reading and observeing drama and one act plays they can become good actor. PO3. by having good communication skills and commands over Hindi language one can become good speaker.	PSO1. It equips the students for translation from Hindi to English and English to Hindi and some other languages as well they can become translators in many central government offices.
			PSO2 reading and observeing drama and one act plays they can become good actor.
			PSO3. by having good communication skills and commands over Hindi language one can become good speaker.




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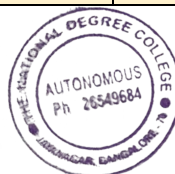
Phone: 080-26549684, 26656644. Website: www.ncjayanagar.com

Email: ncjblore@yahoo.com

UNDER GRADUATE DEPARTMENT – HISTORY

2018-2021

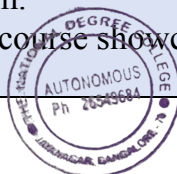
Programme Name	Programme Outcomes	Programme Specific outcomes	
B.A	1. An Important milestone in the history of the College has been the conferment of Autonomy status on the institution. Hence the Department of history also enjoys the privilege of introducing an innovative curriculum and redefining the relevance of History. In framing the new syllabus under the Autonomous status of the College the emphasis has been on purporting to the students the relevance of history and the varied dimensions it has acquired over the years that has made it more dynamic and relevant even in this age of globalization. 2. This preparatory ground of the Degree course would help students to equip themselves to gear up for entering the fields of Journalism, Law, Administration, Foreign Relations and Teaching. 3. To enable the students to develop global awareness by the study of issues of Contemporary concern. 4. To touch upon the relevant points and thereby contributing in a sincere way to equip the students with knowledge and training to find a place in the competitive world. 5. To wipe out the misconception that History is confined only to the study of the dead past.	HES	History subject combined with Economics and Sociology has been a popular option among students.
		HEK	This Program has been designed in such a way that the students can equip themselves to take up a career in the fields of Education / Teaching, Research, Law, Journalism and Civil Services.
		HJE	The objective of combining study of History with, Optional English and Journalism is to enhance the career opportunities for students who are Civil Services aspirants and budding talents in the field of Mass Communications.
		HJK	The objective of combining study of History with Optional Kannada and Journalism is to enhance the career opportunities for students who are Civil Services aspirants and budding talents in the field of Mass Communications.

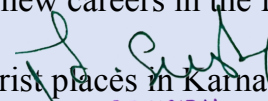


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COURSE OUTCOME

Sl.no	Subject Code	Title of the Paper	Outcomes
1	1AHIS1T	HISTORY OF INDIA TO 1206 CE	1. The paper offered at the I Semester B.A. level as been well appreciated and also found essential so that the students are exposed to the nuances in the study and understanding of Ancient Indian History. 2. The paper provides the rights base for the students to understands, the various perspectives that have changed over the period in projecting Ancient Indian History. 3. The paper also aims at introducing to the students Political History of India since the beginning to Medieval Times. 4. The paper has also included historical events of South India to make the study of ancient Indian history comprehensive.
2	2AHIS2T	HISTORY OF INDIA FROM 1206-1707 CE	1. At the II Semester level students are introduced to Medieval Indian History to maintain continuity in the study of various periods in Indian History. 2. The course has been well appreciated as study of Indian History gains a comprehensive approach as the political clashes of medieval times unfolds in a pictures queue manner. 3. The course introduces to the origin of Mughal empire. 4. Vijayanagara empire and Deccan Sultanate in the south.
3	3AHIS3T	KARNATAKA-SOCIETY, ECONOMY AND CULTURE	1. This course offered at the III Semester B.A level has been highly useful to the students who are aspiring to pursue a career in civil services. 2. The course introduces the students to the society, economy and culture of different ages so as to enhance their grasp over the subject. 3. The course is rather indispensable for all Arts graduates who aspire to curve a career for the students in the field of Journalism, mass media or teaching. 4. The course introduces the students to the Art andArchitecture of Karnataka.
4	4AHIS4T	HISTORY AND TOURISM IN INDIA	1. The course offered at the IV Semester level exposes the students to the vistas that have emerged in the study of History. 2. The course has been successful in driving home the point that History is not just confined to the events of a bygone era. but has present relevance. 3. The course has opened up a new avenue for students opting to study History to carve new careers in the field of Tourism. 4. The course showcases the tourist places in Karnataka.




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Sl.no	Subject Code	Title of the Paper	Outcomes
5	5AHIS5T	HISTORY OF MODERN INDIA (1600 TO 1947)	1. The course offered at the V semester introduces the students to History of India in the modern period. 2. The course has been highly useful to students aspiring to pursue career in Law as well as of civil services. 3. They are introduced to impact of colonial rule in India and the stages in the evolution of Constitutional history of India. 4. They are introduced to the Indian National Movement.
5	5AHIS6T	HISTORY OF MODERN EUROPE 1789-1945	1. The course offered by the Department of History at the V semester B.A. level introduces to the students the History of Modern Europe. 2. The course has been well appreciated as it opens up the entire gamut of historical events that have shaped World History 3. The course introduces the students the causes and results of the world wars. 4. The establishment of U.N.O.
6	6AHIS7T	POST-INDEPENDENCE INDIA	1. At the Sixth semester B.A. course a paper on 'Post Independence India' has been offered to expose the students to contemporary events in the political history of post-Independence period of Indian history. 2. The students have found the paper highly useful and interesting. 3. The course introduces the students to contemporary Indian politics. 4. It touches upon current environmental issues. 5. It helps the students for the preparation for civil services.
6	6AHIS8T	INDIAN HISTORIOGRAPHY	1. At the sixth semester B.A. level, a paper of 'Indian Historiography' was chalked, out to introduce to the students the various perspectives in understanding Indian History. 2. The paper was well received by the students as it has provided deep insights into research methodology.



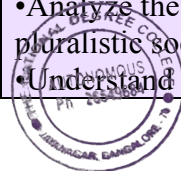
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CO – COURSE OUTCOME

2021-2022

UNDER GRADUATE DEPARTMENT – HISTORY

DEPARTMENT OF HISTORY			
Sem	Subject Code	Paper Title	Course Outcome
I SEMESTER	BA1-HISCT1	DSC 1 Political History of Karnataka (BCE-300 to CE 1000) Part-1	• Understand the continuity of Political developments and strategies. • Analyse the importance of causes for the rise of regional political dynasties. • Understand contextual necessities which influenced the era of political supremacy. • Understand and describe the contemporary political history. • Appreciate the confluence of diverse political elements.
	BA1-HISCT-2	DSC 2 Cultural Heritage of India	• Provide an insight into the extensive heritage of India • Familiarize Indian history and culture • Analyse the factors responsible for origin and decline of culture • Provide the opportunity to understand the process of cultural development
	OE1-HIS1	OE-1 Society and Culture of Karnataka (CE 300 to CE 1100)	• Provide an insight about the Society and Cultural development of Karnataka. • Familiarize Karnataka history and culture. • Analyze the factors responsible for origin and decline of dynasties. • Provide the opportunity to understand the process of cultural diversities.
II SEMESTER	BA2-HISCT-3	DSC-3 Political History of Karnataka (CE1100-CE 1750)	• Understand the rise and fall of Political dynasties in Karnataka. • Familiarize with the patterns of administration. • Analyze the traditional values and ethos of political development. • Understand the rise and fall of regional variations • Study the complexities involved in polity of the time.
	BA2-HISCT-4	DSC 4 Cultural Heritage of Karnataka	• Understand the concept of cultural heritage of Karnataka • Study various cultural factors which influence the flow of culture • Analyze the factors responsible for formation of pluralistic society • Understand the concept “Unity in diversity”
	OE 2-HIS2	OE-2 Society and Culture of Karnataka (CE 1100 to CE 1750)	• Understand the concept of cultural heritage of Karnataka • Study various cultural factors which influence the flow of culture • Analyze the factors responsible for formation of pluralistic society • Understand the concept “Unity in diversity”



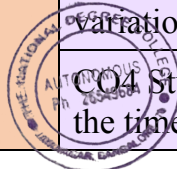
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CO – COURSE OUTCOME

2022-2023

UNDER GRADUATE DEPARTMENT – HISTORY

DEPARTMENT OF HISTORY			
Sem	Subject Code	Paper Title	Course Outcome
III SEMESTER	BA3-HISCT-5	DSC - 5 Political History of India (From Indus Culture upto 1206)	CO1 Understand the history and culture of political History of India Region.
			CO2 Analyse the importance of causes of Backwardness of India Region.
			CO3 Understand the influence of Political Influence on the people and culture of the region.
			CO4 Understand the political, social, Religious and cultural History of the region.
			CO5 Appreciate the divergent cultural and communal harmony of this region
	BA3-HISCT-6	DSC -6 Bangalore in Time and space	CO1 understanding the history and culture of Bangalore in Time and space region.
			CO2 Analyze the importance of causes for Backwardness of this region.
			CO3 Understand the influence of political Influence on the people and culture of this region.
			CO4 Appreciate the divergent cultural and communal harmony of this region.
	OE -HIS -3	OE-3 Freedom Movement in Karnataka (1800-1947)	CO1 Understand the freedom in Karnataka. (1800-1947)
			CO2 Analyse the importance of causes for Backward of this region.
			CO3 understand the political, social, Religious , and cultural History of the region.
			CO4 Appreciate the divergent cultural and communal Harmony of the region
IV SEMESTER	BA4-HIS-7	DSC-7 History of Medieval India	CO1 Understand the rise and fall of Political dynasties in india
			CO2 Familiarize with the patterns of administration.
			CO3 Understand the rise and fall of regional variations
			CO4 Study the complexities involved in polity of the time.



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	BA4-HISCT-8	DSC -8 Cultural history of India (From Saraswati- Indus Culture to 1206 CE)	CO1 Understand the concept and meaning of culture.
			CO2 Establish the relationship between culture and civilization.
			CO3 Establish the link between cultural and Civilization .
			CO4 Discuss the role and impact of culture and heritage.
	OE - HIS -4	OE-4 Freedom Movement in India (1885-1947)	CO1 Understand the history of freedom movement in India (1885-1947)
			CO2 Understands the Influence of History of Freedom movement in India (1885-1947)
			CO3 Understand the political, social, Religious and cultural History of the region.
			CO4 Appreciate the divergent cultural and communal Harmony of the region.




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**PO, PSO – PROGRAM OUTCOMES, PROGRAM SPECIFIC OUTCOMES
2021-2022**

UNDERGRADUATE PROGRAM – HISTORY

Department of History				
Programme Name	Program Code	Sub Code	Programme outcomes	Programme Specific outcomes
BA- HK/ BA- EH	UNAEH UNAKH	BA1- HISCT1 BA1-HISCT-2 OE1-HIS1 BA2-HISCT-2 BA2HISCT-3 OE-2HIS2	PO.1 knowledge : To enable the students to develop global awareness by the study of issues of Contemporary concern. PO.2 Design: The course would help the students to equip themselves to gearup for entering the field of Journalism, law, Administration, Foreign Relations and teaching. PO.3 Environmental sustainability: To Exploit the resources both human and natural for the betterment of society and also promoting sustainable development. PO.4. Ethics: The course aims to fulfilling the national agenda of achieving peace, program and prosperity. PO5 . life Long Learning: To build and enhance their confidence to participate in the process of development to be inclusive in bringing a fair share of the development benefit to all strata in society.	History subject Combined with the economics has been A popular option among the students. This program has been designed in such a way that the students can equip themselves to take up a career in the field of education Teaching, Research, Law, Journalism, and Civil services. The Objective of the combining study of the history with Journalism is to enhance the Career opportunities for the students who are civil Services aspirants The objective of the Combining study of History with optional Kannada is to enhance the career opportunities for the students who are civil services aspirants



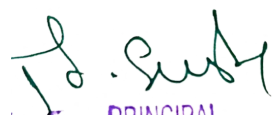

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**PO, PSO – PROGRAM OUTCOMES, PROGRAM SPECIFIC OUTCOMES
2022-2023**

UNDERGRADUATE PROGRAM – HISTORY

Department of History			
Programme Name	Program Code	Programme outcomes	Programme Specific outcomes
III & IV BA	3UNAEH, 3UNAKH	PO.1 knowledge : To enable the students to develop global awareness by the study of issues of Contemporary concern. PO.2 Design: The course would help the students to equip themselves to gearup for entering the field of Journalism, law, Administration, Foreign Relations and teaching. PO.3 Environmental sustainability: To Exploit the resources both human and natural for the betterment of society and also promoting sustainable development. PO.4. Ethics: The course aims to fulfilling the national agenda of achieving peace, program and prosperity. PO5 . life Long Learning: To build and enhance their confidence to participate in the process of development to be inclusive in bringing a fair share of the development benefit to all strata in society.	History subject Combined with the economics has been A popular option among the students. This program has been designed in such a way that the students can equip themselves to take up a career in the field of education / Teaching, Research, Law, Journalism, and Civil services. The Objective of the combining study of the history with Journalism is to enhance the Career opportunities for the students who are civil Services aspirants The objective of the Combining study of History with optional Kannada is to enhance the career opportunities for the students who are civil services aspirants




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UNDER GRADUATE DEPARTMENT – ECONOMICS

2018-2021

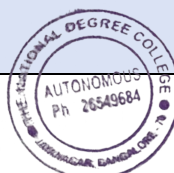
Programme Name	Programme Outcome	Programme Specific outcome	
B.A	1. The B.A. program has been designed in such a way that the students can equip themselves to take up a career in the fields of education /teaching, law, journalism and civil services. 2. The program also empowers the graduates to appear for various competitive examinations or choose the post graduate programme of their choice. 3. The students after completion of B.A. programme in Economics will develop understanding of the major concepts and principles in Economics. 4. Students will be able to think critically by adopting economic way of thinking and also be able to analyse economic behaviour in their daily life. They will have an ability to work efficiently in diverse field of Statistics, Economics and Banking.	HES	Economics along with History and Sociology is a classic combination for the students who aspire for civil services like IAS, KAS and Army exams. Economics students in general will be able to identify and understand the past, present economic conditions of the country. They are equipped with the techniques to find solution of the problems like mobilization of manpower and resources available in the country. Students will be able to analyse historical and current events from an economic perspective.
		HEK	The purpose of combining study of Economics with Optional Kannada and History to enhance the career opportunities for students who are Civil Services aspirants. As the course contains the fields like statistics, mathematics and economics principles, it enhances them to compute and assess the real situation of the economy including the size and changes of population, nature of and extent of employment, rate of development with pattern of investments and savings, policies in relation to other countries.
		PES	The objective of combining study of Economics with Psychology and Sociology is to enhance the career opportunities for students who are Civil Services aspirants. Basically, economics graduates are equipped with all the relevant tools/ knowledge based on economic principles including market functions and structures, efficiency in manpower and resources management, for initiating and accelerating developmental projects.



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COURSE OUTCOME

Semester	Subject code	Title of the Paper	Outcomes
I SEM B.A.	1AECO1T	MICRO ECONOMIC ANALYSIS- PAPER-I	1. Enables the students to apply economic reasoning to the analysis of selected contemporary economic problems. 2. It helps the students to understand how households (demand) and business (supply) interact in various market structure to determine price and quantity of goods and services produced and consumed.
II SEM B.A.	2AECO2T	MACRO ECONOMIC ANALYSIS- PAPER-II	1. It enables the students to understand why household, government and global behaviour determine the aggregate demand for goods and services. 2. It helps the students to understand the basics of national income accounting, causes and consequences of business cycles.
III SEM B.A.	3AECO3T	MONETARY ECONOMICS- PAPER-III	1. The paper provides the right base for the students to understand the monetary and banking system of an economy. 2. Monetary economics helps the students to understand the concepts and sources of money and money substitutes and the consequences of changes in quantity of money on such economic variables as interest rates, exchange rate, etc
IV SEM B.A.	4AECO4T	APPLICATION OF MATHEMATICS AND STATISTICAL METHODS IN ECONOMICS- PAPER-IV	1. It enables the students to use various statistical and mathematical tools in the field of economics. 2. It enables the students to develop numerical examples to illustrate a variety of theoretical economics results
V B.A.	5AECO5T	INTERNATIONAL ECONOMICS- PAPER -V	1. It enables the students to understand the various reasons why countries engage in international trade. 2. Upon successful completion of the course a student will be able to understand the role played by key international institutions in affecting trade flows across the world




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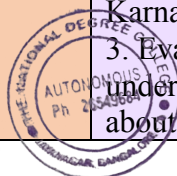
Semester	Subject code	Title of the Paper	Outcomes
V B.A.	5AECO6T	DEVELOPMENT ECONOMICS- PAPER-VI	1. It prepares the students to understand the causes of underdevelopment and the role of economic and non-economic factors into development process of the less developed countries. 2.It enables the students to understand the extent to which economic theories may be helpful in designing the development policies in less developed countries.
	6AECO7T	THE INDIAN ECONOMY - PAPER-VII	1. It enables the students to understand the various sectors of Indian economy and the pace and course of Indian economic development. 2.The course has been highly useful to the students who are aspiring to pursue a career in civil service.
VI B. A.	6AECO8T	PUBLIC ECONOMICS - PAPER-VIII	1.Upon successful completion of the course a student will be able to critically assess Indian tax policy from practical and theoretical economic perspective. 2. It enables the students to apply public economics theories to public decision making.
III SEM B.A. B.Sc. B.C.A.	3IDECOT	INTER DISCIPLINARY PAPER -DAY-TO-DAY ECONOMICS	1.It makes economics more relevant for students in their daily life. 2.It enables the students to understand the latest development in banking.
IV SEM B.A. B.Sc. B.C.A.	4IDECOT	INTER DISCIPLINARY PAPER - ECONOMICS OF TOURISM	1.It enables the students to contextualise tourism within broader culture, environmental political and economic dimensions of society. 2.It helps the students to understand the different pricing objectives of tourism industry.
I SEM B. Com	1CECO1T	BUSINESS ECONOMICS- PART-I	1.Upon successful completion of the course a student will be able to apply economic principles to management decisions. 2. It enables the student to analyse the implication of various classification of consumer demand for pricing and location decisions.
II SEM B. Com	2CECO2T	BUSINESS ECONOMICS - PART-II	1. It enable the student to understand the basic forces governing the operation of competitive market. 2.It prepares the students to analyse the factors that determine the supply and demand for productive units.



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CO – COURSE OUTCOME**2021-2022****UNDER GRADUATE DEPARTMENT – ECONOMICS****DEPARTMENT OF ECONOMICS**

Sem	Subject Code	Paper Title	Course Outcome
I	BA1-ECOCT1	Basic Economic Analysis - I	1. Identify the different facets of an economic problem 2. Learn basic economic concepts and terms 3. Explain the operation of a market system 4. Analyze the production and cost relationships of a business firm 5. Evaluate the pricing decisions under different market structures 6. Use basic cost-benefit calculations as a means of decision making (i.e., thinking like an economist)
	BA1-ECOCT2	Contemporary Indian Economy	1. Understand the current problems of Indian Economy 2. Identify the factors contributing to the recent growth of the Indian economy 3. Evaluate impact of LPG policies on economic growth in India 4. Analyze the sector specific policies adopted for achieving the aspirational goals 5. Review various economic policies adopted
	OE1-ECO1	Reforms in Indian Economy	1. Trace the evolution of Indian Economy 2. Identify the structural features and constraints of the Indian economy 3. Evaluate planning models and strategy adopted in India 4. Analyze the sector specific problems and contributions towards overall economic growth 5. Review various economic policies adopted
II	BA2-ECOCT3	Introduction to Economic Analysis II	1. Understand the operation of the overall economic system 2. Calculate national income and related aggregates 3. Explain the relationship between macroeconomic aggregates; 4. Analyze the nature of business cycles and policies towards controlling them 5. Evaluate the macroeconomic policies for solving major problems like poverty and unemployment
	BA2-ECOCT4	Karnataka Economy	1. Understand the nature of economic growth and problems of Karnataka state. 2. Explain the process of structural growth in Karnataka economy; 3. Evaluate the policies and programmes undertaken by the Govt. of Karnataka for bringing about socio-economic development



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OE2-ECO2

Contemporary Indian Economy

1. Understand the current problems of Indian Economy
2. Identify the factors contributing to the recent growth of the Indian economy
3. Evaluate impact of LPG policies on economic growth in India
4. Analyze the sector specific policies adopted for achieving the aspirational goals
5. Review various economic policies adopted



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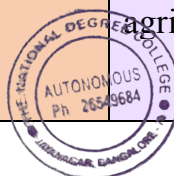
CO – COURSE OUTCOME

2022-2023

UNDER GRADUATE DEPARTMENT – ECONOMICS

DEPARTMENT OF ECONOMICS

Sem	Subject Code	Paper Title	Course Outcome
III SEMESTER	BA3-ECOCT5	Microeconomics	CO1 Understand introductory economic concepts.
			CO2 Recognize Basic supply and demand analysis.
			CO3 Recognize the structure and the role of costs in the economy.
			CO4 Describe, using graphs, the various market models: perfect competition, monopoly, monopolistic competition, and oligopoly.
			CO5 Explain how equilibrium is achieved in the various market models.
			CO6 Identify problem areas in the economy, and possible solutions, using the analytical tools developed in the course.
	BA3-ECOCT6	Mathematics for Economics	CO1 Perform Basic operations in Sets and functions and Matrix algebra.
			CO2 Calculate limits, derivatives of Economic functions and identify the nature of relationship.
			CO3 Calculate maxima and minima of function
	OE3-ECO3	Rural Economics	CO1 To Understand the basics of rural development
			CO2 To study the characteristics, problems, and programmes of rural redevelopment
			CO3 To study the trends and patterns of economic activities in rural areas
			CO4 To study the role of infrastructural facilities and governance in rural development
			CO5 To enable the students to know about significance of rural enterprises and agricultural allied activities



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IV SEMESTER	BA4-ECOCT7	Macroeconomics	CO1 Understand the Theories of National Income Accounting
			CO2 Explain the process of Consumption and Investment Functions
			CO3 Evaluate the Concept of Multiplier and Inflation
	BA4-ECOCT8	Statistics for Economics	CO1 Understand the nature of Data and their presentation
			CO2 Calculate Descriptive statistics like measures of central tendency and dispersion
			CO3 Apply statistical techniques like correlation and regression in Economic analysis



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**PO, PSO – PROGRAM OUTCOMES, PROGRAM SPECIFIC OUTCOMES
2021-2022**

UNDERGRADUATE PROGRAM – ECONOMICS

			Department of Economics	
Programme Name	Program Code	Sub Code	Programme outcomes	Programme Specific outcomes
BA- EH / BA- ES	UNAEH UNAES	BA1-ECOCT1 BA1-ECOCT2 BA2-ECOCT3 BA2-ECOCT4	PO 1. Critical Thinking: Students will be able to think critically by adopting economic way of thinking and also be able to analyze economic behaviour in their daily life. They will have an ability to work efficiently in diverse field of Statistics, Economics and Banking PO 2. Problem Solving Ability: To equip the students to understand the economic theories to solve real socio-economic problems in the society. PO 3. Reflective thinking: Critical sensibility to real life experiences, with self-awareness and reflexivity of both self and society. PO 4. Analytical reasoning: Ability to evaluate the reliability and relevance of evidence, identify logical flaws and draw valid conclusions and support them with evidence and examples by addressing opposing viewpoints. PO 5. Research-related skills: Programme helps the students to develop a sense of inquiry to the various socio-economic problems in the society and investigate them scientifically to draw relevant inferences and solutions. PO 6. Environment and Sustainability: Understand the issues of environment, able to estimate the cost of negative externalities and work towards sustainable development. PO 7: Scientific Reasoning: Ability to analyze, interpret and draw conclusions from	PSO 1. Knowledge of Economic System: An ability to understand economic theories and functioning of basic microeconomic and macroeconomic systems. PSO 2. Statistical and Mathematical Skills: Acquaint with collection, organization, tabulation and analysis of empirical data. Ability to use basic mathematical and statistical tools to solve real economic problems. PSO 3. Development Perspectives: Delineate the developmental policies designed for developed and developing economies. The course also acquaints with the measurement of development with the help of theories along with the conceptual issues of poverty and inequalities. PSO 4. Perspectives on Indian Economy: Acquaint with basic issues of Indian economy and learn the basic concept of monetary analysis and financial marketing in Indian financial markets. This course reviews major trends in economic indicators and policy debates in India in the post-Independence period.  PRINCIPAL The National College Jayanagar, Bangalore-70.

quantitative/qualitative data; and critically evaluate ideas, evidence and experiences from an open-minded and reasoned perspective.

PO 8. ICT Skills: Capability to use ICT in a variety of learning situations, demonstrate ability to access, evaluate, and use a variety of relevant information sources; and use appropriate software for analysis of data.

PO 9. Social Interaction: Develop knowledge, skills, and judgment around human communication that facilitate their ability to work collaboratively with others.

PO 10. Career Perspective: The students after completion of a degree in Economics will develop understanding of the major concepts and principles in Economics. The program also empowers the graduates to appear for various competitive examinations or choose the post graduate programme of their choice.



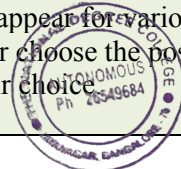

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**PO, PSO – PROGRAM OUTCOMES, PROGRAM SPECIFIC OUTCOMES
2022-2023**

UNDERGRADUATE PROGRAM – ECONOMICS

DEPARTMENT OF ECONOMICS

Programme Name	Program Code	Programme outcomes	Programme Specific outcomes
BA- EH / BA- ES	UNAEH UNAES	PO 1. Critical Thinking: Students will be able to think critically by adopting economic way of thinking and also be able to analyze economic behaviour in their daily life. They will have an ability to work efficiently in diverse field of Statistics, Economics and Banking PO 2. Problem Solving Ability: To equip the students to understand the economic theories to solve real socio-economic problems in the society. PO 3. Reflective thinking: Critical sensibility to real life experiences, with self-awareness and reflexivity of both self and society. PO 4. Analytical reasoning: Ability to evaluate the reliability and relevance of evidence, identify logical flaws and draw valid conclusions and support them with evidence and examples by addressing opposing viewpoints. PO 5. Research-related skills: Programme helps the students to develop a sense of inquiry to the various socio-economic problems in the society and investigate them scientifically to draw relevant inferences and solutions. PO 6. Environment and Sustainability: Understand the issues of environment, able to estimate the cost of negative externalities and work towards sustainable development. PO 7: Scientific Reasoning: Ability to analyze, interpret and draw conclusions from quantitative/qualitative data; and critically evaluate ideas, evidence and experiences from an open-minded and reasoned perspective. PO 8. ICT Skills: Capability to use ICT in a variety of learning situations, demonstrate ability to access, evaluate, and use a variety of relevant information sources; and use appropriate software for analysis of data. PO 9. Social Interaction: Develop knowledge, skills, and judgment around human communication that facilitate their ability to work collaboratively with others. PO 10. Career Perspective: The students after completion of a degree in Economics will develop understanding of the major concepts and principles in Economics The program also empowers the graduates to appear for various competitive examinations or choose the post graduate programme of their choice	PSO 1. Knowledge of Economic System: An ability to understand economic theories and functioning of basic microeconomic and macroeconomic systems. PSO 2. Statistical and Mathematical Skills: Acquaint with collection, organization, tabulation and analysis of empirical data. Ability to use basic mathematical and statistical tools to solve real economic problems. PSO 3. Development Perspectives: Delineate the developmental policies designed for developed and developing economies. The course also acquaints with the measurement of development with the help of theories along with the conceptual issues of poverty and inequalities. PSO 4. Perspectives on Indian Economy: Acquaint with basic issues of Indian economy and learn the basic concept of monetary analysis and financial marketing in Indian financial markets. This course reviews major trends in economic indicators and policy debates in India in the post-Independence period.




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UNDER GRADUATE DEPARTMENT - SOCIOLOGY

2018-2021

Programme Name	Programme Outcomes	Programme Specific Outcomes	
B. A	B.A. Program is offered to students who are interested in studying humanities such as History, Economics, Sociology, Psychology and Journalism. The B.A. Program has been designed in such a way that the students can equip themselves to take up a career in the fields of Education, Teaching, Law, Journalism and Civil Services.	HES History Economics Sociology	The subject Sociology is combined with History and Economics has been a popular option among students. It helps to cater to the demands of the student community to study such combinations that enable them to have diverse career opportunities.
		PES - Psychology Economics Sociology	The subject Sociology is combined with Psychology and Economics is one of the best combinations which opens doors to careers in social fields. It offers high career value and opportunities for students.
		JPS – Journalism Psychology Sociology	The subject Sociology is combined with Psychology and Journalism helps to understand the human behaviour and students to enhance the career opportunities for students and budding talents in the field of mass communication.

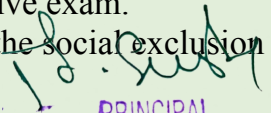


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COURSE OUTCOME

Sl. No	Subject Code	Title of the Paper	Outcomes
1	1ASOC1T	INTRODUCTION TO SOCIOLOGY PAPER I	1. This course offered at the I Semester B.A. level has been highly useful to the students who are aspiring to pursue a career in civil services. 2. The course introduces the students to understand the culture and socialization. 3. The course introduces the students to perform a social behaviour. 4. The course introduces the students to the human and animal society.
2	2ASOC2T	GENERAL SOCIOLOGY PAPER II	1. The paper offered at the I Semester B.A. level as been well appreciated and also found essential so that the students are exposed to the study and understanding of General Sociology. 2. The paper provides the base for the students to understand the sociological perspectives on deviance. 3. The paper aims at introducing to the students social change , theories of social change and how change is essential for society. 4. The paper has also included the concept Modernization which brings many changes in the Indian society.
3	3ASOC3T	SOCIOLOGY OF INDIAN SOCIETY PAPER III	1. At the III Semester level students are introduced to Social Structure of the society to know about the concept of Varna and Ashrama. 2. The course has been well designed to understand the concept of caste in different period. 3. The course introduces the family amongst Khasis and Garos. 4. The course introduces the myths and realities of village community.
4	4ASOC4T	SOCIOLOGY OF INDIAN SOCIETY PAPER IV	1. The course offered at the IV Semester level exposes the students to know about the development of Sociology and Social Anthropology in India. 2. The course has focuses on Sanskritization and Westernization from the British period to modern period. 3. The course has opened a new career to the students to write a competitive exam. 4. The course concentrates the social exclusion and social inclusion in India.




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Sl. No	Subject Code	Title of the Paper	Outcomes
5	5ASOP5T	SOCIAL PROBLEMS WITH REFERENCE TO INDIA (PAPER V)	1. The course offered at the V Semester introduces the students to Social Problems with reference to India to know about various social issues. 2. The course has been useful to students in Human resource management, Social Welfare Department. 3. The course has been introduced to the students to create awareness on the negative impact of Alcohol and drugs. 4. The course introduced the problems of urbanization and try to find out the measures to control urban problems like housing, slums, pollution, garbage.
5	5ASOI6T	INDUSTRIAL SOCIOLOGY (ELECTIVE) PAPER VI 'A'	1. The Course offered for V Semester B.A. students as a elective paper to know about the Industrial relations. 2. The course has been well appreciated to get the knowledge among the industrial worker. 3. The course introduces the students the early industrialism, factory system to the development of industry. 4. The course enables the students to work in industry.
5	5ASOR6T	SOCIOLOGY OF RURAL DEVELOPMENT (ELECTIVE) PAPER VI 'B'	1. The Course offered for V Semester B.A. level as a elective paper which enable the students to understand the problems of rural society. 2. The course helps the students to enhance their career as a community development worker, youth worker, public services, social care and in voluntary organizations. It helps the students for the preparation for UPSC Exams. 3. This paper offers the students to study the approaches, problems of rural development. 4. The course introduces the students to gain vast information on Panchayat Raj and current programmes of rural development.
6	6ASOM7T	METHODS AND TECHNIQUES OF SOCIAL RESEARCH PAPER VII	The Course offered for VI Semester B.A. level as a compulsory paper which enable the students to researching, judging and evaluating complex information. 2. The course helps the students to enhance their career as a Census researcher, Market Researcher, Social researcher. 3. The course introduces the students to gain vast information on data collection Statistics and Research reports.



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Sl. No	Subject Code	Title of the Paper	Outcomes
6	6ASOG8T	SOCIOLOGY OF GENDER (ELECTIVE) PAPER VIII 'A'	1. The Course offered for VI Semester B.A. level as a elective paper which enable the students to understand the concept of gender, feminism. 2. The course helps the students to enhance their career as a social worker, they will get an opportunity to work in Non-governmental Organizations. 3. This paper offers the students to study the current issues related to women.
6	6ASOE8T	SOCIOLOGY OF EDUCATION (ELECTIVE) PAPER VIII 'B'	1. The Course offered for VI Semester B.A. level as a elective paper which enable the students to understand the concept of Sociology of education. 2. The course helps the students to enhance their career in a teaching, education and administration field. 3. This paper offers the students to study the current issues on education.



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CO – COURSE OUTCOME

2021-2022

UNDER GRADUATE DEPARTMENT – SOCIOLOGY

DEPARTMENT OF SOCIOLOGY

Sem	Subject Code	Paper Title	Course Outcome
1	BA1-SOCCT1	Understanding Sociology (DSC 1)	1. Understand the nature and role of Sociology in a changing world 2. Comprehend the uniqueness of sociological imagination in the study of real world 3. Recognize different perspectives of perceiving the workings of social group 4. Differentiate between sociology's two purposes- science and social reform 5. Express one's understanding of current social issues in oral and written forms
	BA1-SOCCT2	Changing Social Institutions in India (DSC 2)	1. Identify the new forms taken by institutions of family and marriage 2. Understand the role played by religion in modern world 3. Sensitize the students to the conflicting norms of secularism and living by one's religious beliefs 4. Appreciate the role of education and challenges in making education accessible to all 5. Recognize the social nature of economy and work 6. Grasp the opportunities offered by democracy and the threats it faces 7. Undertake micro research work and communicate effectively
	OE1-SOC1	Indian Society: Continuity and Change (Open Elective 1)	1. Analyze the nature and direction of change in Indian society, basically from traditional to modernity of Social Institutions. 2. Understand the Indicators of change and participation in democratic process. 3. Examine the changing conditions of socially excluded groups through movement for social justice. 4. To critically look at the two-way street of globalization and its impact on Indian society and communicate in clear terms 5. Communicate critical observations with clarity
2	BA2-SOCCT3	Foundations of Sociological Theory (DSC-3)	1. Contextualize the social and intellectual background of classical sociologists 2. Appreciate the contemporaneity of classical sociological thought 3. Appreciate the need for thinking in theoretical terms and concepts 4. Demonstrate Basic understanding of Theory and Research



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	BA2-SOCCT4	Sociology of Rural Life in India (DSC-4)	1. Understand the myths and realities of village India constructed by Western scholars 2. Understand the changes in land tenure systems and consequences 3. Appreciate the role of traditional social institutions and how they have responded to forces of change 4. Make an informed analysis of various development programmes and challenges encountered
	OE2-SOC2	Society Through Gender Lens (Open Elective-2)	1. Understand the role of socialization as a constructor of gender roles and status 2. Appreciate the role of declining one's self identity in terms of gender 3. Identify the gender bias and discrimination present in everyday social structure 4. Take informed decisions about addressing gender justice issues
	OE2-SOC2	Social Development in India (Open Elective-2)	1. Distinguish between growth and development 2. Appreciate the importance of social component of development 3. Appreciate the need for sustainable and inclusive human development 4. Recognize the necessity for focus on changing social values to realize the full potential of growth.




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CO – COURSE OUTCOME

2022-2023

UNDER GRADUATE DEPARTMENT – SOCIOLOGY

DEPARTMENT OF SOCIOLOGY

Sem	Subject Code	Paper Title	Course Outcome
III SEMESTER	BA3-SOCCT5	Social Stratification and Mobility (DSC-5)	CO1 Understanding the nature and role of social stratification.
			CO2 Recognise different types of stratification and mobility.
			CO3 Describes the different types of social stratification and mobility.
			CO4 Critically understands and analyse different theories of social stratification.
	BA3-SOCCT6	Sociology of Urban Life in India (DSC-6)	CO1 Defines the basic concepts of urban sociology.
			CO2 Identify and describe the different types of city.
			CO3 Analytically understands theoretical issues related to urban society.
			CO4 Critically evaluate urban policies.
	OE3-SOC3	(Open Elective) Sociology of Tourism Management OE-3	CO1 It explain the relationship between tourism, culture and cultural heritage.
			CO2 It explain the social, cultural and economic impacts of tourism on local communities.
			CO3 Understands the relationship between tourism and consumption.
			CO4 Understands the principles of tourism management.
IV SEMESTER	BA4-SOCCT7	Sociology of Marginalised Groups (DSC-7)	CO1 Knowledge of marginalization and marginalised groups in India.
			CO2 Understands the impact of powerlessness in social life.
			CO3 Ability to participate and critically view effort undertaken to address inequalities.
	BA4-SOCCT8	Population and Society (DSC-8)	CO1 Defines the basic concepts of population studies.
			CO2 Understands the dynamics of population from sociological perspectives.
			CO3 Understands problems around India's population.
			CO4 Critically analyses the population policies of India.



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**PO, PSO – PROGRAM OUTCOMES, PROGRAM SPECIFIC OUTCOMES
2021-2022**

UNDERGRADUATE PROGRAM – SOCIOLOGY

			DEPARTMENT OF SOCIOLOGY	
Programme Name	Program Code	Sub Code	Programme outcomes	Programme Specific outcomes
BA - PS	UNAPS	BA1-SOCCT1 BA1-SOCCT2 BA2-SOCCT3 BA2-SOCCT4	PO1:Critical Thinking: To think critically by exercising sociological imagination. It helps to think theoretically and examine the empirical data. PO2:Effective Communication: It helps to Question common wisdom, raise important questions and examine and arguments. PO3:Problem Solving: To equip the students to understand the sociological theories to solve real social problems in the society. It helps to serve in development agencies, government departments and projects. PO4:Analytical Reasoning: Collect and analyse the data, make conclusions and present arguments to find out the solutions to social problems. PO5:Team work: It helps the students to participate in research groups and market research firms skilfully. It helps to be a social entrepreneur, community worker, survey designer, research analyst, social statistician etc. PO6:Moral and Ethical Awareness: To gain moral, ethical and cultural values to participate in the community life. PO7:Lifelong Learning: To gain more knowledge and transfers skills as a facilitator of community development. It helps the graduates competent to make a difference in the community.	PS: Psychology, Sociology (PS)-The subject Sociology combined with Psychology is one of the best combinations which opens doors to understand the human behaviour enhance careers in social fields. It offers high career value and opportunities for students.




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**PO, PSO – PROGRAM OUTCOMES, PROGRAM SPECIFIC OUTCOMES
2022-2023**

UNDERGRADUATE PROGRAM – SOCIOLOGY

DEPARTMENT OF SOCIOLOGY			
Programme Name	Programme Code	Programme Outcome	Programme Specific Outcome
BA	UNAPS	PO1:Critical Thinking: To think critically by exercising sociological imagination. It helps to think theoretically and examine the empirical data. PO2:Effective Communication: It helps to Question common wisdom, raise important questions and examine and arguments. PO3:Problem Solving: To equip the students to understand the sociological theories to solve real social problems in the society. It helps to serve in development agencies, government departments and projects. PO4:Analytical Reasoning: Collect and analyse the data, make conclusions and present arguments to find out the solutions to social problems. PO5:Team work: It helps the students to participate in research groups and market research firms skilfully. It helps to be a social entrepreneur, community worker, survey designer, research analyst, social statistician etc. PO6:Moral and Ethical Awareness: To gain moral, ethical and cultural values to participate in the community life. PO7:Lifelong Learning: To gain more knowledge and transfers skills as a facilitator of community development. It helps the graduates competent to make a difference in the community.	PS: Psychology, Sociology (PS)-The subject Sociology combined with Psychology is one of the best combinations which opens doors to understand the human behaviour enhance careers in social fields. It offers high career value and opportunities for students.




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UNDER GRADUATE DEPARTMENT – PSYCHOLOGY

2018-2021

Programme Name	Programme Outcomes	Programme Specific Outcomes	
B. A	1. Bachelor's Degree in psychology has been of great demand in the recent years. The need for psychological assistance and guidance has been recognized by all the sections of the society and there is a dearth of professionals in the field. 2. Keeping this in mind the present curricula have been framed to provide theoretical as well as practical training in a wide range of specializations that would help the undergraduates to peruse their interest in the field of education, clinical/hospital setup as well as in organizations in the capacity of counsellor, clinical psychologist, psychometrician, trainer and as a facilitator in organizational development process. 3. Students would also be equipped to prepare and fare well in competitive examinations conducted by UGC/ICSSR/State and Central Civil Services Boards etc. 4. The course is redesigned every year through Board of 5. Studies with emphasis not only on the syllabi but also on co-curricular activities such as book reviews/seminars/ presentations/assignments that would be out of the syllabi and constitute a part of the internal assessment.	PES	It is a classic combination for the students who aspire for civil services like IAS, KAS and Army exams. This combination also caters to demand of the student community who want to take up career in the field of HRD, Community Services.
		JPK	The purpose of combining study of Psychology with Optional Kannada and Journalism is to enhance the career opportunities for students who are Civil Services aspirants, budding talents in the field of Mass Communications, and those who want to carve a niche for themselves in the Mental Health Services.
		JEP	The objective of combining study of Psychology with Optional English and Journalism is to enhance the career opportunities for students who are Civil Services aspirants, budding talents in the field of Mass Communications, and those who want to carve a niche for themselves in the Mental Health Services.
		JPS	This program has been designed to equip students to shape their career in the field of education/teaching, law, civil services and mass communication. This course enables the students to understand the society well and cater to the demands of the public services.



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COURSE OUTCOME

Sl. No	Subject Code	Title of the Paper	Outcomes
1	1APYG1T	GENERAL PSYCHOLOGY PAPER I	1. The paper offered at the first Semester will enable the students to know that Psychology is both an Art and a Science of understanding Human Behaviour. 2. To apply the principles of Psychology in day-to-day life for a better understanding of themselves and others. 3. To understand the principles of Learning and economic methods of memorizing, which can be used by them for better learning.
2	2APYG2T	GENERAL PSYCHOLOGY PAPER II	1. All the major psychological or mental processes such as intelligence, motivation, emotions can be understood in the right perspective and applied in day-to-day life to better themselves and help people around them. 2. The knowledge of the Psycho - social correlates of Personality will enable the students to attain holistic personality. 3. The Indian perspective of Personality development enriches the students to understand behaviour in the cultural context. 4. The process and importance of Sleep and Dreams will be scientifically understood. An awareness about the conditions that lead to Altered states of Consciousness is obtained.
3	3APYD3T	DEVELOPMENTAL PSYCHOLOGY PAPER III	1. The students would have gained knowledge about how life begins, the role of heredity and environment, the nature versus nurture issues in the human development. 2. They will gain knowledge about the development of physical, cognitive, emotional, social aspects and language in the early developmental years. 3. The causes and symptoms of the chromosomal, genetic disorders and sex chromosomal disorders are studied. 4. They will also learn about the developmental hazards in the Prenatal period and their long term and short-term effects on the child. 5. A thorough understanding about Childhood as a period of Growth in all aspects of development will be attained.




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4	4APYD4T	DEVELOPMENTAL PSYCHOLOGY PAPER IV	1. An extensive knowledge about how people grow, develop and adapt at different stages of Lifespan is obtained. The biological, social and cultural factors that affect development is enriched. 2. Students can understand the underlying causes of their own behaviour scientifically and make attempts to understand others around them, thus helping in developing healthy self- image and building harmonious relationships. 3. They become aware of the problems, issues that may have to be faced, adjustments to be made in different stages of lifespan. 4. They will understand issues such as Adolescent period of Stress and Storm, Midlife Crises, Sandwich generation and Reclining Old age
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Sl. No	Subject Code	Title of the Paper	Outcomes
5	5APYA5T	ABNORMAL PSYCHOLOGY PAPER V	1. To know the historical development of the study of abnormal behaviour, different criteria, aspects and perspectives of abnormal behaviour. 2. To become aware of the myths and facts of abnormal behaviour, DSM and ICD classification, symptoms and causes of different kinds of disorders. 3. To know some of the most common disorders such as panic attacks, conversion disorders, phobias, obsessive compulsive disorders that we come across around us and in the social media. 4. To understand the behavioural dysfunctions and significance of Mental health.
5	5APYO6T	ORGANISATIONAL BEHAVIOUR PAPER V A	5. Obtain knowledge about the history, concepts, goals and scope of Industrial - Organizational Psychology. 2. Understand about the problems and issues related to people in Organisations and other work places. 3. Comprehend the concepts of Job Analysis, Job satisfaction, Organisational culture and Morale. 4. Learn about the process of employee selection, the various methods of selection process and the psychological tests used in Recruitment. 5. The Personality traits and types suited for different jobs will be understood in detail. 6. Exhaustive knowledge about the factors influencing Job satisfaction is gained.
5	5APYE6T	EDUCATIONAL PSYCHOLOGY PAPER V B	1. After the completion of this Course, the students will be able to understand the nature and scope of Educational Psychology and the role of Psychology in present School. 2. The theories of Effective instructions, the importance of healthy social and emotional climate to be provided in the educational organizations. 3. The students have the scope of extending this knowledge to their college education also. 4. It can motivate them to achieve and have mastery over their skills and fields of interests. 5. The application of memory and the economic methods of learning and utilization of the knowledge acquired is an added advantage. 6. Students who aspire to take up jobs in the educational field would benefit a lot from this course.



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Sl. No	Subject Code	Title of the Paper	Outcomes
6	6APYA7T	ABNORMAL PSYCHOLOGY PAPER VI	1. Understand the categories, symptoms, causes and treatment of Personality disorders and Paraphilias. Become aware of the causes and situations that lead to Substance abuse such as addiction to drugs, alcohol and nicotine, the short-term and the long-term effects of such addictions. 2. Understand the diagnostic criteria, symptoms, causes and types of the psychotic disorder Schizophrenia. 3. The different types of Mood disorders (Manic - depressive psychosis) Bipolar and Unipolar disorders.
6	6APYO8T	ORGANISATION AL BEHAVIOUR PAPER VI A	1. Understand the factors affecting perceptions of people in the workplace. Also, the probable errors of perception among different groups of employees. 2. Understand different kinds of Decision Making which are very crucial, especially for the persons holding key roles in an organization. This chapter also extensively studies the probable varied errors in Decision Making. 3. The chapter on Personality brings a wider knowledge on the different personality traits and types suited for different kinds of jobs and positions in an organization. It also throws light on personality types which are at risk at workplace. 4. Gain knowledge about an important aspect namely, Job satisfaction and its determining factors. Understand the required Managerial skills, interpersonal skills, effects of different styles of Leadership. 5. Understand Consumer behaviour, methods of advertising and the process of communication.



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6	6APYE8T	EDUCATIONAL PSYCHOLOGY PAPER VI B	1. Understand the individual differences in intelligence and cognitive abilities. How to foster creativity and guide creative children. 2. Understand the mentally challenged children, classify them on the basis of adaptive behavior and to plan for their education. 3. Understand the limitations and deprivation among socially marginalized children and the existing learning disabilities in children. 4. Gain knowledge about various types of disabilities and behavioral problems in children. Remedial measures that can be adopted to educate them. 5. Gain knowledge of Sociometry and group processes, the stars and isolates in the classroom and the effect on their personality development. The study of the structure and characteristics of classroom will enable them to have vivid imagination about the dynamics and requirements of classrooms. 6. They gain much knowledge about the role of teacher as a facilitator and a leader to make impact on the academic, social and emotional development of children.
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CO – COURSE OUTCOME

2021-2022

UNDER GRADUATE DEPARTMENT – PSYCHOLOGY

DEPARTMENT OF PSYCHOLOGY			
Sem	Subject Code	Paper Title	Course Outcome
I	BA1-PSYCT1	FOUNDATIONS OF PSYCHOLOGY - I	* Students will understand the importance of Psychology. * Students will gain basic knowledge about Psychology. * Students will understand the fundamental mental processes which are the base for behaviour. * Students will understand the applications of Psychology in various fields.
	OE1-PSY1	PSYCHOLOGY OF HEALTH AND WELLBEING (OEC)	* Understand the spectrum of Health and Illness for better health and management. * Identifying stresses in one's life and how to manage them. * Understanding a variety of health, announcing health protective and health compromising behaviours and to be able to know their application in Illness Management.
II	BA2-PSYCT2	FOUNDATIONS OF BEHAVIOR	* Students will be able to evaluate and understand the different emotions. * Students will be able to critically evaluate and identify determinants of motivation. * Students will be able to compare and contrast the different theories of Intelligence. * Students will be able to differentiate the Human Personalities.
	OE2-PSY2	YOUTH, GENDER AND IDENTITY (OEC)	* Gaining the psychological understanding of various concepts such as Youth, Gender and Identity. * Gain knowledge about relationships, family orientation and work culture. * Psychological impact of Globalization on Youth and Individual's Identity. * Legal and Ethical concerns related to Youth and gender.




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CO – COURSE OUTCOME

2022-2023

UNDER GRADUATE DEPARTMENT – PSYCHOLOGY

DEPARTMENT OF PSYCHOLOGY			
Sem	Subject Code	Paper Title	Course Outcome
III SEMESTER	BA1-PSYCT3	CHILD DEVELOPMENT	CO1 To understand the Physical, Cognitive and Language development
			CO2 To know about the role Emotional and Moral development
			CO3 To understand the genetic and chromosomal abnormalities
			CO4 To understand the different disorders faced by children in their growth period
	OE3- PSY3	PSYCHOLOGY AND MENTAL HEALTH	CO1 To understand the fundamentals of mental health.
			CO2 To create awareness about importance of mental health.
			CO3 To understand the Challenges in the field of mental health.
			CO4 To understand the Importance of Psychological interventions.
IV SEMESTER	BA1-PSYCT4	DEVELOPMENTAL PSYCHOLOGY	CO1 To understand and analyse the Physical, Cognitive and Psychosocial development.
			CO2 To know about the vocational adjustment.
			CO3 To understand the aging, the ageing process and facing the future.




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PO, PSO – PROGRAM OUTCOMES, PROGRAM SPECIFIC OUTCOMES
2021-2022

UNDERGRADUATE PROGRAM – PSYCHOLOGY

DEPARTMENT OF PSYCHOLOGY				
Programme Name	Program Code	Sub Code	Programme outcomes	Programme Specific outcomes
B.A-PS/ BA-PE	UNAPS, UNAPE	BA1-PSYCT1 OE1-PSY1 BA2-PSYCT2 OE2-PSY2	PO1- KNOWLEDGE: The students after completion of BA Programme in Psychology will develop understanding of major Psychological concepts. PO2- PROBLEM ANALYSIS: Understand how psychological theories and principles relate to everyday life and apply knowledge of behavior modification and life skill training to solve everyday problems. PO3- INVESTIGATION: Empirically understand and analyze the concepts of Psychology. PO4- LIFELONG LEARNING: They will be equipped to synthesize psychological behavior and put them into practice.	(PS) Psychology Sociology - It is a classic combination for the students who aspire for civil services like IAS, KAS and Army exams. This combination also caters to the demand of the student community who want to take up a career in the field of HRD, Community Services. (PE) Psychology Optional English - The objective of combining study of Psychology with Optional English is to enhance the career opportunities for students who want to carve a niche for themselves in the Mental Health Services and gain a Psychological perspective which are deep rooted in Classic English Literature.




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**PO, PSO – PROGRAM OUTCOMES, PROGRAM SPECIFIC OUTCOMES
2022-2023**

UNDERGRADUATE PROGRAM – PSYCHOLOGY

DEPARTMENT OF PSYCHOLOGY			
Programme Name	Programme Code	Programme Outcome	Programme Specific Outcome
B.A.,	UNAPS, UNAPE	PO1- KNOWLEDGE: The students after completion of BA Programme in Psychology will develop understanding of major Psychological concepts. PO2- PROBLEM ANALYSIS: Understand how psychological theories and principles relate to everyday life and apply knowledge of behavior modification and life skill training to solve everyday problems. PO3- INVESTIGATION: Empirically understand and analyze the concepts of Psychology. PO4- LIFELONG LEARNING: They will be equipped to synthesize psychological behavior and put them into practice.	(PS) Psychology Sociology - It is a classic combination for the students who aspire for civil services like IAS, KAS and Army exams. This combination also caters to the demand of the student community who want to take up a career in the field of HRD, Community Services. (PE) Psychology Optional English - The objective of combining study of Psychology with Optional English is to enhance the career opportunities for students who want to carve a niche for themselves in the Mental Health Services and gain a Psychological perspective which are deep rooted in Classic English Literature.




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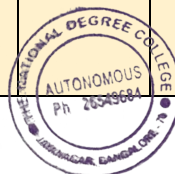
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UNDER GRADUATE DEPARTMENT – JOURNALISM

2018-2021

Programme Name	Programme Outcomes	Programme Specific outcomes	
B. A	1. After getting the status of Autonomy the college has introduced Journalism as a study in B.A. Course. Department of Journalism desires to develop a strategic plan not only to meet the current needs of Journalism education but also to help industry professionals predict future media trends. Hence the Department undertakes this exercise of inculcating new dimension to the study of Journalism and initiate the attempt to produce a group of creative, conscientious and courageous young Journalists to the Society. 2. Keeping this in mind the present curricula has been framed to apprise the student of all the current and contemporary aspects of the subject; to make the student aware of the importance of self-reliance in seeking the acquiring information; to make the student to think critically, creatively and independently because good media writing depends on carefully analysing situations or issues and then finding effective ways to convey meaningful information to diverse audiences. 3. Students would also be equipped to imbibe professional standards, ethical principles that guide media responsibilities and to master grammar, word usage and punctuation, so that writing can be easily designed.	JEP JPK	The objective of combining study of Journalism with Optional English or Kannada and Psychology is to enhance the career opportunities for students particularly in the field of Journalism and Mass Communications apart from Public Relations and Civil Services aspirants. This will certainly enable them to master the local language in particular.
		HJE HJK	This combination is in great demand in recent years. This will provide opportunity to students to study History and Language, along with Journalism, which are very much in need to master the literary talents. This has been designed to equip the students to shape the career in the field of Journalism, Mass Communication, Education/teaching/law/civil services There is a dearth of professions with this educational background.
		JPS	This program has been designed to equip students to shape their career in the field of Sociology, mass communication, journalism, public relations, education/teaching, law, civil services and mass communication. This course enables the students to understand the society well and cater to the demands of the public services.



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COURSE OUTCOME

Sl. No	Paper	Title of the Paper	Outcomes
1	PAPER I	INTRODUCTION TO COMMUNICATION AND JOURNALISM	1. The students are introduced to the fundamentals of Communication and Journalism. 2. This is to provide them with new insights into the basic tenets of both Communication and Journalism with special emphasis on the latest development.
2	PAPER II	MASS COMMUNICATION.	1. The students are introduced to the history of Print Media - Newspapers in India and Karnataka with special emphasis on the achievement of stalwarts in Journalism. 2. This also provides fundamental knowledge of Electronic Media - Origin and development of Radio Television, New Media - Internet, Blogs, Content Writing, Social Network such Face book, Twitter, WhatsApp, Instagram etc. and Traditional and Folk Media.
3	PAPER III	REPORTING TECHNIQUES	1. The students are provided with the opportunity to learn and master Reporting Techniques, which is the life-blood of Journalism. 2. This paper also deals with news, news gathering, news values, news sources. Here students will learn the basic techniques of writing leads, conducting Interviews, news writing, feature writing, organising the elements of news and understanding the style and structure of news. They will also learn how to participate and behave in a press or news conference.
4	PAPER IV	EDITING TECHNIQUES	1. All information that pours into the newspaper office does not find a place in the newspaper. The information received is subject to the process of editing so that the news stories are presented in an effective way. 2. Here students are provided with an opportunity to learn the techniques of newspaper editing, writing appropriate headlines, photo editing, newspaper layout and page make-up. Students will get to know the qualities and responsibilities of Editor, News Editor and Sub Editor.
5	PAPER V	ELECTRONIC MEDIA	1. This paper on Electronic Media provides the students to study in detail, the origin and development of Radio, Television and Cinema and also their impact on society. 2. This also depicts strength and limitations of each medium.
5	PAPER VI	MEDIA LAWS AND ETHICS	1. This paper provides an opportunity to the student to know about Media Laws and Ethics. 2. This throws light on Indian Constitution, freedom of speech and expression, freedom of press, copyright, legislative privileges, right to information and right to privacy.



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Sl. No	Paper	Title of the Paper	Outcomes
5	PAPER VII	ADVERTISING AND MEDIA MANAGEMENT	1.This paper introduces the student the fascinating world of advertising. This encompasses functions of Advertising Agencies, copy writing, slogan writing and visualisation. The students are also introduced to the vital aspects of Media Management such as Newspaper organisation and its management. Starting of Newspapers and Magazines, Problems and prospects of Newspapers Industry, Status of Radio and Television etc.
6	PAPER VIII	PUBLIC RELATIONS	1.In Modern times, Public Relation has assumed signification and for an establishment. It is absolutely essential to have a trained communicator to cater to the needs of the varied situations. This paper is designed to introduce the students to the fundamentals of Public Relations and Corporate Communications. This also provides an opportunity to students to learn the significance and importance of House Journals and techniques of editing the same.
6 (a)	PAPER VIII	PROJECT SUBMISSION AND VIVA VOCE	1.The students are given a unique opportunity to take up Research work and prepare a project work, not less than 1000 words, on any topic of their choice under the guidance of the Subject Expert/HOD of Journalism, and submit it to the Department. A professional committee will be formed to the viva voce.



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CO – COURSE OUTCOME

2021-2022

UNDER GRADUATE DEPARTMENT – JOURNALISM

DEPARTMENT OF JOURNALISM			
Sem	Subject Code	Paper Title	Course Outcome
I Semester	BA1-JOUCT1	INTRODUCTION TO COMMUNICATION AND JOURNALISM	The students are introduced to the fundamentals of Communication and Journalism. This is to provide them with new insights into the basic tenets of both Communication and Journalism with special emphasis on the latest development.
II Semester	BA2-JOUCT2	MASS COMMUNICATION	The students are introduced to the history of Print Media - Newspapers in India and Karnataka with special emphasis on the achievement of stalwarts in Journalism. This also provides fundamental knowledge of Electronic Media - Origin and development of Radio Television, New Media - Internet, Blogs, Content Writing, Social Network such Face book, Twitter, WhatsApp, Instagram etc. and Traditional and Folk Media.




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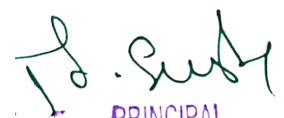
2022-2023

UNDER GRADUATE DEPARTMENT – JOURNALISM

DEPARTMENT OF JOURNALISM

Sem	Subject Code	Paper Title	Course Outcome
III SEMESTER	PAPER 3	News Reporting and Analysis	CO1 Organize and articulate news stories understanding the concept, structure, and types of news, special emphasis on the latest development.
			CO2 Evaluate and analyse the importance of sources and types of information that provide the basis of news stories.
			CO3 Formulate skills for news selection, processing, prioritising and finally, designing the end product, identify the basic ethical issues confronting editors and can practice fair play.
	OE 3	Feature Writing and Freelancing	CO1 Organize and articulate competent feature stories understanding the concepts, structure and types of features.
			CO2 Write different types of feature stories and get published.
			CO3 The students should turn into serious freelancers understanding ups and downs in freelancing.
IV SEMESTER	PAPER IV	News Processing and Editing	CO1 Understand the role of editors. Edit copy precisely and consistently, using correct grammar and eliminating libellous passages and items in poor state.
			CO2 Write clear and accurate headlines, decks and captions.
			CO3 Design basic news pages. Understand the basic ethical issues confronting editors.




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**PO, PSO – PROGRAM OUTCOMES, PROGRAM SPECIFIC OUTCOMES
2021-2022**

UNDERGRADUATE PROGRAM – JOURNALISM

DEPARTMENT OF JOURNALISM				
Programme Name	Program Code	Sub Code	Programme outcomes	Programme Specific outcomes
BA- JE/BA- JP BA- JP/ BA- JE	UNAJE UNAJP	BA1- JOUCT1 BA1- JOUCP1 BA2- JOUCT2 BA2- JOUCP2	Students would also be equipped to imbibe professional standards, ethical principles that guide media responsibilities and to master grammar, word usage and punctuation, so that writing can be easily designed. PO1: knowledge: To get both theoretical and practical knowledge in different sectors of Journalism. PO2: Problem Analysis: It helps to make students involve in current happenings and throw light on problems of the society. PO3: Investigation: It encourages students to look over many issues and enlighten the society through journalistic way. PO4: Design: It's a problem solving tool that encourages playfulness and experimentation. PO5: Modern tool usage: It helps to learn and understand the things easier and also to get job in current situation. PO6: Environment sustainability: It helps them to build courage and confidence to work with any kind of situation. PO7: Ethics: It guides students about the limitations of media and develops comprehensive set of principles and standards for the practice of Journalism. PO8: Individual and team work: It shares knowledge, motivates students and builds lot of self confidence in their work. PO9: Communication: It helps to interact and exchange ideas of education, information and entertainment.	1)The objective of combining study of Journalism with Optional English is to enhance the career opportunities for students particularly in the field of Journalism and Mass Communications apart from Public Relations and Civil Services aspirants . 2) This will certainly enable them to master the local language in particular. 3)This combination gives them. This combination helps students to adopt good language and writing skills in future. English literature gives a deep knowledge into the language which further associates the field of journalism. 4) This combination is in great demand in recent years. This is one of the popular combination in degree subjects. 5) The Psychology of Journalism takes a media psychological approach towards a better understanding of key aspects of news production and reception. Media psychology is an emerging discipline which is concerned with understanding the interaction between individuals and communication technology.



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**PO, PSO – PROGRAM OUTCOMES, PROGRAM SPECIFIC OUTCOMES
2022-2023**

UNDERGRADUATE PROGRAM – JOURNALISM

DEPARTMENT OF JOURNALISM			
Programme Name	Programme Code	Programme Outcome	Programme Specific Outcome
BA-JE/ BA- JP/ BA- JE	UNAJE UNAJP	Students would also be equipped to imbibe professional standards, ethical principles that guide media responsibilities and to master grammar, word usage and punctuation, so that writing can be easily designed. PO1: knowledge: To get both theoretical and practical knowledge in different sectors of Journalism. PO2: Problem Analysis: It helps to make students involve in current happenings and throw light on problems of the society. PO3: Investigation: It encourages students to look over many issues and enlighten the society through journalistic way. PO4: Design: It's a problem solving tool that encourages playfulness and experimentation. PO5: Modern tool usage: It helps to learn and understand the things easier and also to get job in current situation. PO6: Environment sustainability: It helps them to build courage and confidence to work with any kind of situation. PO7: Ethics: It guides students about the limitations of media and develops comprehensive set of principles and standards for the practice of Journalism. PO8: Individual and team work: It shares knowledge, motivates students and builds lot of self confidence in their work. PO9: Communication: Demonstrate depth of knowledge in communication, media and ancillary domains.	1)The objective of combining study of Journalism with Optional English is to enhance the career opportunities for students particularly in the field of Journalism and Mass Communications apart from Public Relations and Civil Services aspirants . 2) This will certainly enable them to master the local language in particular. 3)This combination gives them. This combination helps students to adopt good language and writing skills in future. English literature gives a deep knowledge into the language which further associates the field of journalism. 4) This combination is in great demand in recent years. This is one of the popular combination in degree subjects. 5) The Psychology of Journalism takes a media psychological approach towards a better understanding of key aspects of news production and reception. Media psychology is an emerging discipline which is concerned with understanding the interaction between individuals and communication technology. 6) Psychology has its impact on journalism which assists one to reach out the mass in a better and manipulative way"




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UNDER GRADUATE DEPARTMENT – MATHEMATICS

2018-2021

Programme Name	Programme Outcome	Programme Specific Outcome	
B.Sc.	1.The combination Mathematics with Physics and Electronics, Physics and Computer Science, Electronics and Computer Science enhances career opportunities for students who are aspirants of PG/Research.	PCM	1. Students are motivated to pursue higher education.
		PMCs	1.Students are trained to take diverse career opportunities in industries along with education.
		EMCs	1.Students are trained to take diverse career opportunities in industries along with education.
		PME	1.Students are trained with the basic knowledge to pursue further education.



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COURSE OUTCOME

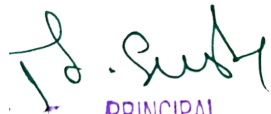
Semester	Subject Code	Title of the paper	Outcomes
I SEM	1SMAT1T	MATHEMATICS PAPER – 1	1.The students are introduced to the concepts of Abstract Algebra such as Groups, Sub Groups and their properties. 2.The paper provides basic knowledge about Differential and Integral Calculus and 3-dimensional Analytical Geometry. 3.The paper also provides topics on Calculus in continuation of Paper 1.
II SEM	2SMAT2T	MATHEMATICS PAPER – 2	1.The students are introduced to concepts of Matrices and Differential Equations. 2. The paper also provides topics on Differential Equations in continuation of Paper 2.
III SEM	3SMAT3T	MATHEMATICS PAPER - 3	1.The students are introduced to the concepts of Abstract Algebra such as Order of an element of a Group, Cyclic Groups, Cosets and LaGrange's theorem and its consequences. 2.The paper provides basic knowledge about Sequences and Series of Real Numbers.
IV SEM	4SMAT4T	MATHEMATICS PAPER - 4	1.The students are introduced to the concepts of Abstract Algebra such as Normal Subgroups, Homomorphism, Isomorphism and Cayley Theorem. 2.The students are exposed to topics such as Fourier Series and Mathematical Methods such as Laplace Transforms.
V SEM	5SMAT5T	MATHEMATICS PAPER – 5	1.The students are introduced to the concepts of Abstract Algebra such as Rings, Integral Domains and Fields. 2.The paper also provides concepts on Vector differential Calculus and Numerical Methods.
	5SMAT6T	MATHEMATICS PAPER – 6	1.The students are introduced to the concepts of Variational problems, Geodesics and Isoperimetric problems. 2.The paper also provides concepts on Advanced Calculus such as Line and Multiple Integrals and Integral Theorems.
VI SEM	6SMAT7T	MATHEMATICS PAPER – 7	1.The students are introduced to the concepts of Linear Algebra such as Vector Spaces, Linear Transformations along with Standard Theorems. 2.The paper also provides concepts on Partial Differential Equations and their applications.
	6SMAT8T	MATHEMATICS PAPER – 8	1.The students are introduced to the concepts of Complex Analysis such as Analytic Functions, Bi – Linear transformation and Conformal Mappings. 2. The paper also provides concepts on Computational Numerical Methods to solve Algebraic and Transcendental Equations along with Methods to solve ODEs.
I SEM BCA	1BCAMAT	DISCRETE MATHEMATICS MATHEMATICS I	1.The students are introduced to the concepts of Set theory, Relations and Functions and topics on Permutation and Combination, Binomial Theorem. 2. The paper also provides concepts on Fundamentals of Mathematical Logic and Matrices with topics of Inverse of Matrix and Cayley Hamilton Theorem.




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Semester	Subject Code	Title of the paper	Outcomes
II SEM BCA	2BCAMAT	STATISTICAL MATHEMATICS MATHEMATICS II	1. The students are introduced to the concepts of Numerical Methods such as Interpolation Methods, Solving system of Linear Equations, IVPs and various methods. 2. The paper also provides concepts on Statistics and Probability and important topics related to it.
I SEM B COM	1BCBMAT	BUSINESS MATHEMATICS	1. The students are introduced to the concepts of Basic concepts in mathematics like Number system, Theory of Equations. 2. The paper also provides concepts on Matrices, Progressions and Commercial Arithmetic.
II SEM BCOM	2BCBSTA	BUSINESS STATISTICS	1. The students are introduced to the concepts of Basic concepts in Statistics, classification and tabulation of data. 2. The paper also provides concepts on Central tendency, dispersion and skewness with brief description of sub topics.




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CO – COURSE OUTCOME

2021-2022

UNDER GRADUATE DEPARTMENT – UG MATHEMATICS

DEPARTMENT OF MATHEMATICS

Sem	Subject Code	Paper Title	Course Outcome
I	BS1-MATCT1	Algebra – I and Calculus-I	• Learn to solve system of linear equations. • Solve the system of homogeneous and non homogeneous linear of m equations in n variables by using concept of rank of matrix, finding eigen values and eigenvectors. • Sketch curves in Cartesian, polar and pedal equations. • Students will be familiar with the techniques of integration and differentiation of function with real variables. • Identify and apply the intermediate value theorems and L'Hospital
	BS1-MATCP1	Practical Algebra – I and Calculus-I	• Learn Free and Open Source Software (FOSS) tools for computer programming • Solve problem on algebra and calculus theory studied in MATDSCT 1.1 by using FOSS software's. • Acquire knowledge of applications of algebra and calculus through FOSS.
	OE1- MAT1	Mathematics-I (Science stream)	• Learn to solve system of linear equations. • Solve the system of homogeneous and non homogeneous m linear equations by using the concept of rank of matrix, finding eigen values and eigenvectors. • Students will be familiar with the techniques of differentiation of function with real variables. • Identify and apply the intermediate value theorems and L'Hospital rule. • Learn to trace some standard curves.
		Business Mathematics – I (Non-Science)	• Translate the real word problems through appropriate mathematical modeling. • Explain the concepts and use equations, formulae and mathematical expression and relationship in a variety of context. • Finding the extreme values of functions. • Analyze and demonstrate the mathematical skill require in mathematically intensive areas in economics and business.
II	BS2-MATCT2	Algebra – II and Calculus-II	• Translate the real word problems through appropriate mathematical modeling. • Explain the concepts and use equations, formulae and mathematical expression and relationship in a variety of context. • Finding the extreme values of functions. • Analyze and demonstrate the mathematical skill require in mathematically intensive areas in economics and business.



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	BS2-MATCP2	Practical Algebra –II and Calculus-II	• Learn Free and Open Source Software (FOSS) tools for computer programming. • Solve problem on algebra and calculus by using FOSS software's. • Acquire knowledge of applications of algebra and calculus through FOSS.
	OE2-MAT2	Mathematics-II (Science stream)	• Recognize the mathematical objects called Groups. • Link the fundamental concepts of groups and symmetries of geometrical objects. • Explain the significance of the notions of Cosets, normal subgroups and factor groups. • Understand the concept of differentiation and fundamental theorems in differentiation and various rules. • Find the extreme values of functions of two variables. • To understand the concepts of multiple integrals and their applications.
		Business Mathematics – II (Non-Science)	• Integrate concept in international business concept with functioning of global trade. • Evaluate the legal, social and economic environment of business. • Apply decision-support tools to business decision making. • Will be able to apply knowledge of business concepts and functions in an integrated manner.



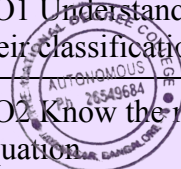
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CO – COURSE OUTCOME

2022-2023

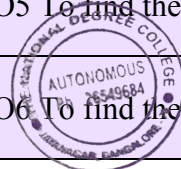
UNDER GRADUATE DEPARTMENT – UG MATHEMATICS

DEPARTMENT OF MATHEMATICS			
Sem	Subject Code	Paper Title	Course Outcome
III SEMESTER	BS3- MATDSCT3.1	Ordinary Differential Equations and Real Analysis	CO1 Solve first-order non-linear differential equations and linear differential equations.
			CO2 To model problems in nature using Ordinary Differential Equations.
			CO3 Formulate differential equations for various mathematical models
			CO4 Apply these techniques to solve and analyze various mathematical models.
			CO5 Understand the fundamental properties of the real numbers that lead to define sequence and series, the formal development of real analysis.
			CO6 Learn the concept of Convergence and Divergence of a sequence.
			CO7 Able to handle and understand limits and their use in sequences, series, differentiation, and integration.
			CO8 Apply the ratio, root, alternating series, and limit comparison tests for convergence and absolute convergence of an infinite series
	MATDSCP3.1	Practical's on Ordinary Differential Equations and Real Analysis	CO1 Free and Open Source software (FOSS) tools or computer programming.
			CO2 Solving exact differential equations
			CO3 Plotting orthogonal trajectories
			CO4 Finding complementary function and particular integral of linear and homogeneous differential equations.
			CO5 Acquire knowledge of applications of real analysis and differential equations.
			CO6 Verification of convergence/divergence of different types of series
	MATOET3.1(A) & MAT3.1(B)	Ordinary Differential Equations	CO1 Understand the concept of the differential equation and their classification
			CO2 Know the meaning of the solution of a differential equation



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			CO3 To solve first-order ordinary differential equations.
			CO4 To solve linear differential equations.
			CO5 To solve exact differential equations.
			CO6 To find the solution to higher-order linear differential equations with constant coefficients.
		Quantitative Mathematics	CO1 Understand number system and fundamental operations
			CO2 Understand the concept of linear, quadratic and simultaneous equations and their applications in real life problems
			CO3 Understand and solve the problems based on Age.
			CO4 Solve Speed and Distance related problems
IV SEMESTER	MATDSCT4.1	Partial Differential Equations and Integral Transforms	CO1 Solve the Partial Differential Equations of the first order and second order.
			CO2 Formulate, classify and transform partial differential equations into canonical form.
			CO3 Solve linear and non-linear partial differential equations using various methods; and apply these methods to solving some physical problems.
			CO4 Able to solve wave equation and heat equation.
			CO5 Understand the concept of Laplace Transforms.
			CO6 Able to find the Fourier series and Fourier Transform of given functions.
	MATDSCP4.1	Practicals on Partial Differential Equations and Integral Transforms	CO1 Learn Free and Open Source software (FOSS) tools or computer programming.
			CO2 Solve problems on Partial Differential Equations and Integral transforms
			CO3 To find Laplace transform of various functions
			CO4 To find inverse Laplace transform of various functions
			CO5 To find the Fourier series of periodic functions
			CO6 To find the half range Fourier series of some functions



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**PO, PSO – PROGRAM OUTCOMES, PROGRAM SPECIFIC OUTCOMES
2021-2022**

UNDERGRADUATE PROGRAM – UG MATHEMATICS

DEPARTMENT OF MATHEMATICS (UG)				
Programme Name	Program Code	Sub Code	Programme outcomes	Programme Specific outcomes
BSc-PM	UNSPM	BS1-MATCT1 BS1-MATCP1 OE1-MAT1 BS2-MATCT2 BS2-MATCP2 OE2-MAT2	PO 1 Disciplinary Knowledge: Bachelor degree in Mathematics is the culmination of in-depth knowledge of Algebra, Calculus, Geometry, differential equations and several other branches of pure and applied mathematics. This also leads to study the related areas such as computer science and other allied subjects. PO 2 Communication Skills: Ability to communicate various mathematical concepts effectively using examples and their geometrical visualization. The skills and knowledge gained in this program will lead to the proficiency in analytical reasoning which can be used for modeling and solving of real life problems. PO 3 Critical thinking and analytical reasoning: The students undergoing this programme acquire ability of critical thinking and logical reasoning and capability of recognizing and distinguishing the various aspects of real life problems. PO 4 Problem Solving : The Mathematical knowledge gained by the students through this programme develop an ability to analyze the problems, identify and define appropriate computing requirements for its solutions. This programme enhances students overall development and also equip them with mathematical modeling ability, problem solving skills. PO 5 Research related skills: The completing this programme develop the capability of inquiring about appropriate questions relating to the Mathematical concepts in different areas of Mathematics.	PSO 1 The objective of Mathematics and physics combination is to cater to the demands of the student community to study such combination that enable them to have diverse career opportunities. PSO 2 Mathematics subject is combined with Physics has been a popular option among the students. PSO 3 The objective of combining Mathematics with Physics is to enhance career opportunities for students who are aspirants of PG/Research.


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**PO, PSO – PROGRAM OUTCOMES, PROGRAM SPECIFIC OUTCOMES
2022-2023**

UNDERGRADUATE PROGRAM – UG MATHEMATICS

DEPARTMENT OF MATHEMATICS

Programme Name	Programme Code	Programme Outcome	Programme Specific Outcome
BSc-PM	UNSPM	PO 1 Disciplinary Knowledge: Bachelor degree in Mathematics is the culmination of in-depth knowledge of Algebra, Calculus, Geometry, differential equations and several other branches of pure and applied mathematics. This also leads to study the related areas such as computer science and other allied subjects. PO 2 Communication Skills: Ability to communicate various mathematical concepts effectively using examples and their geometrical visualization. The skills and knowledge gained in this program will lead to the proficiency in analytical reasoning which can be used for modeling and solving of real life problems. PO 3 Critical thinking and analytical reasoning: The students undergoing this programme acquire ability of critical thinking and logical reasoning and capability of recognizing and distinguishing the various aspects of real life problems. PO 4 Problem Solving : The Mathematical knowledge gained by the students through this programme develop an ability to analyze the problems, identify and define appropriate computing requirements for its solutions. This programme enhances students overall development and also equip them with mathematical modeling ability, problem solving skills. PO 5 Research related skills: The completing this programme develop the capability of inquiring about appropriate questions relating to the Mathematical concepts in different areas of Mathematics. PO 6 Information/digital Literacy: The completion of this programme will enable the learner to use appropriate softwares to solve system of algebraic equation and differential equations. PO 7 Self –directed learning: The student completing this program will develop an ability of working independently and to make an in depth study of various notions of Mathematics. PO 8 Moral and ethical awareness/reasoning: : The student completing this program will develop an ability to identify unethical behavior such as fabrication, falsification or misinterpretation of data and adopting objectives, unbiased and truthful actions in all aspects of life in general and mathematical studies in particular.	PSO 1 The objective of Mathematics and physics combination is to cater to the demands of the student community to study such combination that enable them to have diverse career opportunities. PSO 2 Mathematics subject is combined with Physics has been a popular option among the students. PSO 3 The objective of combining Mathematics with Physics is to enhance career opportunities for students who are aspirants of PG/Research.




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UNDER GRADUATE DEPARTMENT – PHYSICS

2018-2021

Programme Name	Programme Outcomes	Programme Specific Outcomes
B.Sc. (PCM) B.Sc. (PME) B.Sc. (PMCs)	PO1: Student can pursue their career as theoretical physicist/experimentalist based on his/her interest in physics. PO2: Introduction to optics would make student visualize how light behaves. PO3: Students would be able to analyse electrical circuits. PO4: Students are enabled to realize the key requirements to understand electrical and optical behaviour as they are introduced to optics, electricity and magnetism. PO5: Students are enabled to connect both the aspects theoretical (P301, P401) and experimental (P302, P402) for better understanding as the course content in practical papers are parallel to contents in theoretical modules. Practicals would make him/her visually connect to the phenomena.	PSO1: Students are motivated to pursue masters in field of physics and trained to take up research as their career. PSO2: There is a demand in role of science men in progressing nation like India; pupils with physics backdrop are able to connect the purity of mathematics with fast paced mechanical/electronic gadgets.




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COURSE OUTCOME

Semester	Subject Code	Title of the Paper	Course Outcomes
I	ISPHY1T	MECHANICS-I HEAT & THERMODYNAMICS - I	1. The paper offered at the first Semester will enable the students to get a proper introduction to mechanics and apply the principles of mechanics and conceptualize how most objects/things/machines work 2. To understand the basics of thermodynamics and develop interest in the effect of heat and kinetic theory.
II	2SPHY2T	MECHANICS-II HEAT & THERMODYNAMICS - II	1. Students are introduced to more technical and subtle concepts like angular momentum, special theory of relativity. 2. The students understand elastic nature of materials and appreciate their use in the structure of beams and other engineering applications. 3. The paper offers a brief overview about phase transition and the underlying principles of low temperature physics.
III	3SPHY3T	ELECTRICITY & MAGNETISM	1. The students in this paper gets a detailed treatment of principles of both static and current electricity. 2. They will gain knowledge about the different types of current measuring instruments and their practical applications. 3. They will also learn here about the origin of magnetism and basics of electromagnetic theory and good understanding of alternating current and its application is done during this semester
IV	4SPHY4T	OPTICS AND FOURIER SERIES	1. An extensive knowledge about the fascinating world of optics is provided during which they understand the principles and applications of interference, diffraction and polarization. 2. Students can learn the methods of Fourier analysis which is a handy tool in the research work. 3. They will understand the principle and working of optical fibres which are trending topic in new era of communication.




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Semester	Subject Code	Title of the Paper	Course Outcomes
V	5SPHY5T	STATISTICAL PHYSICS, QUANTUM MECHANICS - I ATMOSPHERIC PHYSICS & NANOMATERIALS	1. Students appreciate the statistical methods involved in the understanding of universe. 2. They get the flair of basics quantum mechanical approach. 3. Students understand more about earth's atmosphere and the significance of greenhouse effect. 4. To understand the importance of nano materials and their role in the wide range of applications
V	5SPHY6T	ASTROPHYSICS, SOLID STATE PHYSICS & SEMICONDUCTOR PHYSICS	1. To get knowledge about the universe, its evolutions. 2. Understand the importance of solid-state physics and the recent developments in this area. 3. Students learn the semiconductor devices and their importance in the digital hardware.
VI	6SPHY7T	ATOMIC MOLECULAR & NUCLEAR PHYSICS	1. After the completion of this Course, the students will be able to understand the development of techniques used in the study of atoms and molecules. 2. The students in this semester learn the newer ways of understanding of nucleus and harnessing nuclear energy, study of particles and experiments used in this research.
VI	6SPHY8T	ELECTRONICS MAGNETIC MATERIALS DIELECTRICS & QUANTUM MECHANICS -II	1. Students will understand the electronic devices and their functioning. 2. They become aware of a wide range of research going on in the synthesis of materials and principles involved in them. 3. Students learn different quantum mechanical methods of solving problems.



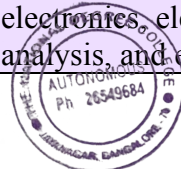

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CO – COURSE OUTCOME

2021-2022

UNDER GRADUATE DEPARTMENT – UG PHYSICS

DEPARTMENT OF PHYSICS (UG)			
Sem	Subject Code	Paper Title	Course Outcome
1	BS1-PHYCT1	Mechanics and Properties of Matter	1. Fixing units, tabulation of observations, analysis of data (graphical/analytical). 2. Accuracy of measurement and sources of errors, importance of significant figures. 3. Knowledge of how g can be determined experimentally and derive satisfaction. 4. Understanding the difference between simple and torsional pendulum and their use in the determination of various physical parameters. 5. Knowledge of how various elastic moduli can be determined. 6. Measuring surface tension and viscosity and appreciate the methods adopted. 7. Hands on experience of different equipments.
1	OE1-PHY1	Physics for All.	Students are prepared to take up exams at reputed institutes as technical experts that make them apt to work in research environment.
2	PHYCP2	Electricity and Magnetism	1. Demonstrate Gauss law, Coulomb's law for the electric field, and apply it to systems of point charges as well as line, surface, and volume distributions of charges. 2. Explain and differentiate the vector (electric fields, Coulomb's law) and scalar (electric potential, electric potential energy) formalisms of electrostatics. 3. Apply Gauss's law of electrostatics to solve a variety of problems. 4. Describe the magnetic field produced by magnetic dipoles and electric currents. 5. Explain Faraday-Lenz and Maxwell laws to articulate the relationship between electric and magnetic fields. 6. Describe how magnetism is produced and list examples where its effects are observed. 7. Apply Kirchhoff's rules to analyze AC circuits consisting of parallel and/or series combinations of voltage sources and resistors and to describe the graphical relationship of resistance, capacitor and inductor. 8. Apply various network theorems such as Superposition, Thevenin, Norton, Reciprocity, Maximum Power Transfer, etc. and their applications in electronics, electrical circuit analysis, and electrical machines.



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OE2-PHY2

Energy Sources

Students are prepared to take up exams at reputed institutes as technical experts that make them apt to work in research environment.



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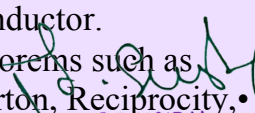
CO – COURSE OUTCOME

2022-2023

UNDER GRADUATE DEPARTMENT – UG PHYSICS

DEPARTMENT OF PHYSICS (UG)

Sem	Subject Code	Paper Title	Course Outcome
1	BS1-PHYCT1	Mechanics and Properties of Matter	1. Fixing units, tabulation of observations, analysis of data (graphical/analytical). 2. Accuracy of measurement and sources of errors, importance of significant figures. 3. Knowledge of how g can be determined experimentally and derive satisfaction. 4. Understanding the difference between simple and torsional pendulum and their use in the determination of various physical parameters. 5. Knowledge of how various elastic moduli can be determined. 6. Measuring surface tension and viscosity and appreciate the methods adopted. 7. Hands on experience of different equipments.
1	OE1-PHY1	Physics for All.	Students are prepared to take up exams at reputed institutes as technical experts that make them apt to work in research environment.
2	PHYCP2	Electricity and Magnetism	1. Demonstrate Gauss law, Coulomb's law for the electric field, and apply it to systems of point charges as well as line, surface, and volume distributions of charges. 2. Explain and differentiate the vector (electric fields, Coulomb's law) and scalar (electric potential, electric potential energy) formalisms of electrostatics. 3. Apply Gauss's law of electrostatics to solve a variety of problems. 4. Describe the magnetic field produced by magnetic dipoles and electric currents. 5. Explain Faraday-Lenz and Maxwell laws to articulate the relationship between electric and magnetic fields. 6. Describe how magnetism is produced and list examples where its effects are observed. 7. Apply Kirchhoff's rules to analyze AC circuits consisting of parallel and/or series combinations of voltage sources and resistors and to describe the graphical relationship of resistance, capacitor and inductor. 8. Apply various network theorems such as Superposition, Thevenin, Norton, Reciprocity, Maximum Power Transfer, etc. and their applications in electronics, electrical circuit analysis, and electrical machines.


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2	OE2-PHY2	Energy Sources	Students are prepared to take up exams at reputed institutes as technical experts that make them apt to work in research environment.
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**PO, PSO – PROGRAM OUTCOMES, PROGRAM SPECIFIC OUTCOMES
2021-2022**

UNDERGRADUATE PROGRAM – UG PHYSICS

DEPARTMENT OF PHYSICS (UG)				
Programme Name	Program Code	Sub Code	Programme outcomes	Programme Specific outcomes
BSC - PM/PC	UNSPC UNSPM	BS1-PHYCT1 BS1-PHYCP1	Fixing units, tabulation of observations, analysis of data (graphical/analytical) Accuracy of measurement and sources of errors, importance of significant figures Knowledge of how g can be determined experimentally and derive satisfaction. Understanding the difference between simple and torsional pendulum and their use in the determination of various physical parameter Knowledge of how various elastic moduli can be determined Measuring surface tension and viscosity and appreciate the methods adopted Hands on experience of different equipments.	Develop experimental, observation, computational, mathematical and data analysis skills of students through- Develop experimental, observation, computational, mathematical and data analysis skills of students through a wide range of experiments and practical at laboratories. Create positive attitude towards the environment, ecosystem and energy conservation and develop awareness of how human rights can be translated into social and political reality Provide opportunities to find links across different areas of knowledge, develop and evaluate ideas and information related to the project work and give an exposure to practical working environment and industrial practices.




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		PHYCT2 PHYCP2	Demonstrate Gauss law, Coulomb's law for the electric field, and apply it to systems of point charges as well as line, surface, and volume distributions of charges. Explain and differentiate the vector (electric fields, Coulomb's law) and scalar (electric potential, electric potential energy) formalisms of electrostatics. Apply Gauss's law of electrostatics to solve a variety of problems. 4Describe the magnetic field produced by magnetic dipoles and electric currents. 1)Explain Faraday-Lenz and Maxwell laws to articulate the relationship between electric and magnetic fields. Describe how magnetism is produced and list examples where its effects are observed. Apply Kirchhoff's rules to analyze AC circuits consisting of parallel and/or series combinations of voltage sources and resistors and to describe the graphical relationship of resistance, capacitor and inductor. Apply various network theorems such as Superposition, Thevenin, Norton, Reciprocity, •Maximum Power Transfer, etc. and their applications in electronics, electrical circuit analysis, and electrical machines.	Understand the basic concepts, theories and principles of various branches of Physics and realize the contributions of great physicists Acquire skills to read, understand and interpret physical information – verbal, mathematical and graphical. Obtain solutions to physical questions by use of qualitative and quantitative reasoning and by experimental investigation
Open elective	Physics for all	OE1-PHY1	Recall Fundamental and derived quantities, Units and dimensions Distinguish between Fundamental phenomenon of light such as reflection, refraction, diffraction, interference and scattering	Students are prepared to take up exams at reputed institutes as technical experts that make them apt to work in research environment.



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**PO, PSO – PROGRAM OUTCOMES, PROGRAM SPECIFIC OUTCOMES
2022-2023**

UNDERGRADUATE PROGRAM – UG PHYSICS

DEPARTMENT OF PHYSICS (UG)				
Programme Name	Program Code	Sub Code	Programme outcomes	Programme Specific outcomes
BSC - PM/PC	UNSPC UNSPM	BS1-PHYCT1 BS1-PHYCP1	Fixing units, tabulation of observations, analysis of data (graphical/analytical) Accuracy of measurement and sources of errors, importance of significant figures Knowledge of how g can be determined experimentally and derive satisfaction. Understanding the difference between simple and torsional pendulum and their use in the determination of various physical parameter Knowledge of how various elastic moduli can be determined Measuring surface tension and viscosity and appreciate the methods adopted Hands on experience of different equipments.	Develop experimental, observation, computational, mathematical and data analysis skills of students through- Develop experimental, observation, computational, mathematical and data analysis skills of students through a wide range of experiments and practical at laboratories. Create positive attitude towards the environment, ecosystem and energy conservation and develop awareness of how human rights can be translated into social and political reality Provide opportunities to find links across different areas of knowledge, develop and evaluate ideas and information related to the project work and give an exposure to practical working environment and industrial practices.




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		PHYCT2 PHYCP2	Demonstrate Gauss law, Coulomb's law for the electric field, and apply it to systems of point charges as well as line, surface, and volume distributions of charges. Explain and differentiate the vector (electric fields, Coulomb's law) and scalar (electric potential, electric potential energy) formalisms of electrostatics. Apply Gauss's law of electrostatics to solve a variety of problems. 4Describe the magnetic field produced by magnetic dipoles and electric currents. 1)Explain Faraday-Lenz and Maxwell laws to articulate the relationship between electric and magnetic fields. Describe how magnetism is produced and list examples where its effects are observed. Apply Kirchhoff's rules to analyze AC circuits consisting of parallel and/or series combinations of voltage sources and resistors and to describe the graphical relationship of resistance, capacitor and inductor. Apply various network theorems such as Superposition, Thevenin, Norton, Reciprocity, •Maximum Power Transfer, etc. and their applications in electronics, electrical circuit analysis, and electrical machines.	Understand the basic concepts, theories and principles of various branches of Physics and realize the contributions of great physicists Acquire skills to read, understand and interpret physical information – verbal, mathematical and graphical. Obtain solutions to physical questions by use of qualitative and quantitative reasoning and by experimental investigation
Open elective	Physics for all	OE1-PHY1	Recall Fundamental and derived quantities, Units and dimensions Distinguish between Fundamental phenomenon of light such as reflection, refraction, diffraction, interference and scattering	Students are prepared to take up exams at reputed institutes as technical experts that make them apt to work in research environment.



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UNDER GRADUATE DEPARTMENT – CHEMISTRY

2018-2021

Programme Name	Programme Outcomes	Programme Specific outcomes
B.Sc.	1.B.Sc. programme has been designed in such a way that students can equip themselves to take up a career in the fields of education /teaching, research, industries, civil services, banking sector etc. 2.The programme also empowers the graduates to appear for various competitive examinations or to choose the postgraduate programme of their choice 3. Students after the completion of BSc programme in chemistry will develop understanding of the major concepts and principles in chemistry 4.Student will develop higher level of knowledge in chemistry they are able to prepare compounds, able to analyse the compound qualitatively and quantitatively."	PCM 1.Chemistry along with Physics and Mathematics is a classic combination for the students who aspire for research, civil services like IAS, KAS and Army. They can also work in Pharmaceutical Industries, Cement Industries, Petroleum Refineries, Fertilizer Companies etc. 2. Students are able to prepare chemical compounds which are basic materials for thesis of drugs. 3.Students will be capable of analysing the chemical compounds quantitatively and qualitatively.




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COURSE OUTCOME

Semester	Subject code	Title of the Paper	Outcomes
I SEM B.Sc.	1SCHE1T	GENERAL CHEMISTRY I	1. Learn the concept of chemical analysis, accuracy, precision and statistical data treatment. 2. Prepare the solutions after calculating the required quantity of salts in preparing the reagents and solutions. 3. Understand the concepts of organic reactions and techniques of writing the movements of electrons, bond breaking and bond forming. 4. Learn the concept of aromaticity, resonance and hyperconjugation. 5. Understand the preparation of alkenes, alkynes and electrophilic reaction. 6. Understand the laws of crystallography, structure of solids, defects and their applications.
II SEM B.Sc.	2SCHE2T	GENERAL CHEMISTRY II	1. Learn the theory of atoms, concept of wave function, fundamentals of quantum mechanics and concepts of operators. 2. Understand the physical and chemical characteristics of elements. Understand the mechanism of nucleophilic and electrophilic reaction. Identify the given element, relative size, charges of proton, neutron and electron and their assembly to form different atom.
III SEM B.Sc.	3SCHE3T	GENERAL CHEMISTRY III	1. Understand the preparation of fertilizers and types, uses. 2. Discuss in detail alcohols, phenols and epoxides. 3. classify the polymers and explain the mechanism of polymerisation. Differentiate thermosetting and thermos softening polymer. 4. Explain the laws governing the behaviour of gases. 5. Understand the preparation of fertilizers and types, uses.
IV SEM B.Sc.	4SCHE4T	GENERAL CHEMISTRY IV	1. Explain the term in phase rule and interpret the phase diagram in unary and binary system. 2. Learn the concept of adsorption and factor affecting the adsorption. 3. Explain the term in phase rule and interpret the phase diagram in unary and binary system 4. Recall the IUPAC nomenclature. Detailed discussion of aldehydes and ketones 5. Predict the mechanism and compare the reactivity of different carboxylic acids and their derivatives 6. Explanation of radio activity, its measurement, major component of nuclear reactor and applications.



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Semester	Subject code	Title of the Paper	Outcomes
V SEM B.Sc.	5SCHE5T	ORGANIC CHEMISTRY V	1. Outline the various reaction mechanism of heterocyclic compound. 2. understand and compare the principle and theory of various spectroscopic technique. 3. understand the importance of stereochemistry in organic chemistry and apply the knowledge gained in this course to a variety of a chemical problem 4. Illustrate different methods for synthesis 5- and 6-membered heterocyclic compounds.
V SEM B.Sc.	5SCHE6T	PHYSICAL CHEMISTRY VI	1. Illustrate the effects of absorption of light by matter. Applications of photochemical process in different fields. 2. Understands the concepts of electrodes, types of electrochemical cell and corrosion and its types. 3. Evaluate the basic theory and instrumentation of microwave, IR and UV spectroscopy as a qualitative and quantitative analysis. Relate and examine the theories and concepts of electrometry.
VI SEM B.Sc.	6SCHE7T	INORGANIC CHEMISTRY VII	1. Explains the various industrial materials and their applications. 2. Understand the coordination compounds and their formation. 3. Outline the types of catalysis and applications of certain well known and industrially important reaction-specific catalyst used globally 4. Explore the dynamic world of nanomaterials interpret their unique properties and their applications in various field.




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CO – COURSE OUTCOME

2021-2022

UNDER GRADUATE DEPARTMENT – CHEMISTRY

DEPARTMENT OF CHEMISTRY			
Sem	Subject Code	Paper Title	Course Outcome
I SEM BSc	BS1- CHECT1	DSC-1: Analytical and Organic Chemistry-I	1. Learn the concepts of chemical analysis, accuracy, precision and statistical data treatment
			2. Prepare the solutions after calculating the required quantity of salts in preparing the reagents/solutions and dilution of stock solution.
			3. Know the concept of volumetric and gravimetric analysis and deducing the conversion factor for determination
			4. Handle toxic chemicals, concentrated acids and organic solvents and practice safety procedure
			5. Understand the concepts of Organic reactions and techniques of writing the movement of electrons, bond breaking, bond forming
			6. Learn the Concept of aromaticity, resonance, hyper conjugation, etc
			7. Understand the preparation of alkanes, alkenes and alkynes, their reactions, etc.
			8. Understand the mechanism of nucleophilic, electrophilic reactions
II SEM BSc	BS2- CHECT2	DSC-2: Inorganic and Physical Chemistry-I	1. Learn scientific theory of atoms, concept of wave functions, the fundamentals of quantum mechanics and concept of operators
			2. Understand the physical and chemical characteristics of elements
			3. Identify the given element, relative size, charges of proton, neutron and electron and their assembly to form different atom
			4. Learn the theory of dilute solutions, distribution law and its applications
			5. Properties of liquid as solvent for various household and commercial use
			6. Explain the laws governing the behaviour of ideal gases and real gases including their comparison
			7. Understand the laws of crystallography, X-ray diffraction techniques, Bragg's law and its applications
			8. Solve the problems related to quantum mechanics, different molecular velocities, critical constants and molar mass of non-volatile solutes



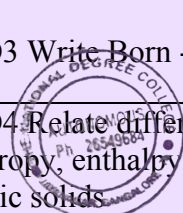

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CO – COURSE OUTCOME

2022-2023

UNDER GRADUATE DEPARTMENT – CHEMISTRY

DEPARTMENT OF CHEMISTRY			
Sem	Subject Code	Paper Title	Course Outcome
III SEMESTER	BS3- CHECT3	DSC-3: Analytical and Organic Chemistry-II	CO1 Interrelationship among frequency, wavelength and wave number and importance of validation parameters of an instrumental method will be taught
			CO2 Principle, instrumentation and applications of spectrophotometry, nephelometry and turbidometry will be taught
			CO3 Fundamentals of separation methods and principles of paper, thin layer and column chromatography will be taught
			CO4 Principle, types and applications of solvent extraction will be taught
			CO5 Principle and mechanism of ion-exchange, types of resins and domestic and industrial applications of ion-exchange chromatography will be taught
			CO6 The concept of mechanism and its importance will be taught to the student
			CO7 Concept and importance of intermediates in organic chemistry will be taught taking proper examples
			CO8 The various techniques for identification of reaction mechanism will be taught to the student taking proper examples
			CO9 Concept of stereochemistry and its importance will be taught.
			CO10 The various projection formulae and the techniques of designating the molecules into R, S, D, L will be taught taking proper examples
			CO 11 The theory and concept of Cis-, Trans- isomerism and its importance and the techniques to differentiate between them will be taught taking examples
IV SEMESTER	BS4- CHECT4	DSC-4: Inorganic and Physical Chemistry-II	CO 1 Predict the nature of the bond formed between different elements
			CO2 Identify the possible type of arrangements of ions in ionic compounds
			CO3 Write Born - Haber cycle for different ionic compounds
			CO4 Relate different energy parameters like, lattice energy, entropy, enthalpy and solvation energy in the dissolution of ionic solids



			CO5 Explain covalent nature in ionic compounds
			CO6 Write the M.O. energy diagrams for simple molecules
			CO7 Differentiate bonding in metals from their compounds
			CO8 Learn important laws of thermodynamics and their applications to various thermodynamic systems
			CO9 Understand adsorption processes and their mechanisms and the function and purpose of a catalyst
			CO10 Apply adsorption as a versatile method for waste water purification.
			CO11 Understand the concept of rate of a chemical reaction, integrated rate equations, energy of activation and determination of order of a reaction based on experimental data
			CO12 Know different types of electrolytes, usefulness of conductance and ionic mobility measurements
			CO13 Determine the transport numbers



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**PO, PSO – PROGRAM OUTCOMES, PROGRAM SPECIFIC OUTCOMES
2021-2022**

UNDERGRADUATE PROGRAM – CHEMISTRY

			DEPARTMENT OF CHEMISTRY	
Programme Name	Program Code	Sub Code	Programme outcomes	Programme Specific outcomes
BSC-PHYSICS AND CHEMISTRY COMBINATIO N	UNSPC	BS1-CHECT1 BS2-CHECT2	1. Understand the basic principles of various branches of Chemistry 2. Demonstrate a range of practical skills to conduct and infer experiments independently and in groups 3. Apply the key concepts and standard methodologies to solve problems related to Chemistry 4. Apply methodologies to the solution of unfamiliar 5. Exhibit skills leading to employability in Chemistry and allied industries types of problems 6. Comprehend the fundamental aspects of research in Chemistry 7. Possess the level of proficiency in subject required for post graduation as well as for pursuing research in Chemistry and related interdisciplinary subjects 8. Design solutions stemming from the application of Chemistry to the local issues	1.This combination of science is important because it is the study of basic sciences. Pure sciences are stepping- stone on which technology and applied sciences develop. They are a major thrust for research because of which technology will improve. Chemistry will emphasize basic organic concepts on classification, nomenclature and reaction mechanism. 2.Students will be capable of analysing the chemical compounds quantitatively and qualitatively. 3.The students will grasp the mechanism of different types of reactions both organic and inorganic. 4.Students will learn to synthesis the chemical compound by maneuvering the addition of reagents under optimum reaction conditions.




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**PO, PSO – PROGRAM OUTCOMES, PROGRAM SPECIFIC OUTCOMES
2022-2023**

UNDERGRADUATE PROGRAM – CHEMISTRY

DEPARTMENT OF CHEMISTRY			
Programme Name	Programme Code	Programme Outcome	Programme Specific Outcome
BSc-PC	UNSPC	PO. 1 - Knowledge - Understand the basic principles of various branches of chemistry. Possess the level of proficiency in subject required for postgraduation as well as for	PSO 1 The objective of Mathematics and physics combination is to cater to the demands of the student community to study such combination that enable them to have diverse career opportunities. PSO 2 Mathematics subject is combined with Physics has been a popular option among the students. PSO 3 The objective of combining Mathematics with Physics is to enhance career opportunities for students who are aspirants of PG/Research.




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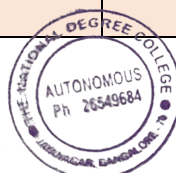
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UNDER GRADUATE DEPARTMENT - ELECTRONICS

2018-2021

Programme Name	Programme Outcome	Programme Specific outcome	
B.Sc	The following program outcomes have been identified for B.Sc Electronic Science 1.Ability to apply knowledge of mathematics & science in solving electronics related problems. 2.Ability to design and conduct electronics experiments, as well as to analyse and interpret data 3.Ability to design and manage electronic systems or processes that conforms to a given specification within ethical and economic constraints. 4.Ability to identify, formulate, solve and analyse the problems in various disciplines of electronics. 5.Ability to function as a member of a multidisciplinary team with sense of ethics, integrity and social responsibility. 6.Ability to communicate effectively in term of oral and written communication skills PLO7 Recognize the need for, and be able to engage in lifelong learning. PLO8 Ability to use techniques, skills and modern technological/scientific/engineering software/tools for professional practices	PME	PSO1. Demonstrate the problem-solving skills in mathematical and physical sciences. PSO2.Express proficiency in oral and written communications to appreciate innovation in research. PSO3.Use software effectively for mathematical modelling. PSO4. Understand the impact of Electronics in societal and industry contexts. PSO5.Develop industry focused skills to lead a successful career.
		EMCs	PSO 1: Acquire a strong conceptual foundation in the area of Computer Science PSO 2: Apply theoretical concepts to design and develop programs. PSO 3: To develop industry focused skills to lead a successful career PSO 4: To provide a comprehensive understanding of hardware components and its applications



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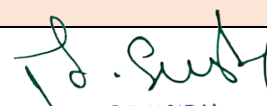
Semester	Subject code	Title of the Paper	Outcomes
I SEM	1SELE1T	BASIC ELECTRONICS	1.Analyse simple circuits made up of linear lumped elements, resistors, capacitors and inductors 2.Analyse circuits made up of junction diode and BJT 3.Determine the frequency response of circuits containing resistors, capacitors and inductors. 4.Design and construct simple amplifiers in the laboratory. 5.Determine in the laboratory the frequency domain behaviour of an RLC circuit.
II SEM	2SELE2T	DIGITAL ELECTRONICS	1.To have a thorough understanding of the fundamental concepts and techniques used in digital electronics. 2.To understand and examine the structure of various number systems and its application in digital design. 3.To understand, analyze and design various combinational and sequential circuits. 4.To identify basic requirements for a design application and propose a cost-effective solution. 5.To develop skills to build, and troubleshoot digital circuits




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III SEM	3SELE3T	OA AND SSD	1.To understand and analyse the applications 2.To understand basic concepts of feedback in amplifiers. 3.To understand the working of various types of oscillator circuits 4.To develop skills to build, and troubleshoot op-amp and oscillator circuits. 5.To understand the working of various types of Special semiconductor devices and their circuits.
Semester	Subject code	Title of the Paper	Outcomes
IV SEM	4SELE4T	8085 MICROPROCESSOR AND ELECTRONIC INSTRUMENTATION	1.To understand the general architecture of microprocessors 2.To program 8085 microprocessors. 3.To understand basics of electronic measuring instruments. 4.To understand the working of various types Bio-medical electronic instruments.
V SEM	5SELE5T	MICROCONTROLLERS AND PROGRAMMING	1. Of the general architecture of microcontrollers 2. To program 8051 microcontrollers. 3. To understand basics of interfacing of 8051.
	5SELE6T	ANALOG COMMUNICATION	1. Basic concepts of electronic communication 2. Various types of analogue electronic communication systems.
	6SELE7T	VERILOG HDL AND VLSI	1. Basics Verilog HDL 2. Basics of VLSI.




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VI SEM	6SELE8T	ADVANCED COMMUNICATION	1.Basic concepts of Advanced Electronic Communication. 2.Various types of Advanced Electronic Communication Systems.
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CO – COURSE OUTCOME: 2021-2022**UNDERGRADUATE – DEPARTMENT ELECTRONICS**

DEPARTMENT OF ELECTRONICS			
Sem	Subject Code	Paper Title	Course Outcome
I	BS1-ELETCT1	ELECTRONIC DEVICES AND CIRCUITS	CO1: Understand and Analyze DC and AC circuits
			CO2: Understand and study the behaviour and I-V characteristics of Semiconductor Diodes and Transistor.
			CO3: Applying the standard device models to explain/calculate critical internal parameters of semiconductor devices.
			CO4: Understand the working of basic diode circuits and their applications.
			CO5: Understand the working of transistor amplifiers
			CO 6: Understand various number systems and their arithmetic operations.
			CO 7: Understand the working of basic logic gates, concepts of Boolean algebra
II	BS2-ELETCT2	ANALOG AND DIGITAL ELECTRONICS	CO1. Understand and study the behaviour of the semiconductor devices ie., I-V characteristics of various MOSFET devices the knowledge can be extended for understanding the behaviour /characteristics/ response of unknown / novel devices.
			CO2. Applying the standard device models to explain/calculate critical internal parameters of semiconductor devices.
			CO3 Understanding and characterizing the behaviour of known/unknown/novel power electronic devices such as UJT, SCR, Diac, Triac etc.
			CO4. Acquainting and familiarization of the experimental skills to determine the behaviour of semiconductor devices.
			CO5. Capable of analyzing the device characteristics and responses.
			CO6. Understanding the working of basic logic gates, concepts of Boolean algebra and techniques to reduce/simplify Boolean expressions and their applications.
			CO7. Synthesizing and Analyzing combinatorial and sequential circuits and their applications in electronics.



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CO – COURSE OUTCOME: 2022-2023**UNDERGRADUATE – DEPARTMENT ELECTRONICS****DEPARTMENT OF ELECTRONICS**

Sem	Subject Code	Paper Title	Course Outcome
III SEMESTER	3BSELET3	Programming in C and Digital Design Using Verilog	CO1. Design and analyze algorithms for solving simple problems.
			CO2 Know the Basics of C Programming Language
			CO3 Write and execute and debug C codes for solving problems
			CO4. Apply the acquired knowledge of digital circuits in different levels of modeling using Verilog HDL
			CO5. Design and verify the functionality of digital circuit/system using test benches
			CO6. Develop the programs more effectively using directives, Verilog tasks and constructs
IV SEMESTER	4BSELET4	Communication-I	CO1. Know the basic concept of Analog Communication, means and medium of communication.
			CO2. Understand the principle of Analog and digital modulation.
			CO3. Familiar with “AM” and “FM” techniques.
			CO4. Understand the basic concept of Pulse Modulation, Carrier Modulation for digital transmission and able to construct simple pulse modulation.
			CO5. Understand the basic concept of Satellite Communication.
			CO6. Understand the basic concept of Optical Fibre Communication



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PO, PSO – PROGRAM OUTCOMES, PROGRAM SPECIFIC OUTCOMES

2021-2022

UNDERGRADUATE PROGRAM – ELECTRONICS

DEPARTMENT OF ELECTRONICS

Programme Name	Program Code	Sub Code	Programme outcomes	Programme Specific outcomes
B.Sc - PE/ CsE	UNSCE	BS1-ELETCT1 BS2-ELETCT2	The following program outcomes have been identified for B.Sc Electronic Science 1 Ability to apply knowledge of mathematics & science in solving electronics related problems. 2 Ability to design and conduct electronics experiments, as well as to analyze and interpret data. 3 Ability to design and manage electronic systems or processes that conforms to a given specification within ethical and economic constraints. 4 Ability to identify, formulate, solve and analyze the problems in various disciplines of electronics. 5 Ability to function as a member of a multidisciplinary team with sense of ethics, integrity and social responsibility. 6 Ability to communicate effectively in term of oral and written communication skills PLO7 Recognize the need for, and be able to engage in lifelong learning. PLO8 Ability to use techniques, skills and modern technological/scientific/engineering software/tools for professional practices	EC's - PSO 1: Acquire a strong conceptual foundation in the area of Computer Science PSO 2: Apply theoretical concepts to design and develop programs. PSO 3: To develop industry-focused skills to lead a successful career PSO 4: To provide a comprehensive understanding of hardware components and its applications



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PO, PSO – PROGRAM OUTCOMES, PROGRAM SPECIFIC OUTCOMES

2022-2023

UNDERGRADUATE PROGRAM – ELECTRONICS

DEPARTMENT OF ELECTRONICS

Programme Name	Programme Code	Programme Outcome	Programme Specific Outcome
B.Sc - PME, EMCs, Ecs	UNSPE	The following program outcomes have been identified for B.Sc Electronic Science 1 Ability to apply knowledge of mathematics & science in solving electronics related problems. 2 Ability to design and conduct electronics experiments, as well as to analyze and interpret data. 3 Ability to design and manage electronic systems or processes that conforms to a given specification within ethical and economic constraints. 4 Ability to identify, formulate, solve and analyze the problems in various disciplines of electronics. 5 Ability to function as a member of a multidisciplinary team with sense of ethics, integrity and social responsibility. 6 Ability to communicate effectively in term of oral and written communication skills PLO7 Recognize the need for, and be able to engage in lifelong learning. PLO8 Ability to use techniques, skills and modern technological/scientific/engineering software/tools for professional practices	PSO1. Demonstrate the problem solving skills in mathematical and physical sciences. PSO2. Express proficiency in oral and written communications to appreciate innovation in research. PSO3. Use software effectively for mathematical modelling. PSO4. Understand the impact of Electronics in societal and Industry contexts. PSO5. Develop industry-focused skills to lead a successful career.



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AUTONOMOUS

NAAC ACCREDITED – 'A' GRADE

36th B Cross, 2nd Main, 7th Block Jayanagar, Bangalore – 560 070

Phone: 080-26549684, 26656644. Website: www.ncjayanagar.com

Email: ncjblore@yahoo.com

UNDER GRADUATE DEPARTMENT - COMPUTER SCIENCE

2018-2021

Programme Name	Programme Outcomes	Programme Specific Outcomes
BCA	PO1: To work effectively both as an individual and a team leader on multi-disciplinary projects. PO2: Inculcates the ability to analyse, identify, formulate and develop computer applications using modern computing tools and techniques. PO3: prepares to create design innovative methodologies for solving complex-real life problems for the betterment of the society. PO4: To integrate ethics and values in designing computer application.	PSO1: BCA graduates who will have a successful professional career in software industry, government, academia, research, and other areas where computer applications are deployed. PSO2: BCA graduates can become a software entrepreneur. PSO3: To prepare broadly educated, ethical and responsible citizens.
BCA Data Science (DS)	PO1: Develop in-depth understanding of key technologies in Data Science and business analytics, data mining, machine learning, visualization techniques and statistics. PO2: Practical problem analysis and decision making. PO3: Gain practical hands on experience with statistics, programming language and big data tools through coursework. PO4: To empower students with tools and techniques for handling, managing analysis and interpreting data	PSO1: Students shall be exposed to managing large data by learning fundamental theory in Mathematics, Statistics and Database management. PSO2: Students will also get hands on experience in using tools like Excel and Tableau to apply the theoretical fundamentals of statistics in practical applications. PSO3: Students learn analysis and design of algorithms, understanding and using unstructured data, extraction and usage of large datasets. They shall learn the prediction methods through fundamentals of machine learning. PSO4: On teaching students to apply the skills learn in the first 4 semesters in practical application through building r applications using machine learning.



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Programme Name	Programme Outcome	Programme Specific Outcome
BCA Internet of Things (IoT)	PO1: This program aims to train students to be equipped with a theoretical foundation systematic professional knowledge and strong practical skills in the field of communication network and IT that provides wide range of applications in IoT. PO2: To Teach Technical skills, enhance non-technical skills that are tapped-up with orientation by industry expert that significantly improving industry Readiness Quotient. PO3: To Teach Analysis of IoT data, including Statistical interface. PO4: To Provide Strong fundamentals of embedded electronics, Communication System and Protocols for IoT Communication.	PSO1: Students will get hands on experience in handling microcontrollers and acquire programming skills in C and Verilog. They shall also be exposed to managing large data by learning fundamental theory in Mathematics, Statistics and Database Management. PSO2: Students shall use tools like RTOS to understand the theory in the laboratory, build projects with ARM controller to learn how to create products for the Automobile industry using embedded electronics and also learn programming Python. PSO3: Students shall be taught state of the art subjects like Mobile communication Systems and software defined networks for IoT.
B.Sc Computer Science (PMCs)	PO1: An ability to apply knowledge of computing and mathematics appropriate to the discipline. PO2: An ability to identify, formulate, and develop solutions to computational challenges. PO3: An ability to design, implement, and evaluate a computational system to meet desired needs within realistic constraints. PO4: An ability to function effectively on teams to accomplish shared computing design, evaluation, or implementation goals. PO5: An understanding of professional, ethical, legal, security, and social issues and responsibilities for the computing profession. PO6: Recognition of the need for and ability to engage in continuing professional development. PO7: An ability to use appropriate techniques, skills, and tools necessary for computing practice. PO8: An ability to apply mathematical foundations, algorithmic principles, and computer science theory in the modelling and design of computational systems in a way that demonstrates comprehension of the trade-offs involved in design choices. PO9: An ability to apply design and development principles in the construction of software systems of varying complexity.	PSO1. Demonstrate mastery of Computer Science in the following core knowledge areas Programming Languages, Databases, Software Engineering and Development PSO2. Apply problem-solving skills and the knowledge of computer science to solve real world problems. PSO3. Develop technical project reports



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Programme Name	Programme Outcome	Programme Specific Outcome
B.Sc Bio Medical Electronics (BME)	PO1: An ability to apply knowledge of mathematics, science and compute fundamentals for appropriate solutions to Medical Electronics. PO2: An ability to identify, analyze a problem, and formulate the computing Requirements appropriate to its solution. PO3: An ability to design, implement and evaluate an electronic/computer-Based system, process to meet desired needs in healthcare. PO4: An ability to design experiments, as well as to analyze and Interpret Medical data. PO5: An ability to use current techniques and modern tools necessary for computing practice leading to improvised health care. PO6: An ability to understand health and safety issues through Medical Electronics concepts. PO7: An ability to understand environmental considerations and sustainable Solutions in Medical Electronics. PO8: An ability to understand professional ethics and legal issues related to healthcare technologies. PO9: An ability to function effectively as an individual and a member in diverse team. PO10: An ability to communicate effectively with a range of Audiences PO11: An ability to understand management principles and apply these to manage projects and finance. PO12: An ability to engage in continuing professional development for Lifelong learning	PSO1: Graduates of Medical Electronics will build career in healthcare and allied fields. PSO2: Graduates will adapt to the state of art technologies through lifelong learning, will effectively communicate and work a team. PSO3: Graduates will pursue higher studies and research.

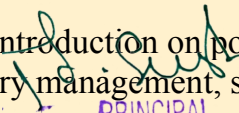



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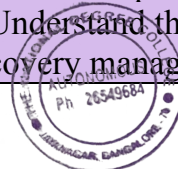
COURSE OUTCOME

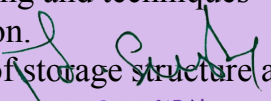
Name	Subject Code	Title of the paper	Outcomes
I SEM BCA	1BCPRGT	C PROGRAMMING	1. Create algorithms to solve simple programming problems. 2. Describe and employ strategies that are useful in debugging. 3. Design, implement, test and debug programs that use calculations, selections and other control operations.
	1BCORGT	COMPUTER ORGANIZATION	1. This course is intended to teach the basics involved in data representation and digital logic circuits used in the computer systems. 2. This includes in general concept in digital logic design, including logic elements and their using combinational and sequential logic circuit design. 3. This course will also expose students to the basic architecture of processing, memory and I/O Organization in a computer system.
	1BIWTGT	INTRODUCTION TO WEB TECHNOLOGY	1. Introduction to Internet 2. Implement interactive web page(s) using HTML and CSS 3. Design a responsive web site using HTML4 and CSS3. 4. Demonstrate Rich Internet Application.
	1BCPRGP	C PROGRAMMING - LAB	1. To introduce students to the basic knowledge of programming fundamentals of C language. 2. To impart writing skill of C programming to the students and solving problems. 3. To impart the concepts like looping, array, functions, pointers, file, structure.
	1BIWTGP	WEB TECHNOLOGY - LAB	To Implement HTML basic tags and develop web pages
II SEM BCA	2BDASTT	DATA STRUCTURES	1. Select appropriate data structures as applied to specified problem definition. 2. Implement operations like searching, insertion, and deletion, traversing 3. Students will be able to implement Linear and Non-Linear data structures. 4. Implement appropriate sorting/searching technique for given problem. 5. Design advance data structure using Nonlinear data structure.
	2BOPSYT	OPERATING SYSTEMS	1. To Understand of Basic computer operating System, interaction among the various components 2. Student will learn the concept of file management system 3. The Course will cover the introduction on policies for scheduling, dead lock, memory management, security




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Name	Subject Code	Title of the paper	Outcomes
II SEM BCA	2BJAVAT	JAVA	1. Able to understand the use of OOPs concepts. Able to solve real world problems using OOP techniques. 2. Able to understand the use of abstraction. Able to understand the use of Packages and Interface in java. Able to develop and understand exception handling, multithreaded applications with synchronization. 3. Able to understand the use of. Able to design GUI based applications and develop applets and AWT classes.
	2BDASTP	DATA STRUCTURES - LAB	1. Understand the concept of Dynamic memory management, data types. 2. Understand basic data structures such as arrays, linked lists, stacks and queues. 3. Solve problem involving graphs, trees. 4. Apply Algorithm for solving problems like sorting, searching, insertion and deletion of data
	2BJAVAP	JAVA - LAB	1. Implement Object Oriented programming concept using basic syntaxes of control Structures, strings and function for developing skills of logic building activity. 2. Identify classes, objects, members of a class and the relationships among them needed for a finding the solution to specific problem 3. Demonstrates how to achieve reusability using inheritance, interfaces and packages 4. Demonstrate understanding and use of different exception handling mechanisms and concept of multithreading for robust faster and efficient application development.
III SEM BCA	3BDBMST	DBMS	1. Understand database concepts and structures and query language 2. Understand the E R model and relational model. 3. To design and build a simple database system and demonstrate competence with the fundamental tasks involved with modelling, designing, and implementing a DBMS. 4. Understand Functional Dependency and Functional Decomposition. 5. Apply various Normalization techniques. 6. Perform PL/SQL programming using concept of Cursor Management, Error Handling, Package and Triggers. 7. Execute various advance SQL queries related to Transaction Processing & Locking using concept of Concurrency control. 8. Understand query processing and techniques involved in query optimization. 9. Understand the principles of storage structure and recovery management.




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Name	Subject Code	Title of the paper	Outcomes
III SEM BCA	3BSWEGT	SOFTWARE ENGINEERING	1.To understand and apply the software engineering life cycle by demonstrating competence in communication, planning, analysis, design, construction and deployment. 2. Ability to work in one or more significant application domains. 3. To be able to work as individual and as a part of multi-disiplinary team to develop and deliver quality software.
	3BBSalt	BUSINESS ANALYTICS	1. Identify and describe complex business problem in terms of analytical models. 2. Translate results of analytic projects into effective courses of action 3.Demonstrate ethical decision making in structure or unstructured and ambiguous situation.
	3BPYTHT	PYTHON	1.Experienced coders tend to stay more organized and productive when working with Python, as well.
	3BDBMSP	DBMS – LAB	1. Understand database concepts and structures and query language 2.To design and build a simple database system and demonstrate competence with the fundamental tasks involved with modelling, designing, and implementing a DBMS. 3. Apply various Normalization techniques 4.Perform PL/SQL programming using concept of Cursor Management, Error Handling, Package and Triggers 5.Execute various advance SQL queries related to Transaction Processing & Locking using concept of Concurrency control.
	3BSWEGT	SOFTWARE ENGINEERING	1.To understand and apply the software engineering life cycle by demonstrating competence in communication, planning, analysis, design, construction and deployment. 2. Ability to work in one or more significant application domains. 3.To be able to work as individual and as a part of multi disiplinary team to develop and deliver quality software.
	3BBSalt	BUSINESS ANALYTICS	1. Identify and describe complex business problem in terms of analytical models. 2. Translate results of analytic projects into effective courses of action 3.Demonstrate ethical decision making in structure or unstructured and ambiguous situation.



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Name	Subject Code	Title of the paper	Outcomes
III SEM BCA	3BPYTHT	PYTHON	1. Experienced coders tend to stay more organized and productive when working with Python, as well.
	3BDBMSP	DBMS – LAB	1. Understand database concepts and structures and query language 2. To design and build a simple database system and demonstrate competence with the fundamental tasks involved with modeling, designing, and implementing a DBMS. 3. Apply various Normalization techniques 4. Perform PL/SQL programming using concept of Cursor Management, Error Handling, Package and Triggers 5. Execute various advance SQL queries related to Transaction Processing & Locking using concept of Concurrency control.
	3BPYTHP	PYTHON - LAB	1. Problem solving and programming capability
IV SEM BCA	4BCNETT	C#.NET	1. To successfully understand and implement console, Web based, Windows based C# Programs using .NET frame works 2. To demonstrate knowledge of object oriented concepts, design user experience and functional requirements using .NET applications 3. Identify and resolve problems (debug, trouble shoot) in C# windows application/ Web based
	4BUNIXT	UNIX	1. Discuss the architecture, networking and basic commands of UNIX. 2. Implement various file processing commands used in UNIX. 3. Apply Regular expression to perform pattern matching using utilities like grep, sed and awk. 4. Construct various shell scripts for simple applications. 5. Explain the process management using system calls UNIX environment.




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Name	Subject Code	Title of the paper	Outcomes
IV SEM BCA	4BSWTET	SOFTWARE TESTING	1.Types of errors and fault models 2.Methods of test generation from requirements 3.Combinatorial test generation 4.The use of various test tools
	4BCNETP	C#.NET – LAB	1.To successfully be able to demonstrate the C# control, Windows application and Web applications and MVC.
	4BUNIXP	UNIX – LAB	1. To demonstrate the basic knowledge of Linux commands and file handling utilities by using Linux shell environment. 2. To evaluate the concept of shell scripting programs by using an AWK and SED commands. 3. To create the directory, how to change and remove the directory. 4. To analyze the process of how the parent and child relationships 5. To define IPC mechanism.
	4BPROJP	PROJECT LAB	1. Students should be able to design and construct a hardware and software system, component, or process to meet desired needs. 2. Students are provided to work on multidisciplinary Problems. 3. Students should be able to work as professionals, with portfolio ranging from data management, network configuration, database and software design to management and administration of entire systems
V SEM BCA	5BARIGT	ARTIFICIAL INTELLIGENCE	1. To introduce basic theory and practical techniques in artificial intelligence. 2. The course would provide emphasis to the principles and applications of Artificial Intelligence
	5BWEBPT	WEB PROGRAMMING	3.Student will be able to create web pages using HTML, Java Script, CSS, PHP



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Name	Subject Code	Title of the paper	Outcomes
V SEM BCA	5BOOADT	OOAD	1.To understand the object-based view of systems, ability to analyse and model software specifications 2.and to inculcate necessary skills to handle complexity in software design
	5BADAGT	ADA	1.Student will be able calculate time complexity and space complexity 2.Students will be able to select appropriate design technique to solve real world problems 3.Students will be able to apply program technique to solve the problems
	5BCNETT	COMPUTER NETWORK	1.Architecture, TCP/IP and OSI reference models. 2.Identify and understand various techniques and modes of transmission 3.Describe data link protocols, multi-channel access protocols 4.Describe routing and congestion in network layer with routing algorithms and classify IPV4 addressing scheme 5.Discuss the elements and protocols of transport layer 6.Understand network security and define various protocols such as FTP, HTTP, DNS
	5BWEBPP	WEB PROGRAMMING - LAB	1.Student will be able build dynamic web pages using HTML, Java Script, CSS, PHP
	5BADAGP	ADA - LAB	1.Ability to write programs to solve problems using algorithm design techniques, such as divide and conquer, greedy method and dynamic programming 2.Analyse the perform of various sorting technique using divide and conquer
	5BPROGP	PROJECT LAB	1.Students should be able to design and construct a hardware and software system, component, or process to meet desired needs. 2. Students are provided to work on multidisciplinary Problems. 3.Students should be able to work as professionals, with portfolio ranging from data management, network configuration, database and software design to management and administration of entire systems



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Name	Subject Code	Title of the paper	Outcomes
VI SEM BCA	6BCMSYT	CONTENT MANAGEMENT SYSTEM	1.To explore new methodology of developing website using WordPress and Drupal
	6BJ2EET	J2EE	1.The objective of this subject to provide necessary knowledge to design and develop dynamic, database driven application using J2EE 2.The students will be able to develop a small project independently 3.Students will learn how to connect to any JDBC-compliant database 4.Students will learn the concepts of servlet, JSP and EJB Technologies
	6BDWDMT	DATA WAREHOUSE & DATA MINING	1.To Understand the Concept of Data Warehouse and enterprise intelligence in industry. 2.Learn the concept of database technology which has led to need for Data Mining and its application. 3.Examine the types of data to be mined. 4.Explore DWH and OLTP
	6BNWSCT	NETWORK SECURITY	1.Identify information security goals, classical encryption techniques and acquire fundamental knowledge on the concepts of finite fields and number theory. 2.Understand, compare and apply different encryption and decryption techniques to solve problems related to confidentiality and authentication 3.Apply the knowledge of cryptographic checksums and evaluate the performance of 4.different message digest algorithms for verifying the integrity of varying message sizes 5.Apply different digital signature algorithms to achieve authentication and create secure applications 6.Apply network security basics, analyze different attacks on networks and evaluate the performance of firewalls and security protocols like SSL, IPsec, and PGP.
	6BCLCMT	CLOUD COMPUTING	1.Students will able to learn current cloud computing technologies including technologies for different cloud services 2.Analyse the components of cloud computing showing how business agility in an organization can be created 3.Resource Management in the cloud
	6BJ2EEP	J2EE - LAB	1.Create web application using java servlet, JSP. 2.Manage sessions and cookies using servlet and JSP



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Name	Subject Code	Title of the paper	Outcomes
VI SEM BCA	6BPROJP	PROJECT LAB	1. Students should be able to design and construct a hardware and software system, component, or process to meet desired needs. 2. Students are provided to work on multidisciplinary Problems. 3. Students should be able to work as professionals, with portfolio ranging from data management, network configuration, designing hardware, database and software design to management and administration of entire systems.



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COURSE OUTCOME - BCA (Data Science)

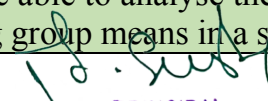
Name	Subject Code	Title of the paper	Outcomes
I SEM BCA DATA SCIENCE (DS)	1BDMATHT	MATHEMATICS-I	1. Analyze and understand big and small numbers and their different forms of representation that relate to business. Comprehend algebraic solutions to simple mathematical and business problems. 2. Solve linear and quadratic equations using multiple methods. 3. Understand information organized in row and column format (matrix), and use algebraic methods to interpret them. Elementary processed in differentiation and appreciate the need for continuous and discrete functions as needed in Business and Management
	1BDSTATT	STATISTICS-I	1. This paper will help students to have a thorough knowledge of descriptive statistics. 2. To understand measures of central tendency and use them to analyze data. 3. Students will be able to find out how spread-out data values are on number line.
	1BDCOAAT	COMPUTER ORGANIZATION & ARCHITECTURE	1. To conceptualize the basics of organizational and architectural of a digital computer. 2. Be familiar with the history and development of modern computers. Be familiar with Number System and Boolean algebra. 3. Be familiar with Combinational and logic circuits. Be familiar with organization and design of modern computer and its architecture. 4. Be familiar with I/O organization and Memory organization
	1BDCPRGT	PROGRAMMING IN C	1. To study about algorithms, flowcharts and programs. To solve problems through logical thinking. 2. To clearly understand the logic of the problem. To analyze the given problem and write the algorithm, flowchart. 3. To write structured C programs, this is the foundation of any programming language.



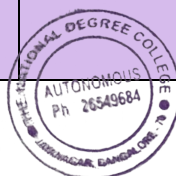
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Name	Subject Code	Title of the paper	Outcomes
II SEM BCA DATA SCIENCE (DS)	2BDMATHT	MATHEMATICS-II	1. Understand basics of integration and its application to business. 2. Appreciate multi-variable functions, see the effect of change when a single variable is changed holding the other variables constant, applications in business. 3. Student will be able to maximize beneficial values like profit, efficiency, etc. and to minimize values like expenses, effort, etc. 4. Learn the basics of optimizing a business objective subject to linear resource constraints.
	2BDSTATT	STATISTICS-II	1. This paper will help students to have a thorough knowledge of descriptive basic probability and samplings. 2. This course will help students to develop a deeper 3. Understanding of the basis underlying probability distributions and enable them to apply the knowledge and skills to real world tasks.
	2BDDASTT	DATA STRUCTURES	1. To be able to practically implement the data structures like stack, queue, array etc. To understand and implement different searching and sorting techniques.
	2BDDBMST	RDBMS- MYSQL	1. Advanced topics in database management and programming including client server application development are introduced. 2. Expands knowledge of data modeling concepts and introduces object-oriented data modeling techniques
III SEM BCA DATA SCIENCE (DS)	3BDSTATT	STATISTICAL INFERENCE	1. This paper will help students to have a thorough knowledge of descriptive basic statistics. 2. This course will help students to develop a deeper understanding of the basis underlying probability distributions and modern statistical inference and equip them with a statistical tool kit which will enable them to apply the knowledge and skills to real world tasks. 3. Students will be able to analyse the difference among group means in a sample




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Name	Subject Code	Title of the paper	Outcomes
III SEM BCA DATA SCIENCE (DS)	3BDADAGT	ANALYSIS AND DESIGN OF ALGORITHMS	1.This course aims to introduce the classic algorithms in various domains, and techniques for designing efficient algorithms.
	3BDPYTHT	PYTHON	1.The course is designed to provide Basic knowledge of Python. 2. Python programming is intended for Software development and coding in software Industry. 3. Python is a language with a simple syntax, and a powerful set of libraries. It is an interpreted language, with a rich programming environment, including a robust debugger and profiler. While it is easy for beginners to learn, it is widely used in many scientific areas for data exploration. 4. This course is an introduction to the Python programming language for students without prior programming experience
IV SEM BCA DATA SCIENCE (DS)	4BDMALNT	MACHINE LEARNING - I	1. This course will serve as a comprehensive introduction to various topics in machine learning. 2. At the end of course student be able to design and implement machine learning solutions to classification, regression and clustering problems. 3. It evaluates and interpret the results of algorithms.
	4BDDAMNT	DATA MINING	1.Interpret the contribution of data warehousing and data mining to the decision-support level of organizations. 2.Evaluate different models used for OLAP and data pre-processing. 3.Categorize and carefully differentiate between situations for applying different data-mining techniques: frequent pattern mining, association, correlation, classification, prediction, and cluster and outlier analysis. 4.Design and implement systems for data mining. 5.Evaluate the performance of different data-mining algorithms. 6.Propose data-mining solutions for different applications.



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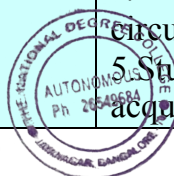
Name	Subject Code	Title of the paper	Outcomes
IV SEM BCA DATA SCIENCE (DS)	4BDWEBTT	WEB TECHNOLOGIES	1. Students should learn to develop object-oriented programs using C#. 2. Be able to develop window forms, web forms and GUI based programs. 3. Students will gain the skills and project-based experience needed for entry into web application and windows applications.



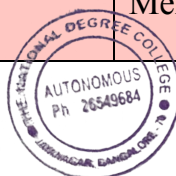

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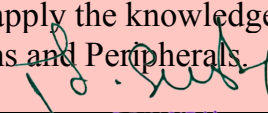
COURSE OUTCOME - BCA (IOT of Things)

Name	Subject Code	Title of the paper	Outcomes
I SEM BCA INTERNET OF THINGS (IOT)	1BICPRGT	PROGRAMMING USING C	1.Create algorithms to solve simple programming problems. 2.Describe and employ strategies that are useful in debugging. 3.Design, implement, test and debug programs that use calculations, selections and other control operations.
	1BIBELET	BASIC ELECTRONICS	1.To understand the circuits using Kirchoff's laws and Network theorems 2.Students will be able to describe and analyse the series and parallel resonant circuits 3.Describe the basic working of pn junction diode and its applications 4.The course will cover the analysis of BJT and FET circuits.
	1BIMATHT	MATHEMATICS	1.Analyze and understand big and small numbers and their different forms of representation. 2.Comprehend algebraic solutions to simple mathematical and business problems. 3.Solve linear and quadratic equations using multiple methods. 4.To Understand information organized in row and column format (matrix), and use algebraic methods to interpret them. 5.Elementary processed in differentiation and integration and appreciate the need for continuous and discrete functions.
	1BIDEVET	DIGITAL ELECTRONICS AND VERILOG	1.Simplify the Boolean functions using Boolean algebra and K-map technique. 2.Learn about basics of Verilog 3.Realize the combinational circuits. 4.Design the Combinational and Sequential logic circuits using Verilog.
II SEM BCA INTERNET OF THINGS (IOT)	2BIBELET	BASIC ELECTRONICS II	1. Analyze all type of amplifiers and feedback amplifier circuits. 2.Analyze the oscillator circuits. 3.Analyze the Power devices including SCR and UJT. 4. Analyze the Operational Amplifier circuits and study their applications 5.Study the performance of signal acquisition circuits.



Name	Subject Code	Title of the paper	Outcomes
II SEM BCA INTERNET OF THINGS (IOT)	2BIMATH	MATHEMATICS II	1. Analyze and understand Laplace and Fourier transforms. 2. Through understanding in set theory. 3. Brief introduction to complex analysis.
	2BIDASTT	DATA STRUCTURES	1. Select appropriate data structures as applied to specified problem definition. 2. Implement operations like searching, insertion, and deletion, traversing 3. Students will be able to implement Linear and Non-Linear data structures. 4. Implement appropriate sorting/searching technique for given problem. 5. Design advance data structure using Nonlinear data structure.
	2BIMUCTT	8051 MICROCONTROLLERS	1. Basics of Microprocessor and Microcontroller 2. 8051 Microcontroller architecture and Pin description 3. 8051 Addressing modes and instruction set 4. Design and develop applications using 8051 Assembly language and C program. 5. On-chip peripherals and program using Assembly language and C.
	2BIOTSYT	OPERATING SYSTEMS	1. To Understand of Basic computer operating System, interaction among the various components 2. Student will learn the concept of file management system 3. The Course will cover the introduction on policies for scheduling, dead lock, memory management, security
III SEM BCA INTERNET OF THINGS (IOT)	3BIAMUCT	ARM MICROCONTROLLER	1. To understand the Embedded concepts and Embedded system Architecture 2. To learn the architecture and programming of ARM Cortex Microcontroller 1. To select a proper Microcontroller for an application 2. To understand the usage of the development and debugging tools 3. To learn and apply the knowledge of Memory systems and Peripherals.




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Name	Subject Code	Title of the paper	Outcomes
III SEM BCA INTERNET OF THINGS (IOT)	3BICMSYT	COMMUNICATION SYSTEM	1. Explain the basics concepts of analog modulation techniques. 2. Discuss the basic concepts of digital modulation techniques. 3. Describe the basic concepts of digital data and pulse communication. 4. Explain and analyze different digital modulation techniques. 5. Describe different wireless area networks and their applications.
IV SEM BCA INTERNET OF THINGS (IOT)	4BISAADT	SENSING AND ACTUATING DEVICES	1. Understand IoT sensors and technological challenges faced by IoT devices, with a focus on wireless, energy, power, RF and sensing modules 2. Market forecast for IoT devices with a focus on sensors
	4BISTATT	STATISTICS	1. This paper will help students to have a thorough knowledge of descriptive statistics. 2. To understand measures of central tendency and use them to analyze data. 3. This paper will help students to have a thorough knowledge of descriptive basic probability and samplings.
	4BIITOTT	INTERNET OF THINGS	1. Assess the genesis and impact of IoT applications, architectures in real world. 2. Identify sensor technologies for sensing real world entities and understand the role of IoT in various domains of Industry




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COURSE OUTCOME - B.Sc. (Computer Science)

Name	Subject Code	Title of the paper	Outcomes
I SEM BSC	1SCPRGT	C PROGRAMMING	1.Create algorithms to solve simple programming problems. 2.Describe and employ strategies that are useful in debugging. 3.Design, implement, test and debug programs that use calculations, selections and other control operations.
	1SCPRGP	C PROGRAMMING - LAB	1.To introduce students to the basic knowledge of programming fundamentals of C language. 2.To impart writing skill of C programming to the students and solving problems. 3.To impart the concepts like looping, array, functions, pointers, file, structure.
II SEM BSC	2SDASTT	DATA STRUCTURES	1.Select appropriate data structures as applied to specified problem definition. 2.Implement operations like searching, insertion, and deletion, traversing 3.Students will be able to implement Linear and Non-Linear data structures. 4. Implement appropriate sorting/searching technique for given problem. 5. Design advance data structure using Nonlinear data structure.
	2SDASTP	DATA STRUCTURES - LAB	1. Understand the concept of Dynamic memory management, data types. 2. Understand basic data structures such as arrays, linked lists, stacks and queues. 3. Solve problem involving graphs, trees. 4. Apply Algorithm for solving problems like sorting, searching, insertion and deletion of data
III SEM BSC	3SJAVAT	JAVA	1.Able to understand the use of OOPs concepts. Able to solve real world problems using OOP techniques. 2. Able to understand the use of abstraction. Able to understand the use of Packages and Interface in java. Able to develop and understand exception handling, multithreaded applications with synchronization. 3. Able to understand the use of AWT to design GUI based applications and develop applets and AWT classes.

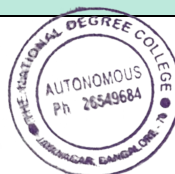


Name	Subject Code	Title of the paper	Outcomes
III SEM BSC	3SJAVAP	JAVA - LAB	1. Implement Object Oriented programming concept using basic syntaxes of control Structures, strings and function for developing skills of logic building activity. 2. Identify classes, objects, members of a class and the relationships among them needed for a finding the solution to specific problem 3. Demonstrates how to achieve reusability using inheritance, interfaces and packages 4. Demonstrate understanding and use of different exception handling mechanisms and concept of multithreading for robust faster and efficient application development.
IV SEM BSC	4SUNIXT	UNIX	1. Discuss the architecture, networking and basic commands of UNIX. 2. Implement various file processing commands used in UNIX. 3. Apply Regular expression to perform pattern matching using utilities like grep, sed and awk. 4. Construct various shell scripts for simple applications. 5. Explain the process management using system calls UNIX environment.
	4SUNIXP	UNIX – LAB	1. To demonstrate the basic knowledge of Linux commands and file handling utilities by using Linux shell environment. 2. To evaluate the concept of shell scripting programs by using an AWK and SED commands. 3. To create the directory, how to change and remove the directory. 4. To analyze the process of how the parent and child relationships 4. To define IPC mechanism.




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Name	Subject Code	Title of the paper	Outcomes
V SEM BSC	5SCOM5T	WEB PROGRAMMING	1.Student will be able to create web pages using HTML, Java Script, CSS, PHP
	5SCOM6T	DBMS	1. Understand database concepts and structures and query language 2. Understand the E R model and relational model. 3. To design and build a simple database system and demonstrate competence with the fundamental tasks involved with modeling, designing, and implementing a DBMS. 4. Understand Functional Dependency and Functional Decomposition. 5. Apply various Normalization techniques. 6. Perform PL/SQL programming using concept of Cursor Management, Error Handling, Package and Triggers. 7. Execute various advance SQL queries related to Transaction Processing & Locking using concept of Concurrency control. 8. Understand query processing and techniques involved in query optimization. 9. Understand the principles of storage structure and recovery management.
	5SCOM5P	WEB PROGRAMMING - LAB	1.Student will be able build dynamic web pages using HTML, Java Script, CSS, PHP
	5SCOM6P	DBMS – LAB	1. Understand database concepts and structures and query language 2. To design and build a simple database system and demonstrate competence with the fundamental tasks involved with modeling, designing, and implementing a DBMS. 2. Apply various Normalization techniques 3. Perform PL/SQL programming using concept of Cursor Management, Error Handling, Package and Triggers 4. Execute various advance SQL queries related to Transaction Processing & Locking using concept of Concurrency control.




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Name	Subject Code	Title of the paper	Outcomes
VI SEM BSC	6SCOM7T	COMPUTER NETWORK	1. Architecture, TCP/IP and OSI reference models. 2. Identify and understand various techniques and modes of transmission 3. Describe data link protocols, multi-channel access protocols 4. Describe routing and congestion in network layer with routing algorithms and classify IPV4 addressing scheme 5. Discuss the elements and protocols of transport layer 6. Understand network security and define various protocols such as FTP, HTTP, DNS
	6SCOM8T	PYTHON	1.Experienced coders tend to stay more organized and productive when working with Python, as well.
	6SCOM7P	PROJECT LAB	1.Students should be able to design and construct a hardware and software system, component, or process to meet desired needs. 2.Students are provided to work on multidisciplinary Problems. 3.Students should be able to work as professionals, with portfolio ranging from data management, network configuration, designing hardware, database and software design to management and administration of entire systems
	6SCOM8P	PYTHON - LAB	1.Problem solving and programming capability




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COURSE OUTCOME - B.Sc. (Bio Medical Electronics)

Name	Subject Code	Title of the paper	Outcomes
I SEM BSC BIOMEDICAL ELECTRONICS (BME)	BBME1.1	BASIC ELECTRONICS-I	Analyse circuits in relevance to Bio Medical Electronics Applications Analyse the circuits using Kirchhoff's laws and Network theorems. Analyse the Series and parallel resonant circuits. Analyse the basic working of pn junction diode and its applications Analyse the BJT and FET circuits.
	BBME1.2	MATHEMATICS-I	Analyze and understand big and small numbers and their different forms of representation. Comprehend algebraic solutions to simple mathematical and business problems. Solve linear and quadratic equations using multiple methods. Understand information organized in row and column format (matrix), and use algebraic methods to interpret them. Elementary processed in differentiation and integration and appreciate the need for continuous and discrete functions.
	BBME1.3	PROGRAMMING IN C	To study about algorithms, flowcharts and programs. To solve problems through logical thinking. To clearly understand the logic of the problem. To analyze the given problem and write the algorithm, flowchart. To write structured C programs, this is the foundation of any programming language.
	BBME1.4	DIGITAL ELECTRONICS & VERILOG	Simplify the Boolean functions using Boolean algebra and K-map technique. Learn about basics of Verilog Realize the combinational circuits. Design the Combinational and Sequential logic circuits using Verilog. Learn Bio medical Applications



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Name	Subject Code	Title of the paper	Outcomes
II SEM BSC BIOMEDICAL ELECTRONICS (BME)	BBME2.1	BASIC ELECTRONICS- 2	Analyze all type of amplifiers and feedback amplifier circuits. Analyze the oscillator circuits. Analyze the Power devices including SCR and UJT. Analyze the Operational Amplifier circuits and study their applications. Study the performance of data acquisition circuits
	BBME2.2	MATHEMATICS -II	Analyze and understand Laplace and Fourier transforms. Through understanding in set theory. Brief introduction to complex analysis.
	BBME2.3	HUMAN ANATOMY AND PHYSIOLOGY	To understand the internal environment of human body and homeostasis mechanism To provide the basic knowledge of different types of tissues. To provide the knowledge of structure and functioning of nervous system, cardiovascular system, respiratory system, digestive system and musculoskeletal system To provide the knowledge of physiological parameters of normal health and factors affecting various physiological processes in the body.
	BBME2.4	8051 MICRO CONTROLLER	Basics of Microprocessor and Microcontroller 8051 Microcontroller architecture and Pin description 8051 Addressing modes and instruction set Design and develop applications using 8051 Assembly language and C program. On-chip peripherals and program using Assembly language and C.
III SEM BSC BIOMEDICAL ELECTRONICS (BME)	BBME3.1	BIOMEDICAL SIGNAL PROCESSING	Analyze the nature of Biomedical signals and related concepts Apply filters to remove noise from biomedical signals. Apply averaging technique on biomedical signals and extract the features of EEG signals. Analyze event detection techniques for EEG and ECG signals. Apply signal compression techniques on biomedical signals. Write simple algorithms for biomedical signal processing



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Name	Subject Code	Title of the paper	Outcomes
III SEM BSC BIOMEDICAL ELECTRONICS (BME)	BBME3.2	BIOMEDICAL INSTRUMENTATION I	Define and analyze the ECG, EEG and BP signals. Discuss the factors to be considered in the measurements of respiratory and audiometric signals. Describe the principle and working of cardiac pacemakers, defibrillators and surgical devices. Describe the principle and working of therapeutic instruments like Dialysis, heart-lung, ventilator, lithotripter and incubators. Interpret the concepts involved with the measurement of man and instruments. Discuss the physiological effects from electric shocks and maintenance of medical equipment's as per standards.
	BBME3.3	BIOMEDICAL TRANSDUCERS AND MEASUREMENTS	Gain the knowledge of working principle and construction details of Biomedical Transducers. Acquire the knowledge of transducer applications to access the biological signals. Access the performance of various Biomedical Transducers.
IV SEM BSC BIOMEDICAL ELECTRONICS (BME)	BBME4.1	ANALOG AND DIGITAL COMMUNICATION SYSTEM	Explain the basics concepts of analog modulation techniques. Discuss the basic concepts of digital modulation techniques. Describe the basic concepts of digital data and pulse communication. Explain and analyze different digital modulation techniques. Describe different wireless area networks and their applications.
	BBME4.2	MEDICAL IMAGING SYSTEMS	Define the general terminology of digital image processing. Identify the need for image transforms and their types both in spatial and frequency domain. Identify different types of image degradation and apply restoration techniques. Describe image compression models and learn image compression techniques. Explain and apply various methodologies for image segmentation. Implement image processing and analysis algorithms.



Name	Subject Code	Title of the paper	Outcomes
IV SEM BSC BIOMEDICAL ELECTRONICS (BME)	BBME4.3	BIOMEDICAL INSTRUMENTATION II	Analyze and interpret the types of heart abnormalities. Describe the constructional details of equipment's used in cardiology. Explain the basic principles of ophthalmology instruments. Discuss the clinical methods and surgical procedures in ophthalmology. Use few of the ophthalmological instruments for diagnostic purpose.



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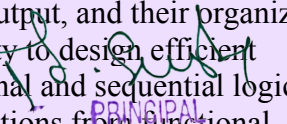
CO – COURSE OUTCOME
2021-2022

UNDER GRADUATE – DEPARTMENT COMPUTER SCIENCE

BCA REGULAR

DEPARTMENT OF COMPUTER SCIENCE			
Sem	Subject Code	Paper Title	Course Outcome
BCA(Regular)			
I	CA-C2T	Problem Solving Techniques	CO1 : Understand the fundamental concepts of computers, algorithms, flowcharts and problem solving techniques CO2: To translate the algorithms to programs and develop an ability to apply solving and logical skills to programming in C language. CO3: Apply merging, sorting, searching and text processing techniques to develop algorithms. CO4: Analyze the given problem, use appropriate array technique and write an effective report.
I	CA-C3T	Data Structures	CO1 : Use different types of data structures, operations and algorithms CO2: Use of Stack, Queue, Lists, Trees in problem solving CO3: Use of Trees, Graph in problem solving. CO4: Apply searching and sorting operations.
I	CA -C4P	Problem Solving Techniques Lab using C	Construct mathematical models using C programs. Understand the fundamentals of arrays in C programming Implement different operations on pointers, structures and unions.
I	CA -C5P	Data structures Lab Programs	Implement different sorting and searching algorithms. Implement the stack, queue and their applications Implement various types of linked lists and their applications.
II	CA-C6T	Computer Architecture	CO1 : To use math and Boolean in performing computations in various number systems CO2: Understand the basic components of a computer, including CPU, memories and input/output, and their organization. CO3: Ability to design efficient combinational and sequential logic circuit implementations from functional description of digital systems.




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II	CA-C7T	Object oriented programming using JAVA	CO1 : To understand the concepts and features of object-oriented programming CO2: Demonstrate competency in object-oriented concepts (Develop reusable programs using the concepts of inheritance, polymorphism, interfaces and packages.) CO3: Apply object-oriented concepts for real world problem (Apply the concepts of Multithreading and Exception handling to develop efficient and error free codes.) CO4: Analyze solutions using OOP's concepts for real world applications (Design event driven GUI and web related applications which mimic the real word scenarios.)
II	CA -C8T	Data base managment systems	Identify, analyze and define database objects, enforce integrity constraints on a database using RDBMS. Use Strucutred Query Language(SQL) for database Desing and build simple database systems. Develop application to interact with databases.
II	CA -C9P	Java Programming Lab	Write java Application programs using oop principles and proper program structuring. Write java programs to implement error handling techniques using exception handling. Apply event handling on AWT and swing components.
II	CA-C10P	Data base managment system Lab	Create tables with various constraints with DDL, DML Work on various aggregate functions . Work on variuos tables. Perform TCL commands.



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CO – COURSE OUTCOME
2021-2022

UNDER GRADUATE – DEPARTMENT COMPUTER SCIENCE

BCA – IOT – INTERNET OF THINGS

BCA(IOT)			
I	CA-C2T	Programming in C	CO1 : Demonstrate an understanding of computer programming language concepts. CO2: To write structured C programs, this is the foundation of any programming language. CO3: Be able to write and interpret one dimensional array expressions. CO4: To understand importance of data structures in context of writing efficient programs and to learn how to perform various FILE I/O.
I	CA-C5P	C Programming Lab	Construct mathematical models using C programs. Understand the fundamentals of arrays in C programming. Understand the concepts and implementation of functions and strings. Implement different operations on pointers, structures and unions.
II	CA-C7T	Data Structures	CO1 : To introduce the fundamental concept of data structures and to emphasize the importance of data structures in developing and implementing efficient algorithms. CO2: Describe common applications of arrays. CO3: Ability to describe stack, queue and linked list operation. CO4: Ability to have knowledge of tree and graph concepts.
II	CA-C10P	Data Structures Lab Programs	Implement different sorting and searching algorithms. Implement the stack, queue, and their applications. Implement the various types of linked lists and their applications. Perform basic operations on tree.



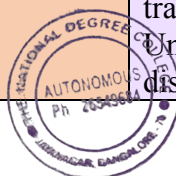

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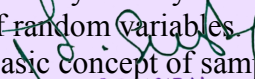
CO – COURSE OUTCOME
2021-2022

UNDER GRADUATE – DEPARTMENT COMPUTER SCIENCE

BCA – DS – DATA SCIENCE

BCA(Data Science)			
I	CA-C2T	Statistics I	Organize, manage and present data. Analytical statistical data graphically using frequency distributions and cumulative frequency distributions. Analyze statistical data using measures of central tendency, dispersion and location. To identify relationships between variables.
I	CA-C2T	Programming in C	CO1 : Demonstrate an understanding of computer programming language concepts. CO2: To write structured C programs, this is the foundation of any programming language. CO3: Be able to write and interpret one dimensional array expressions. CO4: To understand importance of data structures in context of writing efficient programs and to learn how to perform various FILE I/O.
I	CA-C4P	C Programming Lab	To study about algorithms, flowcharts and programs. To solve problems through logical thinking. Develop confidence for self-education and ability for life-long learning needed for computer language. To develop logics which will help them to create programs, applications in c.
I	CA-C5L	Statistics Lab	Install code and use R programming language in R studio IDE to perform basic tasks on vectors, matrices and data frames. Explore and understand how to use R documentation. Able to appreciate and apply the R programming from a statistical perspective. Understand the different data types in R.
II	CA-C6T	Statistics II	Use the basic probability rules including additive and multiplicative laws using the terms independent and mutually exclusive events. To expose the students to the basics of probability theory and random processes essential for their subsequent study. To derive the probability density function of the transformation of random variables. Understand the basic concept of sampling distributions .




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II	CA-C7T	Data Structures	CO1 : To use fundamental concepts of data structures and to emphasize the importance of data structures in developing and implementing efficient algorithms. Describe common applications for arrays. Ability to describe stack, queue and linked list operation. Ability to summarize searching and sorting operations. Ability to have knowledge of tree and graph concepts.
II	CA-C9L	Statistics Lab II	Install code and use R programming language in R studio IDE to perform basic tasks on vectors, matrices and data frames. Explore and understand how to use R documentation. Able to appreciate and apply the R programming from a statistical perspective. Understand the different data types in R.
II	CA-C10L	Data Structures Lab	To describe stack, queue, linked list operation. To summarize searching and sorting techniques. To have knowledge of tree and graph concepts.



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CO – COURSE OUTCOME
2022-2023

UNDER GRADUATE – DEPARTMENT COMPUTER SCIENCE

BCA – REGULAR

DEPARTMENT OF COMPUTER SCIENCE

Sem

Subject Code

Paper Title

Course Outcome

BCA(Regular)

III SEMESTER

21UB3C1CNT

Computer Networks

CO1 Explain the importance of data communications and the Internet in supporting business communications and daily activities.
CO2 Explain how communication works in data networks and the Internet.
CO3 Analyze the services and features of the various layers of data networks. .
CO4 Analyze the features and operations of various application layer protocols such as Http, DNS, and SMTP.

21UB3C3OST

Operating Systems

CO1 Understand the basic computer operating system, interaction among the various components.
CO2 Learn the concepts of file management system.
CO3 Validate the policies for scheduling deadlock, memory management and security.
CO4 Analyze the features of file system, distributed system concepts.

21UB3C2PYT

Python Programming

CO1 Examine Python syntax and semantics and be fluent in the use of Python flow control and functions.
CO2 Express proficiency in the handling of strings and functions.
CO3 Determine the methods to create and manipulate Python programs by utilizing the data structures like lists, dictionaries, tuples, and sets.
CO4 Identify the commonly used operations involving file systems and regular expressions.
CO5 Articulate the Object-Oriented Programming concepts such as encapsulation, inheritance and polymorphism as used in Python.

IV SEMESTER

21UB4C2DAT

Design and Analysis of Algorithm

CO1 Use divide-and-conquer techniques for solving suitable problems
CO2 Use greedy approach to solve an appropriate problem for optimal solution
CO3 Apply dynamic programming approach to solve suitable problems

			CO4 Understand the limitations of algorithm power and study how to cope with the limitations of algorithm power for various problems
	21UB4C3ITT	Internet Technologies	CO1 Understand the concepts of World Wide Web.
			CO2 Design web pages using the HTML and CSS features with different layouts.
			CO3 Development of Web Sites.
			CO4 Analysis of Web Sites with dynamic web pages and static web pages.
	21UB4C4SET	Software Engineering	CO1 Implement software life cycle models and have a knowledge of different phases of software life cycle
			CO2 Identify, formulate ,review, estimate and scheduling
			CO3 Analyze verification validation activities, static ,dynamic testing debugging tools
			CO4 Classify the requirements and prepare software requirement documents for analyzing the projects



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CO – COURSE OUTCOME
2022-2023

UNDER GRADUATE – DEPARTMENT COMPUTER SCIENCE

BCA – IOT – INTERNET OF THINGS

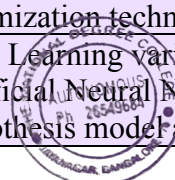
BCA(IOT)			
III SEMESTER	3BIMUCTT	8051 Microcontroller	CO1 Remember the fundamentals of microcontroller and internal design of 8051 and its features
			CO2 Understand addressing modes and basic operations of 8051
			CO3 Apply 8051 Timers , Counters and Interrupts
			CO4 Analyze interfacing of 8051 with peripherals
	3BINTPTT	Network Protocol	CO1 Identify the protocols and services of Data link layer.
			CO2 Identify the protocols and functions associated with the transport layer services.
			CO3 Describe the layering architecture of computer networks and distinguish between the OSI reference model and TCP/IP protocol suite.
			CO4 Distinguish the basic network configurations and standards associated with each network.
	3BIDBMST	DBMS	CO1 Identify, analyze and define database objects, enforce integrity constraints on a database using RDBMS.
			CO2 Use Structured Query Language (SQL) for database manipulation.
			CO3 Design and build simple database systems.
			CO4 Develop application to interact with databases.
IV SEMESTER	4BIAMUCT	ARM Microcontroller	CO1 Remember the architectural features and instructions of 32 bit microcontroller ARM Cortex M3.
			CO2 Understand the knowledge gained for Programming ARM Cortex M3 for different applications.
			CO3 Apply the basic hardware components and their selection method based on the characteristics and attributes of an embedded system.
			CO4 Analyze the hardware /software co-design and firmware design approaches.
	4BISAADT	Sensors and Actuating Devices	CO1 Understand the fundamentals of transducers and types
			CO2 Understand sensors and actuators and types
			CO3 Understanding generations of sensors
			CO4 Understanding real time applications of sensors in today's technology
	4B11TOTT	Internet of Things	CO1 Interpret the impact and challenges posed by IoT networks leading to new architectural models.
			CO2 Understand the fundamentals of electronics and hardware devices needed for IoT including deployment levels, Network protocols and standards
			CO3 Differentiate between various development boards, sensors, actuators, architecture of Arduino, Raspberry Pi, with Arduino IDE and other frameworks.
			CO4 Interact with Arduino, Raspberry Pi, using python, JavaScript and c++ to program the devices (sensors and actuators)

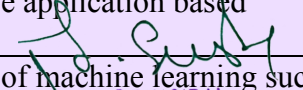
**CO – COURSE OUTCOME
2022-2023**

UNDER GRADUATE – DEPARTMENT COMPUTER SCIENCE

BCA – DS – DATA SCIENCE

BCA(Data Science)			
III SEMESTER	B(DS)3.1	Statistical Inference	CO1 This paper will help students to have a thorough knowledge of descriptive basic statistics.
			CO2 This course will help students to develop a deeper understanding of the basis underlying probability distributions and modern statistical inference and equip them with a statistical toolkit which will enable them to apply the knowledge and skills to real world tasks.
			CO3 Students will be able to analyze the difference among group means in a sample
	B(DS)3.2	Analysis and Design of Algorithm	CO1 This course aims to introduce the classic algorithms in various domains and helps the introduction of various techniques for designing efficient algorithms.
			CO2 To understand the Greedy method and different approach of scheduling and briefing about the Knapsack problem.
			CO3 Recognizing the different method dynamic programming, analysis of designing and problems on Travelling salesman.
			CO4 To analyze the various techniques such as backtracking, branch and bound method and applications on solving 4-queens problem.
	B(DS)3.3	Python	CO1 Interpret the concepts of object-oriented programming as used in python.
			CO2 Discover the commonly used functions and modules
			CO3 Identify the methods to create and manipulate lists, tuples and dictionaries.
			CO4 Analyze Exception handling, file operations & database connection.
IV SEMESTER	B(DS) 4.1	Machine Learning - I	CO1 Understanding the concept of Machine Learning in terms of different learning techniques, graphical representation and brief review on Linear algebra.
			CO2 Recognizing proper method of implementing the regression graphs and equations.
			CO3 Applying proper methodology in solving the hypothesis and learning more about advance application based optimization techniques.
			CO4 Learning various methods of machine learning such as Artificial Neural Network, classification technique, evaluating hypothesis model and learning curves.




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	B(DS) 4.2	Data Mining	CO1 To understand the origin and the standards of data mining methods, techniques, motivation and challenges.
			CO2 To understand the qualities and types of data and providing the vision on measuring the similarities and dissimilarities of exploring data and a brief on visualization.
			CO3 Learn new advance techniques on classification-based algorithms and problems on them.
			CO4 Analysis of different data mining methods and techniques such as Association rules, data clustering and classification.
	B (DS) 4.3	Web Technologies	CO1 To understand .NET Framework, its runtime environment and application development IDE of Visual Studio.
			CO2 To understand database concepts in ADO.NET and apply the knowledge to implement distributed data-driven applications.
			CO3 Design, document, debug ASP.NET web forms with server and validation controls and implement ASP.NET web services.
			CO4 Implement master pages and apply themes using web services.



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**PO, PSO – PROGRAM OUTCOMES, PROGRAM SPECIFIC OUTCOMES
2021-2022**

UNDERGRADUATE PROGRAM – COMPUTER SCIENCE

DEPARTMENT OF COMPUTER SCIENCE				
Programme Name	Program Code	Sub Code	Programme outcomes	Programme Specific outcomes
BCA (Regular)	UNBRE	CA-C2T CA-C3T CA -C4P CA -C5P CA-C6T CA-C7T CA -C8T CA -C9P CA-C10P	1. Discipline knowledge: Acquiring knowledge on basics of Computer Science and ability to apply to design principles in the development of solutions for problems of varying complexity 2. Problem Solving: Improved reasoning with strong mathematical ability to Identify, formulate and analyse problems related to computer science and exhibiting a sound knowledge on data structures and algorithms. 3. Design and Development of Solutions: Ability to design and development of algorithmic solutions to real world problems and acquiring a minimum knowledge on statistics and optimization problems. Establishing excellent skills in applying various design strategies for solving complex problems. 4. Programming a computer: Exhibiting strong skills required to program a computer for various issues and problems of day-to-day applications with thorough knowledge on programming languages of various levels. 5. Application Systems Knowledge: Possessing a sound knowledge on computer application software and ability to design and develop app for applicative problems. 6. Modern Tool Usage: Identify, select and use a modern scientific and IT tool or technique for modeling, prediction, data analysis and solving problems in the area of	PSO1: BCA graduates who will have a successful professional career in software industry, government, academia, research, and other areas where computer applications are deployed. PSO2: BCA graduates can become a software entrepreneur. PSO3: To prepare broadly educated, ethical and responsible citizens.  PRINCIPAL The National College Jayanagar, Bangalore-70.

			Computer Science and making them mobile based application software. 7. Communication: Must have a reasonably good communication knowledge both in oral and writing. 8. Project Management: Practicing of existing projects and becoming independent to launch own project by identifying a gap in solutions. 9. Ethics on Profession, Environment and Society: Exhibiting professional ethics to maintain the integrity in a working environment and also have concern on societal impacts due to computer-based solutions for problems. 10. Lifelong Learning: Should become an independent learner. So, learn to learn bility. 11. Motivation to take up Higher Studies: Inspiration to continue educations towards advanced studies on Computer Science.	
BCA(Data Science)	UNBDS	CA-C2T CA-C2T CA-C4P CA-C5L CA-C6T CA-C7T CA-C9L CA-C10L	PO1: Develop in-depth understanding of key technologies in Data Science and business analytics, data mining, machine learning, visualization techniques and statistics. PO2: Practical problem analysis and decision making. PO3: Gain practical hands on expereince with statistics, programming language and big data tools through coursework. PO4: To empower students with tools and techniques for handling, managing analysis and interpreting data	PSO1: Students shall be exposed to managing large data by learning fundamental theory in Mathematics, Statistics and Database management. PSO2: Students will also get hands on experience in using tools like Excel and Tableau to apply the theoretical fundamentals of statistics in practical applications. PSO3: Students learn analysis and design of algorithms, understanding and using unstructured data, extraction and usage of large datasets. They shall learn the prediction methods through fundamentals of machine learning. PSO4: On teaching students to apply the skills learn in the first 4 semesters in practical application through building r applications using machine learning.



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BCA(IOT)	UNBIT	CA-C2T CA-C5P CA-C7T CA-C10P	PO1: This program aims to train students to be equipped with a theoretical foundation systematic professional knowledge and strong practical skills in the field of communication network and IT that provides wide range of applications in IoT. PO2: To Teach Technical skills, enhance non-technical skills that are tapped-up with orientation by industry expert that significantly improving industry Readiness Quotient. PO3: To Teach Analysis of IoT data, including Statistical interface. PO4: To Provide Strong fundamentals of embedded electronics, Communication System and Protocols for IoT Communication.	PSO1: Students will get hands on experience in handling microcontrollers and acquire programming skills in C and Verilog. They shall also be exposed to managing large data by learning fundamental theory in Mathematics, Statistics and Database Management. PSO2: Students shall use tools like RTOS to understand the theory in the laboratory, build projects with ARM controller to learn how to create products for the Automobile industry using embedded electronics and also learn programming Python. PSO3: Students shall be taught state of the art subjects like Mobile communication Systems and software defined networks
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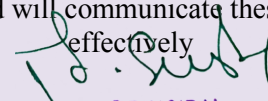
PO, PSO – PROGRAM OUTCOMES, PROGRAM SPECIFIC OUTCOMES 2022-2023

UNDERGRADUATE PROGRAM – COMPUTER SCIENCE

DEPARTMENT OF COMPUTER SCIENCE

DEPARTMENT OF COMPUTER SCIENCE			
Programme Name	Programme Code	Programme Outcome	Programme Specific Outcome
BCA - REGULAR			
BCA - REGULAR		PO 1 - Capable to apply the knowledge of mathematics, algorithmic principles and computing fundamentals in the modeling and design of computer based systems of varying complexity.	PSO 1 - Develop proficiency in problem solving and logical thinking skill.
		PO 2 - Scientific reasoning/ Problem analysis: Ability to critically analyze, categorizes, formulate and solve the problems that emerges in the field of computer science.	PSO 2 - To impart the knowledge of programming languages, web designing, networking and Software development cycle.
			PSO 3 - Enrich the communicative ability to present orally throughout all the stages of Software development process
		PO 3 - Problem solving: Able to provide software solutions for complex scientific and business related problems or processes that meet the specified needs with appropriate consideration for the public health and safety and the cultural, societal and environmental considerations.	PSO 4- Learn latest development and technologies in IT and Communications system.
		PO 4 - Modern tool usage: Use contemporary techniques, skills and tools necessary for integrated solutions.	PSO 5 - Implementation of professional engineering solutions for the betterment of society keeping the environmental context in mind, be aware of professional ethics and be able to communicate effectively.
		PO 5 - Cooperation / Team Work: Function effectively as member or leader on multidisciplinary teams to accomplish a common objective.	
BCA - DATA SCIENCE			
BCA - DATA SCIENCE	UNBDS	PO 1: Having a clear understanding of the subject related concepts and contemporary issues.	PSO 1. Demonstrate proficiency with statistical analysis of Data.
		PO 2: Having problem-solving ability- to assess social issues (societal, health, safety, legal and cultural) and engineering problems.	PSO 2. Execute statistical analyses with professional statistical software.
		PO 3: Having a clear understanding of professional and ethical	PSO 3. Implement data science skill in Data management.
		PO 4: Having cross-cultural competency exhibited by working as a member or in teams.	PSO 4. Develop the ability to build and assess Data based models.
		PO 5: Having a good working knowledge of communicating in English communication with the engineering community and society.	PSO 5. Apply data science concepts and methods to solve problems in real- world contexts and will communicate these solutions effectively
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BCA -INTERNET OF THINGS

BCA - INTERNET OF THINGS	UNBIT	PO1: This program aims to train students to be equipped with a theoretical foundation systematic professional knowledge and strong practical skills in the field of communication network and IT that provides wide range of applications in IOT.	PSO1: Students will get hands on experience in handling microcontrollers and acquire programming skills in C and Verilog. They shall also be exposed to managing large data by learning fundamental theory in Mathematics, Statistics and Database management.
		PO2: To teach technical skills and enhance non – technical skills that are tapped- up with orientation by Industry expert that significantly improves Industry readiness Quotient.	PSO2: Students shall use tools like RTOS to understand the theory in the laboratory, build projects with ARM controller , to learn how to create products for the automobile industry using embedded electronics and also learn programming Python.
		PO3: To teach Analysis of IOT data, including statistical inference.	PSO3: Students shall be taught state of the art subjects like Mobile communication systems and software defined networks for IOT.
		PO4: To provide strong fundamentals of embedded electronics, communication systems and protocols for IOT communications.	




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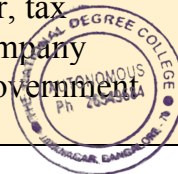
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UNDER GRADUATE DEPARTMENT – COMMERCE

2018-2021

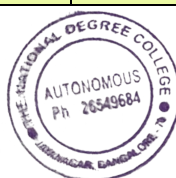
Program Name	Program Outcome	Program Specific Outcome
B. Com	This program aims to provide students with specific knowledge and skills relevant to their discipline and careers. After completing three years of Bachelors in Commerce (B. Com) program, students would gain a thorough grounding in the fundamentals of Commerce, Accounts and Finance which offers a number of specializations and practical exposure for the students to face the modern – day challenges in different professional positions.	Students will gain thorough systematic and subject skills within various disciplines of finance, auditing and taxation, accounting, management, communication, computer.
	This program could provide well trained professionals for the Industries, Banking Sectors, Insurance Companies, Financing Companies, Transport Agencies, warehousing etc., to meet the requirement of skilled man power. The broader perspective of this programme offers a number of values based and job-oriented courses which ensure that the students are trained up-to-date.	The students can get knowledge, skills and attitudes in different areas of communication, decision making, innovations and problem solving in their selected areana after completion of their degree program.
	This program, beyond the introductory level, provides students with the analytical, evaluation and problem – solving skills corresponding to degree level higher education. It enhances the capability of the students to make decisions at personal and professional level, also students can independently start up their own business.	Students are able to play roles of businessmen, entrepreneurs, managers, consultants, which will help learners to possess knowledge and other soft skills and to react aptly when confronted with critical decision making.
	At the end of the B. Com degree program, by virtue of training, they can become a manager, accountant, management accountant, cost accountant, bank manager, auditor, tax consultant, finance consultant, company secretary, teacher, stock agents, government servants, etc.,	Students have choices to pursue professional courses such as M.COM, MBA, CA, ACCA, CMA, ICAI, CS, etc.



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COURSE OUTCOME

Semester	Course Code	Paper Titled	Outcomes
I SEM	1CFACCT	FINANCIAL ACCOUNTING	After the completion of the course, Students will be able to 1.Prepare journal entries and ledger accounts for various conditions of installment system and royalty 2.Prepare final statements for different business concerns
	1CFMKTT	FUNDAMENTALS OF MARKETING	After the completion of the course, Students will be able to 1.Brief the goals, concepts and nature of marketing and its environment. 2.Know the concept, classification, development, branding and pricing of product. 3.Build distribution network for different product. 4.Know the factors influencing consumer behaviour, concept of the buying process and various ethics and trends of marketing.
	1CMCRTQ	CAMPUS RECRUITMENT & TRAINING	After the completion of the course, Students shall know the basics of data interpretation, comprehension numerical, verbal, and reasoning ability.
II SEM	2CAFACT	ADVANCED FINANCIAL ACCOUNTING	After the completion of the course, Students will be able to 1.Compute fire insurance claims, prepare and maintain books for joint venture. 2.Prepare branch accounts and know the incorporation entries for conversion of firm to a limited company.
	2CIFSYT	INDIAN FINANCIAL SYSTEM	After the completion of the course, Students will be able to 1.Understand the functions and significance of various markets in financial system. 2. Know the various banking and non banking institutions and their functions. 3.List out the instrument traded in financial markets and the types of financial services.
	2CMHRMQ	HUMAN RESOURCES MANAGEMENT	Students can understand the importance of HRM, its functions and operations in the organization.



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Semester	Course Code	Paper Titled	Outcomes
III SEM	3CLCC1T	CORPORATE CORRESPONDENCE - I	Students are capable to write formal letters in standard format, prepare their own resume. Also they would know the basics of preparing a showcase notice, chargesheet and other disciplinary letters. Secreterial correspondence is also learnt.
	3CCACCT	CORPORATE ACCOUNTING	After the completion of the course, Students will be able to 1. Know the concept of underwriting, the types and calculation of underwriting commission. 2. Value goodwill and shares in different methods. 3. Prepare company final accounts in accord to statutory provisions.
	3CCOSTT	COST ACCOUNTING	After the completion of the course, Students will be able to 1. Classify cost according to their nature, analyse, prepare cost sheets and tenders 2. Have understood the concepts of material control, purchase procedure and techniques of store keeping 3. Have clarity in varied topics of cost- labour turnover, time and motion study, merit rating, time keeping and calculate wages. 4. Classify, control, allocate, apportion, absorption various overheads.
	3CFMGTT	FINANCIAL MANAGEMENT	After the completion of the course, Students will be able to 1. Apprehend the basics of business finance and sound financial planning. 2. Know the concept of financing, investment and dividend decisions. 3. Have understood the concept and significance of working capital management.
	3CCL&PT	COMPANY LAW AND PRACTICE	After the completion of the course, Students will be able to 1. Brief out the concept of company, company secretary and the basics of forming a joint stock company. 2. Know the details of winding up of companies and the functions of a liquidator. 3. Draft memorandum of association and articles of association. 4. Drafting notice of company meeting and record the proceedings



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Semester	Course Code	Paper Titled	Outcomes
III SEM	3CBECGT	BUSINESS ETHICS AND CORPORATE GOVERNANCE	After the completion of the course, Students will be able to 1. State the arguments for and against business ethics. 2. Make a list of unethical aspects. 3. List out ethical problems faced by managers. 4. Know the issues involved in corporate governance.
	3CIDITT	PRINCIPLES OF INCOME TAX	Usually, the Students are familiar with background of income tax and they understand the different fringe benefits offered to them. The Students can themselves can compute of income from salary and taxability payable.
IV SEM	4CLCC2T	CORPORATE CORRESPONDENCE - II	Students will be able to prepare inter departmental correspondence documents like memos, circulars, office notes, meeting agenda and mintues. They shall actively participate in group discussions, brain storming session, know the art of conducting and giving interviews.
	4CACACT	ADVANCED CORPORATE ACCOUNTING	After the completion of the course, Students will be able to 1. To know the preparation of Accounts of Holding Company. 2. It also describes the process of liquidation which is included in the company accounts. 3. This subject also provides the knowledge of amalgamation of the company. 4. It also helps students to give practical knowledge of accounts.
	4CCOMTT	COSTING METHODS	After conclusion of study the students will be able to: 1. Define the process to compute total cost of a product belong to various production processes. 2. Accumulate total cost of a contract assigned.
	4CFDRMT	FINANCIAL DERIVATIVES & RISK MANAGEMENT	1. Student will able to apply different company valuation techniques to determine share prices and describe the characteristics of different types of debt securities and be able to price them. 1. Student will able to describe different theories of how interest rates are determined and explain the relationship between the term to maturity, risk, and interest rates. 2. Student will able to understand the mechanics and conventions of the foreign exchange market and the motivation of different participants in trading foreign currencies.



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Semester	Course Code	Paper Titled	Outcomes
IV SEM	4CPB&IT	PRINCIPLES OF BANKING AND INSURANCE	1. Students got understood the basic principles of both banking & insurance sectors. 2. Demonstrate a comprehension of the principles of banking and its relationship to banks and customers. 3. Organize information as it relates to the regulation of banking products and services. 4. Students are familiar with basics terminologies and services offered by insurance.
	4CACIST	ACCOUNTING INFORMATION SYSTEMS (THEORY AND PRACTICAL)	1. Students will enable to learn the different system concepts used in Accounting Software -Tally. 2. They understand the different facts and applications - Working in Tally Accounting Software.
	4CIDPBT	PRINCIPLES OF BANKING	1. Students are familiar with the fundamentals of banking and gain brief knowledge of banking concepts and operations. 2. They are aware of the new concepts introduced in the banking system.
V SEM	5CITX1T	INCOME TAX - I	Students can understand Income Tax system properly, and can get the knowledge of different tax provisions and they gain the knowledge about Submission of Income Tax Return, Advance Tax, and Tax deducted at Source, Tax Collection Authorities under the Income Tax Act, 1961.
	5CCMGTT	COST MANAGEMENT	Students will have learnt calculations of cost under various methods of costing - job, batch, process, contract and operational costing
	5CBL&OT	BANKING LAW & OPERATIONS	1. Students successfully completing this course will be able to: Demonstrate a comprehension of the principles of banking law and its relationship to banks and customers. 2. Engage in critical analysis of the practice of banking law from a range of perspectives. 3. Organize information as it relates to the regulation of banking products and services.




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Semester	Course Code	Paper Titled	Outcomes
V SEM	5CP&PAT	PRINCIPLES & PRACTICE OF AUDITING	1.Student will understand to describe the various levels of persuasiveness of different types of audit evidence and explain the broad principles of audit. 2.Student will understand to discuss the needfor an independent or external audit and describe briefly the development of the role of the assurance provider in modern business society. 3.Student will able describe the quality control procedures necessary to ensure that a competent assurance engagement is performed, and apply professional ethics including Code of Conduct to specific scenarios 4.Student will Explain the internal audit process including the professional standards applicable to the internal audit profession.
	5CEAC1T	ADVANCED ACCOUNTING	1.The students will be able to analyse theaccounts relating to banking, insurance, inflationary and farm accounting. 2.The students understand the schedulesused in accounting of various sectors.
	5CEAC2T	GOODS & SERVICES TAX	1.Student will able to Compute the assessable value of transactions related to goods and services for levy and determination of duty liability. 2.Student will able to Identify and analyzethe procedural aspects under different applicable statutes related to indirect taxation . Student will able to understand Tax liability and taxable entities and accounting treatment for transactions. 3.Student will able to examine the method of input and output tax credit along with tax imposition, tax exemption, tax deduction.
	5CEFN1T	ADVANCED FINANCIAL MANAGEMENT - I	1.By completing this course, students acquire the knowledge to manage the finance and financial requirements in business. 2. Studentswill be able analyse the risk involved in financial aspects of the organizations. 3.Students would know the theories of various financial aspects like capital structure, dividend etc.



Semester	Course Code	Paper Titled	Outcomes
V SEM	5CEFN2T	STOCK & COMMODITY MARKETS	Through this paper the students learn about various financial institutions like Stock Exchange, Mutual Funds etc.
VI SEM	6CITX2T	INCOME TAX - II	1.Students learn the different heads of incometaxable under taxation. 2.They also determine the tax liability cocepts, set off and carry forward, deductions U/s 80C to 80U.
	6CMACCT	MANAGEMENT ACCOUNTING	1.Students would have understood management accounting concepts related to the management functions of planning, control, and decision making. 2.They would have learnt the preparation andanalysis of finacial statements, cash flow statements, fund flow statements and significance of ratios in decision making.
	6CBSRLT	BUSINESS REGULATIONS	1.Student will be well verse in basic provisions regarding legal frame work governing the business worldand they will know the basic concepts, terms & provisions of Mercantile and Business Laws. 2.They are aware of these laws affectingtrade business, and commerce. 3.Critically evaluate conditions and warranties of sale of goods act. Aware about rights to information.
	6CEDEPT	ENRTEPRENEURIAL DEVELOPMENT PROGRAMME	1.Enable students to understand project formulation, Entrepreneurship development, awareness on various Entrepreneurship Development Programme, EDP schemes, knowledge of entrepreneurial skills and to make the students understand the approaches to attain the goals of the business
	6CEAC3T	COST TECHNIQUES	1.Students are able to gain knowledgeregarding costing techniques. 2.Able to prepare various budgets like fixedand flexible budgets. 3.Define the terms with regard to variance analysis. 4.Define the terms with regard to BEPanalysis.



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Semester	Course Code	Paper Titled	Outcomes
VI SEM	6CEAC4T	INTERNATIONAL FINANCIAL REPORTING STANDARDS	Students have understood the IFRS by ability to prepare financial statements using International Accounting Standards
	6CEFN3T	ADVANCED FINANCIAL MANAGEMENT - II	Students will able to gain the cash management models, receivable management aspects, inventory in ageing wise concept used in organizations.
	6CEFN4T	SECURITY ANALYSIS AND PORTFOLIO MANAGEMENT	At the conclusion of the course, students understand the portfolios and its management, also they learn about security analysis.



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CO – COURSE OUTCOME
2021-2022

UNDER GRADUATE – DEPARTMENT: UG COMMERCE

DEPARTMENT OF COMMERCE (UG)			
Sem	Subject Code	Paper Title	Course Outcome
I	BC1-C1	FINANCIAL ACCOUNTANCY	1. Understand the Basic Concepts of Accountancy 2. Exercise the accounting treatments for consignment transactions & events in the books of consignor and consignee. 3. Demonstrate various accounting treatments for dependent branches 4. Learn various methods of accounting for hire purchase transactions. 5. Outline the emerging trends in the field of accounting 6. Demonstrate e-Treatment of Accountancy
	BC1-C2	BUSINESS MANAGEMENT & STARTUPS	1. Design and demonstrate the strategic plan for the attainment of organizational goals. 2. Compare and choose the different types of motivation factors and leadership Understands Government Initiatives for Startups in India. 3. Understand the support extended by Incubators & Major Startups Incubators in India. 4. Understand startups Opportunities and Financial Issues of Startups 5. Understand the support extended by Incubators & Major Startups Incubators in India.styles.
	BC1-C3	PRINCIPLES OF MARKETING	1. Understand the basic concepts of marketing and assess the marketing environment. 2. Analyse the consumer behaviour in the present scenario and marketing segmentation. 3. Discover the new product development & identify the factors affecting the price of a product in the present context. 4. Judge the impact of promotional techniques on the customers & importance of channels of distribution. Outline the recent developments in the field of marketing.
	OE1-COM1	SPREAD FOR BUSINESS	1. Understand the basic concepts of Spreadsheet 2. Summarize data using Functions 3. Apply Conditions using formulas and Functions Implement Basic financial Concepts in Spreadsheet
II	BC2-C4	ADVANCED FINANCIAL ACCOUNTING	1. Understand and compute the amount of claim for loss of stock and the concept of loss of profit. 2. Deal with the inter-departmental transfers and their accounting treatment. Compute Average Due Date and preparation of Account current 3. Learn to deal with accounting for royalty transactions. 4. Prepare financial statements from incomplete records.
	BC2-C5	BUSINESS ETHICS	1. Understanding the importance of ethical behavior in business and the community. 2. Provide skills for recognising and resolving ethical issues in business, 3. Critical self-examination of one's own values, as well as appreciation for the relevance of personal values in the

			business/workplace. 4. Critical self-examination of one's own values, as well as appreciation for the relevance of personal values in the business/workplace. 5. Encourage self-reflection on the ethical dimensions of your own decisions in the workplace.
	BC2-C6	BANKING INNOVATIONS	1. Understand the Banking System in India. 2. Understand the procedure involved in opening and operating different accounts. 3. Understand the procedure involved in Availing different types of Loans. 4. Examine the different types of negotiable instruments & their relevance in the present context. 5. Understand the technology in Banking.



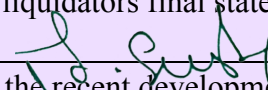
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CO – COURSE OUTCOME
2022-2023

UNDER GRADUATE – DEPARTMENT: UG COMMERCE

DEPARTMENT OF COMMERCE (UG)			
Sem	Subject Code	Paper Title	Course Outcome
III SEMESTER	BC3-C7	CORPORATE ACCOUNTING	CO1 Understand the treatment of underwriting of shares.
			CO2 Understand the concepts and accounting treatment of Issue of shares under various types.
			CO3 Know the valuation of intangible assets.
			CO4 Know the valuation of shares.
			CO5 Prepare the financial statements of companies as per companies act, 2013.
	BC3-C8	INDIAN FINANCIAL SERVICE	CO1 Understand the financial system, Institutions, financial markets and services.
			CO2 Analyse the concepts relevant to Indian financial market and relevance.
			CO3 understand concept of financial services, types and functions.
			CO4 Understand the types of financial Instruments.
			CO5 Demonstrate an understanding the functioning of stock markets.
	BC3-C9	COMPANY LAW AND ADMINISTRATION	CO1 Understand the different types of companies and CSR Activities under Companies Act 2013
			CO2 Familiarizes on the procedure of Formation of a Company
			CO3 Understand the roles and responsibilities Key Managerial Personnel
			CO4 Understand the modes for source of capital and Books of Accounts
			CO5 Understand the significance of corporate Meeting and procedure of winding up of a company
IV SEMESTER	BC4-C10	ADVANCED CORPORATE ACCOUNTING	CO1 Know the procedure of redemption of preference shares.
			CO2 Comprehend the different methods of Mergers and Acquisition of Companies
			CO3 Understand the process of internal reconstruction.
			CO4 Prepare the liquidators final statement of accounts.
			CO5 Understand the recent developments in accounting and accounting standards.
	BC3-C11	COST ACCOUNTING	CO1 Understand concepts of cost accounting &




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			Methods of Costing.
			CO2 Outline the Procedure and documentations involved in procurement of materials & compute the valuation of Inventory.
			CO3 Make use of payroll procedures & compute idle and over time. Discuss the methods of allocation, apportionment & absorption of overheads.
			CO4 Prepare cost sheet & discuss cost allocation under ABC.
	BC3-C12	BUSINESS REGULATIONS	CO1 Recognize the laws relating to Contracts and its application in business activities.
			CO2 Acquire knowledge on bailment and indemnification of goods in a contractual relationship and role of agents.
			CO3 Comprehend the rules for Sale of Goods and rights and duties of a buyer and a seller.
			CO4 Distinguish the partnership laws, its applicability and relevance.
			CO5 Rephrase the cyber law in the present context.



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PO, PSO – PROGRAM OUTCOMES, PROGRAM SPECIFIC OUTCOMES
2021-2022

UNDERGRADUATE PROGRAM – UG COMMERCE

DEPARTMENT OF COMMERCE (UG)				
Programme Name	Program Code	Sub Code	Programme outcomes	Programme Specific outcomes
B.COM	UNCRE	BC1-C1 BC1-C2 BC1-C3 OE1-COM1 BC2-C4 BC2-C5 BC2-C6	• PO1 - Cater to skilled manpower needs of industry To cater to the manpower needs of companies in Accounting, Taxation, Auditing, Financial Analysis and various other aspects of management. • PO2 – Critical Analysis Critically analysis the different profession related scenarios and situations with clear understanding of the factors contributing to the same • PO3 – Effective Communication Effectively communicate through different modes and forms of communication while working as a member of the term in the organization at different levels • PO4 – Develop leadership as well as qualities of effective team player Be an effective team leader to lead a group with conflicting personalities and move together towards a common goal. • PO5 – Ethics Developes ethical, moral and human values and contribute to well being of society. To become ethical managers with interdisciplinary approach. • PO6 – Professional Development Gain proficiency with the ability to qualify competitive professional examinations at national and international level • PO7 – Entrepreneurial skill development Plan and develop the start-ups and entrepreneurial ventures independently through skills development during the tenure of degree	• PSO1 – Demonstrate understanding of the basic concepts and theoretical knowledge used in the different commerce and business related areas like accounting, taxation, auditing , banking, marketing , finance, E-commerce etc. • PSO2 – Apply IT knowledge and skills for efficient and effective business processes and develop innovative methods for competitive advantage • PSO3 – Students will be able to demonstrate progressive learning of various tax issues and tax forms related to individuals and organization • PSO4 – Learner will be able to prove proficiency with the ability to engage in competitive exams like CA, CS, CMA and other course • PS05 – Students gain knowledge and analytical skills in the contemporary issues of marketing and HR • PSO6 – Enables students for positions of leadership and take decision at all the levels of management • PSO07 – Learners will acquire the skills like effective communication, decision making, problem solving in day to day business affairs.




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**PO, PSO – PROGRAM OUTCOMES, PROGRAM SPECIFIC OUTCOMES
2022-2023**

UNDERGRADUATE PROGRAM – UG COMMERCE

DEPARTMENT OF COMMERCE			
Programme Name	Programme Code	Programme Outcome	Programme Specific Outcome
B.Com	UNCRE	PO1: Cater to skilled man power needs of industry To cater to the manpower needs of companies in Accounting, Taxation, Auditing, Financial analysis and various other aspects of management. PO2: Critical Analysis Critically analyse the different profession related scenario and situations with clear understanding of the factors contributing to the same. PO3: Effective communication: Effectively communicate through different modes and forms of communication while working as a member of team in the organisation at different levels. PO4: Develop leadership as well as qualities of effective team player Be an effective team leader to lead a group with conflicting personalities and move together towards a common goal. PO5: Ethics Develops ethical, moral and human values and contribute to the well being of the society. PO6: Professional development Gain proficiency with the ability to qualify competitive professional examinations at National and International levels. PO7: Entrepreneurial skill development Plan and develop the startups and entrepreneurial ventures independently through skills developed during the tenure of degree.	PSO1: Demonstrate understanding of the basic concepts and theoretical knowledge used in the different commerce and business related areas like accounting, taxation, auditing, banking, marketing, finance, E-Commerce etc. PSO2: Apply IT Knowledge and skills for the efficient and effective business process and develop innovative methods for competitive advantage. PSO3: students will be able to demonstrate progressive learning of various tax issues and tax forms related to individuals and organizations. PSO4: Learners will be able to prove proficiency with the ability to engaging competitive exams like CA, CS, ICWAI and other course. PSO5: Students gain knowledge and analytical skills in the contemporary issues of marketing and HR. PSO6: Enable students for positions of leadership and take decisions at all levels of management. PSO7: Learners will acquire skills like effective communication, decision making, problem solving in day to day business affairs.




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DEPARTMENT OF POST GRADUATION – COMMERCE

2018-2021

Program Name	Program Outcomes	Program Specific Outcomes
M.com	PO1: Apply analytical and professional skills in relevant field. PO2: Have comprehensive knowledge of trade and commerce practices. PO3: Develop the capabilities and higher inclination towards providing solutions to industry and society.	PSO1: To cater to the manpower needs of corporate and government in Human Resource, Taxation, Business Ethics & Governance, Financial Analysis and Management. PSO2: Provide entrepreneurship and managerial skills so as to enable them to establish and manage the corporate and business enterprises. PSO3: Solve global commerce challenges by understanding and applying the principles of their domain concepts.




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COURSE OUTCOME

Semester	Subject Code	Title of the Paper	Outcomes
1	1.1	International Marketing and Logistics Management	After completion of the course students will be able 1. To understand the overview and importance of international marketing. 2. Also it helps students get knowledge on the need and reasons for entering international markets
1	1.2	Business Ethics and Corporate Governance	After completion of the course students will be able 1. To be conscious about ethical values in real life and in business. 2. Also they will be able to internalize ethical values and practices.
1	1.3	Quantitative Techniques for Business Decisions	After completion of the course students will be able 1. To have gained knowledge in concepts and tools of Quantitative Techniques 2. They will be able to apply these in managerial decision making
1	1.4	Advanced Financial Management and Analysis	After Completion of the course students will be able 1. To impart the knowledge in advanced techniques of financial management 2. They will be able to apply the techniques in financial decision making
1	1.5	Human Resource Management	After completion of the course students will be able 1. Well aware of the principles and practices of Human Resources Management 2. To make students internalize good HR practices
1	1.6	Information Systems and Business Analytics	After completion of the course students will be able 1. To get familiarized with aspect of business information systems and relevant information technology and can apply in business analytics. 2. It also develops skills to design and implement simple computer-based information systems.



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Semester	Subject Code	Title of the Paper	Outcomes
1	1.7	Micro Insurance (Soft Core)	After completion of the course students will be 1. Able to have basic understanding of the micro insurance mechanism. 2. Students will be able to understand how micro insurance is used to cover risk to low-income population.
2	2.1	Risk Management	After Completion of the course students will be able 1. To have basic knowledge of risk, type of risks and tools of risk management. 2. They will be able practically apply the knowledge in the area of Portfolio Management and Investments.
2	2.2	Organizational Culture and Change	After Completion of the course students will be able 1. To gain understanding of the dynamics of interaction between individual and the organization to facilitate a clear perspective to diagnose and effectively handle human behaviour issues in organizations and develop greater insight into their own behaviour in interpersonal and group team situations. 2. To acquire skills in influencing people in organizations, to provide to the students a Foundation of knowledge in organizations and help them to become aware of the influence of organization, structure on the attitudes behaviour performance of people working in organizations.



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Semester	Subject Code	Title of the Paper	Outcomes
2	2.3	Advanced Management Accounting	After Completion of the course students will be able 1. to understand the importance of Cost accounting in managerial Decision making. 2. They will also be able to apply cost accounting theory in management decision making process.
2	2.4	Applied Costing	After Completion of the course students will be able 1. aware of the detailed procedures and documentation involved in cost ascertainment systems. 2. They will be cognizant in application of tools and techniques for managerial decision making.
2	2.5	Business Research Methods	After Completion of the course Students will be able to 1 to be acquainted with concepts, tools and techniques of the methodology of business research. 2. do a research / consultancy project in the fourth semester
2	2.6	Advanced E-Commerce	After Completion of the course students will be able 1. to have an analytical and technical framework to understand the emerging world of e-commerce and mobile commerce. 2. Students will be able to accept challenges and grab opportunities in the field of E-commerce and mobile com. As a matter of competitive necessity, Students gain an understanding of the business models and adapt themselves for rapidly changing technology.



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Semester	Subject Code	Title of the Paper	Outcomes
2	2.7	Micro Finance (Soft Core)	After completion of the course the students will be able to 1. understand the concept of Financial Benefits and RBI guidelines to Micro Finance. 2. have on varied information relating to different players, institutions and regulatory agencies influencing the Micro Finance activity. To examine & compare the changing scenario of the Rural people with the use of Microfinance.
3	3.1	International Business	After completion of the course the student s will be 1. having In-depth knowledge on elements relating international business & will be more conversant with real life situations. 2. Students will be equipped for Global challenges.
3	3.2	Banking and Operation Management	After completion of the course the student s will be 1. The students will be possessing in-depth understanding of Banking Operations. 2. will gain practical knowledge in Banking Procedures.



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Semester	Subject Code	Title of the Paper	Outcomes
3	3.3	Advanced Direct Taxation	After completion of the course the student s will be 1. Gain understanding on advanced aspects of direct taxation. 2. Opening avenues for Professional Courses. have conversant with in-depth knowledge of assessment of various entities.
3	3.4	Accounting for Specialised Institutions (Elective 1)	After completion of the course the student s will be 1. Understand the working of financial markets & Services in India. 2. They will have awareness for Portfolio Investments.
3	3.5	Advanced Cost Accounting I (Elective 2)	After completion of the course the student s will be 1. to apply cost control and cost reduction techniques in decision making. 2. Creates interest for application of costing principles for the benefit of organization.
3	3.6	Advanced Cost Accounting I (Elective 2)	After completion of the course the student s will be 1. will have in-depth knowledge on accounting aspects relating to various Institutions. 2. Applying Application of Accounting in varied situations faced by Organizations. Improves accounting skills for practical purposes.
4	4.1	Advanced Cost Accounting I (Elective 2)	After completion of the course the student s will be 1. able to have a deep insight into Goods and Services Tax. 2. Gain practical knowledge.



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Semester	Subject Code	Title of the Paper	Outcomes
4	4.2	Legal aspects of Business	After completion of the course the student s will be 1. able to know the different legal aspects of business. 2. will be well-versed with law of the land.
4	4.3	Forex Management (Elective 4)	After completion of the course the student s will be 1. able to get deep insight view of the concepts of forex management. 2. will have practical orientation of Foreign Exchange Markets.
4	4.5	Corporate Financial Reporting (Elective 6)	After completion of the course the student s will be 1. will gain in-depth knowledge on Financial Reporting. 2. They get acquainted with various accounting standards applied in India & Other countries.



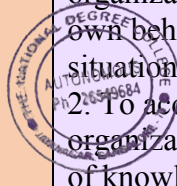
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CO – COURSE OUTCOME
2021-2022

UNDER GRADUATE – DEPARTMENT: PG COMMERCE

DEPARTMENT OF COMMERCE (PG)

Sem	Subject Code	Paper Title	Course Outcome
I	1.1	International Marketing and Logistics Management	After completion of the course students will be able 1. To understand the overview and importance of international marketing. 2. Also it helps students get knowledge on the need and reasons for entering international markets
	1.2	Business Ethics and Corporate Governance	After completion of the course students will be able 1. To be conscious about ethical values in real life and in business. 2.. Also it helps students get knowledge on the need and reasons for enteri
	1.3	Quantitative Techniques for Business Decisions	After completion of the course students will be able 1. To have gained knowledge in concepts and tools of Quantitative Techniques 2. They will be able to apply these in managerial decision making
	1.4	Advanced Financial Management and Analysis	After Completion of the course students will be able 1. To impart the knowledge in advanced techniques of financial management 2. They will be able to apply the techniques in financial decision making
	1.5	Information Systems and Business Analytics	After completion of the course students will be able 1. To get familiarized with aspect of business information systems and relevant information technology and can apply in business analytics. 2. It also develops skills to design and implement simple computer-based information systems.
	1.6	Micro Insurance (Soft Core)	After completion of the course students will be 1. Able to have basic understanding of the micro insurance mechanism. 2. Students will be able to understand how micro insurance is used to cover risk to low-income population.
II	2.1	Risk Management	After Completion of the course students will be able 1. To have basic knowledge of risk, type of risks and tools of risk management. 2. They will be able practically apply the knowledge in the area of Portfolio Management and Investments.
	2.2	Organizational Culture and Change	After Completion of the course students will be able 1. To gain understanding of the dynamics of interaction between individual and the organization to facilitate a clear perspective to diagnose and effectively handle human behaviour issues in organizations and develop greater insight into their own behaviour in interpersonal and group team situations. 2. To acquire skills in influencing people in organizations, to provide to the students a Foundation of knowledge in organizations and help them to



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			become aware of the influence of organization, structure on the attitudes behaviour performance of people working in organizations.
	2.3	Advanced Management Accounting	After Completion of the course students will be able 1. to understand the importance of Cost accounting in managerial Decision making. 2. They will also be able to apply cost accounting theory in management decision making process.
	2.4	Applied Costing	After Completion of the course students will be able 1. aware of the detailed procedures and documentation involved in cost ascertainment systems. 2.They will be cognizant in application of tools and techniques for managerial decision making.
	2.5	Business Research Methods	After Completion of the course Students will be able 1 to be acquainted with concepts, tools and techniques of the methodology of business research. 2. do a research / consultancy project in the fourth semester
	2.6	Advanced E- Commerce	After Completion of the course students will be able 1. to have an analytical and technical framework to understand the emerging world of e-commerce and mobile commerce. 2. Students will be able to accept challenges and grab opportunities in the field of E-commerce and mobile com. As a matter of competitive necessity, Students gain an understanding of the business models and adapt themselves for rapidly changing technology.
	2.7	Micro Finance & Insurance	After Completion of the course students will be able 1. Know the various Models of SHGs existing in India 2.Know partnership model, agency model & micro agent model.
III	3.1	International Business	After completion of the course the student s will be 1. having In-depth knowledge on elements relating international business & will be more conversant with real life situations. 2. Students will be equipped for Global challenges.
	3.2	Banking and Operation Management	After completion of the course the student s will be 1. The students will be possessing in-depth understanding of Banking Operations. 2. will gain practical knowledge in Banking Procedures.
	3.3	Strategic Cost Management-I	After completion of the course the student s will be 1. Gain understanding on advanced aspects of direct taxation. 2. Opening avenues for Professional Courses. have conversant with in-depth knowledge of assessment of various entities.



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	3.4	Business Analytics	1. To be familiar with basics of business analytics. 2. To be familiar with HR related tools and techniques. 3. To be aware of marketing tools and techniques. 4. Information about CRM. 5. Knowledge about financial analytics
	3.5	Strategic Cost Management-I	After completion of the course the student s will be 1. will have in-depth knowledge on accounting aspects relating to various Institutions. 2. Applying Application of Accounting in varied situations faced by Organizations. Improves accounting skills for practical purposes.
	3.6	Forex Management	1. Student will be familiar with basic activities of foreign exchange market. 2. Student will be familiar with currency related transactions of foreign exchange trade. 3. Student will be familiar with forex trading and forward contracts 4. Student will be familiar with operations of different financial markets. 5. Familiarity with foreign exchange risk management and speculation in foreign exchange and money market.
IV	4.1	Goods & Service Tax and Customs Duty	1. Student will be familiar with basic knowledge about different concepts of GST. 2. Student will be well versed with levy and collection of GST. 3. Familiarity with practical orientation of GST. 4. Preparation of filing documents of GST. 5. Getting knowledge about Customs Act.
	4.2	Legal aspects of Business	After completion of the course the student s will be 1. able to know the different legal aspects of business. 2. will be well-versed with law of the land.
	4.3	Forensic Accounting and Auditing	After completion of the course the student s will be 1. able to get deep insight view of the concepts of forex management. 2. will have practical orientation of Foreign Exchange Markets.
	4.4	Strategic Cost Management – II	After completion of the course the student s will be 1. will have in-depth knowledge on accounting aspects relating to various Institutions. 2. Applying Application of Accounting in varied situations faced by Organizations. Improves accounting skills for practical purposes.
	4.5	Corporate Financial Reporting (Elective 6)	After completion of the course the student s will be 1. will gain in-depth knowledge on Financial Reporting. 2. They get acquainted with various accounting standards applied in India & Other countries.

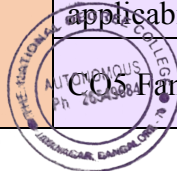


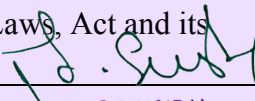
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CO – COURSE OUTCOME
2022-2023

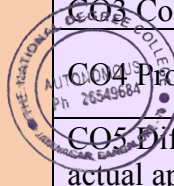
UNDER GRADUATE – DEPARTMENT: PG COMMERCE

DEPARTMENT OF COMMERCE (PG)			
Sem	Subject Code	Paper Title	Course Outcome
I SEMESTER	1.1	Monetary System	CO1 Basics of money, theories of money are familiarized to the students.
			CO2 Emphasis on monetary standards is analyzed.
			CO3 Monetary operations and international level knowledge about operations being familiarized.
			CO4 Foreign exchange, evolution of monetary system, analysis are learnt.
			CO5 Complete information about BOP is learnt.
	1.2	International Business Environment	CO1 Basics of IB, Complete knowledge about IBE.
			CO2 Integrations of theory are learnt and IMF's complete knowledge is availed.
			CO3 Learning the factors which influence the international trends.
			CO4 Familiarities with MNCs , Importance of global operations.
			CO5 Importance of CSR and legal aspects.
	1.3	Quantitative Techniques for Business Decisions	CO1 Applications of programming analyzed.
			CO2 Detailed process of performance analyzed.
			CO3 Familiarity with simulations.
			CO4 Statistical derivations with the help of standard tools.
			CO5 Knowledge about inventory level.
	1.4	Managerial Finance	CO1 Basics of finance, Methods of modern finance.
			CO2 Wise discussions towards financial issues.
			CO3 How to determine the risks analysis and capital budgeting.
			CO4 Analysis on mergers and demergers
			CO5 Dividend and different models of dividend decisions theory are analysed.
	1.5	Information Technology Business	CO1 All basic concepts are analyzed.
			CO2 Familiar with hardware and software.
			CO3 Internet security and its various phases.
			CO4 Learning Cyber Laws, Act and its applicability.
			CO5 Familiarity with electronic data.




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II SEMESTER	1.6	Communication & Soft Skills (SOFT CORE)	CO1 Introduction to communication skills
			CO2 To be familiar with different types of communication.
			CO3 Art of writing a letter.
			CO4 Makes the students more confident.
			CO5 Observe technical shift as development in soft-skills.
	2.1	Risk Management	CO1 Basic concepts with portfolio succession.
			CO2 Analyse the business, apply the simple formats to arrive at the decisions.
			CO3 Complete analysis of the company.
			CO4 Technical and market efficiency is earned.
			CO5 Practical knowledge to value different scrips.
	2.2	Business Ethics for Corporate Governance	CO1 Importance of ethics in business, values and their influence on business.
			CO2 In-depth study and analysis of inception level of ethics.
			CO3 Practical usage of ethical values in business.
			CO4 Learning process supported by ethical values while selecting people, molding for the organization.
			CO5 Ethical values implemented for corporate governance.
	2.3	Advanced Management Accounting	CO1 Supporting system while taking management decisions.
			CO2 Preparation of budget and monitoring the results of organization.
			CO3 Practical knowledge about IND AS 7.
			CO4 Applying the knowledge to prepare the programme for effective results in the organization.
			CO5 Analysing the different tools for solving the problems.
	2.4	Applied Costing	CO1 Basics of costs.
			CO2 Helps in taking decision on various cost factors.
			CO3 Analyzing the reasons of variances in standard costing.
			CO4 To be familiar with comparative analysis of cost related units.
			CO5 Special branch of costing - responsibility accounting helps in analyzing performance of cost centers.
	2.5	Advanced Research Methodology	CO1 Basic uses of social-sciences and research activities.
			CO2 Problem solving process.
			CO3 Collection and analysis of data.
			CO4 Processing the data for the research activity.
			CO5 Different tools of problem solving their actual application.



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	2.6	Advanced E-Commerce	CO1 Basic knowledge of E-Commerce.
			CO2 Implementing tools of E-Commerce.
			CO3 Controlling the flow of product and services through E-Commerce's.
			CO4 Different methods of e-marketing, implementation of those methods.
			CO5 Seeming and protection of data.
	2.7	Financial Modelling for Business (SOFT CORE)	CO1 Basics of financial models.
			CO2 Practical viabilities of financial model.
			CO3 Concepts of finance put to practical tests.



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**PO, PSO – PROGRAM OUTCOMES, PROGRAM SPECIFIC OUTCOMES
2021-2022**

UNDERGRADUATE PROGRAM – PG COMMERCE

DEPARTMENT OF COMMERCE (PG)				
Programme Name	Program Code	Sub Code	Programme outcomes	Programme Specific outcomes
M.com	PGC		PO1: Apply analytical and professional skills in relevant field.	PSO1: To cater to the manpower needs of corporate and government in Human Resource, Taxation, Business Ethics & Governance, Financial Analysis and Management. PSO2: Provide entrepreneurship and managerial skills so as to enable them to establish and manage the corporate and business enterprises. PSO3: Solve global commerce challenges by understanding and applying the principles of their domain concepts.
		1.1		
		1.2	PO2: Have comprehensive knowledge of trade and commerce practices.	
		1.3		
		1.4	PO3: Develop the capabilities and higher inclination towards providing solutions to industry and society.	
		1.5		
		1.6		
		2.1		
		2.2		
		2.3		
		2.4		
		2.5		
		2.6		
		2.7		
		3.1		
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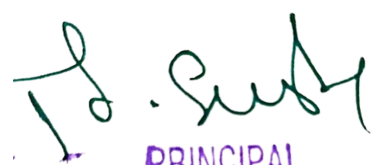

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**PO, PSO – PROGRAM OUTCOMES, PROGRAM SPECIFIC OUTCOMES
2022-2023**

UNDERGRADUATE PROGRAM – PG COMMERCE

DEPARTMENT OF COMMERCE - PG			
Programme Name	Programme Code	Programme Outcome	Programme Specific Outcome
M.Com		PO1: Apply analytical and professional skills in relevant field. PO2: Have comprehensive knowledge of trade and commerce practices. PO3: Develop the capabilities and higher inclination towards providing solutions to industry and society.	PSO1: To cater to the manpower needs of corporate and government in Business Communication, Taxation, Business Ethics & Governance, Financial Analysis and Management. PSO2: Provide entrepreneurship and managerial skills so as to enable them to establish and manage the corporate and business enterprises. PSO3: Solve global commerce challenges by understanding and applying the principles of their domain concepts.




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DEPARTMENT OF POST GRADUATION – MATHEMATICS

2018-2021

Programme Name	Programme Outcomes	Programme Specific Outcomes
M.Sc. Mathematics	PO1: To provide advanced knowledge and expertise in order to produce competent, creative and imaginative postgraduate students with a strong scientific acumen. PO2: To promote independent and collaborative learning. PO3: Provide training to develop sound skills and acquire the latest theoretical and practical knowledge in the chosen fields of study.	PSO1: To provide specialization in Mathematics and its related fields. PSO2: To provide guidance to incorporate specific study from one branch of mathematics into another. PSO3: To develop motivation for research as well as to provide efficiency towards seeking career opportunities in mathematics education, finance, applied mathematics and other math related fields.




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Semester	Subject Code	Title of the paper	Programme outcomes	Course Outcomes
I	M101T	Algebra -I	This course will: 1. Present the relationships between abstract algebraic structures like Groups and Rings. 2. Discuss the importance of algebraic properties relative to working within various number systems. 3. Develop the ability to form and evaluate conjectures	Students will be able to: 1. Demonstrate all course objectives practically 2. Demonstrate the applications of algebraic techniques to identify reducible and irreducible polynomials, symmetric and asymmetric structures generate prime numbers used to protect confidential data through encryption using Sylows theorems.
I	M102T	Real Analysis	This course will: 1. Define the limit of a function at a value, a limit of a sequence, continuity of a function and uniform continuity of a function and the Cauchy criterion and prove various theorems about limits of sequences and series functions and emphasize the proofs' development. 2. Prove the Inverse function theorem, Implicit function theorem, Rank theorem and emphasize the proofs' development. 3. Define Riemann, Riemann-Stieltje's integrals and sums. Prove various theorems about Riemann and Riemann-Stylite's sums, integrals and emphasize the proofs' development of various integrating techniques like integration by parts, change of variable.	Students will be able to: 1. Demonstrate all course objectives practically. 2. Apply learnt methods to develop various integration techniques, establish various numerical methods by developing theorems on equations of real coefficients.



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COURSE OUTCOME

Semester	Subject Code	Title of the paper	Programme outcomes	Course Outcomes
I	M103T	Topology-I	This course will: 1. Explain the notion of metric space, construct the topology by using the metric and using this topology identify the continuity of the functions which are defined between metric spaces. 2. Define the notion of topology, construct various topologies on a general set which is not empty by using different kinds of techniques, compare these topologies and identify the special subsets of the topology that are called base and subbase which generate elements of the topology. 3. Construct topologies which accept a given family of sets base or subbase.	Students will be able to: 1. Demonstrate all course objectives practically. 2. Apply the learnt methodologies in the fields of image processing, network topologies, robotics etc.
I	M104T	Ordinary Differential Equations	This course will: 1. Provide the standard methods for solving ordinary differential equations. 2. Classify the ordinary differential equations according to order and linearity as well as distinguish the initial and boundary value problems.	Students will be able to: 1. Create and analyse mathematical modelling using differential equations which helps to solve problems in different fields such as circuits, population modelling etc. 2. Demonstrate the ability to integrate knowledge and ideas of differential equations by analysing their solutions to explain resulting physical process.




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emester	Subject Code	Title of the paper	Programme outcomes	Course Outcomes
I	M105T	Discrete Mathematics	This course will: Provide an introduction to the study of Discrete Mathematics, a branch of contemporary mathematics that develops reasoning and problem-solving abilities, with an emphasis on proof. Topics include Logic, Mathematical Reasoning and proof, Set Theory, Combinatorics and Graph Theory. This course is intended for students capable of and interested in progressing through the concepts of discrete mathematics in more depth and at an accelerated rate. Graphing calculators are an integral part of this course.	Students will be able to: 1. Demonstrate all course objectives practically. 2. Use logical techniques effectively to analyse basic discrete structures and algorithms. Use logical notations to define and reason about fundamental mathematical concepts and also apply graph theory models to solve real world problems.
I	M106P	Maxima Practical's for Discrete Mathematics	This course will: 1. Provide knowledge about programming of discrete mathematical problems like recurrence relations, Hasse diagrams, pcnf, pdnf, finding shortest distance etc. using maxima tools.	Students will be able to: 1. Demonstrate all course objectives practically. 2. Program and also establish different algorithms of all the Discrete Mathematical problems using Maxima
I	M107SC	An Introductory Course on Cryptography	This course will: 1. Enable the students to learn fundamental concepts of cryptography and number theory. 2. Help to identify computer and network security threats, classify the threats and develop models to resolve it. 3. Explain the encryption and decryption of messages using Caesar cipher, Playfair cipher, Hill cipher, Block cipher, Stream cipher, RSA etc.	Students will be able to: 1. Demonstrate all course objectives practically. 2. Apply learnt methods to develop security models to prevent, detect and recover from the cyber-attacks and design algorithms to secure confidential data.



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Semester	Subject Code	Title of the paper	Programme outcomes	Course Outcomes
II	M201T	Algebra -II	This course will: 1. Present the relationships between abstract algebraic structures like Fields and Modules. 2. Discuss the importance of algebraic properties relative to solve equations within various number systems like rational, real and complex numbers. 3. Develop the ability to form and evaluate conjectures as well as theorems.	Students will be able to: 1. Demonstrate all course objectives practically. 2. Construct polynomials without using a scale and a protractor but with exact dimensions using Galois Theory and also learn commutative algebra techniques by adopting morphisms study.
II	M202T	Complex Analysis	This course will: 1. Perform algebra with complex numbers, compute sums, products, quotients, conjugate, modulus, and argument of complex numbers, and also find all integral roots and all logarithms of nonzero complex numbers. 2. Identify complex-differentiable functions, express complex differentiable functions as power series and also find parametrizations of curves, and use Cauchy's integral theorem and formula to compute line integrals. 3. Use the residue theorem and identify the isolated singularities of a function and determine whether they are removable, poles, or essential and also compute innermost Laurent series at an isolated singularity, and determine the residue.	Students will be able to: 1. Demonstrate all course objectives practically. 2. Demonstrate the applications of complex numbers in major areas of engineering - signal processing and control theory and also in mathematical physics for solving boundary problems on very complicated domains



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Semester	Subject Code	Title of the paper	Programme outcomes	Course Outcomes
II	M203T	Topology-II	This course will: 1. Explain the notion of separation axioms, I and II countableness, compactness and compactification. 2. Construct various separated topological spaces like Hausdorff space, Tychonoff spaces etc...and provide different properties like topological and hereditary properties for the same.	Students will be able to: 1. Demonstrate all course objectives practically. 2. Apply the learnt techniques to separate points sets and spaces which in turn has its direct applications in the fields of molecular topology, robotics, image processing and bioinformatics.
II	M204T	Partial Differential Equations	This course will: 1. Provide the fundamental importance of partial differential equations. 2. Classify partial differential equations according to linearity as well as distinguish between initial and boundary value problems. 3. Develop essential methods to find solutions of partial differential equations.	Students will be able to: 1. Demonstrate all course objectives practically. 2. Solve physical problems in engineering and biological models and also use the integral transform methods as tools to connect the time domain and frequency domain in signal processing, periodic physical processes etc..
II	M205T	Numerical Analysis-I	This course will: 1. Enhance the problem solving skills using an extremely powerful problem solving tool namely numerical methods. The tool is capable of handling large system of equations, non-linearity and complicated geometries that are often impossible to solve analytically. 2. Derive appropriate numerical methods to solve algebraic and transcendental equations, also develop appropriate numerical methods to solve differential equations. 3. Derive appropriate numerical methods to calculate definite integrals and also demonstrate understanding of common numerical methods and how they are used to obtain approximate solutions to otherwise intractable mathematical problems.	Students will be able to: 1. Demonstrate all course objectives practically. 2. Apply learnt methods for the analysis, simulation, and design of engineering processes.



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Semester	Subject Code	Title of the paper	Programme outcomes	Course Outcomes
II	M206P	Scilab Practical's for Numerical Analysis-I	This course will: 1. Help students develop Scilab programs for different numerical methods adopted for solving algebraic equation and system of equations.	Students will be able to: 1. Demonstrate all course objectives practically.
II	M207SC	Continuum Mechanics	This course will: 1. Introduce essentials of modern Continuum Mechanics by establishing certain classical continuum models within a modern framework. 2. Gives a firm understanding of classical models such as the deformation models and motion models of a continuum.	Students will be able to: Demonstrate all course objectives practically. 2. Utilize equations of continuum mechanic to develop the principles of material as well as spatial frame difference and material, spatial symmetry. In addition, they involve linearization of various types. 3. Attempt to study models which account for a wider array of physical phenomena.
III	M301T	Linear Algebra	This course will: 1. Explain the basic arithmetic operations on vectors and matrices, including inversion and determinants, using technology where appropriate and also explain the basic terminology of linear algebra in Euclidean spaces, including linear independence, spanning, basis, rank, nullity, subspace, and linear transformation. 2. Defines projections and orthogonality among Euclidean vectors, including the Gram-Schmidt orthonormalization process and orthogonal matrices. 3. Explain the abstract notions of vector space and inner product space.	Students will be able to: 1. Demonstrate all course objectives practically. 2. Model real-life problems mathematically



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Semester	Subject Code	Title of the paper	Programme outcomes	Course Outcomes
III	M302T	Functional Analysis	The course will: 1. Present the relationships between linear algebraic spaces like Banach and Hilbert spaces. 2. Discuss the importance of algebraic properties relative to working within various metric systems. 3. Develop the ability to form and evaluate conjectures.	Students will be able to: 1. Demonstrate all course objectives practically. 2. Apply the learnt techniques in the field of signal processing, Mathematical finance – martingale measures, Machine learning etc.
III	M303T	Differential Geometry	This course will: 1. Introduce key concepts and techniques of Differential Geometry and possible topics include surfaces in Euclidean space, general differentiable manifolds, tangent spaces and vector fields and differential forms. 2. Explain the concepts and language of differential geometry and its role in modern mathematics. Analyse and solve complex problems using appropriate techniques from differential geometry.	Students will be able to: 1. Demonstrate all course objectives practically. 2. Apply problem-solving with differential geometry to diverse situations in physics, engineering, specific research problems or other mathematical contexts.
III	M304T	Fluid Mechanics	This course will: 1. Helps to understand basic concept of fluid flow and fluid flow measurements and its applications in many industries including pipe flow, fluid machinery and agitation and mixing etc. 2. Familiarize the students with fluid statics and fluid dynamics.	Students will be able to: 1. Demonstrate all course objectives practically. 2. Know the basic principles of fluid mechanics. 3. Analyse fluid flow problems with the application of the momentum and energy equations, pipe flows as well as fluid machinery.




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Semester	Subject Code	Title of the paper	Programme outcomes	Course Outcomes
III	M305T	Numerical Analysis-II	This course will: - Enhance the problem-solving skills using an extremely powerful problem solving tools namely numerical methods. All tools are capable of handling large system of equations, non-linearity and complicated geometries that are often impossible to solve analytically. - Derive appropriate numerical methods to solve ODE and PDE	Students will be able to: - Demonstrate all course objectives practically. - Apply learnt methods for the analysis, simulation, and design of engineering processes.
III	M306P	Scilab Practicals for Numerical Analysis-II	This course will: Help students develop Scilab programs for different numerical methods adopted for solving ODE and PDE equations.	Students will be able to: Demonstrate all course objectives practically.
III	M307OE	Operations Research	This course aims at familiarizing the students with quantitative tools and techniques, which are frequently applied to business, decision making and to provide a formal quantitative approach to problem solving and an intuition about situation where such an approach is appropriate	1. Students will be able to: Learn the quantitative tools and techniques for business, decision making and also learn the formal quantitative approach to problem solving and intuition about situation where such an approach is appropriate.



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Semester	Subject Code	Title of the paper	Programme outcomes	Course Outcomes
IV	M401T	Measure and Integration	This course will: 1. Introduce abstract measure on the real line and in n-dimensional Euclidean space. 2. Explain basic and advanced directions of the theory. 3. Helps learn integration with respect to any measure and Lebesgue integration also related results.	Students will be able to: 1. Demonstrate all course objectives practically. 2. Use the learnt methods to study quantum theory, stochastic calculus, Harmonic analysis, probability and statistics etc...
IV	M402T	Mathematical Methods	This course will: 1. Introduce integral equations and integral transforms and perturbation techniques. 2. Emphasizes the role of Volterra and Fredholm equations as unifying tools in the study of functional equations, presents the relation between abstract Volterra, Fredholm equations and other types of functional-differential equations.	Students will be able to: 1. Demonstrate all objectives practically. 2. Know the use of Laplace transform and Fourier transforms in system modelling, digital signal processing, process control, solving Boundary Value Problems. Also apply the technique of perturbations in several nonlinear optimal control problems.
IV	M403T(A)	Graph Theory	This course will: 1. Cover a variety of different problems in directed/undirected graph, connectivity, connected components, subgraph, in family of graphs like clique, independent set, planar graphs, graph colouring, stable matching and factorization.	Students will be able to: 1. Demonstrate all objectives practically. 2. After the course the student will have a strong background of graph theory which has diverse applications in the areas of computer science, biology, chemistry, physics, sociology, and engineering.



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Semester	Subject Code	Title of the paper	Programme outcomes	Course Outcomes
IV	M403T(B)	Magneto Hydrodynamics	This course will: 1. Introduce fundamental concepts like magnetic field inducing current in moving conductive fluid, polarization of fluid etc.. 2. Studies the set of equations that describe MHD which are a combination of Navier – Stokes equation and Maxwell’s equations.	Students will be able to: 1. Demonstrate all objectives practically. 2. Apply all the learnt phenomena in fields of Geophysics, Astrophysics, build sensors, Engineering, Magnetic drug targeting etc...
IV	M403T(C)	Finite Element Methods and its Applications	This course will: 1. Introduce the mathematical concepts to obtain approximate solutions of ODE and PDE. 2. Discuss the range of problems that arise in the analysis of economic data and the methods available to address these problems. 3. Discuss modelling complex geometrical problems and solution techniques.	Students will be able to: 1. Demonstrate all course objectives practically. 2. Apply FEM for structural applications using truss, beam, frame and plane elements. Also solve and interpret results to realistic engineering problems through the use of a major commercial general purpose as in petroleum industry.
IV		Project Work	This course will: 1. Train students to find solutions to on real life challenging problems in many interdisciplinary fields. 2. Introduce students to the research environment.	Students will be able to: 1. Apply all learnt mathematical techniques to solve problems in real life. 2. Conduct valuable research in different fields of Mathematics that suits his/her interests



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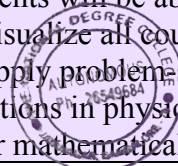
UNDER GRADUATE – DEPARTMENT: PG MATHEMATICS

DEPARTMENT OF MATHEMATICS (PG)			
Sem	Subject Code	Paper Title	Course Outcome
I Semester	M101T	Algebra-I	Students will be able to: 1. Visualize objectives of the course objectives practically. 2. Demonstrate the applications of algebraic techniques to identify reducible and irreducible polynomials, symmetric and asymmetric structures generate prime numbers used to protect confidential data through encryption using Sylow's theorems.
	M102T	Real Analysis	Students will be able to: 1. Visualize objectives of the course objectives practically. 2. Apply learnt concepts to develop various integration techniques, establish various numerical methods by developing theorems on equations of real coefficients.
	M103T	Topology-I	Students will be able to: 1. Visualize objectives of the course objectives practically. 2. Apply the learnt concepts in the fields of image processing, network topologies, robotics etc.
	M104T	Ordinary Differential Equations	Students will be able to: 1. Create and analyze mathematical modelling using differential equations which helps to solve problems in different fields such as circuits, population modelling etc. 2. Demonstrate the ability to integrate knowledge and ideas of differential equations by analyzing their solutions to explain resulting physical process.
	M105T	Discrete Mathematics	Students will be able to: 1. Visualize objectives of the course objectives practically. 2. Use logical techniques effectively to analyze basic discrete structures and algorithms. Use logical notations to define and reason about fundamental mathematical concepts and also apply graph theory models to solve real world problems.
	M106P	Maxima Practicals for Discrete Mathematics	Students will be able to: 1. Demonstrate all course objectives practically. 2. Program and also establish different algorithms of all the Discrete Mathematical problems using Maxima
	M107SC	An Introductory Course on Cryptography	Students will be able to: Visualize objectives of the course objectives practically. 2. Apply learnt concepts to develop security models to prevent, detect and recover from the cyber-attacks and design algorithms to secure confidential data.



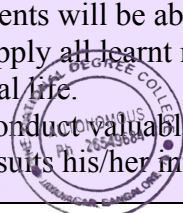

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II Semester	M201T	Algebra -II	Students will be able to: 1. Visualize objectives of the course objectives practically. 2. Construct polynomials without using a scale and a protractor but with exact dimensions using Galois Theory and also learn commutative algebra techniques by adopting morphisms study.
	M202T	Complex Analysis	Students will be able to: 1. Visualize all course objectives practically. 2. Demonstrate the applications of complex numbers in major areas of engineering - signal processing and control theory and also in mathematical physics for solving boundary problems on very complicated domains
	M203T	Topology-II	Students will be able to: 1. Visualize all course objectives practically. 2. Apply the learnt techniques to separate points sets and spaces which in turn has its direct applications in the fields of molecular topology, robotics, image processing and bioinformatics.
	M204T	Partial Differential Equations	Students will be able to: 1. Visualize all course objectives practically. 2. Formulate and solve physical problems in engineering and biological models and also use the integral transform methods as tools to connect the time domain and frequency domain in signal processing, periodic physical processes etc.,
	M205T	Numerical Analysis-I	Students will be able to: 1. Demonstrate all course objectives practically. 2. Apply learnt methods for the analysis, simulation, and design of engineering processes.
	M206P	Scilab Practicals for Numerical Analysis-I	Students will be able to: 1. Demonstrate all course objectives practically.
	M207SC	Continuum Mechanics	Students will be able to: 1. Demonstrate all course objectives practically. 2. Utilize equations of continuum mechanic to develop the principles of material as well as spatial frame difference and material, spatial symmetry. In addition, they involve linearization of various types. 3. Attempt to study models which account for a wider array of physical phenomena.
III Semester	M301T	Linear Algebra	Students will be able to: 1. Demonstrate all course objectives practically. 2. Model real-life problems mathematically
	M302T	Functional Analysis	Students will be able to: 1. Demonstrate all course objectives practically. 2. Apply the learnt techniques in the field of signal processing, Mathematical finance – martingale measures, Machine learning etc.,
	M303T	Differential Geometry	Students will be able to: 1. Visualize all course objectives practically. 2. Apply problem solving with differential geometry to diverse situations in physics, engineering, specific research problems or other mathematical contexts



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	M304T	Fluid Mechanics	Students will be able to: 1. Visualize all course objectives practically. 2. Know the basic principles of fluid mechanics. 3. Analyze fluid flow problems with the application of the momentum and energy equations, pipe flows as well as fluid machinery.
	M305T	Numerical Analysis-II	Students will be able to: 1. Demonstrate all course objectives practically. 2. Apply learnt methods for the analysis, simulation, and design of engineering processes.
	M306P	Scilab Practicals for Numerical Analysis-II	Students will be able to: 1. Demonstrate all course objectives practically.
	M307OE	Operations Research	Students will be able to: Learn the quantitative tools and techniques for business, decision making and also learn the formal quantitative approach to problem solving and intuition about situation where such an approach is appropriate.
IV Semester	M401T	Measure and Integration	Students will be able to: 1. Visualize all course objectives practically. 2. Use the learnt methods to study quantum theory, stochastic calculus, Harmonic analysis, probability and statistics etc.
	M402T	Mathematical Methods	Students will be able to: 1. Visualize all objectives practically. 2. Know the use of Laplace transform and Fourier transforms in system modelling, digital signal processing, process control, solving Boundary Value Problems. Also apply the technique of perturbations in several nonlinear optimal control problems.
	M403T(A)	Graph Theory	Students will be able to: 1. Demonstrate all objectives practically. 2. After the course the student will have a strong background of graph theory which has diverse applications in the areas of computer science, biology, chemistry, physics, sociology, and engineering.
	M403T(B)	Magneto Hydrodynamics	Students will be able to: 1. Visualize all objectives practically. 2. Apply all the learnt phenomena in fields of Geophysics, Astrophysics, build sensors, Engineering, Magnetic drug targeting etc
	M403T(C)	Finite Element Methods and its Applications	Students will be able to: 1. Visualize all course objectives practically. 2. Apply FEM for structural applications using truss, beam, frame and plane elements. Also solve and interpret results to realistic engineering problems through the use of a major commercial general purpose as in petroleum industry.
		Project Work	Students will be able to: 1. Apply all learnt mathematical techniques to solve problems in real life. 2. Conduct valuable research in different fields of Mathematics that suits his/her interests.



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CO – COURSE OUTCOME
2022-2023

UNDER GRADUATE – DEPARTMENT: PG MATHEMATICS

DEPARTMENT OF MATHEMATICS (PG)			
Sem	Subject Code	Paper Title	Course Outcome
III Semester	M301T	Linear Algebra	CO1 Demonstrate all course objectives practically.
			CO2 Model real-life problems mathematically
	M302T	Functional Analysis	CO1 Demonstrate all course objectives practically.
			CO2 Apply the learnt techniques in the field of signal processing, Mathematical finance – martingale measures, Machine learning etc.,
	M303T	Differential Geometry	CO1 Visualize all course objectives practically.
			CO2 Apply problem-solving with differential geometry to diverse situations in physics, engineering, specific research problems or other mathematical contexts
	M304T	Fluid Mechanics	CO1 Visualize all course objectives practically.
			CO2 Know the basic principles of fluid mechanics.
	M305T	Numerical Analysis-II	CO3 Analyze fluid flow problems with the application of the momentum and energy equations, pipe flows as well as fluid machinery.
			CO1 Demonstrate all course objectives practically.
M306P	Scilab Practicals for Numerical Analysis-II	CO2 Apply learnt methods for the analysis, simulation, and design of engineering processes.	
		CO1 Demonstrate all course objectives practically.	
M307OE	Operations Research	CO1 Learn the quantitative tools and techniques for business, decision making and also learn the formal quantitative approach to problem solving and intuition about situation where such an approach is appropriate.	
		CO1 Visualize all course objectives practically.	
IV Semester	M401T	Measure and Integration	CO2 Use the learnt methods to study quantum theory, stochastic calculus, Harmonic analysis, probability and statistics etc.
			CO1 Visualize all objectives practically.
	M402T	Mathematical Methods	CO2 Know the use of Laplace transform and Fourier transforms in system modelling, digital signal processing, process control, solving Boundary Value Problems. Also apply the technique of perturbations in several nonlinear optimal control problems
			CO1 Demonstrate all objectives practically.
	M403T(A)	Graph Theory	CO2 After the course the student will have a strong background of graph theory which has diverse applications in the areas of computer science, biology, chemistry, physics, sociology, and engineering.
			CO1 Visualize all objectives practically.
M403T(B)	Magneto Hydrodynamics	CO2 Apply all the learnt phenomena in fields of Geophysics, Astrophysics, build sensors, Engineering, Magnetic drug targeting etc	

	M403T(C)	Finite Element Methods and its Applications	CO1 Visualize all course objectives practically.
			CO2 Apply FEM for structural applications using truss, beam, frame and plane elements. Also solve and interpret results to realistic engineering problems through the use of a major commercial general purpose as in petroleum industry.
		Project Work	CO1 Apply all learnt mathematical techniques to solve problems in real life.
			CO2 Conduct valuable research in different fields of Mathematics that suits his/her interests.




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**PO, PSO – PROGRAM OUTCOMES, PROGRAM SPECIFIC OUTCOMES
2021-2022**

UNDERGRADUATE PROGRAM – PG MATHEMATICS

DEPARTMENT OF MATHEMATICS (PG)				
Programme Name	Program Code	Sub Code	Programme outcomes	Programme Specific outcomes
M.Sc. Mathematics	PGM	M101T	PO1: Apply knowledge of Mathematics to become competent professionals at global level.	PSO1: Students develop efficiency towards seeking career opportunities in the field of education, finance and other related fields. PSO2: Students incorporate specific study from one branch of mathematics into another and in turn apply to different fields and areas of interest. PSO3: Students gain motivation for research and writing research articles. PSO4: Students gain a strong foundation in Pure as well as Applied Mathematics. PSO5: Students acquire basics of programming and computational techniques essential for employment. PSO6: Students communicate mathematical knowledge both verbally and in writing constructively. PSO7: Students should have the knowledge of the fundamental principles and axioms in mathematics and further developing ideas and concepts based on them. PSO8: Students develop interpersonal, communication and social skills, rational and critical thinking through assignments, seminars and project work. PSO9: Students break down verbal and real life problems into mathematical form and apply the appropriate formulae or techniques to produce suitable results. PS10: Students will be able to analyze and apply appropriate concepts to solve problems and preparing for many competitive exams.
		M102T	PO2: Identify and solve complex scientific problems using mathematical skills.	
		M103T	PO3: Analyse the complex mathematical problems using scientific principles and interpret data.	
		M104T	PO4: Select, design and apply appropriate computational techniques to solve and model real life physical problems.	
		M105T	PO5: Apply and improve the mathematical modelling to predict the effect of environment changes and contribute to the sustainable development.	
		M106P	PO6: Implement professional responsibilities and ethical principles to serve the society.	
		M107SC	PO7: Communicate effectively through soft skills, report writing, documentation and effective presentations.	
		M201T	PO8: Ability to perform as an individual and as a member or leader in diverse teams in multidisciplinary settings.	
		M202T	PO9: Engage in independent and lifelong learning in the broadest context of science and technological changes	
		M203T	PO10: Enhance and adopt skills required for higher order employment or jobs through activities such as seminar, dissertation, workshops and conferences.	
		M204T	PO11: Successfully crack the state and national level competitive examinations.	
		M205T		
		M206P		
		M207SC		
		M301T		
		M302T		
		M303T		
		M304T		
		M305T		
		M306P		
		M307OE		
		M401T		
		M402T		
		M403T(A)		
		M403T(B)		
		M403T(C)		



PO, PSO – PROGRAM OUTCOMES, PROGRAM SPECIFIC OUTCOMES 2022-2023

UNDERGRADUATE PROGRAM – PG MATHEMATICS

DEPARTMENT OF MATHEMATICS

Programme Name	Programme Code	Programme Outcome	Programme Specific Outcome
M. Sc. Mathematics		PO1: Apply knowledge of Mathematics to become competent professionals at global level. PO2: Identify and solve complex scientific problems using mathematical skills. PO3: Analyse the complex mathematical problems using scientific principles and interpret data. PO4: Select, design and apply appropriate computational techniques to solve and model real life physical problems. PO5: Apply and improve the mathematical modelling to predict the effect of environment changes and contribute to the sustainable development. PO6: Implement professional responsibilities and ethical principles to serve the society. PO7: Communicate effectively through soft skills, report writing, documentation and effective presentations. PO8: Ability to perform as an individual and as a member or leader in diverse teams in multidisciplinary settings. PO9: Engage in independent and lifelong learning in the broadest context of science and technological changes. PO10: Enhance and adopt skills required for higher order employment or jobs through activities such as seminar, dissertation, workshops and conferences. PO11: Successfully crack the state and national level competitive examinations.	PSO1: Students develop efficiency towards seeking career opportunities in the field of education, finance and other related fields. PSO2: Students incorporate specific study from one branch of mathematics into another and in turn apply to different fields and areas of interest. PSO3: Students gain motivation for research and writing research articles. PSO4: Students gain a strong foundation in Pure as well as Applied Mathematics. PSO5: Students acquire basics of programming and computational techniques essential for employment. PSO6: Students communicate mathematical knowledge both verbally and in writing constructively. PSO7: Students should have the knowledge of the fundamental principles and axioms in mathematics and further developing ideas and concepts based on them. PSO8: Students develop interpersonal, communication and social skills, rational and critical thinking through assignments, seminars and project work. PSO9: Students break down verbal and real life problems into mathematical form and apply the appropriate formulae or techniques to produce suitable results. PSO10: Students will be able to analyze and apply appropriate concepts to solve problems and preparing for many competitive exams.




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NAAC ACCREDITED – 'A' GRADE

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Email: ncjblore@yahoo.com

DEPARTMENT OF POST GRADUATION – PHYSICS

2018-2021

Programme Name	Programme Outcomes	Programme Specific Outcomes
M.Sc.	PO1: Students can pursue their career as theoretical physicist/experimentalist based on his/her Masters Project thesis in basic physics. PO2: Introduction to modern physics concepts would make students realize on the mechanics and dynamics of objects work and behave in their energy limits. PO3: Students would be able to understand the behaviour materials as our department emphasizes on Materials science research. PO4: Students would be enabled to realize the key requirements to understand a problem in the field of Glass Science and Thin films.	PSO1: Students are motivated to pursue research/doctoral studies in physics and trained to develop their skills in research career. PSO2: There is a demand in role of science men in progressing nation like India; pupils with physics backdrop are able to connect the purity of mathematics with fast paced mechanical/electronic gadgets.




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COURSE OUTCOME

Semester	Subject Code	Title of the paper	Outcomes
I	P101	Classical Mechanics	Sport Analyst, Scientists in field of ISRO, Astrophysics
I	P102	Electronic Circuits and Devices,	Electronic & Communication Industry
I	P103	Quantum Mechanics	Quantum Computation
I	P104	Mathematical Methods of Physics	Data Scientist
I	P105	Experimental Physics	Error Analyst, QA & QC
Semester	Subject Code	Title of the paper	Outcomes
II	P201	Statical Mechanics	Computational Physicist
II	P202	Electrodynamics & Plasma Physics	Plasma Physicists, and Electronic Industries
II	P203	Quantum Mechanics II	Quantum Computation
II	P204	Numerical Analysis & Computation Methods	Data Scientist
II	P205	Biophysics	Biomedical Industries
Semester	Subject Code	Title of the paper	Outcomes
III	P301	Atomic Molecular Physics	Computational Physicist, QA & QC Analyst
III	P302	Condensed Matter Physics	Materials Scientists
III	P303	Nuclear Physics	DAE, Nuclear Scientist, Radiation Physicist, Environmental Physicist
III	P304	Materials Science	Materials Scientists
Semester	Subject Code	Title of the paper	Outcomes
IV	P401	Lasers & Nonlinear Optics	Optics and Laser Industry
IV	P402	Advanced Material Science	Materials Scientists
IV	P403	Physics of Solids	Materials Scientists
IV	P404	Properties & Application of Thin films	Sensors, Thin film and Solar Cell Industries



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CO – COURSE OUTCOME
2021-2022

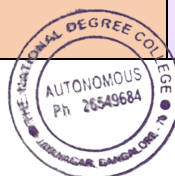
UNDER GRADUATE – DEPARTMENT: PG PHYSICS

DEPARTMENT OF PHYSICS (PG)			
Sem	Subject Code	Paper Title	Course Outcome
I	P101	Classical Mechanics	After the completion of the course, students will be able to: 1. Setup Lagrangian, for the system and able to solve equations of motion. Further they are exposed to simply the equations using Hamiltonian and Canonical Transformations. 2. Application of Eulers equation like geodesics and brachistochrone problem. 3. The macroscopic and microscopic orbits of particles and hence evaluate certain parameters that are conserved in the Central force field. 4. Study the concept of moment of inertia which in turn describe the nature of motion of planets.
	P102	Electronic Circuits & Devices	After the completion of the course, students will be able to: 1. Understand the basic concepts of semiconducting devices. 2. Analysis of Op-amp (analog circuits) using IC741. 3. Explore on the digital circuits and understand the physical aspects of flip-flops. 4. Learn the underlying concepts on RAM and ROM.
	P103	Quantum Mechanics- I	After the completion of the course, students will be able to: 1. Understand the underlying concepts of quantum mechanics. 2. Time independent Schrodinger Wave equation for different potentials. 3. A preliminary concept on Dirac's dual spaces and Formalism. 4. Exploration on different types of angular momentums viz., orbital and spin angular momentum.



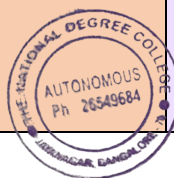

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	P104	Mathematical Methods of Physics- I	After the completion of the course, students will be able to: 1. Application of Integral Transformations for different functions. 2. Understand the concepts which uses complex functions. 3. Solve and analyze PDEs of Two Dimensions. 4. Understand the nature of ODEs and solution of particular types of ODEs.
	P105	Experimental Techniques in Physics	After the completion of the course, students will be able to: 1. Understand the safety measures of the working environment as well as hazardous radiations. 2. A preliminary courseware on vacuum techniques and overview of thinfilms. 3. Exposure towards the computational data analysis.
II	P201	Statistical Mechanics & Thermodynamics	After the completion of the course, students will be able to: 1. Different forms of energy in the thermodynamic system and their inter-relations. 2. The concept of hypothetical ensembles to build the bridge between the thermodynamic and statistical mechanics. 3. Different types of distributions available for bosons and their condensation. 4. Different types of distributions available for fermions and behavior
	P202	: Electrodynamics & Plasma Physics	After the completion of the course, students will be able to: 1. Understand the preliminary concepts on electrostatics and magnetostatics. 2. Analysis of Maxwell's equations and its applications. 3. Understand the interaction of Lienard-Wiechert Potential and Review of Lorentz transformations. 4. Understand the electromagnetic wave interaction in an electrical fluid.



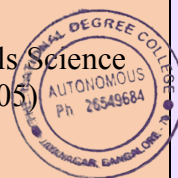
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	P203	Quantum Mechanics- II	After the completion of the course, students will be able to: 1. Exposure towards the fundamental correction factors for time independent quantum system. 2. Elucidate on understanding the second and third order correction factors contributing towards Scattering Phenomena. 3. Distinguish between Continuous and Discrete symmetries and further emphasize on fundamental quantum systems. 4. Explore on the relativistic quantum mechanics
	P204	Numerical Analysis & Computational Physics	After the completion of the course, students will be able to: 1. Solve system of equations, differentiate and integrate functions numerically. 2. Understand the concepts and properties of Probability Distributions and Statistics. 3. Understand the elementary codes and write simple codes for applications. 4. Solve the system of equations, integration of functions and solve ODE using Computational Methods.
	P 205	Radiation Biophysics & Medical Instrumentation	After the completion of the course, students will be able to: 1. Radiation effects on living systems comprising of biological macromolecules and further introduced to understand the medical applications of radiations. 2. Understand the science of biomedical applications of sensors. 3. Exposure towards the working principle of biomedical lasing devices.
III	P 301	Atomic & Molecular Physics	After the completion of the course, students will be able to: 1. Describe theories explaining the structure of atoms and the origin of the observed spectra. Identify atomic effect such as Zeeman effect and Stark effect. 2. To understand the fundamental key aspects of rotational and Raman spectroscopy and apply the knowledge in elucidation of spectra. 3. To understand the fundamental aspects of vibrational spectroscopy and to correlate with structure-property relationship. 4. To develop the elementary idea on broadening of spectral lines



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	P 302	Condensed Matter Physics	After the completion of the course, students will be able to: 1. An overview on crystal structure and X-ray diffraction. 2. A detailed description of free theory of metals and band theory solids. 3. To understand the physics of semiconductors and superconductors. 4. Gain detailed knowledge on physical aspects of magnetism and dielectrics
	P 303	Nuclear and Particle Physics	After the completion of the course, students will be able to: 1. To understand the basic concept of interaction of radiation with matter. 2. To emphasize and understand the working principle of nuclear detectors. 3. To learn the nuclear models and nuclear decay. 4. In detail study related to particle physics.
	P 304	Materials Science (Elective – 01)	After the completion of the course, students will be able to: 1. To understand the fundamental aspects on formation and selection of materials. 2. To learn elastic properties of materials. 3. To elucidate on structural – compositional aspects of materials through phase diagram. 4. Introduction to methods employed in characterization of materials.
IV	P 401	: Lasers & Nonlinear Optics (Elective – 03)	After the completion of the course, students will be able to: 1. Understand the fundamental aspects of wave optics (viz., interference and diffraction). 2. Emphasis on key aspects on laser mechanism. 3. An introductory course on Nonlinear optical phenomenon. 4. Fundamental research aspects on nonlinear optics
	P 402	Advanced Atomic, Molecular and Optical Physics (Elective – 04)	After the completion of the course, students will be able to: 1. An extensive understanding on vibrational and electronic spectroscopy. 2. Detailed understanding of NMR spectroscopy 3. Detailed understanding of ESR spectroscopy 4. An introductory course on contemporary topics on Laser spectroscopy.
	P 402	Advanced Materials Science (Elective – 05)	After the completion of the course, students will be able to: 1. Emphasize on the nature and material aspects of metals and alloys 2. An introductory towards the polymer science



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			3. A bird eye view on ceramics and glasses. 4. General description on Composite materials.
	P 402 (Elective-07)	Advanced Nuclear and Neutron Physics	After the completion of the course, students will be able to: 1. Understand in detail on the neutron sources 2. Gain thorough knowledge on neutron detectors and spectrometers 3. A detailed emphasis on the nuclear reactors and programme in India. 4. An overall perspective on neutron interaction.
	P 403	Space & Cloud physics (Elective – 08)	After the completion of the course, students will be able to: 1. Detailed understanding on physical aspects that occur in space/atmosphere 2. Analytical aspects of Monsoon in India 3. Understand the basics of clouds and elucidates on experiments associated with atmosphere 4. A Qualitative picture on understanding the mechanisms of Remote sensing.
	P 404	Physics of Nanomaterials (Elective – 12)	After the completion of the course, students will be able to: 1. Overall perspective of nanomaterials in field of hydrogen storage, gas sensors and storage devices 2. A qualitative picture on optical properties of nanomaterials 3. A birds eye view on concurrent techniques in synthesis of nanomaterials. 4. An introduction towards methods to assess the nature of nanomaterials.

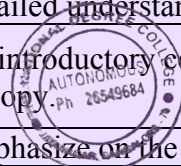



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CO – COURSE OUTCOME
2022-2023

UNDER GRADUATE – DEPARTMENT: PG PHYSICS

DEPARTMENT OF PHYSICS (PG)			
Sem	Subject Code	Paper Title	Course Outcome
III SEMESTER	P 301	Atomic & Molecular Physics	CO1 Describe theories explaining the structure of atoms and the origin of the observed spectra. Identify atomic effect such as Zeeman effect and Stark effect.
			CO2 To understand the fundamental key aspects of rotational and Raman spectroscopy and apply the knowledge in elucidation of spectra.
			CO3 To understand the fundamental aspects of vibrational spectroscopy and to correlate with structure-property relationship.
			CO4 To develop the elementary idea on broadening of spectral lines
	P 302	Condensed Matter Physics	CO1 An overview on crystal structure and X-ray diffraction.
			CO2 A detailed description of free theory of metals and band theory solids.
			CO3 To understand the physics of semiconductors and superconductors.
			CO4 Gain detailed knowledge on physical aspects of magnetism and dielectrics
	P 303	Nuclear and Particle Physics	CO1 To understand the basic concept of interaction of radiation with matter.
			CO2 To emphasize and understand the working principle of nuclear detectors.
			CO3 To learn the nuclear models and nuclear decay.
			CO4 In detail study related to particle physics.
	P 304	Materials Science (Elective – 01)	CO1 To understand the fundamental aspects on formation and selection of materials.
			CO2 To learn elastic properties of materials.
			CO3 To elucidate on structural – compositional aspects of materials through phase diagram.
			CO4 Introduction to methods employed in characterization of materials.
IV SEMESTER	P 401	: Lasers & Nonlinear Optics (Elective – 03)	CO1. Understand the fundamental aspects of waveoptics (viz., interference and diffraction).
			CO2 Emphasis on key aspects on laser mechanism.
			CO3 An introductory course on Nonlinear optical phenomenon.
			CO4 Fundamental research aspects on nonlinear optics
	P 402	Advanced Atomic, Molecular and Optical Physics (Elective – 04)	CO1 An extensive understanding on vibrational and electronic spectroscopy.
			CO2 Detailed understanding of NMR spectroscopy
			CO3 Detailed understanding of ESR spectroscopy
			CO4 An introductory course on contemporary topics on Laser spectroscopy
	P 402	Advanced	CO1 Emphasize on the nature and material aspects of metals



		Materials Science (Elective – 05)	CO2 An introductory towards the polymer science
			CO3 A bird eye view on ceramics and glasses.
			CO4 General description on Composite materials.
	P 402 (Elective-07)	Advanced Nuclear and Neutron Physics	CO1 Understand in detail on the neutron sources
			CO2 Gain thorough knowledge on neutron detectors and spectrometers
			CO3 A detailed emphasis on the nuclear reactors and programme in India.
			CO4 An overall perspective on neutron interaction.
	P 403	Space & Cloud physics (Elective – 08)	CO1 Detailed understanding on physical aspects that occur in space/atmosphere
			CO2 Analytical aspects of Monsoon in India
			CO3 Understand the basics of clouds and elucidates on experiments associated with atmosphere
			CO4 A Qualitative picture on understanding the mechanisms of Remote sensing.
	P 404	Physics of Nanomaterials (Elective – 12)	CO1 Overall perspective of nanomaterials in field of hydrogen storage, gas sensors and storage devices
			CO2 A qualitative picture on optical properties of nanomaterials
			CO3 A birds eye view on concurrent techniques in synthesis of nanomaterials.
			CO4 An introduction towards methods to assess the nature of nanomaterials.




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**PO, PSO – PROGRAM OUTCOMES, PROGRAM SPECIFIC OUTCOMES
2021-2022**

UNDERGRADUATE PROGRAM – PG PHYSICS

DEPARTMENT OF PHYSICS (PG)				
Programme Name	Program Code	Sub Code	Programme outcomes	Programme Specific outcomes
M.Sc Physics	PGPHY	P101	Understanding the basic concepts of	*With successful completion of this program the students are eligible to teach for PUC and Undergraduate Students. *They can be absorbed as Research Scientist, Data Analyst and Materials Scientist. They get ample opportunity of pursuing their higher education (e.g. M.Tech, MS, Ph.D). Students coming out with flying colours in M.Sc Physics get professional options in any interdisciplinary area such as Bio Physics, Molecular Biophysics and Medical Physics(X-Ray, SPECT, Gamma camera, Radiation Therapy). They can also get an opportunity in the Forensic laboratory, Geological Survey of India, Dept. of Atomic Energy, ISRO, Space Science and National Aerospace Laboratory. *Perform basic, applied and collaborative research. *Enhance pedagogical and scientific writing skills through modern methods. * Enhance National and International competency.
		P102	physics particularly concepts in classical mechanics,	
		P103	quantum mechanics, statistical mechanics	
		P104	and electricity and magnetism to	
		P105	appreciate	
		P201	how diverse phenomena observed in	
		P202	nature follow from a small set of	
		P203	fundamental laws	
		P204	through logical and mathematical reasoning.	
		P 205	• Learn to carry out experiments in basic as well as certain advanced areas of	
		P 301	physics such	
		P 302	as nuclear physics, condensed matter	
		P 303	physics, nanoscience, lasers ,electronics	
		P 304	and space cloud Physics.	
		P 401	• Understand the basic concepts of	
		P 402	certain sub fields such as nuclear and	
		P 402	high energy	
		P 402	physics, atomic and molecular physics,	
		P 402	solid state physics, plasma physics,	
		(Elective-07)	astrophysics,	
		P 403	general theory of relativity, nonlinear dynamics and complex system.	
		P 404	• Gain hands on experience to work in applied fields.	
		P 404	• Gain a through grounding in the subject to be able to teach it at college as well as school level.	
		P 404	• Viewing physics as a training ground for the mind developing a critical attitude and the faculty of logical reasoning that can be applied to diverse fields	




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**PO, PSO – PROGRAM OUTCOMES, PROGRAM SPECIFIC OUTCOMES
2022-2023**

UNDERGRADUATE PROGRAM – PG PHYSICS

DEPARTMENT OF PHYSICS			
Programme Name	Programme Code	Programme Outcome	Programme Specific Outcome
M.Sc Physics	PGPHY	Understanding the basic concepts of physics particularly concepts in classical mechanics, quantum mechanics, statistical mechanics and electricity and magnetism to appreciate how diverse phenomena observed in nature follow from a small set of fundamental laws through logical and mathematical reasoning. • Learn to carry out experiments in basic as well as certain advanced areas of physics such as nuclear physics, condensed matter physics, nanoscience, lasers ,electronics and space cloud Physics. • Understand the basic concepts of certain sub fields such as nuclear and high energy physics, atomic and molecular physics, solid state physics, plasma physics, astrophysics, general theory of relativity, nonlinear dynamics and complex system. • Gain hands on experience to work in applied fields. • Gain a through grounding in the subject to be able to teach it at college as well as school level. • Viewing physics as a training ground for the mind developing a critical attitude and the faculty of logical reasoning that can be applied to diverse fields	With successful completion of this program the students are eligible to teach for PUC and Undergradaute Students. *They can be absorbed as Research Scientist, Data Analyst and Materials Scientist. They get ample opportunity of pursuing their higher education (e.g. M.Tech, MS, Ph.D). Students coming out with flying colours in M.Sc Physics get professional options in any interdisciplinary area such as Bio Physics, Molecualar Biophysics and Medical Physics(X-Ray, SPECT, Gamma camera, Radiation Therapy). They can also get an opportunity in the Forensic laboraroty , Geological Survey of India, Dept. of Atomic Energy, ISRO, Space Scince and National Aerospace Laboratory. *Perform basic, applied and collaborative research. *Enhance pedagogical and scientific writing skills through modern methods. * Enhance National and International competency.




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DEPARTMENT OF UNDERGRADUATE – PHYSICAL EDUCATION

CO – COURSE OUTCOME

2021-2022

UNDERGRADUATE – PHYSICAL EDUCATION

DEPARTMENT OF PHYSICAL EDUCATION			
Semester	Subject Code	Paper Title	Course Outcome
I SEMESTER	SEC-1	Health and Wellness Physical Education and Yoga	CO1 It aims at creating awareness about the fundamentals of Physical Education, Sports and Yoga. CO2 To promote health and wellness through healthy lifestyle CO3: As this curriculum framework is aligned with the National Skill Qualification Framework (NSQF), the students will be benefited with better career opportunities. CO4: The student learns to plan, organize and execute sports events. CO5: Basic concepts of Diet. CO6: Importance of Diet for Healthy lifestyle.
	OEC -1	Sports Nutrition	
II SEMESTER	SEC-2	Physical Education and Sports	CO1: Students will learn to apply knowledge of Physical fitness and exercisemanagement to lead better quality life. CO2:Students will learn to apply the knowledge of managing the fitness equipments. CO3: The students will gain knowledge of professional preparation in PhysicalEducation, Sports
	OEC -	Adventure Sports	



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CO – COURSE OUTCOME
2022-2023

UNDERGRADUATE – PHYSICAL EDUCATION

Semester	Subject Code	Paper Title	Course Outcome
III SEMESTER	SEC-3	Physical Education and Sports	CO1: To Familiarize students with health related excersices and sports for overall growth an development CO2: To impart basic knowledge and skills to teach physical education and sports activities
	OEC - 3	Sports Event Management	CO3: To develop professionalism among students to conduct, organise and officiate physical education and sports events at schools, colleges and community.
IV SEMESTER	SEC-4	Physical Education and Sports	CO1: The curriculum would enable the pass out students to be entrepreneur (to start their own fitness center, gym, etc) and device appropriate fitness program for different genders and age groups at all level. CO2: Students acquire the knowledge of Physical Education, Sports understand the purpose and its development
	OEC 4	Physical Fitness for Careers	CO3: Students will learn theoretical and practical aspects of game of his choice to apply at various levels for teaching, learning and coaching purposes efficiently.




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**PO, PSO – PROGRAM OUTCOMES, PROGRAM SPECIFIC OUTCOMES
2021-2022**

UNDERGRADUATE PROGRAM – PHYSICAL EDUCATION

Programme Name	Program Code	Programme outcomes	Programme Specific outcomes
BA BSc B.Com BBA BCA & all other UG Courses	PE	PO 1. It Able to understand the basic principles & practicing of Physical education,sports & Yoga. PO 2.It Develops ability to communicate with various industries while organising sports events. PO 3. It Helps to develop the strong emotions & helps in taking decisions in every situation of life. PO 4. Students who study this programme. develops the capability of inquiring the things & Managing the tasks easily. PO 5. Self-Directed learning; Students will develop an ability of working independently & Make an indepth study of life skills.	PSO 1. Physical education,Sports & Yoga when introduced atr graduate level will greater impact on Health of the community in general. PSO 2. During their entire programme the students also develop the expertise to establish their own business as enterprenurs in the field of fitness, sports, rehabilitation, adventurous sports, event management etc. PSO 3. Due to the inter-diciplinary programme which includes sports nutrition, psychology, sports training, sports biomechanics,exercise physiology & anatomy helps to promote soceity health & wellness through healty lifestyle. PSO 4. The graduates who are interested can pursue research in the field og Physical education.




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**PO, PSO – PROGRAM OUTCOMES, PROGRAM SPECIFIC OUTCOMES
2022-2023**

UNDERGRADUATE PROGRAM – PHYSICAL EDUCATION

Programme Name	Program Code	Programme outcomes	Programme Specific outcomes
BA BSc B.Com BBA BCA & all other UG Courses	PE	PO1. Develops leadership as well as qualities of effective team member. PO2. Develops Ethical, moral & human values & Contribute to the well-being of the society through healthy lifestyle. PO3. Helps to work together towards a common goal as a team work. PO4. Ability to develop the enterpreneur skills through the skills developed through the programme. PO5. Have comprehensive knowledge of Physical education, sports & Yoga. and also develops the capabilities towards the well-being of the society through healthy lifestyle.	PSO 1. Physical education, Sports & Yoga when introduced at graduate level will have greater impact on Health of the community in general. PSO 2. During their entire programme the students also develop the expertise to establish their own business as entrepreneurs in the field of fitness, sports, rehabilitation, adventurous sports, event management etc. PSO 3. Due to the interdisciplinary programme which includes sports nutrition, psychology, sports training, sports biomechanics, exercise physiology & anatomy helps to promote society health & wellness through healthy lifestyle. PSO 4. The graduates who are interested can pursue research in the field of Physical education.




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